



**2022 SEMI-ANNUAL GROUNDWATER
MONITORING & CORRECTIVE ACTION
REPORT**

Plant Bowen
Cells 1 & 2
Cells 3 & 4
Cells 9 & 10
Solid Waste Disposal Facility
Permit No. 008-018D (LI)

August 31, 2022

Prepared for:



Prepared by:
Stantec Consulting Services Inc.
10745 Westside Way, Suite 250
Alpharetta, Georgia 30009-7640

2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10

CERTIFICATION STATEMENT

This 2022 Semi-Annual Groundwater Monitoring & Corrective Action Report, Georgia Power Company - Plant Bowen Solid Waste Disposal Facility Landfill Cells 1 & 2, 3 & 4, and 9 & 10 has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule [40 Code of Federal Regulations (CFR) 257 Subpart D] and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with Stantec Consulting Services Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management, and 40 CFR Part 258.60(g).


Jennifer Kolbe, Ph.D., P.E.
Principal



August 31, 2022
Date


Brian Steele, P.G.
Senior Geologist



August 31, 2022
Date



Executive Summary

This summary of the 2022 Semi-Annual Groundwater Monitoring and Corrective Action Report provides the status of the groundwater monitoring and corrective action program for the period of January through July 2022 at the Georgia Power Company (Georgia Power) Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 (the Landfill or the Site). This summary was prepared by Stantec Consulting Services Inc. (Stantec) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6¹ of the United States Environmental Protection Agency (US EPA) coal combustion residuals rule (CCR Rule) (Title 40 Code of Federal Regulations [40 CFR] 257 Subpart D).

Plant Bowen solid waste disposal (landfill cells) facility is located in Bartow County off State Highway 113, approximately 7 miles west-southwest of Cartersville, Georgia and 20 miles southeast of Rome, Georgia. The disposal facility receives coal combustion by-products, coal ash and gypsum, from coal power generating processes at Plant Bowen. The landfill cells are lined in accordance with Solid Waste Permit No. 008-018D (LI). Gypsum placement in disposal Cells 1 & 2 began in November 2008, whereas ash placement in disposal Cells 3 & 4 began in February 2015. Waste placement operations were initiated in Cells 9 & 10 in November 2015 and are only used to store non-marketable gypsum. The Site is located on the northeastern portion of the Plant Bowen property.



Plant Bowen Landfill Cells

The groundwater monitoring program for the landfill is managed in accordance with the landfill's Solid Waste Permit No. 008-018D (LI), as issued by the Georgia Environmental Protection Division (GA EPD), and in accordance with Georgia Solid Waste Management Rules for Groundwater Monitoring and Corrective Action of a municipal solid waste landfill, Rule 391-3-4.14. The landfill is also subject to the US EPA CCR rule and the GA EPD Rules for Solid Waste Management 391-3-4-.10. Groundwater at the Site is monitored using a groundwater monitoring system of wells installed to meet federal and state monitoring requirements.

Groundwater monitoring, in accordance with the permit-issued Design and Operations Plan, began in 2007 prior to disposal activities, and continues to date. Routine sampling and reporting for CCR Rule

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



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10**

Appendix III constituents began after the background groundwater conditions were established between February 2016 and August 2017.

During the 2022 semi-annual reporting period, one groundwater sampling event was conducted in January-February 2022. Groundwater samples were submitted to Pace Analytical Services, Inc., for analysis of Appendix III parameters². Per the CCR Rule, groundwater results for the January-February 2022 event were evaluated in accordance with certified statistical methods. Verified Appendix III SSIs are provided in the table below, and are addressed by the April 19, 2018 Alternate Source Demonstration (ASD) with the exception of GWC-48 (chloride).

Appendix III Constituents (SSIs)	January-February 2022
Calcium	GWC-16R, GWC-17R, GWC-21R, GWC-23R
Chloride	GWC-48
pH (lower limit)	GWC-48

Based on review of the Appendix III statistical results completed for the groundwater monitoring and corrective action program in January through July 2022, the Site will continue in detection monitoring. An ASD will be submitted to address the SSIs (not addressed in previous ASDs). Georgia Power will continue routine groundwater monitoring and reporting at the landfill. Reports will be posted to the website and provided to GA EPD semi-annually.

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



Table of Contents

ACRONYMS / ABBREVIATIONS.....	V
1 INTRODUCTION.....	1.1
1.1 Site Description and Background.....	1.1
1.2 Regional Geology and Hydrogeologic Setting	1.2
1.3 Groundwater Monitoring System.....	1.3
2 GROUNDWATER MONITORING ACTIVITIES.....	2.1
2.1 Monitoring Well Installation and Maintenance.....	2.1
2.2 Detection Monitoring Program.....	2.1
2.3 Additional Sampling.....	2.2
3 SAMPLE METHODOLOGY & ANALYSES.....	3.1
3.1 Groundwater Elevation Measurements and Flow Direction	3.1
3.2 Groundwater Gradient and Flow Velocity.....	3.1
3.3 Continuous Water Level Monitoring (Hydrogeologic Monitoring).....	3.2
3.3.1 Hydrogeologic Monitoring Network	3.2
3.3.2 Hydrogeologic Monitoring Results.....	3.3
3.4 Groundwater Sampling.....	3.3
3.5 Laboratory Analyses.....	3.4
3.6 Quality Assurance & Quality Control	3.4
4 STATISTICAL ANALYSIS	4.1
4.1 Statistical Methods	4.1
4.1.1 Appendix I and Appendix III Statistical Method	4.1
4.2 Statistical Analyses Results	4.2
5 ALTERNATE SOURCE DEMONSTRATION	5.1
6 MONITORING PROGRAM STATUS.....	6.1
7 CONCLUSIONS & FUTURE ACTIONS	7.1
8 REFERENCES.....	8.1

LIST OF TABLES

Table 1	Summary of Monitoring Well Construction
Table 2	Groundwater Sampling Event Summary
Table 3	Summary of Groundwater Elevations
Table 4	Groundwater Flow Velocity Calculations – January 2022
Table 5	Groundwater Analytical Data Summary Landfill Cells 1 & 2
Table 6	Groundwater Analytical Data Summary Landfill Cells 3 & 4
Table 7	Groundwater Analytical Data Summary Landfill Cells 9 & 10



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10**

Table 8	Statistical Method Summary
Table 9	Downgradient Prediction Limit Exceedance Summary Appendix III CCR Constituents January-February 2022 and April 2022 (embedded in text)
Table 10	Downgradient Prediction Limit Exceedance Summary Solid Waste Permit Appendix I D&O Constituents Metals January-February 2022 and April 2022 (embedded in text)

LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	Groundwater Monitoring System
Figure 3	Potentiometric Surface - Overburden Wells January 2022
Figure 4	Potentiometric Surface – Bedrock Wells January 2022

LIST OF APPENDICES

Appendix A	Well Inspections
Appendix B	Well Installation and Abandonment Reports
Appendix C	Memoranda on Hydrogeologic Monitoring Program
Appendix D	Laboratory Analytical Data and Field Sampling Reports
Appendix E	Statistical Results



Acronyms / Abbreviations

ASD	Alternate Source Demonstration
CCR	Coal Combustion Residuals
CCR Rule	Title 40 Code of Federal Regulations 257 Subpart D
CFR	Code of Federal Regulations
cm/sec	centimeters per second
D&O	Design and Operation
DO	Dissolved Oxygen
ft/day	feet per day
GA EPD	Georgia Environmental Protection Division
GSC	Groundwater Stats Consulting, LLC
mg/L	milligrams per liter
MCL	Maximum Contaminant Level
NELAP	National Environmental Laboratory Accreditation Program
NTU	Nephelometric Turbidity Unit
ORP	Oxidation-Reduction Potential
QA/QC	Quality Assurance/Quality Control
SCS	Southern Company Services
SSI	Statistically Significant Increase
US EPA	United States Environmental Protection Agency
USGS	United States Geological Survey



1 Introduction

This 2022 Semi-Annual Groundwater Monitoring & Corrective Action Report has been prepared by Stantec Consulting Services Inc. (Stantec) on behalf of Georgia Power Company (Georgia Power) to document groundwater monitoring activities conducted from January through July 2022 at Georgia Power's Plant Bowen solid waste disposal facility Cells 1 & 2, 3 & 4, and 9 & 10 (Landfill or Site). The groundwater monitoring activities were conducted in accordance with the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) 257 Subpart D and the Georgia Environmental Protection Division (GA EPD) Rules of Solid Waste Management 391-3-4-.10.

Groundwater monitoring is also conducted under the requirements of the Georgia Solid Waste Permit No. 008-018D (LI) and in accordance with the specifications in the Design and Operation (D&O) Plan. This includes semi-annual groundwater sampling and groundwater level monitoring at the Site. A minor modification, dated August 9, 2017, approved the addition of Appendix III and IV constituents contained in the CCR Rule to the groundwater monitoring plan in Solid Waste Permit No. 008-018D (LI). An application for a new Georgia CCR permit, dated November 20, 2018, was submitted for the facility to replace the Solid Waste Permit. The application is being revised and is pending submittal to GA EPD.

This report provides the results from one semi-annual sampling event conducted in January-February 2022 and the resampling event in April 2022 at Cells 1 & 2, Cells 3 & 4, and Cells 9 & 10. This sampling event included the scheduled semi-annual sampling for the D&O Appendix I constituents and the US EPA's CCR Appendix III constituents. The April 2022 resampling event was conducted to verify the initial statistically significant increases (SSIs) identified in the January-February 2022 semi-annual event. This report satisfies the reporting requirements of applicable GA EPD Solid Waste Management Rules (391-3-4-.14) and federal and Georgia CCR Rule 40 CFR 257.90 (e) and 391-3-4-.10. In this report, for ease of reference when discussing the CCR Rules, the US EPA CCR Rules are cited.

1.1 Site Description and Background

The Plant Bowen Landfill is a Georgia Power-owned property located in Bartow County off State Highway 113, approximately 7 miles west-southwest of Cartersville, Georgia, and 20 miles southeast of Rome, Georgia (Figure 1). The disposal facility is approximately 300 acres located on a previously undeveloped, contiguous portion of the plant property. The Plant Bowen active Landfill Cells 1 & 2, 3 & 4, and 9 & 10 are located on the northeast portion of the Plant Bowen property. The disposal facility receives coal combustion by-products, coal ash and gypsum, from coal power generating processes at Plant Bowen. The landfill cells are lined in accordance with Solid Waste Permit No. 008-018D (LI). Cells 3 & 4 have a leachate collection system. Gypsum placement in disposal Cells 1 & 2 began in November 2008, whereas ash placement in disposal Cells 3 & 4 began in February 2015. Waste placement operations were initiated in Cells 9 & 10 in November 2015. Cells 9 & 10 are only used to store non-marketable gypsum. Cells 5, 6, 7, and 8 are undeveloped at this time and may be used as future cells.



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
1 Introduction**

A groundwater monitoring system around each of the active disposal cells monitors the groundwater conditions at the Site. The monitoring well locations are shown on Figure 2. A subset of the monitoring wells is equipped with data loggers and telemetry systems for water level measurements and data transmission for real-time monitoring of groundwater levels in the subsurface karst geology.

Groundwater monitoring began in 2007 in accordance with the D&O Plan, prior to disposal activities and continues to date. Groundwater monitoring and reporting activities, conducted in accordance with § 257.90 through § 257.94 of the federal CCR Rule, were initiated in 2016. Pursuant to § 257.94(b), the eight baseline sampling events were conducted February 2016 to August 2017, with the initial detection monitoring event occurring in September-October 2017.

1.2 Regional Geology and Hydrogeologic Setting

The regional geology and hydrogeology of the Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 area are summarized below. The Site lies within the Valley and Ridge physiographic province about three to four miles north of the Cartersville Fault. The Cartersville Fault separates the late Precambrian-aged metamorphic rocks to the east and south from the Cambrian-aged sedimentary rocks to the north-northwest and west.

As described in the Hydrogeologic Report and Groundwater Monitoring Plan (Southern Company Services [SCS] 2006), the lithologies present in the landfill area of Plant Bowen from the ground surface to depth are terrace deposits, a residuum clay overburden, dolomite, and limestone bedrock. The Knox Group (dolomite and limestone bedrock) produces a characteristic orange to red clayey residuum (overburden) that ranges in thickness from 19 to 127 feet across the Site and often contains weathered chert and dolomite fragments. Silt and clay with some gravel and sand (terrace deposits) overlay the clayey residuum in some areas but are not continuous across the landfill area of Plant Bowen.

Two main hydrostratigraphic layers (water-bearing zones) are present at the Site: overburden (residuum clay), and bedrock (dolomite and limestone) – both units comprise the uppermost aquifer for groundwater monitoring purposes. The uppermost aquifer is unconfined. Overburden materials are heterogeneous ranging in composition from well-graded gravelly sand to fat clay. Bedrock underlying the Site (officially mapped as Knox undifferentiated) is a carbonate bedrock. Karst features within the underlying carbonate bedrock are predominately formed along initial discontinuities including joints, fissures (slots), fractures, and bedding planes or other linear features. These karst features may be partially or completely filled with soft unconsolidated sediments or may be empty or filled with water. The top of the karst features is usually identified as having a thin zone of weathered carbonate bedrock.

The water table commonly occurs in the lower overburden, but at some locations the water table is near the overburden-bedrock interface or in the upper fractured bedrock. Based on these data, it is assumed that the overburden and upper fractured bedrock are a single inter-connected water-bearing zone below the unsaturated overburden. Therefore, the saturated overburden and the upper fractured sedimentary bedrock together comprise the uppermost aquifer beneath the landfill area at Plant Bowen.



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
1 Introduction**

The groundwater flow in the Landfill Cells 1 & 2, 9 & 10 area is generally to the north-northeast and west-northwest in the Landfill Cells 3 & 4 area. However, there are variations in groundwater flow direction due to heterogeneous and anisotropic conditions at the Site.

1.3 Groundwater Monitoring System

The existing groundwater monitoring system meets the requirements listed in § 257.91 and 391-3-4.14; a groundwater monitoring system was installed at the Landfill that consists of a sufficient number of wells installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer to represent the groundwater quality both upgradient of the unit (i.e., background conditions) and passing the waste boundary of the unit. The number, spacing, and depths of the groundwater monitoring wells were selected based on the characterization of site-specific hydrogeologic conditions. Pursuant to 40 CFR § 257.91, the groundwater monitoring system was certified by a professional engineer on October 17, 2017; the certification is maintained in the Site's operating records. The locations of the compliance wells included in the groundwater monitoring system are presented on Figure 2. Well construction details are listed in Table 1.



2 Groundwater Monitoring Activities

The following describes monitoring-related activities performed from January to July 2022. Samples were collected in January-February 2022 from each of the wells in the groundwater monitoring system shown on Figure 2. Table 2 presents a summary of the 2022 groundwater sampling events completed for the Landfill during this monitoring period.

2.1 Monitoring Well Installation and Maintenance

Monitoring wells are inspected semi-annually to determine if repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In January-February 2022, monitoring wells were inspected, and necessary corrective actions were identified and subsequently completed, as documented in Appendix A.

The following modifications were made to the groundwater monitoring system during the 2022 reporting period:

- Georgia Power abandoned GWA-36 on March 15, 2022, due to persistent high turbidity during the January-February 2022 semi-annual groundwater sampling event, which identified possible filter pack sand in the pump used for purging and sampling of the well. The well was replaced with GWA-36A, which was located less than 50 feet from GWA-36. The well screen of GWA-36A was placed to intercept a water-bearing zone in the overburden similar to GWA-36.
- Georgia Power abandoned GWA-4 on March 14, 2022 without replacement due to the lack of continuous and persistent groundwater present in the overburden at that location.
- The Well Installation Report for GWA-36A and Abandonment Report for GWA-4 and GWA-36 were submitted on May 6, 2022 to GA EPD and are provided in Appendix B.

2.2 Detection Monitoring Program

Georgia Power currently monitors groundwater associated with the landfill under the detection groundwater monitoring program in accordance with § 257.94 and Solid Waste Management Rule 391-3-4-.14(22). The semi-annual detection monitoring event occurred in January-February 2022. Groundwater samples were collected from monitoring wells in the groundwater monitoring system (Figure 2) and analyzed for:

- Appendix III constituents according to § 257.94(a);
- A state-modified Appendix I list of detection constituents according to GA EPD Rules for Solid Waste Management 391-3-4-.14 and the approved D&O plan. The state-modified analyte list (D&O Appendix I Metals) includes antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc; and



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
2 Groundwater Monitoring Activities**

- Field parameters recorded during sampling including pH, temperature, turbidity, dissolved oxygen (DO), specific conductance, and oxidation-reduction potential (ORP).

2.3 Additional Sampling

An ephemeral spring at the Site, as shown on Figure 2, is checked for water during each groundwater sampling event. Water was not present in the spring during the January-February 2022 event and was not sampled.

In addition to routine Appendix I D&O and Appendix III constituents, groundwater samples from the January-February 2022 event were analyzed for major cations and anions. The chemical composition of groundwater based on major ion chemistry data will be used to evaluate groundwater quality. Results are included in laboratory reports discussed in Section 3.5.



3 Sample Methodology & Analyses

The following section presents a summary of the field sampling procedures that were implemented, and the groundwater sampling results that were obtained in connection with the detection monitoring program conducted January through July 2022.

3.1 Groundwater Elevation Measurements and Flow Direction

Prior to each sampling event, groundwater levels were recorded at each monitoring well and piezometer at the Landfill. The calculated groundwater elevations for the January-February 2022 sampling event are presented in Table 3.

The groundwater elevation data were used to develop potentiometric surface elevation contour maps (Figure 3 and 4). Review of Figures 3 and 4 shows that groundwater elevations vary between landfill cells due to topographic variations in the overburden-bedrock aquifer. Groundwater elevations are similar between the overburden and the upper bedrock at most onsite locations indicating hydraulic communication between the saturated overburden and upper bedrock. The general direction of groundwater flow in the overburden and bedrock of Landfill Cells 1 & 2 and 9 & 10 area is to the north-northeast, and to the west-northwest for Landfill Cells 3 & 4. Observed groundwater elevations and flow directions are consistent with previous observations.

3.2 Groundwater Gradient and Flow Velocity

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

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

Where:

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

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

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

n_e = Effective porosity

The general groundwater flow velocity for the Site is based on hydraulic gradients, average hydraulic conductivity based on previous slug test data, and an estimated effective porosity of 0.01 (based on default soil type value for silty clays to clays in US EPA 530/SW-89-031 [US EPA 1989]) for the screened horizon. The average hydraulic conductivity (measured in centimeters/second or cm/sec) values used in the soil aquifer calculations (2.54×10^{-5} cm/sec = 0.072 feet per day [ft/day]) and the bedrock aquifer calculations (1.26×10^{-4} cm/sec = 0.36 ft/day) are presented in the Plant Bowen Proposed Coal Combustion By-Product Storage Facility Site Acceptability Report (SCS, 2002). The general groundwater flow velocity calculation is presented in Table 4. Results for groundwater flow



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
3 Sample Methodology & Analyses**

velocities range from approximately 0.02 to 0.15 ft/day in the overburden aquifer and from approximately 0.02 to 0.29 ft/day in the bedrock aquifer, based on the range of calculated flow velocities presented in Table 4.

Lower groundwater velocities noted in the overburden material are due to the abundance of residual clays in this zone. Higher velocities noted in the upper fractured bedrock are attributed to preferential groundwater flow in the fractured bedrock. Groundwater flow in the Knox Dolomite Formation, underlying the Site, occurs in joints, fractures, bedding planes, and solution channels (Croft, 1963). These pathways can facilitate relatively higher groundwater flows in the upper fractured bedrock. However, the flow rates noted in the wells screened in the upper fractured bedrock (Table 4) also suggest an abundance of residual clays in the zone where the top of the carbonate bedrock is more weathered than the underlying karst features at the Site.

3.3 Continuous Water Level Monitoring (Hydrogeologic Monitoring)

Georgia Power continuously monitors groundwater level fluctuations in accordance with the Plant Bowen Site Acceptability Report - Hydrogeological Assessment and Demonstration of Engineering Measures (SCS, 2004). The hydrogeologic monitoring network provides site-wide water-level data, which are evaluated for changes in subsurface hydrologic conditions. The hydrogeologic data are evaluated weekly and reported semi-annually.

3.3.1 HYDROGEOLOGIC MONITORING NETWORK

Hydrogeologic monitoring locations shown on Figure 2 for Cells 1 & 2, 3 & 4, and 9 & 10 were selected following analysis of the interim data and review of historical groundwater elevations and potentiometric surface maps. Across the landfill cells, there are a total of 37 wells as of January 2022 currently equipped with transducers for monitoring water levels.

For the hydrogeologic monitoring network, Georgia Power utilized In-Situ® Instruments, Inc.'s Win-Situ® reporting software, and Level Troll 500® pressure transducers. Each pressure transducer was deployed in a selected monitoring well at a fixed depth and linked to its own telemetry box with a vented transducer cable. Groundwater levels were recorded multiple times daily from each well transducer, and each transducer was programmed to record fluctuations in water levels of ± 0.5 feet occurring within 4-hour recording schedules. The telemetry system relays water level data via satellite to a central data storage unit that can be accessed in real-time over the internet; whereby, the data can be checked for anomalous groundwater level fluctuations. Groundwater elevations, along with the river stage elevations and rainfall data, recorded between December 16, 2021, and June 3, 2022 are provided in two monitoring reports for the three disposal cell units as Appendix C: Memoranda on Hydrogeologic Monitoring Program.

Monitoring well GWA-36 was abandoned on March 16, 2022 and replaced with new monitoring well GWA-36A on March 18, 2022. A new transducer has not been installed in replacement well GWA-36A. During this reporting period, the data for the transducer location at GWA-36 are not continuous because this transducer was offline due to drilling activities. During the past six-month period, transducers from wells GWA-3A, GWC-25R, and GWC-49R were inspected to troubleshoot the telemetry systems. SCS



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
3 Sample Methodology & Analyses**

staff have identified the potential issues associated with GWC-25R and GWC-49R and are working on correcting these in time for the upcoming hydrogeological monitoring period. The ongoing data upload issues associated with GWA-3A have yet to be resolved and are being investigated.

The United States Geological Survey (USGS) river gauge (#02394670) at Cartersville, Georgia was used to monitor the surface water elevations in the Etowah River. Rainfall data are also obtained from the USGS station #02394670 on the Etowah River at Georgia Route 61 and from an on-site rain gauge.

3.3.2 HYDROGEOLOGIC MONITORING RESULTS

The hydrogeologic monitoring network pressure transducers are operational and collecting continuous groundwater elevation data, with the exceptions described in Appendix C. Tables in the hydrogeologic monitoring memoranda (Appendix C) list identified data anomalies and the causes during the monitoring period. Observed disruptions in the transducer water levels were found to be directly attributed to: (a) drawdown during sampling events, water level gauging, and well development, (b) maintenance of wells, transducers, or telemetry units, or (c) significant rainfall events (greater than 1.5 inches of rain). The December 16, 2021, through June 3, 2022, hydrologic monitoring data did not show water level fluctuations or sudden decreases in groundwater elevation data attributed to subsurface changes that might be indicative of land subsidence or sinkhole formation.

3.4 Groundwater Sampling

Groundwater samples were collected for the January-February 2022 monitoring event. Sampling procedures were conducted in accordance with US EPA Region 4 Laboratory Services and Applied Science Division operating procedures (US EPA 2013, 2017). Monitoring wells were purged and sampled using low-flow sampling procedures. Dedicated or non-dedicated low-flow pneumatic bladder pumps were used to purge and sample the wells. A SmartTroll® or AquaTroll® (In-Situ field instrument) was used to monitor and record field water quality parameters (pH, conductivity, DO, temperature, and ORP) and a Hach 2100Q was used to measure turbidity during well purging to verify stabilization prior to sampling.

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

- pH \pm 0.1 Standard Units
- Specific conductance \pm 5%
- \pm 10% for DO where DO > 0.5 milligrams per liter (mg/L). No criterion applies if DO < 0.5 mg/L.
- Turbidity measurements less than 5 Nephelometric Turbidity Units (NTUs), or between 5 and 10 NTUs after 3 hours of purging.
- Temperature – Record only, not used for stabilization criteria.
- ORP – Record only, not used for stabilization criteria.



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
3 Sample Methodology & Analyses**

Once stabilization was achieved, samples were collected into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Pace® Analytical Services (Pace) in Peachtree Corners (Atlanta), Georgia following standard chain-of-custody protocol. Stabilization logs and Equipment Calibration forms are included in Appendix D.

3.5 Laboratory Analyses

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

The groundwater analytical results from the January-February 2022 detection event and the April 2022 verification event are summarized in Tables 5 through 7. The Pace laboratory reports associated with these results are provided in Appendix D. The pH field measurements recorded during the detection monitoring and verification sampling events are also provided in Tables 5 through 7.

3.6 Quality Assurance & Quality Control

During each sampling event, quality assurance/quality control (QA/QC) samples were collected. Equipment blanks (where non-dedicated sampling equipment is used) were collected at a rate of one QA/QC sample per 10 groundwater samples. Blind field duplicate samples were collected by filling additional containers at the same location during the sampling event at a rate of one QA/QC sample per 10 groundwater samples. Field blanks were also collected to evaluate ambient conditions at the sampling locations at a rate of one QA/QC sample per 10 groundwater samples.

QA/QC of the groundwater data were assessed by performing a data quality evaluation of the reported laboratory results. A data quality evaluation was conducted on the data using laboratory precision and accuracy, and analytical method requirements (US EPA, 2002). The data quality evaluations are included in Appendix D.

The analytical results provided in Table 5 provide concentrations from the January-February 2022 groundwater sampling event and the April 2022 verification event as reported by the laboratory. When values are followed by a "J" flag, this indicates that the value is an estimated analyte concentration detected between the method detection limit and the laboratory reporting limit. The estimated value is positively identified but is below the lowest level that can be reliably achieved within specified limits of precision and accuracy under routine laboratory operating conditions. Radium values followed by a "U" flag indicate that the constituent was not detected above the analytical minimum detectable concentration. The data are considered usable for meeting project objectives and the results are considered valid.



4 Statistical Analysis

This section presents a summary of the statistical approach applied to assess the 2022 semi-annual groundwater data for potential SSIs of permit stipulated constituents reported in downgradient compliance wells relative to the available historical dataset. The statistical analyses used at the Site for Appendix I D&O and CCR Rule Appendix III constituents were conducted pursuant to § 257.93 and Rule 391-3-4-.14 in accordance with the recommended statistical methodology provided in 2017 MacStat Consulting, Ltd. and based on methodology presented in Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance, March 2009, EPA 530/R-09-007 (US EPA, 2009).

In August 2019, Georgia Power submitted a minor permit modification to GA EPD to allow for the inclusion of intrawell methods for Appendix I D&O constituents. A trend test was recommended to evaluate the naturally occurring barium concentrations in well GWC-13RZ. On February 26, 2021, Georgia Power submitted a minor modification to implement a two-step statistical approach for the detection monitoring program to address initial SSIs over background for constituents currently analyzed using an intrawell statistical approach. This approach was approved by GA EPD in a letter dated April 19, 2021. The two-step analysis is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine “background” (Unified Guidance, Chapter 7, Section 7.5).

On February 25, 2022, Georgia Power updated the Statistical Analysis Method Certification (certified by a registered PE) to combine Cells 1&2 and Cells 9&10 overburden and bedrock wells because both units comprise the uppermost aquifer for groundwater monitoring purposes.

4.1 Statistical Methods

Descriptions of the statistical analyses of groundwater quality data obtained in the GSC Statistical Analysis Reports are provided in Appendix E. Table 8 provides a summary of the statistical methodology used at Cells 1 & 2, 3 & 4, and 9 & 10 for the January-February 2022 event. Sanitas™ groundwater statistical software was used to perform the statistical analyses. Sanitas™ is a commercially available decision support software package that incorporates the statistical tests required of Subtitle C and D facilities by US EPA regulations and guidance as recommended in the Unified Guidance (US EPA, 2009) document. Detailed statistical methods used for Appendix I D&O and Appendix III constituents are discussed in statistical analysis packages provided in Appendix E and summarized in Section 4.1.1.

4.1.1 APPENDIX I AND APPENDIX III STATISTICAL METHOD

Intrawell and interwell methods were used to analyze the January-February 2022 and April 2022 resampling groundwater monitoring event results, as summarized in Table 8. Eligibility for intrawell methods is discussed in detail in the Statistical Analysis Reports (Appendix E). In instances where a potential SSI was identified by intrawell statistical methods, interwell statistical methods were used as a second step to determine if the initial exceedance was below a sitewide background limit. If the concentrations exceeded both the intrawell and interwell prediction limits, then an additional re-sample



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
 Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
 4 Statistical Analysis**

(i.e., 1 of 2 resampling) may be collected to verify the potential SSI. When a re-sample result does not exceed the intrawell prediction limit, then the result is not declared an SSI. If the resample exceeds the prediction limit or a resample is not collected, the SSI is verified and declared. In instances where a potential SSI was identified by interwell statistical methods, a re-sample may be collected to verify the initial result. When a re-sample result does not exceed the prediction limit, then the result is not declared an SSI. If the resample exceeds the prediction limit or a resample is not collected, the SSI is verified and declared.

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

4.2 Statistical Analyses Results

Statistical analysis of the January-February 2022 detection monitoring event Appendix III and Appendix I D&O constituent data is provided in Appendix E. The January-February 2022 and April 2022 groundwater data were statistically analyzed by GSC.

Using the intrawell and interwell and 1 of 2 resampling approach described in Section 4.1.1 for the January-February 2022 data and April 2022 verification data, five well constituent pair exceedances were identified for Cells 3 & 4 and four exceedances were identified for Cells 1 & 2 and 9 & 10. Summaries of the statistical results showing downgradient prediction limit exceedances by landfill cells are provided below for Appendix III CCR constituents (Table 9) and the Appendix I D&O constituents (Table 10).

**TABLE 9
 DOWNGRADIENT PREDICTION LIMIT EXCEEDANCE SUMMARY
 APPENDIX III CCR Constituents
 January-February 2022
 Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
 Bartow County, Georgia**

Appendix III Constituents	Downgradient Wells with Prediction Limit Exceedances
Cells 1 & 2 and 9 & 10	
Chloride	GWC-48*
pH (lower limit)	GWC-48**
Cells 3 & 4	
Calcium	GWC-16R**, GWC-17R**, GWC-21R**, and GWC-23R**

*Prediction limit exceedance based on April 2022 resampling event results.

** Not an SSI due to previous April 19, 2018 ASD



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
 Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
 4 Statistical Analysis**

**TABLE 10
 DOWNGRAIENT PREDICTION LIMIT EXCEEDANCE SUMMARY
 APPENDIX I D&O Constituents
 January-February 2022
 Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
 Bartow County, Georgia**

Appendix I D&O Constituents	Downgradient Wells with Prediction Limit Exceedances
Cells 1 & 2 and 9 & 10	
Beryllium	GWC-5*
Mercury	GWC-48*
Cells 3 & 4	
Antimony	GWC-16R**

*Prediction limit exceedance based on April 2022 resampling event results.

**Not an SSI due to previous August 30, 2017 ASD



5 Alternate Source Demonstration

Alternate Source Demonstrations (ASDs) were previously submitted to GA EPD under separate report covers to address SSIs of Appendix I D&O and Appendix III constituents. Based on GA EPD guidance, ASDs no longer require concurrence if an SSI has not been detected for two consecutive events, which indicates natural variability. SSIs confirmed during this reporting period and previous event (July-August 2021) are addressed by previous ASDs listed below. SSIs from the previous event not confirmed during this reporting period are noted in the table.

Alternate Source Demonstration	Constituent	Well	Status of Approval by GA EPD
Amec Foster Wheeler Environment & Infrastructure, Inc., Alternate Source Demonstration Plant Bowen Cells 3 & 4 Solid Waste Disposal Facility Permit No. 008-018D (LI), August 30, 2017	Antimony	GWC-16R	Submitted
Wood Environment & Infrastructure Solutions, Inc., Alternate Source Demonstration Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 Solid Waste Disposal Facility Permit No. 008-018D (LI), April 19, 2018	pH	GWC-44 ⁽¹⁾ , GWC-45 ⁽¹⁾ , GWC-48, GWC-49Z ⁽¹⁾	Approved 1/30/2019
	Barium	GWC-13RZ ⁽¹⁾	
	Calcium	GWC-16R, GWC-17R, GWC-21R, GWC-23R	
	Chloride	GWC-13RZ ⁽¹⁾	
	Zinc	GWC-47 ⁽¹⁾	
Wood Environment & Infrastructure Solutions, Inc., Alternate Source Demonstration for March 2020 Semi-Annual Event Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 Solid Waste Disposal Facility, Permit No. 008-018D (LI) August 31, 2020	pH	GWC-9 ⁽¹⁾ , GWC-49R ⁽¹⁾	Submitted
	Zinc	GWC-47R ⁽¹⁾	



**2022 Semi-Annual Groundwater Monitoring & Corrective Action Report
 Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
 5 Alternate Source Demonstration**

Alternate Source Demonstration	Constituent	Well	Status of Approval by GA EPD
Wood Environment & Infrastructure Solutions, Inc., Alternate Source Demonstration for Barium, Chromium, and Sulfate, February-March 2021	Barium	GWC-48 ⁽¹⁾	Submitted
	Chromium	GWC-46R ⁽¹⁾	

Note:

¹ SSI from the previous event not confirmed during this reporting period.



6 Monitoring Program Status

Groundwater monitoring for the Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 is in the detection monitoring phase. In January-February 2022, the first semi-annual monitoring event was conducted, and exceedances of statistical prediction limits were identified. Statistical exceedances of one Appendix III (chloride in GWC-48) and two Appendix I D&O constituents (beryllium in GWC-5, and mercury in GWC-48) were verified with resampling in April 2022, each detected below their respective maximum contaminant levels (MCLs). The remaining statistical exceedances were either addressed by the resampling results not verifying exceedances from the initial event or previously addressed in the ASDs. An ASD will be submitted by November 29, 2022 to address the verified SSIs not previously addressed. Groundwater monitoring at Plant Bowen Landfill Cells 1 & 2, 3 & 4, 9 & 10 will continue in the detection monitoring phase.



7 Conclusions & Future Actions

This 2022 Semi-Annual Groundwater Monitoring & Corrective Action Report for Georgia Power's Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 was prepared to fulfill the requirements of both applicable federal and state CCR Rules and GA EPD Solid Waste Management Rules (40 CFR § 257.90(e), 391-3-4-.10, and 391-3-4-.14). In January-February 2022, verified statistical exceedances of one Appendix III and two Appendix I D&O constituents that had not been addressed by a previous ASD (chloride in GWC-48; beryllium in GWC-5, and mercury in GWC-48) were identified. No statistical exceedances were above a primary or secondary MCL. The remaining statistical exceedances were either addressed by resampling results not verifying the initial exceedance or in previous ASDs. These statistical exceedances identified during the 2022 reporting period are not thought to be the result of a release from the Landfill Cells 1 & 2, 3 & 4, and 9 & 10 and are attributed to natural variability of groundwater chemistry underlying the Site. An ASD will be submitted to address the SSIs not previously addressed in the ASDs by November 29, 2022. Pursuant to 40 CFR § 257.94(e) and § 391-3-4.14.23(c), Georgia Power will continue detection monitoring at the Site. The next scheduled 2022 semi-annual groundwater monitoring event is scheduled for August-September 2022.



8 References

- Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec), 2017. Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 Alternate Source Demonstration Cells 3 & 4 (Antimony in wells GWC-16R and GWC-21R, and Nickel in wells GWC-16R), August 30, 2017.
- Croft, M.G., 1963. Geology and ground-water resources of Bartow County, Georgia. U.S. Geological Survey Water-Supply Paper 1619-FF, 37 p.
- Southern Company Services, Inc. (SCS) 2002. Plant Bowen Coal Combustion By-Products Storage Facility Site Acceptability Report.
- Southern Company Services, Inc. 2004. Plant Bowen Proposed Coal Combustion By-Product Monofill Addendum I Site Acceptability Report – Hydrogeological Assessment and Demonstration of Engineering Measures.
- Southern Company Services, Inc. 2006. Plant Bowen Coal Combustion By-Product Disposal Facility-Hydrogeologic Report and Groundwater Monitoring Plan – Revision 1.
- U. S. Environmental Protection Agency (US EPA), 1989. USEPA 530/SW-89-031 Interim Final RCRA Investigation (RFI) Guidance, Volume I and II.
- US EPA, 2002. Data Validation Standard Operating Procedures and Quality Assurance Manual., November.
- US EPA, March 2009. Unified Guidance, Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. USEPA 350/R-09/007 Office of Solid Waste Management Division, U.S. Environmental Protection Agency, Washington, D. C.
- US EPA, 2013. Groundwater Sampling, SESDPROC-301-R3.
- US EPA, 2017. Groundwater Sampling; Science and Ecosystem Support Division, United States Environmental Protection Agency (US EPA) Region 4, SESDPROC-301-R4, April 26, 2017.
- Wood Environment & Infrastructure Solutions, Inc., 2018. Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 Alternate Source Demonstration Cells 1 & 2, 3 & 4, and 9 & 10 (Barium, Zinc, pH, Calcium, Chloride, Sulfate, and TDS various wells), April 19, 2018.
- Wood Environment & Infrastructure Solutions, Inc., 2020. Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 Alternate Source Demonstration for March 2020 Semi-Annual Event Cells 1 & 2, 3 & 4, and 9 & 10 (Barium, Zinc, pH, Calcium, Chloride, Sulfate, and TDS various wells), August 31, 2020.
- Wood Environment & Infrastructure Solutions, Inc., 2021. Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 Alternate Source Demonstration for Barium, Chromium, and Sulfate February-March 2021 Semi-Annual Event Cells 1 & 2, 3 & 4, and 9 & 10 (Chromium in GWC-46R, Barium and Sulfate in GWC-48), November 19, 2021.



TABLES



TABLE 1
Summary of Monitoring Well Construction

Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia

Well Name	Installation Date	Northing (ft NAD83) ⁽¹⁾	Easting (ft NAD83) ⁽¹⁾	Ground Surface Elevation (ft, NAVD88) ⁽²⁾	Top of Casing Elevation (ft, NAVD88) ⁽²⁾	Top of Screen Elevation (ft, NAVD88) ⁽³⁾	Bottom of Screen Elevation (ft, NAVD88) ⁽³⁾	Screen Length (ft)	Well Depth (ft below ground surface)	Lithology Screened	Hydraulic Location and Purpose
GWA-1	4/12/2007	1502842.29	2071724.15	738.86	741.76	601.13	591.13	10	147.90	Overburden/Bedrock	Cells 1 & 2 - Upgradient ⁽⁴⁾
GWA-2	4/4/2007	1502640.55	2071935.13	731.48	733.89	590.00	580.00	10	151.92	Overburden/Bedrock	Cells 1 & 2 - Upgradient ⁽⁴⁾
GWA-2R	8/3/2007	1502615.38	2071965.52	732.66	734.83	637.53	627.53	10	106.03	Bedrock	Cells 1 & 2 - Upgradient ⁽⁴⁾
GWA-3	4/11/2007	1502386.74	2072067.26	729.90	732.47	644.90	634.90	10	95.40	Overburden	Cells 1 & 2 - Upgradient ⁽⁴⁾
GWA-3A	3/16/2021	1502374.48	2072061.21	728.68	731.68	601.88	591.88	10	137.27	Overburden	Cells 1 & 2 - Upgradient ⁽⁴⁾
GWA-4 ⁽⁷⁾	3/14/2007	1502241.02	2072318.24	740.40	743.06	680.91	670.91	10	69.64	Overburden	Cells 1 & 2 - Upgradient ⁽⁵⁾
GWA-4R	3/13/2007	1502246.31	2072317.15	740.65	743.23	657.60	647.60	10	93.17	Bedrock	Cells 1 & 2 - Upgradient ⁽⁵⁾
GWA-4RZ	10/28/2016	1502238.85	2072329.55	740.04	742.84	633.04	623.04	10	117.00	Bedrock	Cells 1 & 2 - Upgradient ⁽⁴⁾
GWA-50	6/4/2008	1502154.80	2072442.13	728.74	731.21	644.71	634.71	10	94.33	Overburden	Cells 1 & 2 - Upgradient ⁽⁴⁾
GWA-50R	6/10/2008	1502150.85	2072448.35	727.87	730.37	599.69	589.69	10	138.48	Bedrock	Cells 1 & 2 - Upgradient ⁽⁴⁾
GWC-5	4/18/2006	1502341.56	2072677.44	735.11	737.56	634.00	624.00	10	111.29	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-6	5/1/2007	1502520.08	2072962.89	725.97	728.64	628.35	618.35	10	107.53	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-6RZ	4/28/2015	1502502.00	2072900.50	728.66	731.91	633.66	623.66	10	105.30	Bedrock	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-7Z	5/19/2016	1502640.13	2073193.22	709.70	713.04	606.00	596.00	10	114.00	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-8Z	4/28/2015	1502827.67	2073526.15	698.68	702.09	635.68	625.68	10	73.30	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-8RR	6/27/2011	1502857.71	2073501.74	698.96	701.92	601.96	591.96	10	107.30	Bedrock	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-9	8/16/2006	1503018.96	2073781.05	691.99	694.67	631.81	621.81	10	70.47	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-10	9/6/2006	1503162.70	2074019.96	684.89	687.87	626.70	616.70	10	68.33	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-10R	5/15/2007	1503154.01	2074020.44	685.33	687.95	599.83	589.83	10	95.18	Bedrock	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-11	6/1/2007	1503390.40	2073829.95	675.04	677.83	643.28	633.28	10	41.71	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-11R	5/31/2007	1503395.25	2073828.03	675.98	677.73	608.08	598.08	10	78.85	Bedrock	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-12	6/4/2007	1503662.54	2073693.63	674.66	677.25	636.56	626.56	10	48.41	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-13	5/31/2007	1503898.17	2073495.16	684.19	686.76	613.75	603.75	10	80.43	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-13R	6/5/2007	1503908.53	2073501.95	683.17	685.97	594.17	584.17	10	99.10	Bedrock	Cells 1 & 2 - Downgradient ⁽⁵⁾
GWC-13RZ	11/2/2016	1503926.70	2073517.44	681.71	684.60	589.71	579.71	10	102.00	Bedrock	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-14	8/22/2007	1504059.92	2073205.96	684.04	686.81	616.30	606.30	10	78.01	Overburden	Cells 1 & 2 - Downgradient ⁽⁵⁾
GWC-14Z	11/3/2016	1504060.77	2073193.66	684.34	687.28	621.34	611.34	10	73.00	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-15	6/1/2007	1503943.59	2072927.52	692.75	695.19	635.74	625.74	10	67.11	Overburden	Cells 1 & 2 - Downgradient ⁽⁵⁾
GWC-15Z	10/31/2016	1503952.26	2072918.71	693.28	695.92	631.28	621.28	10	72.00	Overburden	Cells 1 & 2 - Downgradient ⁽⁴⁾
GWC-15R	5/24/2007	1503936.17	2072919.39	693.39	696.13	611.25	601.25	10	92.36	Bedrock	Cells 1 & 2 - Downgradient ⁽⁴⁾

TABLE 1
Summary of Monitoring Well Construction

Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia

Well Name	Installation Date	Northing (ft NAD83) ⁽¹⁾	Easting (ft NAD83) ⁽¹⁾	Ground Surface Elevation (ft, NAVD88) ⁽²⁾	Top of Casing Elevation (ft, NAVD88) ⁽²⁾	Top of Screen Elevation (ft, NAVD88) ⁽³⁾	Bottom of Screen Elevation (ft, NAVD88) ⁽³⁾	Screen Length (ft)	Well Depth (ft below ground surface)	Lithology Screened	Hydraulic Location and Purpose
GWA-36 ⁽⁶⁾	6/16/2011	1505057.77	2073384.03	681.89	684.50	616.19	606.19	10	76.00	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-36A ⁽⁶⁾	3/18/2022	1505026.95	2073357.46	680.63	683.75	588.80	578.80	10	102.16	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-36R	6/15/2011	1505051.72	2073384.47	681.41	684.16	605.71	595.71	10	86.00	Bedrock	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-36RA	7/2/2021	1505060.13	2073365.45	682.26	684.50	583.26	573.26	10	109.40	Bedrock	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-37	9/11/2013	1505345.45	2073069.32	700.44	703.72	606.24	596.24	10	104.50	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-38	6/13/2011	1505501.33	2072831.77	713.32	716.24	658.62	648.62	10	65.00	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-51RZ	3/1/2016	1505310.36	2073781.34	705.81	708.58	625.11	615.11	10	91.00	Bedrock	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-52	4/21/2015	1505459.85	2073876.00	706.56	709.77	635.96	625.96	10	80.96	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-53	4/10/2015	1505695.52	2074038.90	707.61	710.99	600.11	590.06	10	117.85	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-53R	4/10/2015	1505689.06	2074032.00	708.38	711.58	554.38	543.24	11	165.44	Bedrock	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-54	4/14/2015	1505853.39	2074286.28	701.23	704.23	638.23	628.36	10	73.17	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-55	4/15/2015	1506034.69	2074507.04	693.43	696.72	641.33	631.31	10	62.42	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-55R	4/15/2015	1506041.22	2074517.62	693.28	696.53	600.78	590.75	10	102.83	Bedrock	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWA-56	4/16/2015	1506128.38	2074633.08	689.14	692.17	616.48	606.48	10	82.96	Overburden	Cells 3 & 4 - Upgradient ⁽⁴⁾
GWC-16R	12/13/2011	1505877.86	2072607.38	727.77	730.59	643.07	633.07	10	95.00	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-17R	12/8/2011	1506069.29	2072829.29	730.02	733.37	650.82	640.82	10	89.50	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-18	6/6/2011	1506306.70	2072929.28	718.92	721.88	651.22	642.22	9	77.00	Overburden	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-18R	6/2/2011	1506301.39	2072929.47	718.97	721.76	591.77	581.77	10	137.50	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-19R	6/7/2011	1506395.96	2073158.36	723.13	726.31	589.43	579.43	10	144.00	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-20R	6/9/2011	1506602.14	2073486.53	717.63	720.59	643.63	633.63	10	84.30	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-21R	12/16/2011	1506695.89	2073784.42	720.45	723.07	641.25	631.25	10	89.50	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-22R	6/14/2011	1506717.93	2074105.65	712.54	715.41	605.84	595.84	10	117.00	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-23R	6/28/2011	1506701.61	2074446.53	688.02	690.94	651.32	641.32	10	47.00	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-24R	6/21/2011	1506694.13	2074806.11	673.76	676.57	647.06	637.06	10	37.00	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾
GWC-25R	6/21/2011	1506494.89	2075088.90	673.59	676.42	586.89	576.89	10	97.00	Bedrock	Cells 3 & 4 - Downgradient ⁽⁴⁾

TABLE 1
Summary of Monitoring Well Construction

Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia

Well Name	Installation Date	Northing (ft NAD83) ⁽¹⁾	Easting (ft NAD83) ⁽¹⁾	Ground Surface Elevation (ft, NAVD88) ⁽²⁾	Top of Casing Elevation (ft, NAVD88) ⁽²⁾	Top of Screen Elevation (ft, NAVD88) ⁽³⁾	Bottom of Screen Elevation (ft, NAVD88) ⁽³⁾	Screen Length (ft)	Well Depth (ft below ground surface)	Lithology Screened	Hydraulic Location and Purpose
GWA-39Z	3/1/2016	1502655.66	2071120.65	731.80	735.15	628.10	618.10	10	114.00	Overburden	Cells 9 & 10 - Upgradient ⁽⁴⁾
GWA-39RZ	11/4/2016	1502618.73	2071164.20	729.57	732.62	602.57	592.57	10	137.00	Bedrock	Cells 9 & 10 - Upgradient ⁽⁴⁾
GWA-40	6/7/2011	1503195.09	2071299.94	728.93	731.77	589.03	579.03	10	150.20	Overburden	Cells 9 & 10 - Upgradient ⁽⁴⁾
GWA-41	6/6/2011	1503519.02	2071046.18	738.91	742.35	646.41	636.41	10	102.54	Overburden	Cells 9 & 10 - Upgradient ⁽⁴⁾
GWA-41R	6/1/2011	1503527.39	2071050.84	737.95	743.08	635.19	625.19	10	113.06	Bedrock	Cells 9 & 10 - Upgradient ⁽⁴⁾
GWA-42	6/1/2011	1503823.34	2071049.95	734.45	738.05	662.69	652.69	10	82.06	Overburden	Cells 9 & 10 - Upgradient ⁽⁴⁾
GWA-43	5/25/2011	1504129.20	2070982.44	707.61	710.94	627.71	617.71	10	90.20	Overburden	Cells 9 & 10 - Upgradient ⁽⁴⁾
GWA-43R	5/24/2011	1504117.39	2070973.14	707.80	711.19	594.10	584.10	10	124.20	Bedrock	Cells 9 & 10 - Upgradient ⁽⁴⁾
GWC-44	6/9/2011	1504436.66	2071414.30	710.15	712.89	637.22	627.22	10	83.23	Overburden	Cells 9 & 10 - Downgradient ⁽⁴⁾
GWC-45	5/17/2007	1504539.38	2071956.71	698.41	701.53	643.98	633.98	10	64.73	Overburden	Cells 9 & 10 - Downgradient ⁽⁴⁾
GWC-45R	5/22/2007	1504538.68	2071945.39	699.00	702.02	583.56	573.56	10	125.74	Bedrock	Cells 9 & 10 - Downgradient ⁽⁴⁾
GWC-46R	8/15/2014	1504522.23	2072184.47	687.94	690.49	641.84	631.84	10	56.50	Bedrock	Cells 9 & 10 - Downgradient ⁽⁴⁾
GWC-47	4/23/2014	1504543.69	2072481.34	687.44	690.86	630.44	620.44	10	67.33	Overburden	Cells 9 & 10 - Downgradient ⁽⁴⁾
GWC-47R	4/24/2014	1504539.25	2072467.10	687.71	691.13	616.91	606.91	10	81.20	Bedrock	Cells 9 & 10 - Downgradient ⁽⁴⁾
GWC-48	6/8/2011	1504490.63	2072851.71	686.20	688.33	642.70	632.70	10	54.00	Overburden	Cells 9 & 10 - Downgradient ⁽⁴⁾
GWC-49Z	3/1/2016	1504238.30	2072896.49	706.12	709.11	626.92	616.92	10	89.50	Overburden	Cells 9 & 10 - Downgradient ⁽⁴⁾
GWC-49R	4/17/2014	1504246.02	2072918.76	706.24	709.56	585.54	575.54	10	131.10	Bedrock	Cells 9 & 10 - Downgradient ⁽⁴⁾

Notes:

- (1) NAD83 indicates elevation in feet (ft) referenced to the North American Datum of 1983. Coordinates are from March 2021 re-survey of the Landfill wells by Donaldson & Garret Associates, Inc.
- (2) NAVD88 indicates elevation in ft referenced to the North American Vertical Datum 1988. Elevations are from March 2021 re-survey of the Landfill wells by Donaldson & Garret Associates, Inc.
- (3) Screen elevations calculated using depth below ground surface and ground surface elevations from the March 2021 re-survey.
- (4) Monitoring wells are measured for water levels and sampled for groundwater quality.
- (5) Water level piezometer measured for water level only.
- (6) Total well depth provided on well construction logs.
- (7) GWA-4 was abandoned on 3/14/2022 without replacement due to lack of continuous and persistent groundwater present in the overburden.
- (8) GWA-36 was abandoned on 3/16/2022 and was replaced with new well GWA-36A, completed on 3/18/2022 with installation of protective cover and pad.

TABLE 2
Groundwater Sampling Event Summary

Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia

Well ID	Hydraulic Location	Summary of Sampling Events		Status of Monitoring Well
		January 25 - February 17, 2022	April 28, 2022	
Purpose of Sampling Event		Detection	Verification	
LANDFILL CELLS 1 & 2 MONITORING WELL SYSTEM				
GWA-1	Upgradient	X		Detection Monitoring
GWA-2	Upgradient	X		Detection Monitoring
GWA-2R	Upgradient	X		Detection Monitoring
GWA-3A	Upgradient	X		Detection Monitoring
GWA-4RZ	Upgradient	X		Detection Monitoring
GWA-50	Upgradient	X		Detection Monitoring
GWA-50R	Upgradient	X		Detection Monitoring
GWC-5	Downgradient	X	X	Detection Monitoring
GWC-6	Downgradient	X		Detection Monitoring
GWC-6RZ	Downgradient	X		Detection Monitoring
GWC-7Z	Downgradient	X		Detection Monitoring
GWC-8Z	Downgradient	X		Detection Monitoring
GWC-8RR	Downgradient	X		Detection Monitoring
GWC-9	Downgradient	X		Detection Monitoring
GWC-10	Downgradient	X		Detection Monitoring
GWC-10R	Downgradient	X		Detection Monitoring
GWC-11	Downgradient	X		Detection Monitoring
GWC-11R	Downgradient	X		Detection Monitoring
GWC-12	Downgradient	X	X	Detection Monitoring
GWC-13	Downgradient	X		Detection Monitoring
GWC-13RZ	Downgradient	X		Detection Monitoring
GWC-14Z	Downgradient	X		Detection Monitoring
GWC-15Z	Downgradient	X		Detection Monitoring
GWC-15R	Downgradient	X		Detection Monitoring

TABLE 2
Groundwater Sampling Event Summary

Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia

Well ID	Hydraulic Location	Summary of Sampling Events		Status of Monitoring Well
		January 25 - February 17, 2022	April 28, 2022	
Purpose of Sampling Event		Detection	Verification	
LANDFILL CELLS 3 & 4 MONITORING WELL SYSTEM				
GWA-36RA	Upgradient	X		Detection Monitoring
GWA-37	Upgradient	X		Detection Monitoring
GWA-38	Upgradient	X		Detection Monitoring
GWA-51RZ	Upgradient	X		Detection Monitoring
GWA-52	Upgradient	X		Detection Monitoring
GWA-53	Upgradient	X		Detection Monitoring
GWA-53R	Upgradient	X		Detection Monitoring
GWA-54	Upgradient	X		Detection Monitoring
GWA-55	Upgradient	X		Detection Monitoring
GWA-55R	Upgradient	X		Detection Monitoring
GWA-56	Upgradient	X		Detection Monitoring
GWC-16R	Downgradient	X		Detection Monitoring
GWC-17R	Downgradient	X		Detection Monitoring
GWC-18	Downgradient	X		Detection Monitoring
GWC-18R	Downgradient	X		Detection Monitoring
GWC-19R	Downgradient	X		Detection Monitoring
GWC-20R	Downgradient	X		Detection Monitoring
GWC-21R	Downgradient	X		Detection Monitoring
GWC-22R	Downgradient	X		Detection Monitoring
GWC-23R	Downgradient	X		Detection Monitoring
GWC-24R	Downgradient	X		Detection Monitoring
GWC-25R	Downgradient	X		Detection Monitoring

TABLE 2
Groundwater Sampling Event Summary

Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia

Well ID	Hydraulic Location	Summary of Sampling Events		Status of Monitoring Well
		January 25 - February 17, 2022	April 28, 2022	
Purpose of Sampling Event		Detection	Verification	
LANDFILL CELLS 9 & 10 MONITORING WELL SYSTEM				
GWA-39Z	Upgradient	X		Detection Monitoring
GWA-39RZ	Upgradient	X		Detection Monitoring
GWA-40	Upgradient	X		Detection Monitoring
GWA-41	Upgradient	X		Detection Monitoring
GWA-41R	Upgradient	X		Detection Monitoring
GWA-42	Upgradient	X		Detection Monitoring
GWA-43	Upgradient	X		Detection Monitoring
GWA-43R	Upgradient	X		Detection Monitoring
GWC-44	Downgradient	X		Detection Monitoring
GWC-45	Downgradient	X		Detection Monitoring
GWC-45R	Downgradient	X		Detection Monitoring
GWC-46R	Downgradient	X		Detection Monitoring
GWC-47	Downgradient	X		Detection Monitoring
GWC-47R	Downgradient	X		Detection Monitoring
GWC-48	Downgradient	X	X	Detection Monitoring
GWC-49Z	Downgradient	X		Detection Monitoring
GWC-49R	Downgradient	X		Detection Monitoring

Notes:

X - indicates well sampled during event

**TABLE 3
SUMMARY OF GROUNDWATER ELEVATIONS**

**Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia**

Well ID	Top of Casing Elevation (feet NAVD88)	Depth to Water (feet, below TOC) 1/24/2022	Groundwater Elevation (feet NAVD88) 1/24/2022
Landfill Cells 1 & 2			
GWA-1	741.76	83.62	658.14
GWA-2	733.89	78.92	654.97
GWA-2R	734.83	79.09	655.74
GWA-3A	731.68	76.11	655.57
GWA-4	743.06	Dry	Dry
GWA-4R	743.23	85.38	657.85
GWC-4RZ	742.84	85.66	657.18
GWA-50	731.21	59.89	671.32
GWA-50R	730.37	73.15	657.22
GWC-5	737.56	76.85	660.71
GWC-6	728.64	70.72	657.92
GWC-6RZ	731.91	74.46	657.45
GWC-7Z	713.04	55.46	657.58
GWC-8Z	702.09	45.36	656.73
GWC-8RR	701.92	45.18	656.74
GWC-9	694.67	39.77	654.90
GWC-10	687.87	32.92	654.95
GWC-10R	687.95	32.99	654.96
GWC-11	677.83	22.70	655.13
GWC-11R	677.73	22.63	655.10
GWC-12	677.25	21.78	655.47
GWC-13	686.76	31.15	655.61
GWC-13R	685.97	30.55	655.42
GWC-13RZ	684.60	62.21	622.39
GWC-14	686.81	31.12	655.69
GWC-14Z	687.28	30.65	656.63
GWC-15	695.19	38.70	656.49
GWC-15R	696.13	39.83	656.30
GWC-15Z	695.92	39.52	656.40

**TABLE 3
SUMMARY OF GROUNDWATER ELEVATIONS**

**Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia**

Well ID	Top of Casing Elevation (feet NAVD88)	Depth to Water (feet, below TOC) 1/24/2022	Groundwater Elevation (feet NAVD88) 1/24/2022
Landfill Cells 3 & 4			
GWA-36	684.50	31.49	653.01
GWA-36RA	684.50	32.20	652.30
GWA-37	703.72	49.32	654.40
GWA-38	716.24	50.53	665.71
GWA-51RZ	708.58	55.39	653.19
GWA-52	709.77	56.17	653.60
GWA-53	710.99	57.28	653.71
GWA-53R	711.58	57.92	653.66
GWA-54	704.23	50.38	653.85
GWA-55	696.72	42.93	653.79
GWA-55R	696.53	42.78	653.75
GWA-56	692.17	38.42	653.75
GWC-16R	730.59	78.81	651.78
GWC-17R	733.37	82.82	650.55
GWC-18	721.88	73.13	648.75
GWC-18R	721.76	72.69	649.07
GWC-19R	726.31	76.58	649.73
GWC-20R	720.59	70.47	650.12
GWC-21R	723.07	71.17	651.90
GWC-22R	715.41	63.26	652.15
GWC-23R	690.94	38.56	652.38
GWC-24R	676.57	24.20	652.37
GWC-25R	676.42	23.24	653.18

**TABLE 3
SUMMARY OF GROUNDWATER ELEVATIONS**

**Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia**

Well ID	Top of Casing Elevation (feet NAVD88)	Depth to Water (feet, below TOC) 1/24/2022	Groundwater Elevation (feet NAVD88) 1/24/2022
Landfill Cells 9 & 10			
GWA-39Z	735.15	65.80	669.35
GWA-39RZ	732.62	64.08	668.54
GWA-40	731.77	67.64	664.13
GWA-41	742.35	77.32	665.03
GWA-41R	743.08	78.04	665.04
GWA-42	738.05	75.54	662.51
GWA-43	710.94	50.54	660.40
GWA-43R	711.19	50.94	660.25
GWC-44	712.89	50.62	662.27
GWC-45	701.53	39.18	662.35
GWC-45R	702.02	49.39	652.63
GWC-46R	690.49	37.68	652.81
GWC-47	690.86	38.40	652.46
GWC-47R	691.13	38.61	652.52
GWC-48	688.33	35.64	652.69
GWC-49Z	709.11	53.42	655.69
GWC-49R	709.56	54.14	655.42

Notes:

TOC - top of casing

NAVD88 indicates the North American Vertical Datum 1988. Elevations from March 2021 re-survey of the Landfill wells by Donaldson & Garret Associates, Inc.

**TABLE 4
GROUNDWATER FLOW VELOCITY CALCULATIONS -
JANUARY 2022**

**Georgia Power Company - Plant Bowen
Landfill Cells 1&2, 3&4, and 9&10
Bartow County, Georgia**

Flow Paths		Groundwater Elevations in Well Pairs (h ₁ , h ₂) (feet)		Change in Elevation (Δh) (feet)	Distance Measured (L) (feet)	Hydraulic Gradient (i) (feet/foot)	Average Hydraulic Conductivity (K) (feet/day)	Estimated Effective Porosity (n _e)	Calculated Groundwater Flow Velocity (V) (feet/day)	Calculated Groundwater Flow Velocity (V) (feet/year)
Landfill Cells 1 & 2	Overburden GWC-5 to GWC-9	660.71	654.90	5.81	1302	0.004	0.072	0.01	0.03	11.7
	Overburden GWC-15 to GWC-14	656.49	655.69	0.80	326	0.002	0.072	0.01	0.02	6.4
	Overburden GWA-50 to GWC-6	671.32	657.92	13.40	650	0.021	0.072	0.01	0.15	54.2
	Bedrock GWC-8RR to GWC-10R	656.74	654.96	1.78	600	0.003	0.36	0.01	0.11	39.0
	Bedrock GWA-1 to GWA-2R	658.14	655.74	2.40	350	0.007	0.36	0.01	0.25	90.1
	Bedrock GWA-4R to GWC-6RZ	657.85	657.45	0.40	625	0.001	0.36	0.01	0.02	8.4
Landfill Cells 3 & 4	Overburden GWA-53 to GWC-18	653.71	648.75	4.96	1250	0.004	0.072	0.01	0.03	10.4
	Overburden GWA-37 to GWC-18	654.40	648.75	5.65	977	0.006	0.072	0.01	0.04	15.2
	Bedrock GWA-53R to GWC-18R	653.66	649.07	4.59	1265	0.004	0.36	0.01	0.13	47.7
	Bedrock GWA-36R to GWC-16R	653.00	651.78	1.22	1115	0.001	0.36	0.01	0.04	14.4
	Bedrock GWC-25R to GWC-21R	653.18	651.90	1.28	1325	0.001	0.36	0.01	0.03	12.7
Landfill Cells 9 & 10	Overburden GWA-41 to GWC-44	665.03	662.27	2.76	975	0.003	0.072	0.01	0.02	7.4
	Overburden GWC-49Z to GWC-48	655.69	652.69	3.00	250	0.012	0.072	0.01	0.09	31.5
	Overburden GWC-45 to GWC-47	662.35	652.46	9.89	525	0.019	0.072	0.01	0.14	49.5
	Bedrock GWA-41R to GWA-43R	665.04	660.25	4.79	600	0.008	0.36	0.01	0.29	104.9
	Bedrock GWC-49R to GWC-47R	655.42	652.52	2.90	547	0.005	0.36	0.01	0.19	69.7
	Bedrock GWA-43R to GWC-45R	660.25	652.63	7.62	1050	0.007	0.36	0.01	0.26	95.4

Notes:

The average hydraulic conductivity values, measured in centimeters/second (cm/sec) used in the soil aquifer calculations (2.54 x 10⁻⁵ cm/sec = 0.072 ft/day) and the bedrock aquifer calculations (1.26 x 10⁻⁴ cm/sec = 0.36 ft/day) are presented in the 2002 Plant Bowen Proposed Coal Combustion By-Product Storage Facility Site Acceptability Report. An estimated effective porosity of 0.01 (based on default soil type value for silty clays to clays in USEPA 530/SW-89-031) of the screened horizon.

**Table 5
Groundwater Analytical Data Summary
Landfill Cells 1 and 2**

Constituent		Well ID								
		GWA-1	GWA-2	GWA-2R	GWA-3A	GWA-4RZ	GWA-50	GWA-50R	GWC-5	
		2/1/2022	2/1/2022	2/1/2022	2/2/2022	2/3/2022	2/1/2022	2/2/2022	2/2/2022	4/28/2022
Appendix III	Boron	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	NA
	Calcium	34.1	48	34.1	22.6	57.7	1.5	0.93 J	3.7	NA
	Chloride	1.2	1.4	0.77 J	1.9	2.6	0.91 J	0.7 J	0.66 J	NA
	Fluoride	< 0.1	< 0.1	< 0.1	< 0.1	0.15	< 0.1	< 0.1	< 0.1	NA
	pH	7.52	6.3	6.62	7.94	7.2	5.61	5.17	5.9	5.78
	Sulfate	0.93 J	86.1	1.5	3.4	20.7	< 1.0	0.53 J	1.0	NA
	TDS	143	202	114	104	243	21	15	32	NA
Appendix I	Antimony	0.0028 J	< 0.003	0.0029 J	< 0.003	< 0.003	0.0015 J	< 0.003	< 0.003	NA
	Arsenic	< 0.005	0.0019 J	0.0053	< 0.005	0.0034 J	< 0.005	< 0.005	< 0.005	NA
	Barium	0.015	0.026	0.024	0.0064	0.063	0.0065	0.009	0.012	NA
	Beryllium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.000055 J	0.00075	0.00078
	Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	NA
	Cobalt	< 0.005	< 0.005	0.00093 J	< 0.005	0.0059	< 0.005	< 0.005	< 0.005	NA
	Copper	< 0.005	< 0.005	0.00096 J	< 0.005	< 0.005	0.0017 J	0.0033 J	0.024	NA
	Fluoride	< 0.1	< 0.1	< 0.1	< 0.1	0.15	< 0.1	< 0.1	< 0.1	NA
	Lead	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	NA
	Mercury	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA
	Nickel	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0008 J	0.00089 J	0.0088	NA
	Selenium	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA
	Silver	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0012 J	< 0.005	NA
	Thallium	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	NA
Vanadium	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	
Zinc	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.034	NA	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. Bolded cells indicate concentration above maximum contaminant level.
5. Appendix III - indicator parameters evaluated during Detection Monitoring
6. NA indicates constituent was not analyzed.

**Table 5
Groundwater Analytical Data Summary
Landfill Cells 1 and 2**

Constituent		Well ID								
		GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9	GWC-10	GWC-10R	GWC-11
		2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/2/2022	2/4/2022	2/4/2022	2/4/2022
Appendix III	Boron	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
	Calcium	15.5	10.5	26.9	23.9	20.8	2.2	21.3	46.3	19.2
	Chloride	1.1	1.3	0.76 J	0.77 J	1.4	2.1	1.9	2.2	1.1
	Fluoride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	pH	7.4	6.8	7.54	8.13	8.92	4.81	6.53	7.69	7.2
	Sulfate	1.7	1.5	1.3	0.72 J	0.72 J	2.5	1.2	1.1	1.7
	TDS	73	51	115	102	85	21	102	156	120
Appendix I	Antimony	< 0.003	< 0.003	0.00093 J	0.0015 J	< 0.003	< 0.003	< 0.003	0.0016 J	< 0.003
	Arsenic	< 0.005	0.0012 J	0.002 J	0.0013 J	0.0011 J	0.0013 J	0.0023 J	0.0019 J	0.0023 J
	Barium	0.0064	0.0066	0.015	0.013	0.024	0.044	0.022	0.028	0.01
	Beryllium	< 0.0005	0.00007 J	< 0.0005	< 0.0005	0.000064 J	0.00018 J	0.00021 J	< 0.0005	< 0.0005
	Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	Cobalt	< 0.005	< 0.005	0.00042 J	< 0.005	< 0.005	0.00043 J	0.0018 J	< 0.005	< 0.005
	Copper	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Fluoride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Lead	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	Mercury	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	Nickel	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0011 J	0.0014 J	< 0.005	< 0.005
	Selenium	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Silver	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Thallium	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vanadium	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Zinc	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. Bolded cells indicate concentration above maximum contaminant level.
5. Appendix III - indicator parameters evaluated during Detection Monitoring
6. NA indicates constituent was not analyzed.

Table 5
Groundwater Analytical Data Summary
Landfill Cells 1 and 2

Constituent		Well ID							
		GWC-11R	GWC-12		GWC-13	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z
		2/4/2022	2/2/2022	4/28/2022	2/17/2022	2/4/2022	2/4/2022	2/4/2022	2/7/2022
Appendix III	Boron	< 0.04	< 0.04	NA	0.015 J	0.017 J	< 0.04	< 0.04	< 0.04
	Calcium	34.8	8.4	NA	29.3	43.9	14.3	41.7	26.1
	Chloride	1.4	0.79 J	NA	3.1	6.1	3.6	1.2	0.6 J
	Fluoride	< 0.1	< 0.1	NA	< 0.1	0.13	< 0.1	< 0.1	< 0.1
	pH	7.58	6.35	6.33	7.24	7.46	6.06	7.61	7.83
	Sulfate	1.5	< 1.0	NA	6.9	63.1	6.4	8.3	0.64 J
	TDS	157	54	NA	119	262	92	162	121
Appendix I	Antimony	< 0.003	< 0.003	NA	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
	Arsenic	0.0035 J	0.0027 J	NA	< 0.005	0.0035 J	0.0019 J	0.0026 J	0.0025 J
	Barium	0.021	0.023	NA	0.02	0.11	0.014	0.017	0.012
	Beryllium	< 0.0005	< 0.0005	NA	0.000089 J	< 0.0005	0.00011 J	< 0.0005	< 0.0005
	Cadmium	< 0.0005	0.0012	0.00067	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	Cobalt	< 0.005	0.0034 J	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Copper	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Fluoride	< 0.1	< 0.1	NA	< 0.1	0.13	< 0.1	< 0.1	< 0.1
	Lead	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	Mercury	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	Nickel	< 0.005	0.0025 J	NA	< 0.005	< 0.005	< 0.005	0.00093 J	< 0.005
	Selenium	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Silver	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Thallium	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vanadium	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Zinc	< 0.02	0.019 J	NA	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. Bolded cells indicate concentration above maximum contaminant level.
5. Appendix III - indicator parameters evaluated during Detection Monitoring
6. NA indicates constituent was not analyzed.

Table 6
Groundwater Analytical Data Summary
Landfill Cells 3 and 4

Constituent	Well ID								
	GWA-36RA	GWA-37	GWA-38	GWA-51RZ	GWA-52	GWA-53	GWA-53R	GWA-54	
	1/26/2022	1/26/2022	1/25/2022	1/26/2022	1/25/2022	1/26/2022	1/26/2022	1/25/2022	
Appendix III	Boron	0.012 J	< 0.04	< 0.04	0.0088 J	< 0.04	< 0.04	< 0.04	< 0.04
	Calcium	41	0.7 J	1.1	50.5	28.6	29.6	30.4	24.3
	Chloride	2.4	0.88 J	3.2	2.9	1.5	2.2	2.4	0.81 J
	Fluoride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	pH	7.01	4.69	5.14	7.78	7.44	7.72	7.78	7.38
	Sulfate	7.5	< 1.0	0.58 J	22.2	8.6	1.4	1.6	1.4
	TDS	184	26	27	190	136	131	144	113
Appendix I	Antimony	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
	Arsenic	< 0.005	0.0019 J	< 0.005	0.0047 J	0.003 J	< 0.005	< 0.005	< 0.005
	Barium	0.035	0.0046 J	0.012	0.034	0.023	0.013	0.014	0.031
	Beryllium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.00007 J	< 0.0005	< 0.0005
	Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	Chromium	< 0.005	< 0.005	0.0014 J	< 0.005	0.0012 J	< 0.005	< 0.005	0.0013 J
	Cobalt	< 0.005	< 0.005	0.0011 J	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Copper	< 0.005	0.013	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Lead	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	Mercury	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	Nickel	< 0.005	0.016	0.00093 J	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Selenium	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Silver	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Thallium	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	Vanadium	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. Bolded cells indicate concentration above maximum contaminant level.
5. Appendix III - indicator parameters evaluated during Detection Monitoring

Table 6
Groundwater Analytical Data Summary
Landfill Cells 3 and 4

Constituent		Well ID						
		GWA-55	GWA-55R	GWA-56	GWC-16R	GWC-17R	GWC-18	GWC-18R
		1/26/2022	1/27/2022	1/26/2022	1/28/2022	1/28/2022	1/28/2022	1/27/2022
Appendix III	Boron	< 0.04	< 0.04	0.014 J	0.021 J	< 0.04	< 0.04	< 0.04
	Calcium	53.2	44.4	37.6	68.5	64.7	19.1	29.3
	Chloride	5.8	4.5	5.2	1.6	4.6	2.1	2.3
	Fluoride	< 0.1	< 0.1	0.076 J	0.17	< 0.1	< 0.1	< 0.1
	pH	7.21	7.27	7.45	7.31	7.34	6.6	7.76
	Sulfate	32.5	20.7	47.1	11.9	7.6	1.6	2.1
	TDS	244	207	278	317	302	99	146
Appendix I	Antimony	< 0.003	< 0.003	< 0.003	0.027	< 0.003	< 0.003	< 0.003
	Arsenic	< 0.005	0.0019 J	0.0015 J	< 0.005	< 0.005	< 0.005	< 0.005
	Barium	0.026	0.032	0.032	0.049	0.018	0.044	0.014
	Beryllium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.000055 J
	Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	Chromium	< 0.005	< 0.005	< 0.005	0.0011 J	< 0.005	0.0014 J	0.0015 J
	Cobalt	0.0035 J	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Copper	< 0.005	< 0.005	< 0.005	0.00088 J	< 0.005	< 0.005	< 0.005
	Lead	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	Mercury	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	Nickel	< 0.005	< 0.005	< 0.005	0.0063	< 0.005	< 0.005	< 0.005
	Selenium	0.0025 J	0.0016 J	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Silver	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Thallium	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	Vanadium	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc	< 0.02	< 0.02	< 0.02	0.026	< 0.02	< 0.02	< 0.02	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. Bolded cells indicate concentration above maximum contaminant level.
5. Appendix III - indicator parameters evaluated during Detection Monitoring

Table 6
Groundwater Analytical Data Summary
Landfill Cells 3 and 4

Constituent		Well ID						
		GWC-19R	GWC-20R	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
		1/27/2022	1/27/2022	1/28/2022	1/27/2022	1/28/2022	1/28/2022	1/27/2022
Appendix III	Boron	< 0.04	< 0.04	0.011 J	< 0.04	< 0.04	< 0.04	< 0.04
	Calcium	33.2	36.2	60	36.9	64.9	34.4	34.4
	Chloride	2.5	1.9	4.6	2.5	1.7	2.2	2.4
	Fluoride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	pH	7.74	7.73	6.69	7.28	7.38	7.68	7.46
	Sulfate	3.9	1.7	13.7	1.3	98.4	2.3	2.0
	TDS	149	176	290	167	454	159	168
Appendix I	Antimony	< 0.003	< 0.003	0.0061	< 0.003	< 0.003	< 0.003	< 0.003
	Arsenic	< 0.005	< 0.005	0.0031 J	0.0045 J	0.0026 J	0.0021 J	< 0.005
	Barium	0.016	0.028	0.037	0.06	0.036	0.025	0.017
	Beryllium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	Chromium	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Cobalt	< 0.005	< 0.005	< 0.005	0.0011 J	< 0.005	< 0.005	< 0.005
	Copper	< 0.005	< 0.005	< 0.005	< 0.005	0.00068 J	< 0.005	< 0.005
	Lead	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	Mercury	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	Nickel	< 0.005	< 0.005	0.0014 J	0.00076 J	< 0.005	< 0.005	< 0.005
	Selenium	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Silver	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Thallium	< 0.001	< 0.001	0.00021 J	< 0.001	< 0.001	< 0.001	< 0.001
	Vanadium	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Zinc	< 0.02	< 0.02	< 0.02	< 0.02	0.0099 J	< 0.02	< 0.02	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. Bolded cells indicate concentration above maximum contaminant level.
5. Appendix III - indicator parameters evaluated during Detection Monitoring

Table 7
Groundwater Analytical Data Summary
Landfill Cells 9 and 10

Constituent		Well ID								
		GWA-39RZ	GWA-39Z	GWA-40	GWA-41	GWA-41R	GWA-42	GWA-43	GWA-43R	GWC-44
		2/2/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022	1/31/2022
Appendix III	Boron	< 0.04	< 0.04	< 0.04	< 0.04	0.016 J	< 0.04	< 0.04	0.011 J	0.015 J
	Calcium	32.6	12.7	18.5	14.5	39.3	37.3	2.2	30.6	11.2
	Chloride	1.5	1.0	0.71 J	1.0	1.0	2.0	1.1	1.7	4.2
	Fluoride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	pH	6.89	6.41	6.85	6.02	6.63	7.17	5.71	8.04	4.78
	Sulfate	4.5	1.2	1.2	1.8	8.5	1.1	< 1.0	2.5	29.7
	TDS	143	61	81	63	184	132	25	128	63
Appendix I	Antimony	< 0.003	< 0.003	0.0014 J	< 0.003	0.0011 J	< 0.003	< 0.003	< 0.003	< 0.003
	Arsenic	< 0.005	0.0021 J	< 0.005	< 0.005	< 0.005	< 0.005	0.0013 J	< 0.005	< 0.005
	Barium	0.013	0.013	0.0081	0.022	0.031	0.0063	0.014	0.0076	0.047
	Beryllium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.00014 J	< 0.0005	< 0.0005	0.000065 J
	Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.00018 J	< 0.0005	< 0.0005	< 0.0005
	Chromium	0.0012 J	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0011 J	< 0.005
	Cobalt	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0017 J
	Copper	< 0.005	< 0.005	< 0.005	< 0.005	0.0028 J	< 0.005	0.0014 J	< 0.005	0.00053 J
	Lead	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
	Mercury	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
	Nickel	< 0.005	< 0.005	< 0.005	< 0.005	0.00091 J	0.0011 J	0.00077 J	< 0.005	< 0.005
	Selenium	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0018 J
	Silver	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
	Thallium	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vanadium	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Zinc	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	

Notes:

1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. TDS indicates total dissolved solids
5. Appendix III - indicator parameters evaluated during Detection Monitoring
6. NA indicates constituent was not analyzed.

Table 7
Groundwater Analytical Data Summary
Landfill Cells 9 and 10

Constituent	Well ID									
	GWC-45	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48		GWC-49R	GWC-49Z	
	2/1/2022	2/1/2022	1/31/2022	2/1/2022	2/1/2022	1/31/2022	4/28/2022	2/1/2022	2/1/2022	
Appendix III	Boron	0.019 J	0.022 J	< 0.04	0.011 J	0.01 J	< 0.04	NA	< 0.04	0.0087 J
	Calcium	1.1	43.9	39.9	21.3	29.4	2.8	NA	26	0.62 J
	Chloride	0.79 J	4.3	1.7	2.0	2.3	4.8	5.0	1.1	0.93 J
	Fluoride	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NA	< 0.1	< 0.1
	pH	4.88	7.15	7.48	7.55	7.54	4.86	5.0	7.63	5.0
	Sulfate	< 1.0	6.1	5.2	4.3	9.4	1.2	NA	2.5	0.93 J
	TDS	70	201	197	107	157	31	NA	125	27
Appendix I	Antimony	0.002 J	< 0.003	< 0.003	< 0.003	0.0024 J	< 0.003	NA	< 0.003	0.00097 J
	Arsenic	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
	Barium	0.0072	0.026	0.011	0.0081	0.0077	0.038	NA	0.011	0.003 J
	Beryllium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.00036 J	NA	< 0.0005	< 0.0005
	Cadmium	< 0.0005	< 0.0005	< 0.0005	0.00014 J	< 0.0005	0.0002 J	NA	< 0.0005	< 0.0005
	Chromium	< 0.005	< 0.005	0.0051	0.0015 J	0.0022 J	0.002 J	NA	< 0.005	< 0.005
	Cobalt	0.0013 J	< 0.005	< 0.005	< 0.005	< 0.005	0.0021 J	NA	< 0.005	0.00066 J
	Copper	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
	Lead	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001
	Mercury	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00039	0.0004	< 0.0002	< 0.0002
	Nickel	0.0011 J	< 0.005	< 0.005	< 0.005	< 0.005	0.0052	NA	< 0.005	0.0014 J
	Selenium	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
	Silver	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
	Thallium	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001
	Vanadium	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Zinc	< 0.02	< 0.02	< 0.02	0.038	0.029	< 0.02	NA	< 0.02	< 0.02	

Notes:

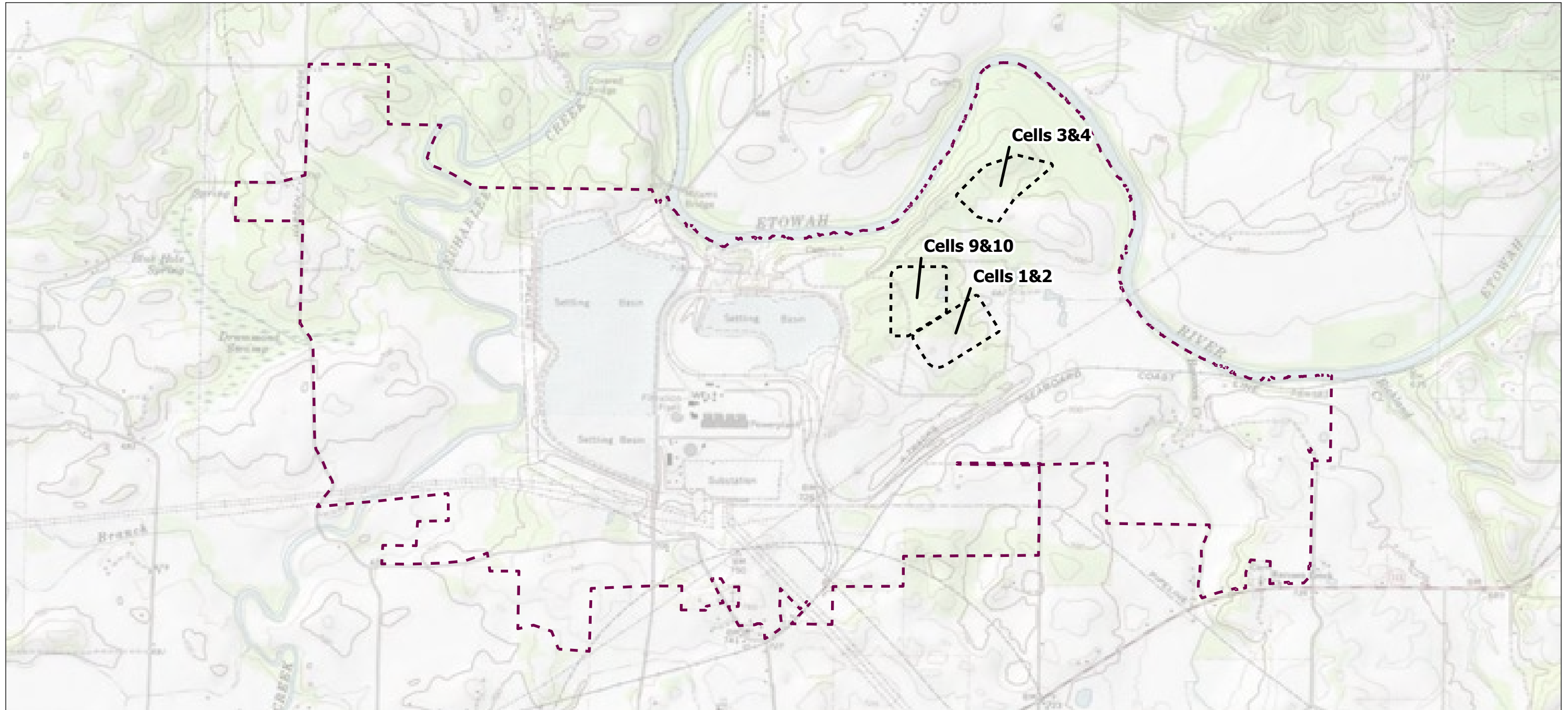
1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical method detection limit (MDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. TDS indicates total dissolved solids
5. Appendix III - indicator parameters evaluated during Detection Monitoring
6. NA indicates constituent was not analyzed.

**TABLE 8
STATISTICAL METHOD SUMMARY**

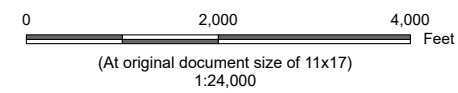
Statistical Methodology	Data Screening on Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	Interwell statistical limits are applied on a parameter basis, depending on the appropriateness of the method as determined by the Analysis of Variance. Intrawell statistical limits are applied on a parameter basis, depending on the appropriateness of the method.
	Prediction Limits	When data contain between 15-50% non-detects the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit. Non-parametric means data sets contain greater than 50% non-detects or data are not normally or transformed-normally distributed.
	Management of Non-Detects	When data contain less than 15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the practical quantitation limit (PQL) as reported by the laboratory. When data contain between 15-50% non-detects the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
	Confidence Intervals	Used in Assessment and Corrective Action monitoring.
	No Statistical Testing	Statistical testing is not required for parameters containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
	Verification Resample Plan	Optional 1-of-2 with minimum of 8 samples per well for interwell testing. Optional 1-of-3 or 1-of-2 with minimum of 8 samples per well for intrawell testing.
	Statistical Methodology	Optional

FIGURES





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



Project Location
Euharlee, Georgia

Prepared by DMB on 8/30/2022
TR by MP on 8/30/2022
IR by MD on 8/30/2022

Client/Project
Georgia Power
2022 Semi-Annual Groundwater Monitoring and Corrective
Action Report - Plant Bowen Cells 1 & 2, 3 & 4, and 9 & 10
172678190

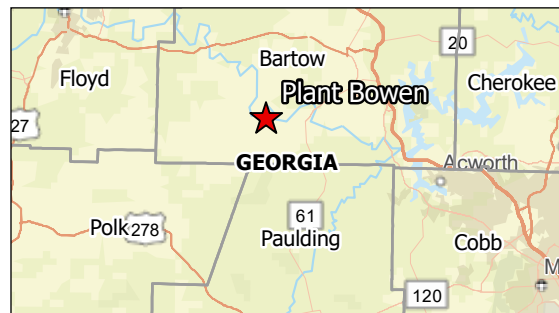
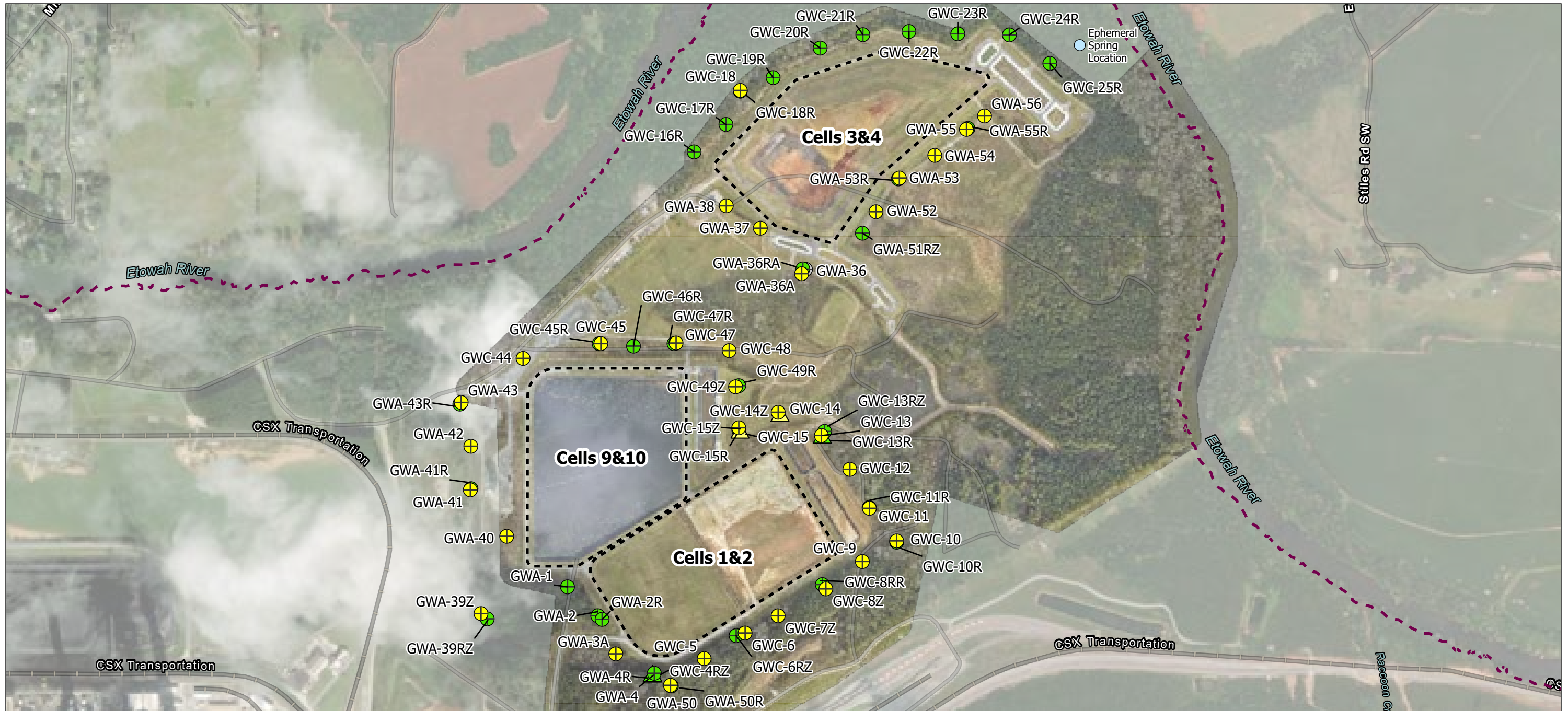
Figure No.

1

Title

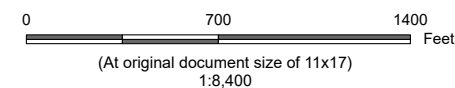
Site Location Map

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



- Legend**
- Abandoned Groundwater Monitoring Well
 - Abandoned Water Level Piezometer
 - Groundwater Monitoring Well (Overburden)
 - Water Level Piezometer (Overburden)
 - Groundwater Monitoring Well (Bedrock)
 - Water Level Piezometer (Bedrock)
 - Ephemeral Spring Location
 - Approximate Site Boundary
 - Landfill Cell Boundary (Approximate)

GWA-36 abandoned 3/16/2022.
 GWA-4 abandoned 3/15/2022.
 GWA-36A installed 3/18/2022.



Project Location
 Euahlee, Georgia

Prepared by DMB on 8/30/2022
 TR by MP on 8/30/2022
 IR by MD on 8/30/2022

Client/Project
 Georgia Power
 2022 Semi-Annual Groundwater Monitoring and Corrective
 Action Report - Plant Bowen Cells 1 & 2, 3 & 4, and 9 & 10

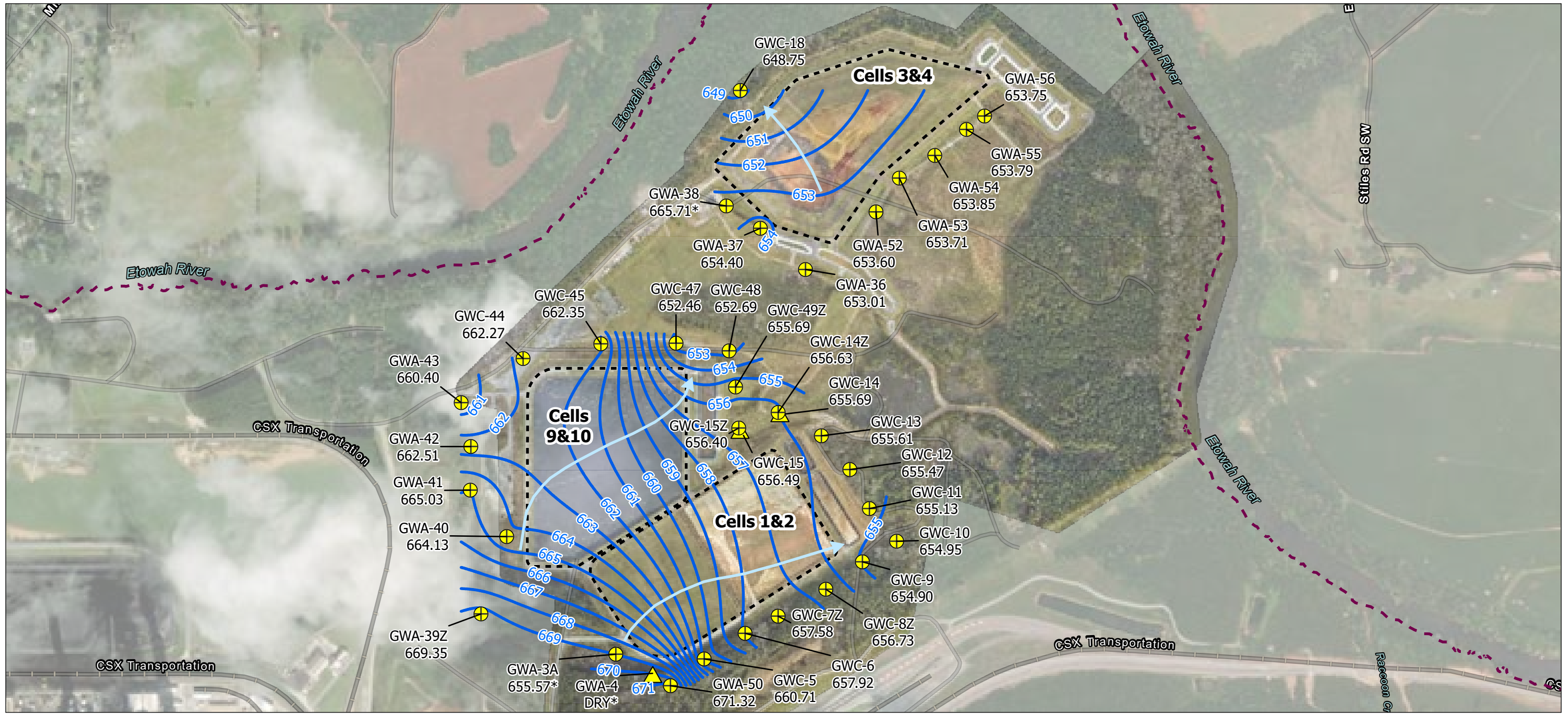
Figure No.

2

Title

Groundwater Monitoring System

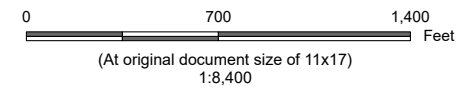
Notes
 1. Coordinate System: NAD 1983 StatePlane Georgia West FIPS 1002 Feet
 2. Data Sources: Landfill Boundaries, Site Boundary, and Monitoring Well locations provided by Southern Company Services and Wood Environment & Infrastructure Solutions
 3. Plant imagery provided by client. Supplemental Background: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



- Legend**
- Groundwater Monitoring Well (Overburden)
 - Water Level Piezometer (Overburden)
 - Interpreted Groundwater Flow Direction
 - Potentiometric Surface Contour Jan 2022 (feet (ft) NAVD88)
 - Approximate Site Boundary
 - Landfill Cell Boundary (Approximate)
- 669.35 Groundwater Elevation (ft NAVD88)

* Indicates groundwater elevation in wells GWA-3A, GWA-4, and GWA-38 were not used in contouring.

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



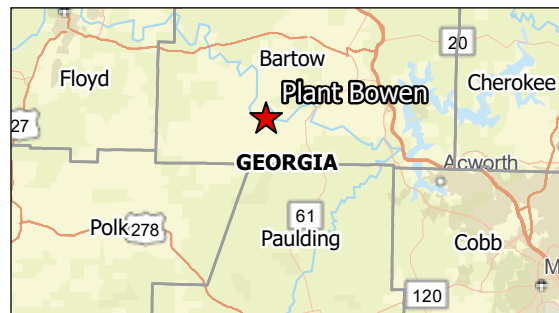
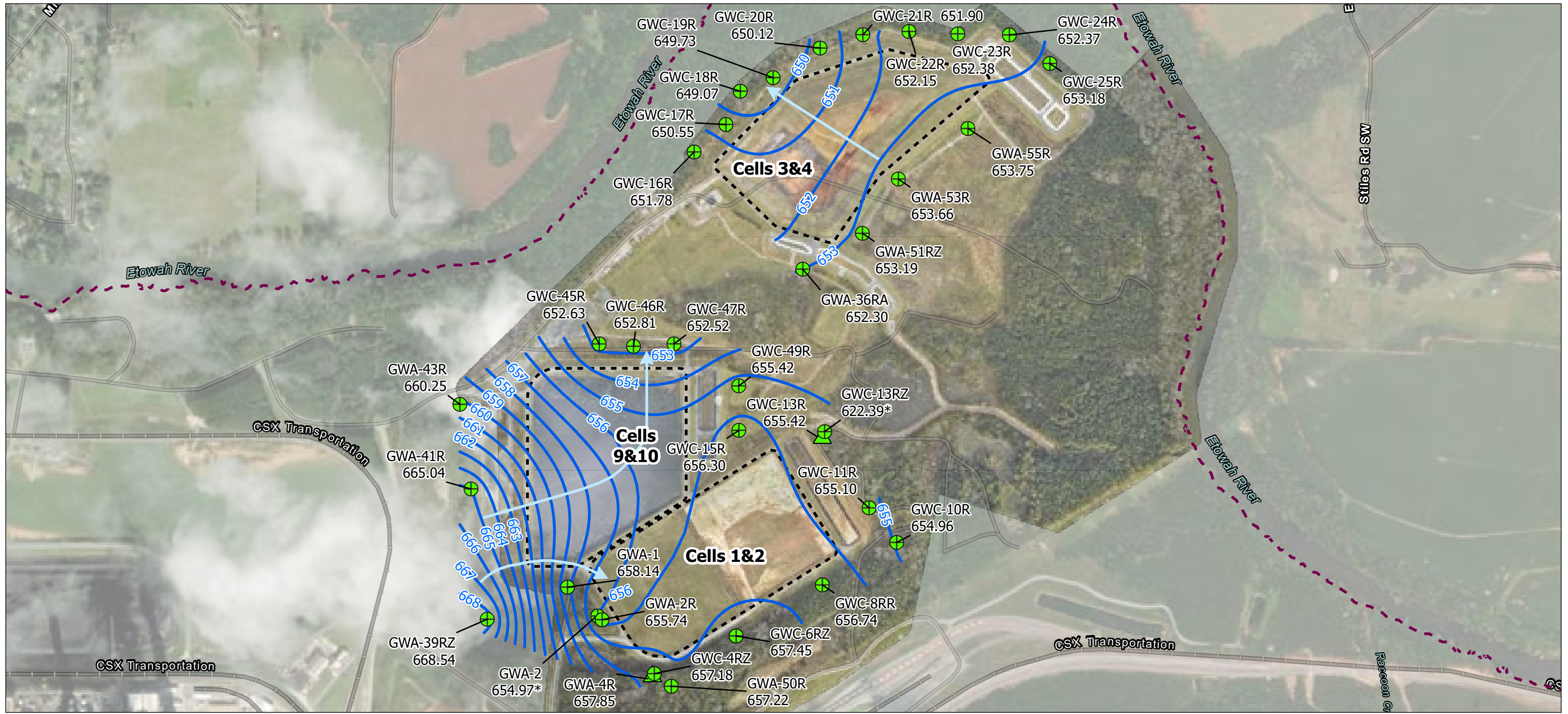
Project Location
 Euharlee, Georgia

Prepared by DMB on 8/30/2022
 TR by MP on 8/30/2022
 IR by MD on 8/30/2022

Client/Project
 Georgia Power
 2022 Semi-Annual Groundwater Monitoring and Corrective Action Report - Plant Bowen Cells 1 & 2, 3 & 4, and 9 & 10

Figure No.
 3

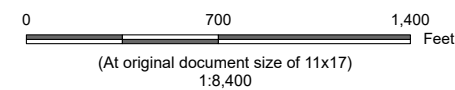
Title
 Potentiometric Surface - Overburden Wells January 2022



- Legend**
- Groundwater Monitoring Well (Bedrock)
 - ▲ Water Level Piezometer (Bedrock)
 - Interpreted Groundwater Flow Direction
 - Potentiometric Surface Contour Jan 2022 (feet (ft) NAVD88)
 - - - Approximate Site Boundary
 - - - Landfill Cell Boundary (Approximate)
 - 668.54 Groundwater Elevation (ft NAVD88)

* Indicates groundwater elevation in wells GWA-2 and GWC-13RZ were not used in contouring.

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



Project Location: Euharlee, Georgia
 Prepared by DMB on 8/30/2022
 TR by MP on 8/30/2022
 IR by MD on 8/30/2022

Client/Project: Georgia Power
 2022 Semi-Annual Groundwater Monitoring and Corrective Action Report - Plant Bowen Cells 1 & 2, 3 & 4, and 9 & 10
 Figure No. 172678190

Figure No.

4

Title: **Potentiometric Surface - Bedrock Wells January 2022**

APPENDIX A WELL INSPECTIONS





MEMORANDUM

Date: June 21, 2022
To: Kristen Jurinko – Georgia Power
CC: Ben Hodges
From: Resolute Environmental
Subject: Plant Bowen Landfill - Well Maintenance and Repair Documentation
Georgia Power Company

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

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Plant Bowen Landfill	1/27/2022	GWC-18	Installed Dedicated Pump
Plant Bowen Landfill	3/22/2022	GWA-36A	Develop Well
Plant Bowen Landfill	4/5/2022	GWC-36A	Installed Dedicated Pump
Plant Bowen Landfill	4/6/2022	GWA-36A	Updated signage with sticker

All maintenance and repairs are also documented in the 2022 annual/semiannual groundwater monitoring report.

WELL MAINTENANCE AND REPAIR SUMMARY



Photo #1: Dedicated pump Installed



Photo #2: Overall condition of well

WELL MAINTENANCE AND REPAIR SUMMARY

Photo #3: "A" sticker added to former GWA-36 sign



Groundwater Monitoring Well Integrity Form

Site Name Bacold
 Permit Number -
 Well ID GWH-1
 Date 11/21/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name _____
 Permit Number _____
 Well ID G-2
 Date 1/24/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PO responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bacon
 Permit Number _____
 Well ID GMP-22
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bowling
 Permit Number _____
 Well ID CASH-0A
 Date 1/24/22

76.11

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 Corrective actions as needed, by date:				

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bass
 Permit Number _____
 Well ID GWA-4
 Date 1/24/22

		yes	no	n/a
1 Location/identification				
a	Is the well visible and accessible?	<u>X</u>	_____	_____
b	Is the well properly identified with the correct well ID?	<u>X</u>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<u>X</u>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>	_____	_____
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>	_____	_____
b	Is the casing free of degradation or deterioration?	<u>X</u>	_____	_____
c	Does the casing have a functioning weep hole?	<u>X</u>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>	_____	_____
e	Is the well locked and is the lock in good condition?	<u>X</u>	_____	_____
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>	_____	_____
b	Is the well pad sloped away from the protective casing?	<u>X</u>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<u>X</u>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>	_____	_____
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<u>X</u>	_____	_____
e	Is the depth of the well consistent with the original well log?	<u>X</u>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>	_____	_____
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	_____	_____	<u>X</u>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	_____	_____	<u>X</u>
c	Does the well require redevelopment (low flow, turbid)?	_____	_____	<u>X</u>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<u>X</u>	_____	_____

7 Corrective actions as needed, by date:

Disturbance

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Brown
 Permit Number _____
 Well ID GW-42
 Date _____

		yes	no	n/a
1 Location/identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Corrective actions as needed, by date:			

Richard

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bassett
 Permit Number _____
 Well ID GW-422
 Date 11/20/22

		yes	no	n/a
1	Location/identification			
a	Is the well visible and accessible?	<u>X</u>	_____	_____
b	Is the well properly identified with the correct well ID?	<u>X</u>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<u>X</u>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>	_____	_____
2	Protective Casing			
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>	_____	_____
b	Is the casing free of degradation or deterioration?	<u>X</u>	_____	_____
c	Does the casing have a functioning weep hole?	<u>X</u>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>	_____	_____
e	Is the well locked and is the lock in good condition?	<u>X</u>	_____	_____
3	Surface pad			
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>	_____	_____
b	Is the well pad sloped away from the protective casing?	<u>X</u>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<u>X</u>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>	_____	_____
4	Internal casing			
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<u>X</u>	_____	_____
e	Is the depth of the well consistent with the original well log?	<u>X</u>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>	_____	_____
5	Sampling: Groundwater Wells Only			
a	Does well recharge adequately when purged?	<u>X</u>	_____	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	<u>X</u>	_____
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<u>X</u>	_____	_____

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name
 Permit Number
 Well ID GM-50
 Date 12/2/22

		yes	no	n/a
1	<u>Location/identification</u>			
a	Is the well visible and accessible?	<u>X</u>		
b	Is the well properly identified with the correct well ID?	<u>X</u>		
c	Is the well in a high traffic area and does the well require protection from traffic?		<u>X</u>	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>		
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>		
b	Is the casing free of degradation or deterioration?	<u>X</u>		
c	Does the casing have a functioning weep hole?	<u>X</u>		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>		
e	Is the well locked and is the lock in good condition?	<u>X</u>		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>		
b	Is the well pad sloped away from the protective casing?	<u>X</u>		
c	Is the well pad in complete contact with the protective casing?	<u>X</u>		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>		
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>		
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>		
d	Is the survey point clearly marked on the inner casing?	<u>X</u>		
e	Is the depth of the well consistent with the original well log?	<u>X</u>		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>		
5	<u>Sampling: Groundwater Wells Only:</u>			
a	Does well recharge adequately when purged?	<u>X</u>		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>		
c	Does the well require redevelopment (low flow, turbid)?		<u>X</u>	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<u>X</u>		

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Brown
 Permit Number _____
 Well ID GWH-SOR
 Date 1/20/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<u>X</u>	_____	_____
b	Is the well properly identified with the correct well ID?	<u>X</u>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<u>X</u>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>	_____	_____
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>	_____	_____
b	Is the casing free of degradation or deterioration?	<u>X</u>	_____	_____
c	Does the casing have a functioning weep hole?	<u>X</u>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>	_____	_____
e	Is the well locked and is the lock in good condition?	<u>X</u>	_____	_____
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>	_____	_____
b	Is the well pad sloped away from the protective casing?	<u>X</u>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<u>X</u>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>	_____	_____
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<u>X</u>	_____	_____
e	Is the depth of the well consistent with the original well log?	<u>X</u>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>	_____	_____
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<u>X</u>	_____	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	<u>X</u>	_____
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<u>X</u>	_____	_____
7 Corrective actions as needed, by date:				

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Borden
 Permit Number _____
 Well ID QW-2
 Date 11/1/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PC responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Barnard
 Permit Number
 Well ID GWL-0022
 Date 1/26/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only:</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

 Bailed Required by GWL CPS

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Barnard
 Permit Number _____
 Well ID GW-72
 Date 1/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bunker
 Permit Number _____
 Well ID GWDC-02
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bassett
 Permit Number _____
 Well ID GW-532
 Date _____

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name
 Permit Number
 Well ID
 Date

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Brown
 Permit Number _____
 Well ID G02-10
 Date 11/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 Corrective actions as needed, by date:				

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bass
 Permit Number _____
 Well ID G0610R
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bowling
 Permit Number _____
 Well ID GWS-118
 Date 1/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Boon
 Permit Number _____
 Well ID GWDC-12
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bowen
 Permit Number _____
 Well ID G-13
 Date 1/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Brown
 Permit Number _____
 Well ID GW-1532
 Date 1/24/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Benton
 Permit Number _____
 Well ID GWC-14
 Date 1/14/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PO responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWC-143
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only:</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PO responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWC-15
 Date 1/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Bowen
 Permit Number: _____
 Well ID: GWC-153
 Date: 1/24/13

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Beach
 Permit Number _____
 Well ID GWC-15B
 Date 1/29/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Bowen
 Permit Number: _____
 Well ID: GWA-3G
 Date: 1/24/11

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea-gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWA-368A
 Date 1/28/12

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	✓		
b	Is the well properly identified with the correct well ID?	✓		
c	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	✓	✓	
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	✓		
b	Is the casing free of degradation or deterioration?	✓		
c	Does the casing have a functioning weep hole?	✓		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	✓		
e	Is the well locked and is the lock in good condition?	✓		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	✓		
b	Is the well pad sloped away from the protective casing?	✓		
c	Is the well pad in complete contact with the protective casing?	✓		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	✓		
e	Is the pad surface clean (not covered with sediment or debris)?	✓		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	✓		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	✓		
c	Is the well properly vented for equilibration of air pressure?	✓		
d	Is the survey point clearly marked on the inner casing?	✓		
e	Is the depth of the well consistent with the original well log?	✓		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	✓		
5	<u>Sampling Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	✓		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	✓		
c	Does the well require redevelopment (low flow, turbid)?		✓	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	✓		

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWA-37
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Brown
 Permit Number: _____
 Well ID: GWA-38
 Date: 1/24/15

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	✓		
b	Is the well properly identified with the correct well ID?	✓		
c	Is the well in a high traffic area and does the well require protection from traffic?		✓	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	✓		
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	✓		
b	Is the casing free of degradation or deterioration?	✓		
c	Does the casing have a functioning weep hole?	✓		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	✓		
e	Is the well locked and is the lock in good condition?	✓		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	✓		
b	Is the well pad sloped away from the protective casing?	✓		
c	Is the well pad in complete contact with the protective casing?	✓		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	✓		
e	Is the pad surface clean (not covered with sediment or debris)?	✓		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	✓		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	✓		
c	Is the well properly vented for equilibration of air pressure?	✓		
d	Is the survey point clearly marked on the inner casing?	✓		
e	Is the depth of the well consistent with the original well log?	✓		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	✓		
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	✓		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	✓		
c	Does the well require redevelopment (low flow, turbid)?		✓	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	✓		

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWA-51RZ
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only:</u>			
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWA-52
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWA-53
 Date 1/24/13

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	K		
b	Is the well properly identified with the correct well ID?	K		
c	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	K	K	
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	K		
b	Is the casing free of degradation or deterioration?	K		
c	Does the casing have a functioning weep hole?	K		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	K		
e	Is the well locked and is the lock in good condition?	K		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	K		
b	Is the well pad sloped away from the protective casing?	K		
c	Is the well pad in complete contact with the protective casing?	K		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	K		
e	Is the pad surface clean (not covered with sediment or debris)?	K		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	K		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	K		
c	Is the well properly vented for equilibration of air pressure?	K		
d	Is the survey point clearly marked on the inner casing?	K		
e	Is the depth of the well consistent with the original well log?	K		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	K		
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	K		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			
c	Does the well require redevelopment (low flow, turbid)?		K	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	K		

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWA-53R
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWA-54
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Raint Bowen
 Permit Number _____
 Well ID GWA-55
 Date 1/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWA-55R
 Date 1/24/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	✓	_____	_____
b	Is the well properly identified with the correct well ID?	✓	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	✓	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	✓	_____	_____
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	✓	_____	_____
b	Is the casing free of degradation or deterioration?	✓	_____	_____
c	Does the casing have a functioning weep hole?	✓	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	✓	_____	_____
e	Is the well locked and is the lock in good condition?	✓	_____	_____
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	✓	_____	_____
b	Is the well pad sloped away from the protective casing?	✓	_____	_____
c	Is the well pad in complete contact with the protective casing?	✓	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	✓	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	✓	_____	_____
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	✓	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	✓	_____	_____
c	Is the well properly vented for equilibration of air pressure?	✓	_____	_____
d	Is the survey point clearly marked on the inner casing?	✓	_____	_____
e	Is the depth of the well consistent with the original well log?	✓	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	✓	_____	_____
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	✓	_____	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	✓	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	✓	_____
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	✓	_____	_____

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GW1A-56
 Date 1/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing static? (or does the PVC move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Boush
 Permit Number _____
 Well ID GW-16R
 Date 1/11/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	✓	_____	_____
b	Is the well properly identified with the correct well ID?	✓	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	✓	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	✓	_____	_____
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	✓	_____	_____
b	Is the casing free of degradation or deterioration?	✓	_____	_____
c	Does the casing have a functioning weep hole?	✓	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	✓	_____	_____
e	Is the well locked and is the lock in good condition?	✓	_____	_____
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	✓	_____	_____
b	Is the well pad sloped away from the protective casing?	✓	_____	_____
c	Is the well pad in complete contact with the protective casing?	✓	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	✓	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	✓	_____	_____
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	✓	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	✓	_____	_____
c	Is the well properly vented for equilibration of air pressure?	✓	_____	_____
d	Is the survey point clearly marked on the inner casing?	✓	_____	_____
e	Is the depth of the well consistent with the original well log?	✓	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	✓	_____	_____
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	_____	✓	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	✓	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	✓	_____
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		✓	_____	_____

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWC-17B
 Date 1/24/12

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Brown
 Permit Number _____
 Well ID GWC-13
 Date 1/21/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWG-188
 Date 1/24/23

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Plant Beauvo
 Permit Number: _____
 Well ID: GWC - 19B
 Date: 1/24/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 Corrective actions as needed, by date:				

Signature and Seal of PE/PC responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bawton
 Permit Number _____
 Well ID GWC-208
 Date 1/24/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Broun
 Permit Number _____
 Well ID GWC-218
 Date 1/24/12

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWC-22R
 Date 1/29/11

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bawso
 Permit Number _____
 Well ID GULC-238
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as boilers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWIC-24R
 Date 1/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWG - 25R
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Brown
 Permit Number _____
 Well ID 02A-393
 Date 1/14/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<u>X</u>	_____	_____
b	Is the well properly identified with the correct well ID?	<u>X</u>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<u>X</u>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>	_____	_____
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>	_____	_____
b	Is the casing free of degradation or deterioration?	<u>X</u>	_____	_____
c	Does the casing have a functioning weep hole?	<u>X</u>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>	_____	_____
e	Is the well locked and is the lock in good condition?	<u>X</u>	_____	_____
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>	_____	_____
b	Is the well pad sloped away from the protective casing?	<u>X</u>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<u>X</u>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>	_____	_____
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<u>X</u>	_____	_____
e	Is the depth of the well consistent with the original well log?	<u>X</u>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>	_____	_____
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	_____	<u>X</u>	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	<u>X</u>	_____
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<u>X</u>	_____	_____

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Pulson
 Permit Number 2000
 Well ID GW-116B
 Date 1/2/91

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<u> X </u>	<u> </u>	<u> </u>
b	Is the well properly identified with the correct well ID?	<u> X </u>	<u> </u>	<u> </u>
c	Is the well in a high traffic area and does the well require protection from traffic?	<u> </u>	<u> X </u>	<u> </u>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u> X </u>	<u> </u>	<u> </u>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<u> X </u>	<u> </u>	<u> </u>
b	Is the casing free of degradation or deterioration?	<u> X </u>	<u> </u>	<u> </u>
c	Does the casing have a functioning weep hole?	<u> X </u>	<u> </u>	<u> </u>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u> X </u>	<u> </u>	<u> </u>
e	Is the well locked and is the lock in good condition?	<u> X </u>	<u> </u>	<u> </u>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<u> X </u>	<u> </u>	<u> </u>
b	Is the well pad sloped away from the protective casing?	<u> X </u>	<u> </u>	<u> </u>
c	Is the well pad in complete contact with the protective casing?	<u> X </u>	<u> </u>	<u> </u>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u> X </u>	<u> </u>	<u> </u>
e	Is the pad surface clean (not covered with sediment or debris)?	<u> X </u>	<u> </u>	<u> </u>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<u> X </u>	<u> </u>	<u> </u>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u> X </u>	<u> </u>	<u> </u>
c	Is the well properly vented for equilibration of air pressure?	<u> X </u>	<u> </u>	<u> </u>
d	Is the survey point clearly marked on the inner casing?	<u> X </u>	<u> </u>	<u> </u>
e	Is the depth of the well consistent with the original well log?	<u> X </u>	<u> </u>	<u> </u>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u> X </u>	<u> </u>	<u> </u>
5 Sampling Groundwater Wells Only				
a	Does well recharge adequately when purged?	<u> X </u>	<u> </u>	<u> </u>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u> </u>	<u> </u>	<u> X </u>
c	Does the well require redevelopment (low flow, turbid)?	<u> </u>	<u> X </u>	<u> </u>
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<u> X </u>	<u> </u>	<u> </u>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bayer
 Permit Number _____
 Well ID GW-40
 Date 1/24/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	_____	_____
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<input checked="" type="checkbox"/>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	_____	_____
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	_____	_____
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	_____	_____
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	_____	_____
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	_____	_____
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	_____	_____
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	_____	_____
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	<input checked="" type="checkbox"/>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	_____	_____
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	_____	_____
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	_____	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<input checked="" type="checkbox"/>	_____	_____

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bowen
 Permit Number _____
 Well ID GW-41
 Date 1/24/13

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<u>X</u>		
b	Is the well properly identified with the correct well ID?	<u>X</u>		
c	Is the well in a high traffic area and does the well require protection from traffic?		<u>X</u>	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>		
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>		
b	Is the casing free of degradation or deterioration?	<u>X</u>		
c	Does the casing have a functioning weep hole?	<u>X</u>		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>		
e	Is the well locked and is the lock in good condition?	<u>X</u>		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>		
b	Is the well pad sloped away from the protective casing?	<u>X</u>		
c	Is the well pad in complete contact with the protective casing?	<u>X</u>		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>		
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>		
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>		
d	Is the survey point clearly marked on the inner casing?	<u>X</u>		
e	Is the depth of the well consistent with the original well log?	<u>X</u>		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>		
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<u>X</u>		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>		
c	Does the well require redevelopment (low flow, turbid)?		<u>X</u>	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<u>X</u>		
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Brown
 Permit Number: _____
 Well ID: GLIA-418
 Date: 1/24/22

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<u>X</u>	_____	_____
b	Is the well properly identified with the correct well ID?	<u>X</u>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<u>X</u>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>	_____	_____
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>	_____	_____
b	Is the casing free of degradation or deterioration?	<u>X</u>	_____	_____
c	Does the casing have a functioning weep hole?	<u>X</u>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>	_____	_____
e	Is the well locked and is the lock in good condition?	<u>X</u>	_____	_____
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>	_____	_____
b	Is the well pad sloped away from the protective casing?	<u>X</u>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<u>X</u>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>	_____	_____
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)?	<u>X</u>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<u>X</u>	_____	_____
e	Is the depth of the well consistent with the original well log?	<u>X</u>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>	_____	_____
5 Sampling: Groundwater Wells Only:				
a	Does well recharge adequately when purged?	<u>X</u>	_____	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	<u>X</u>	_____
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<u>X</u>	_____	_____
7 Corrective actions as needed, by date:				

Signature and Seal of PELPG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Bowen
 Permit Number _____
 Well ID GA-43
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<u>X</u>		
b	Is the well properly identified with the correct well ID?	<u>X</u>		
c	Is the well in a high traffic area and does the well require protection from traffic?	<u>X</u>	<u>X</u>	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>		
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>		
b	Is the casing free of degradation or deterioration?	<u>X</u>		
c	Does the casing have a functioning weep hole?	<u>X</u>		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>		
e	Is the well locked and is the lock in good condition?	<u>X</u>		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>		
b	Is the well pad sloped away from the protective casing?	<u>X</u>		
c	Is the well pad in complete contact with the protective casing?	<u>X</u>		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>		
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	<u>X</u>		
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>		
d	Is the survey point clearly marked on the inner casing?	<u>X</u>		
e	Is the depth of the well consistent with the original well log?	<u>X</u>		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>		
5	<u>Sampling: Groundwater Wells Only:</u>			
a	Does well recharge adequately when purged?	<u>X</u>		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>		
c	Does the well require redevelopment (low flow, turbid)?		<u>X</u>	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<u>X</u>		

7 Corrective actions as needed, by date:

Signature and Seal of PE/PQ responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Baker
 Permit Number _____
 Well ID GM-43
 Date 1/24/97

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<u>X</u>	_____	_____
b	Is the well properly identified with the correct well ID?	<u>X</u>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<u>X</u>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>	_____	_____
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>	_____	_____
b	Is the casing free of degradation or deterioration?	<u>X</u>	_____	_____
c	Does the casing have a functioning weep hole?	<u>X</u>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>	_____	_____
e	Is the well locked and is the lock in good condition?	<u>X</u>	_____	_____
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>	_____	_____
b	Is the well pad sloped away from the protective casing?	<u>X</u>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<u>X</u>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>	_____	_____
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	_____	<u>X</u>	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<u>X</u>	_____	_____
e	Is the depth of the well consistent with the original well log?	<u>X</u>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>	_____	_____
5	<u>Sampling - Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<u>X</u>	_____	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	<u>X</u>	_____
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<u>X</u>	_____	_____

- PVC in the cap

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name: Basin
 Permit Number: _____
 Well ID: GAH-432
 Date: 7/24/12

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<u>X</u>	_____	_____
b	Is the well properly identified with the correct well ID?	<u>X</u>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<u>X</u>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>	_____	_____
2	<u>Protective Casings</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>	_____	_____
b	Is the casing free of degradation or deterioration?	<u>X</u>	_____	_____
c	Does the casing have a functioning weep hole?	<u>X</u>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>	_____	_____
e	Is the well locked and is the lock in good condition?	<u>X</u>	_____	_____
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>	_____	_____
b	Is the well pad sloped away from the protective casing?	<u>X</u>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<u>X</u>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>	_____	_____
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<u>X</u>	_____	_____
e	Is the depth of the well consistent with the original well log?	<u>X</u>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>	_____	_____
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<u>X</u>	_____	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	<u>X</u>	_____
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<u>X</u>	_____	_____

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Barra
 Permit Number _____
 Well ID GW-44
 Date 1/24/12

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<u>X</u>	_____	_____
b	Is the well properly identified with the correct well ID?	<u>X</u>	_____	_____
c	Is the well in a high traffic area and does the well require protection from traffic?	_____	<u>X</u>	_____
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u>X</u>	_____	_____
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<u>X</u>	_____	_____
b	Is the casing free of degradation or deterioration?	<u>X</u>	_____	_____
c	Does the casing have a functioning weep hole?	<u>X</u>	_____	_____
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>X</u>	_____	_____
e	Is the well locked and is the lock in good condition?	<u>X</u>	_____	_____
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<u>X</u>	_____	_____
b	Is the well pad sloped away from the protective casing?	<u>X</u>	_____	_____
c	Is the well pad in complete contact with the protective casing?	<u>X</u>	_____	_____
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<u>X</u>	_____	_____
e	Is the pad surface clean (not covered with sediment or debris)?	<u>X</u>	_____	_____
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<u>X</u>	_____	_____
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>X</u>	_____	_____
c	Is the well properly vented for equilibration of air pressure?	<u>X</u>	_____	_____
d	Is the survey point clearly marked on the inner casing?	<u>X</u>	_____	_____
e	Is the depth of the well consistent with the original well log?	<u>X</u>	_____	_____
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>X</u>	_____	_____
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<u>X</u>	_____	_____
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<u>X</u>	_____	_____
c	Does the well require redevelopment (low flow, turbid)?	_____	<u>X</u>	_____
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?				
		<u>X</u>	_____	_____

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Brown
 Permit Number _____
 Well ID GMC-45
 Date 1/25/12

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	✓		
b	Is the well properly identified with the correct well ID?	✓		
c	Is the well in a high traffic area and does the well require protection from traffic?		✓	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	✓		
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	✓		
b	Is the casing free of degradation or deterioration?	✓		
c	Does the casing have a functioning weep hole?	✓		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	✓		
e	Is the well locked and is the lock in good condition?	✓		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	✓		
b	Is the well pad sloped away from the protective casing?	✓		
c	Is the well pad in complete contact with the protective casing?	✓		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	✓		
e	Is the pad surface clean (not covered with sediment or debris)?	✓		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	✓		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	✓		
c	Is the well properly vented for equilibration of air pressure?	✓		
d	Is the survey point clearly marked on the inner casing?	✓		
e	Is the depth of the well consistent with the original well log?	✓		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	✓		
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	✓		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	✓		
c	Does the well require redevelopment (low flow, turbid)?		✓	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	✓		

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWC-45R
 Date 1/28/13

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling - Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWIC-46B
 Date 1/24/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWC-47
 Date 1/29/12

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	✓		
b	Is the well properly identified with the correct well ID?	✓		
c	Is the well in a high traffic area and does the well require protection from traffic?		✓	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	✓		
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	✓		
b	Is the casing free of degradation or deterioration?	✓		
c	Does the casing have a functioning weep hole?	✓		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	✓		
e	Is the well locked and is the lock in good condition?	✓		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	✓		
b	Is the well pad sloped away from the protective casing?	✓		
c	Is the well pad in complete contact with the protective casing?	✓		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	✓		
e	Is the pad surface clean (not covered with sediment or debris)?	✓		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	✓		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	✓		
c	Is the well properly vented for equilibration of air pressure?	✓		
d	Is the survey point clearly marked on the inner casing?	✓		
e	Is the depth of the well consistent with the original well log?	✓		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	✓		
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	✓		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	✓		
c	Does the well require redevelopment (low flow, turbid)?		✓	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	✓		

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant B&WCO
 Permit Number _____
 Well ID GW-478
 Date 1/24/11

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	✓		
b	Is the well properly identified with the correct well ID?	✓		
c	Is the well in a high traffic area and does the well require protection from traffic?		✓	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	✓		
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	✓		
b	Is the casing free of degradation or deterioration?	✓		
c	Does the casing have a functioning weep hole?	✓		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	✓		
e	Is the well locked and is the lock in good condition?	✓		
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	✓		
b	Is the well pad sloped away from the protective casing?	✓		
c	Is the well pad in complete contact with the protective casing?	✓		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	✓		
e	Is the pad surface clean (not covered with sediment or debris)?	✓		
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	✓		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	✓		
c	Is the well properly vented for equilibration of air pressure?	✓		
d	Is the survey point clearly marked on the inner casing?	✓		
e	Is the depth of the well consistent with the original well log?	✓		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	✓		
5	<u>Sampling - Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	✓		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	✓		
c	Does the well require redevelopment (low flow, turbid)?		✓	
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	✓		
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWC - 48
 Date 1/24/11

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as balers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Corrective actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bowen
 Permit Number _____
 Well ID GWC-19Z
 Date 1/29/22

		yes	no	n/a
1	<u>Location/Identification</u>			
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<u>Protective Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<u>Surface pad</u>			
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<u>Internal casing</u>			
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<u>Sampling: Groundwater Wells Only</u>			
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

Groundwater Monitoring Well Integrity Form

Site Name Plant Bauen
 Permit Number _____
 Well ID GWC - 498
 Date 11/29/11

		yes	no	n/a
1 Location/Identification				
a	Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well in a high traffic area and does the well require protection from traffic?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Protective Casing				
a	Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the well locked and is the lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Surface pad				
a	Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Internal casing				
a	Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Sampling: Groundwater Wells Only				
a	Does well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	Does the well require redevelopment (low flow, turbid)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7 Corrective actions as needed, by date:

Signature and Seal of PE/PG responsible for inspection

APPENDIX B WELL INSTALLATION AND ABANDONMENT REPORTS



Groundwater Monitoring Well Installation for GWA-36A and Abandonment Report for GWA-4 and GWA-36

Georgia Power Company – Plant Bowen

Landfill Cells 1 & 2, 3 & 4, and 9 & 10

Project No.: 6122160287

Prepared for:



Atlanta, Georgia

5/6/2022

Professional Groundwater Scientist Certification

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by myself or by a subordinate working under my direction. We certify that the information included is to the best of our knowledge and belief, true, accurate and complete. In preparing this report, we have relied on information provided by Southern Company Services and Georgia Power.



Gregory J. Wrenn, P.E.
Registered Professional Engineer
Professional Engineer No. 025565



Rhonda N. Quinn, P.G.
Registered Professional Geologist
Georgia Registration No. 1031

Date: *May 6, 2022*

Date: *May 6, 2022*

Table of Contents

1.0	INTRODUCTION.....	1
2.0	DRILLING AND WELL INSTALLATION.....	2
2.1	Drilling Method	2
2.2	Screened Interval	2
2.3	Well Casing and Screens.....	3
2.4	Filter Pack	3
2.5	Annular Seal.....	3
2.6	Cap and Protective Casing	4
3.0	WELL DEVELOPMENT	5
4.0	SURVEY	6
5.0	WELL ABANDONMENT	7
6.0	GENERAL REFERENCES.....	8

List of Tables

Table 1	Summary of Monitoring Well Construction
---------	---

List of Figures

Figure 1	Location of Replacement Well GWA-36A
----------	--------------------------------------

List of Appendices

Appendix A	Well Survey Document
Appendix B	Well Construction and Boring Logs
Appendix C	Well Development Forms
Appendix D	Well Abandonment Documents

1.0 INTRODUCTION

Georgia Power's Plant Bowen solid waste disposal facility (Site) is located in Bartow County off State Highway 113, approximately 7 miles west-southwest of Cartersville and 20 miles southeast of Rome. The disposal facility is approximately 300 acres located on a previously undeveloped, contiguous portion of the plant property. The Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 are located on the northeast portion of the Plant Bowen property. The disposal facility receives coal combustion by-products, coal ash and gypsum, from coal power generating processes at the Site. The landfill cells are lined in accordance with Solid Waste Permit No. 008-018D (LI). A well network around each of the active disposal cells monitors the groundwater conditions at the Site. The monitoring well locations are shown in **Figure 1: Location of Replacement Well GWA-36A**.

This report provides details for the installation of monitoring well GWA-36A and abandonment of monitoring wells GWA-4 and GWA-36. Well construction details are included in **Table 1: Summary of Monitoring Well Construction** and locations are shown in **Figure 1**. The surveyed coordinates and elevations of GWA-36A are provided in a certified well survey report in **Appendix A: Well Survey Document**.

GWA-36 exhibited persistent high turbidity during the January-February 2022 semi-annual groundwater sampling event and did not decrease below 5 Nephelometric Turbidity Units (NTUs) after several attempts of redevelopment. Further investigation identified possible filter pack sand in the pump used for purging and sampling GWA-36. The existing well GWA-36 was abandoned and replaced by new well GWA-36A due to likely well construction issues. Replacement well GWA-36A was located less than 50 feet adjacent to GWA-36. The well screen of GWA-36A was placed to intercept a water-bearing zone in the overburden similar to GWA-36.

Groundwater level measurements in GWA-4, GWA-4R, and GWA-4RZ from March 2016 through January 2022 indicate that the potentiometric surface in the upper aquifer is consistently measured at a lower elevation than the screened interval of GWA-4. Per the Georgia EPD Solid Waste Management Rule 391-3-4-.10(6)(g), monitoring wells require replacement after two dry sampling events. Well GWA-4 was abandoned without replacement due to the lack of continuous and persistent groundwater present in the overburden. GWA-4R and GWA-4RZ water levels will continue to be measured and represent the groundwater elevation at this location in the upper aquifer.

2.0 DRILLING AND WELL INSTALLATION

The following sections provide details and description of drilling methodology, materials and installation procedures used in constructing the monitoring well GWA-36A. Monitoring well construction details are summarized in **Table 1**.

2.1 Drilling Method

Wood provided oversight and documented the drilling and installation of monitoring well GWA-36A by Cascade Drilling, under contract with Southern Company, from March 16 through 18, 2022. A copy of the Water Well Contractor's performance bond is provided in **Appendix B: Well Construction and Boring Logs**. The drilling was performed using roto-sonic technology with a Terra Sonic, compact, track-mounted drill rig. A hand-auger was used to check the upper 10 feet of the well location to provide clearance of potential underground utilities.

Following subsurface clearance, a 4-inch diameter sampling core barrel and tooling, followed by a 6-inch override (outer) casing, was advanced via sonic methodology to a final depth of 102.9 feet (577.7 feet above North America Vertical Datum of 1988 (NAVD88)) for the purpose of collecting soil and rock for lithologic characterization and subsequent well installation. Soil and/or rock were collected continuously, in core runs up to 10 feet, from near the ground surface to the boring termination depth. Upon completion of a core run, prior to retracting the core barrel, 6-inch override (outer) casing was advanced over the 4-inch core barrel and tooling to maintain borehole integrity. Once the override casing was in place, the core barrel was retracted from the borehole and the soil and/or rock sample were extruded into a plastic sleeve and provided to the Wood field representative for characterization, documentation, photographing, and archival in wooden sample storage boxes (see **Appendix B**). After sample retrieval, the core barrel was advanced, and another core run was completed. This process was continued until the target depth was reached where bedrock was encountered.

Upon reaching the target depth, the 6-inch override casing was used to flush/clean-out the borehole and left in place for well construction. The well was installed directly through the override casing. The screen and casing (riser) were placed in the override casing and the annular space was filled (i.e., emplacement of the filter pack, bentonite, and grout) as the override casing was retracted.

2.2 Screened Interval

Well GWA-36A is screened in the overburden and was constructed with ten feet of well screen as shown in the Well Construction Log provided in **Appendix B**. The former well, GWA-36, was constructed with a screened interval depth of 65.7 to 75.7 feet below ground surface (bgs) (616.19-606.19 feet, NAVD88) which was a shallower elevation than GWA-36A screened interval

(588.80-578.80 feet, NAVD88). Well GWA-36A was installed to a greater depth due to the depth to bedrock being deeper at the new well location than the GWA-36 location.

2.3 Well Casing and Screens

The monitoring well is constructed of 2-inch inside diameter Schedule 40 polyvinyl chloride (PVC) casing (riser) and pre-packed Number 10 slot (0.010-inch aperture) screen. The pre-pack screens are comprised of a 10-foot-long section of slotted PVC “U-pack” pre-pack screen. Each pre-pack screen used in the construction of the well was manually filled with sand and then attached to the riser section of the well casing. Well construction materials are designed to be sufficiently durable to resist chemical and physical degradation and not interfere with the quality of groundwater samples. The casing and screen sections were flush-threaded and did not require the use of solvent or adhesive to construct the well.

The well was designed and constructed to:

- 1) allow sufficient groundwater flow to the well for sampling;
- 2) minimize the passage of formation materials (turbidity) into the well; and,
- 3) ensure sufficient structural integrity to prevent collapse of the well.

2.4 Filter Pack

The filter pack material is designed to be chemically inert, clean, well-graded, well-rounded, dimensionally stable, silica (quartz) sand of which the 80 to 90 percent retained size is 0.010-inch diameter (the screen aperture). The filter pack sand used for the construction of the monitoring well was the 20/40 mesh sand from the supplier (Covia). The pre-pack screen was filled with the filter pack sand prior to insertion into the borehole. The filter pack material was mixed with water and emplaced in the annular space between the outside of the pre-pack screen and borehole wall to ensure an adequate thickness of filter pack material between the well and the formation. The filter pack was extended approximately three feet above the top of the screen. After installing the filter pack, the well was pumped to allow settlement of the filter pack material, prior to installing the annular seal. The filter pack depth/interval is documented in the well construction log provided in **Appendix B**.

2.5 Annular Seal

After installing the filter pack, a bentonite seal was constructed to a thickness coinciding with the observed elevation of the water table during drilling. Bentonite pellets and chips were emplaced in the annular space directly above the filter pack to seal the annulus and prevent vertical flow of water along the well casing. The non-coated bentonite pellets were placed from the top of the filter pack to a thickness of approximately 2.4 feet. The bentonite used for the

construction of the well was 3/8-inch, non-coated pellets (PDS Pel-Plug). The bentonite pellets were allowed to hydrate for eighteen hours and settle in accordance with the manufacturer's recommendations prior to adding more well sealing materials into the annular space above the pellets. The bentonite seal was subsequently extended from the top of the pellets to near the water table at approximately 29 feet below ground surface by the addition of 3/8-inch bentonite chips (Haliburton Hole-plug). The bentonite chips were hydrated. The bentonite seal was extended up to the water table to reduce the potential of the grout impacting nearby well GWA-36RA.

After the bentonite chips were adequately hydrated, the remaining annular space was sealed using AQUAGUARD by Baroid Industrial Drilling Products, a sodium bentonite blended grout. The grout was prepared in accordance with manufacturer's instructions and emplaced from the top of the bentonite seal to the near ground surface via tremie method. The grout was injected at a low velocity as to not displace the bentonite seal and the tremie pipe was raised as grout filled the annular space. Grout was injected via tremie method from a depth of approximately 29 feet to within two feet of ground surface.

A concrete seal extends from approximately two feet below ground surface to grade and was formed into a slightly mounded cement apron extending outward to help direct rainwater run-off away from the well. The well pad dimensions were 4 feet by 4 feet with a thickness of 4 inches.

2.6 Cap and Protective Casing

Well GWA-36A was fitted with a sealable cap and a lockable, 4-inch square, aluminum, above-grade (stick-up) protective casing installed over the well to protect the PVC riser from damage and secure it from unauthorized access. The annular space between the well riser and protective casing was filled with pea-size gravel and a small weephole was drilled near the base to allow for drainage from inside the protective casing. Additionally, bollards were installed at the corners of the concrete pad to protect the well. Prior to leaving the site, the well was secured with a padlock, keyed specific to the site. Well construction details are documented in **Appendix B**.

3.0 WELL DEVELOPMENT

GWA-36A was developed using an electric submersible pump to restore the natural hydraulic conductivity of the formation and to remove fine-grained sediment to help ensure low-turbidity groundwater samples. The well was alternately surged and purged until visually clear of particulates. Groundwater quality parameters turbidity, pH, specific conductivity, temperature, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were recorded during development to ensure that the well was fully developed.

Development of the groundwater monitoring well continued until criteria indicating adequate development was achieved. Development is generally recognized as being complete when the well yields water with a turbidity less than 5 NTUs and the pH and specific conductivity has stabilized (i.e., pH within 0.1 standard unit and specific conductivity within 5% over three consecutive measurements). The development forms are included in **Appendix C: Well Development Forms**.

Prior to deploying the development pump into the well, the pump was decontaminated and fitted with new disposable tubing. New disposable, nitrile gloves were worn throughout the development process, including when initially deploying the pump, handling the pump and tubing while surging, and during decontamination activities.

4.0 SURVEY

Well location, top of casing (TOC) elevation, and ground surface elevation were surveyed by Donaldson Garrett & Associates, Inc. Northings and easting are in feet relative to Georgia State Plane, West Zone, North America Datum of 1983 (NAD 83) and surveyed with a horizontal accuracy of 0.5 feet. TOC and ground surface elevations are in feet relative to North American Vertical Datum of 1988 (NAVD88) and surveyed with a vertical accuracy of 0.01 feet. Survey data are included in **Table 1**. Well survey documents are provided in **Appendix A: Well Survey Document**.

5.0 WELL ABANDONMENT

Wells GWA-4 and GWA-36 were abandoned following USEPA Region 4 guidance for well abandonment procedures. Well GWA-4 was constructed approximately 20 feet into bedrock. The well was abandoned by filling the screened interval and up to the soil-bedrock interface with bentonite chips and hydrated. The well casing was overdrilled from the ground surface to the soil-bedrock interface with the six-inch overdrive casing. The well casing above the soil-bedrock interface was removed. The overdrilled interval was filled with bentonite chips up to the water table at approximately 41 feet, bgs. AQUAGUARD by Baroid Industrial Drilling Products, a sodium bentonite blended grout, was emplaced from the top of the bentonite chips to the ground surface utilizing the tremie method. The grout was prepared in accordance with manufacturer's instructions and emplaced from the top of the bentonite seal to the ground surface via tremie method. The grout was injected at a low velocity as to not displace the bentonite seal and the tremie pipe was raised as grout filled the annular space. Grouting ceased when the grout mixture daylighted at the surface as visible grout.

Well GWA-36 was constructed to the top of bedrock. The well screen was found to be filled with about seven feet of sediment, primarily filter pack sand. The sediment could not be pumped or flushed from the well screen. Well GWA-36 was overdrilled from the ground surface to the bottom of the well. The well screen and casing were removed from the borehole. Bentonite chips were placed from the bottom of the borehole to the top of the water table and hydrated. The bentonite chips were used to prevent the grout from potentially impacting nearby wells. The interval from the ground surface to the top of the bentonite was filled with AQUAGUARD by Baroid Industrial Drilling Products, a sodium bentonite blended grout via tremie method. The grout was injected at a low velocity as to not displace the bentonite seal and the tremie pipe was raised as grout filled the annular space. Grouting ceased when the grout mixture daylighted at the surface as visible grout. For details on the abandonment of GWA-4 and GWA-36, see **Appendix D: Well Abandonment Documents**.

6.0 GENERAL REFERENCES

Southern Company Services, Inc., 2016, Draft Monitoring Well Development Procedures, Birmingham, Alabama, March 2016.

United States Environmental Protection Agency, Region 4 Science and Ecosystem Support Division, January 16, 2018. Operating Procedure for Design and Installation of Monitoring Wells. SESDGUID-101-R2.

United States Environmental Protection Agency, Region 4 Laboratory Services and Applied Science Division, June 22, 2020. Operating Procedure for Field Equipment Cleaning and Decontamination. LSASDPROC-205-R4.

TABLE

TABLE 1
SUMMARY OF MONITORING WELL CONSTRUCTION
Plant Bowen
Landfill Cells 1 & 2, 3 & 4, and 9 & 10
Bartow County, Georgia

Well	Installation Date	Northing ⁽¹⁾	Easting ⁽¹⁾	Top of Casing Elevation (feet NAVD88) ⁽²⁾	Ground Surface Elevation (feet NAVD88) ⁽²⁾	Top of Screen Elevation (feet NAVD88) ⁽³⁾	Bottom of Screen Elevation (feet NAVD88) ⁽³⁾	Screen Length (feet)	Total Well Depth on Construction Log (feet below land surface)	Total Well Depth Measured at Development (feet below TOC) ⁽⁴⁾	Groundwater Zone Screened	Hydraulic Location and Purpose
GWA-36A	3/18/2022	1505026.95	2073357.46	683.75	680.63	588.80	578.80	10.00	102.16	105.08	Overburden	Cells 3 & 4 - Upgradient ⁽⁵⁾
GWA-36	6/16/2011	1505057.77	2073384.03	684.50	681.89	616.19	606.19	10.00	76.00	81.77	Overburden	Cells 3 & 4 - Upgradient ⁽⁶⁾
GWA-4	3/14/2007	1502241.02	2072318.24	743.06	740.40	680.91	670.91	10.00	69.64	72.37	Overburden	Cells 1 & 2 - Upgradient ⁽⁷⁾

Notes:

- (1) Horizontal locations referenced to Georgia State Plane West, North American Datum of 1983 (NAD 83)
- (2) Elevations are in feet referenced to North American Vertical Datum of 1988 (NAVD88)
- (3) Screen elevations calculated using depth below land surface and ground surface elevations from the March 2021 re-survey and March 2022 survey of new well.
- (4) TOC indicates top of casing
- (5) Monitoring well is measured for water levels and sampled for groundwater quality.
- (6) GWA-36 was abandoned on 3/16/2022 and was replaced with new well GWA-36A, completed on 3/18/2022 with installation of protective cover and pad.
- (7) GWA-4 was abandoned on 3/15/2022.

Groundwater Monitoring Well Installation for GWA-36A and Abandonment Report for GWA-4 and GWA-36

FIGURE

Legend

● Spring Sampling Location

Well Location

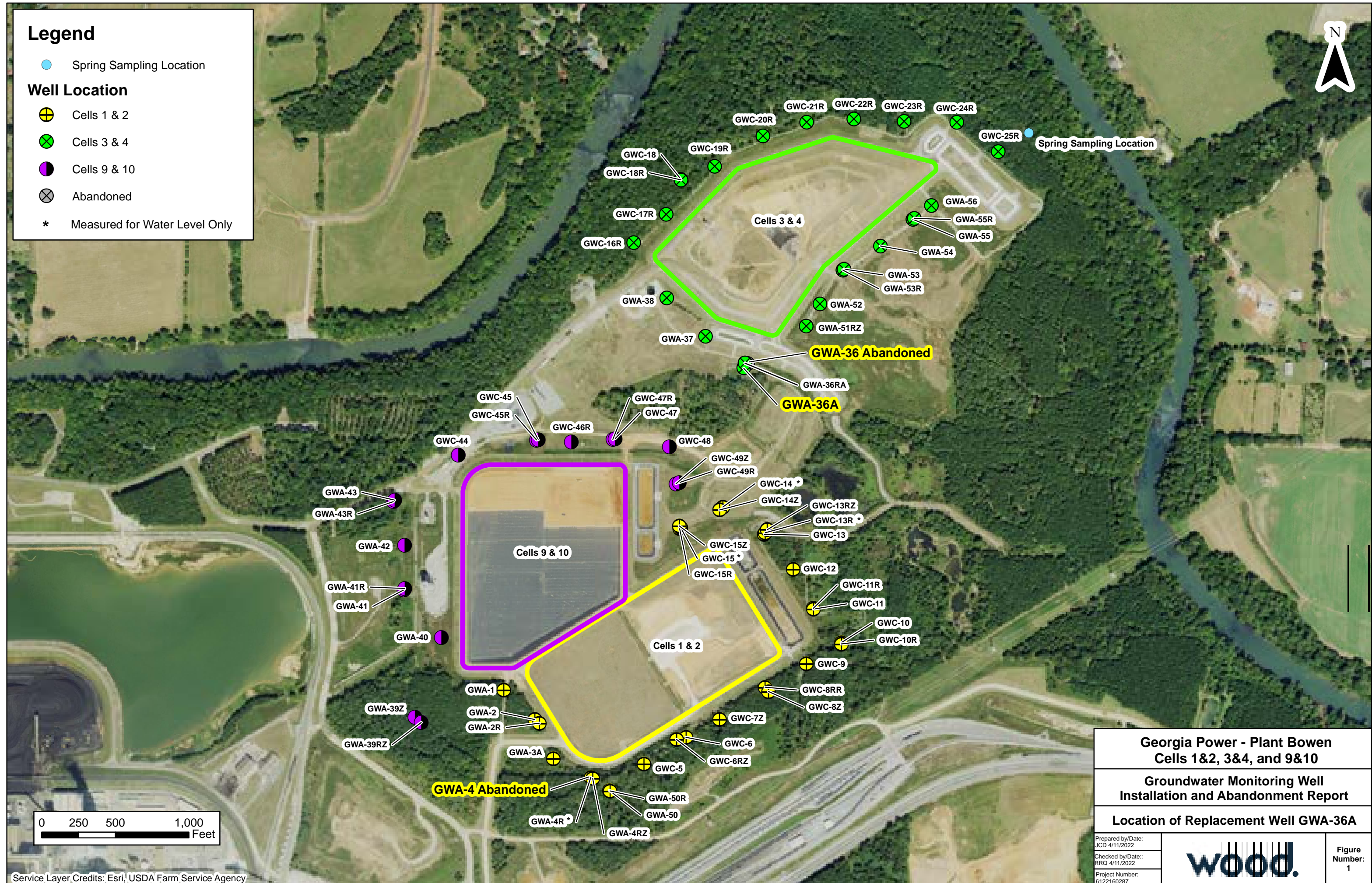
⊕ Cells 1 & 2

⊗ Cells 3 & 4

● Cells 9 & 10

⊗ Abandoned

* Measured for Water Level Only



**Georgia Power - Plant Bowen
Cells 1&2, 3&4, and 9&10**

**Groundwater Monitoring Well
Installation and Abandonment Report**

Location of Replacement Well GWA-36A

Prepared by/Date:
JCD 4/11/2022
Checked by/Date:
RRQ 4/11/2022
Project Number:
6122160287



Figure Number:
1

APPENDIX A

WELL SURVEY DOCUMENT

Wood 112
 Part 1000 - Elevation 58
 1001 TOP OF WALL SURFACE DATA
 March 20, 2010
 20100320-1001-001-000

WALL ID	NOTHING	ELEVATION	ELEVATIONS			
			TOP OF ELEVATION	TOP OF FINISH	TOP OF WALL TOP	TOP OF BASE
1001-001	1001-001	1001-001	1001-001	1001-001	1001-001	1001-001
ELEVATIONS ARE BASED ON STATE PLANE AND ZONE: NAD 83 ELEVATIONS ARE BASED ON NAVD 83 DATUM						
Survey data from below has a normal vertical tolerance of +/- 1/8" per 100' vertical positions tolerance of +/- 1/16" per 100' for the 2010 use of a total station Elevation used to locate horizontal and vertical coordinates was a LEICA DISTO D2 DISTANCE MEASUREMENT SYSTEM DATA COLLECTOR Elevation used to locate horizontal and vertical coordinates was recorded from LEICA DISTO D2 DISTANCE MEASUREMENT SYSTEM						

APPENDIX B

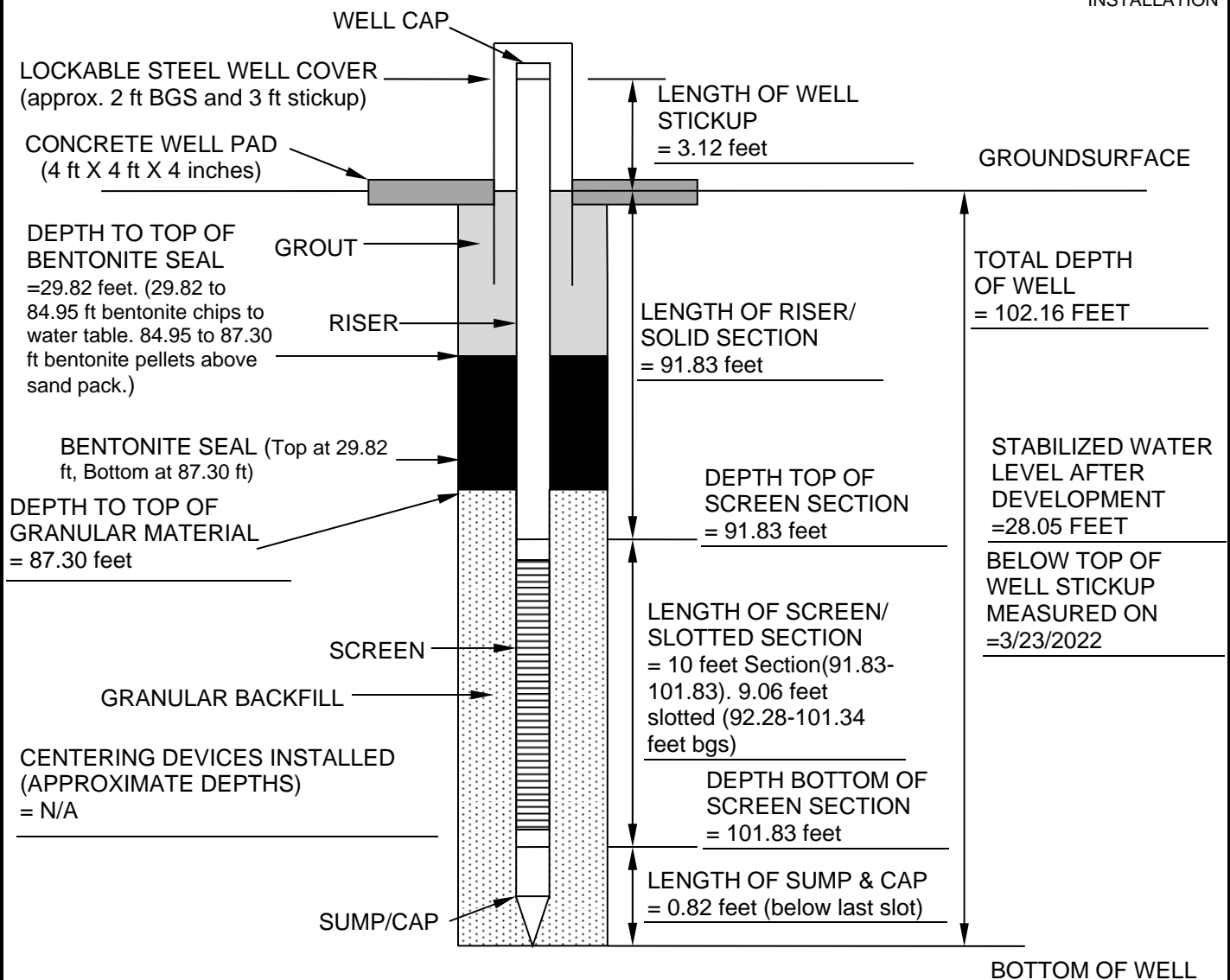
WELL CONSTRUCTION AND BORING LOGS

WELL INSTALLATION RECORD

JOB NAME Plant Bowen Cells 3 & 4	PROJECT NO. 6122-16-0287
WELL NUMBER GWA-36A	INSTALLATION DATE 3/18/2022
LOCATION* NORTH: 1505026.95 EAST: 2073357.46	GROUND ELEV: 680.63 feet NAVD88
WOOD FIELD REPRESENTATIVE T. Parker	DRILLER/ CONTRACTOR C. Franklin/Cascade
GRANULAR BACKFILL MATERIAL 20/40 mesh Silica Filter Sand	DRILLING TECHNIQUE Rotosonic
SCREEN MATERIAL 2-inch I.D. Flush Joint Slotted PVC (Sch. 40)	BOREHOLE DIAMETER ± 6 inch
SLOT SIZE 0.010-inch Machine Cut	REFERENCE POINT** ELEVATION* 683.75 ft NAVD88
RISER MATERIAL 2-inch I.D. Flush joint Solid PVC (Sch. 40)	LOCK TYPE/KEY CODE Master

* Preliminary-Final location/elevation to be determined by As-Built Survey
 ** Reference point is notch cut in the top of PVC casing

NOTE: NOT TO SCALE, ALL DEPTHS RECORDED ARE
 RELATIVE TO EXISTING GROUND SURFACE AT TIME OF
 INSTALLATION



Notes:
 Sand – 6.5 bags of 20/40 mesh sand for prepack & screen interval
 Bentonite – 3 buckets 3/8" uncoated pellets for bentonite seal above the sand filter pack; 7 bags of 3/8" chips added to bring level up to water table
 Grout – 2 bags of Aqua-guard® bentonite/grout mix with –40 gals water

Review: RNQ Date: 3/27/2022

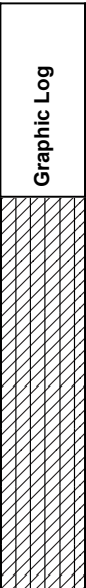
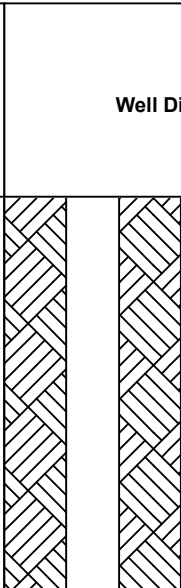
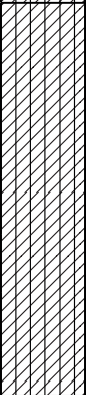
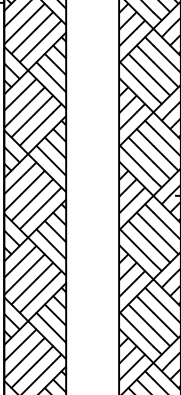
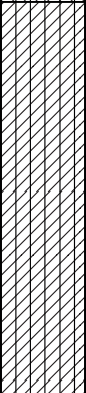
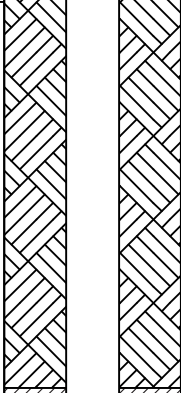
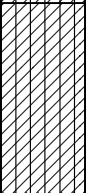
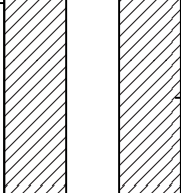
Well Installation Record

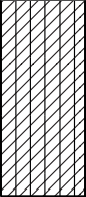
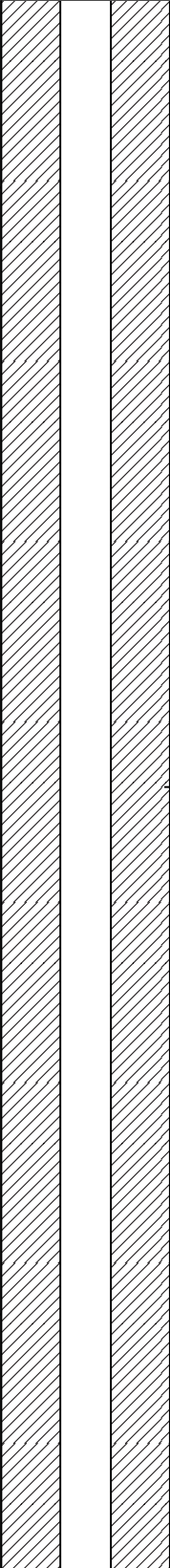
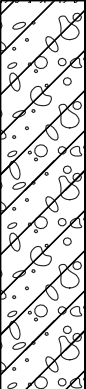



GWA-36A


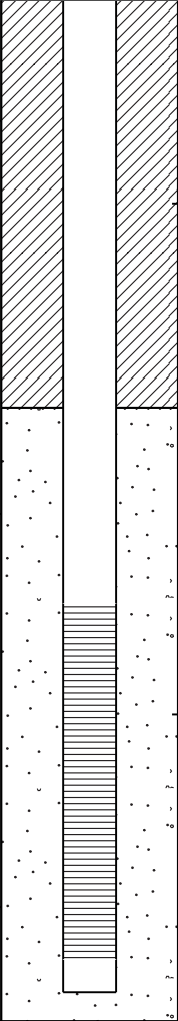
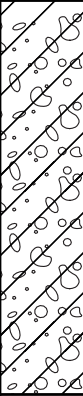
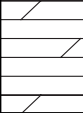
PROJECT NUMBER 6122160287	DRILLING COMPANY Cascade Drilling	COORDINATES N 1505026.95, E 2073357.46
PROJECT NAME Plant Bowen	DRILLER Cory Franklin	COORD SYS Ga State Plane West (NAD 83)
CLIENT Georgia Power	RIG TYPE/METHOD Terrasonic CC150/SONIC	COMPLETION Stick-up w/ protective casing
ADDRESS 317 Covered Bridge Rd., Euharlee GA	CASING DIA. 2-in I.D. PVC	GROUND SURFACE ELEV. 680.63 ft NAVD 88
LOCATION Cells 3 & 4	BORING DEPTH 102.9 ft	WELL TOC ELEVATION 683.75 ft NAVD 88

COMMENTS Start drilling on 3/16/2022 and complete drilling on 3/16/2022. Well construction completed on 3/18/2022 with installation of well cover and concrete pad. Well surveyed on 3/22/2022.

LOGGED BY T. Parker
CHECKED BY R. Quinn

Depth (ft)	Samples	Sample Run (Recovery)	Graphic Log	Material Description	USCS	Well Diagram	Elevation (ft)
0-10	#1	(96%)		Fine grain silty CLAY, moist, mottled light brown/yellow/orange. Low to med. plasticity with white weathered limestone fragments (<3%), 1 to 5 mm, subangular to subrounded.	CL		680 678 676 674 672
10-20	#2	(76%)		Fine grained silty CLAY, mottled light brown at top, transitioning to mottled orange/red silty clay at 12.1 ft to 14.3 ft and then back to mottled light yellow/orange silty clay, stiffening in lower 1 ft. Low plasticity. ~5% limestone/chert fragments and rocks, 2 to 60 mm.	CL		670 668 666 664 662
20-30	#3	(100%)		Fine silty CLAY, mottled light brown to yellow/orange with some light tan and red/orange and more clayey (28 ft - 30 ft). ~5% weathered limestone (white) fragments and rocks, 2-20 mm, subrounded.	CL		660 658 656 654 652
30-35	#4	(100%)		Fine silty mottled CLAY, higher moisture content with high plasticity and 25-35% weathered limestone and chert, 2-80 mm. Cobble at 35 ft.	CL		650 648 646

Depth (ft)	Samples	Sample Run (Recovery)	Graphic Log	Material Description	USCS	Well Diagram	Elevation (ft)
36	35-40	#4 (100%)		Fine silty mottled CLAY, higher moisture content with high plasticity and 25-35% weathered limestone and chert, 2-80 mm. Cobble at 35 ft.	CL	 <p>Bentonite seal (chips 29.82-84.95 ft, prior to hydration, pellets 84.95-87.30 ft, prior to hydration). Top of bentonite seal at 27.00 ft after hydration.</p>	644
38							642
40	40-50	#5 (100%)		Gravelly, silty CLAY, mottled light brown and yellow, medium stiff, slight plasticity, ~50% fine gravel/gravel/cobble mix of weathered limestone and chert up to 140 mm (at 45.5 ft). Moisture increased and core is wet from 49 ft to 50 ft.	CL		640
42							638
44							636
46							634
48							632
50	50-60	#6 (20%)		Gravelly fine silty CLAY, wet, yellow/white/tan, soft with ~50% fine gravel/ gravel/cobble. No plasticity. Angular limestone/chert fragments throughout, fine to coarse angular chert gravel and angular to subrounded cobble up to 140 mm. Poor recovery (2 ft out of a 10 ft run).	CL		630
52						628	
54						626	
56						624	
58						622	
60	60-70	#7 (80%)		Gravelly fine silty CLAY, upper 4 ft mottled yellow/orange/white, 4 to 8 ft brown/orange/white. Upper 2 ft of recovered core very wet, 2 to 8 ft recovered core is moist. ~50% fine gravel/gravel mix of weathered limestone, dolomite and chert.	CL	620	
62						618	
64						616	
66						614	
68						612	
70	70-80	#8 (98%)		Gravelly fine silty CLAY, mottled yellow/light to dark brown. Very soft, high plasticity. 50% gravel and cobbles up to 110 mm. Angular dark grey/black chert 70-80 ft. Manganese lens at 79.5 ft of recovered core. Upper 1 ft very wet then moist then wet at about 77 - 78 ft.	CL	610	
72						608	
74						606	
76						604	

Depth (ft)	Samples	Sample Run (Recovery)	Graphic Log	Material Description	USCS	Well Diagram	Elevation (ft)
78						 <p>Bentonite seal (chips) 29.82-84.95 ft, prior to hydration, pellets 84.95-87.30 ft, prior to hydration). Top of bentonite seal at 27.00 ft after hydration.</p> <p>Sand filter pack and pre-pack screen</p>	602
80	80-90	#9 (0%)		No recovery.			600
82							598
84						596	
86						594	
88						592	
90	90-100	#10 (10%)		Gravelly SILT yellow/light brown, wet with >50% mix of fine gravel and gravel up to 60 mm, composed of angular chert, minor quartz, and dolomite. Bedrock at 100.5 ft	ML-GM	590	
92						588	
94						586	
96						584	
98						582	
100	100-102.9	#11 (34%)		100.0 - 100.5 ft Gravelly SILT. 100.5 - 102.9 ft Dolomite, light gray, no fines.	Rock	580	
102						578	
104				Boring terminated at 102.9 feet in bedrock			576
106							574
108							572
110							570
112							568
114							566
116							564
118							562

CONTINUATION
CERTIFICATE

Atlantic Specialty Insurance Company

Page 1 of 1

Certificate No. 80003397E

Issued on 9/27/2017
Expires on 6/30/2021
Renewed on 4/12/2021
Expires on 6/30/2023

Effective Date 06-27-2017
DURATION: MONTH-TO-DATE

Contract No. Ricky Davis / Cascade Dredging L.P.
BELLEVUE,

Contract Description Department of Natural Resources, State of Georgia
CAROLINE

Contract Description (used for rating) for the bond period

Expiration Date 06-30-2021
DURATION: MONTH-TO-DATE

Renewal Date 06-30-2023
DURATION: MONTH-TO-DATE

Amount of Bond Fifty Thousand and 00/100 Dollars (\$50,000.00)

Description of Bond Performance Bond for Water Well Contractors

PROVIDED: That this continuation certificate does not create a new obligation and is executed upon the express condition and provision that the surety's liability under said bond and any and all other continuation certificates issued in connection therewith shall not be cumulative and that the said surety's aggregate liability under said bond and this and all such continuation certificates on account of all defaults committed during the period (regardless of the number of years said bond had been and shall be in force, duration in any event exceed the amount of said bond as hereinbefore set forth.

Signed and dated: April 12th, 2021
DURATION: MONTH-TO-DATE



Atlantic Specialty Insurance Company

By: *Andrew P. Smith*
Attorney-in-Fact Andrew P. Smith

Parsons, Smith & Beck, Inc

Agent

2233 117th Ave NE Bellevue, WA 98004

Washington State

425-709-3600

Telephone Number of Agent

APPENDIX C

WELL DEVELOPMENT FORMS

Low-Flow Test Report:

Test Date / Time: 3/23/2022 9:40:33 AM

Project: Plant Bowen LF March 2022

Operator Name: Meredith Duncan

Location Name: GWA-36A Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 95.08 ft Total Depth: 105.08 ft Initial Depth to Water: 28.05 ft	Pump Type: GeoTech Reclaimer Tubing Type: LDPE Pump Intake From TOC: 100.08 ft Estimated Total Volume Pumped: 80000 ml Flow Cell Volume: 90 ml Final Flow Rate: 2000 ml/min Final Draw Down: 0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 893479
---	---	--

Test Notes:

prepurged 606 L from 03/22/22 to 03/23/22. TD after development: 105.11ft

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
3/23/2022 9:40 AM	00:00	6.98 pH	16.66 °C	424.61 µS/cm	3.05 mg/L	9.13 NTU	86.9 mV	28.05 ft	0.21 PSU	2,000.0 ml/min
3/23/2022 9:44 AM	04:00	6.97 pH	16.65 °C	444.33 µS/cm	3.04 mg/L	6.65 NTU	80.1 mV	28.04 ft	0.22 PSU	2,000.0 ml/min
3/23/2022 9:48 AM	08:00	6.97 pH	16.52 °C	446.97 µS/cm	3.06 mg/L	6.35 NTU	78.6 mV	28.04 ft	0.22 PSU	2,000.0 ml/min
3/23/2022 9:52 AM	12:00	6.98 pH	16.59 °C	448.40 µS/cm	3.07 mg/L	6.49 NTU	77.7 mV	28.04 ft	0.22 PSU	2,000.0 ml/min
3/23/2022 9:56 AM	16:00	6.98 pH	16.66 °C	446.21 µS/cm	3.14 mg/L	8.04 NTU	77.2 mV	28.05 ft	0.22 PSU	2,000.0 ml/min
3/23/2022 10:00 AM	20:00	6.99 pH	16.70 °C	445.54 µS/cm	3.14 mg/L	14.80 NTU	77.4 mV	28.05 ft	0.22 PSU	2,000.0 ml/min
3/23/2022 10:04 AM	24:00	6.98 pH	16.78 °C	444.39 µS/cm	3.20 mg/L	11.90 NTU	78.0 mV	28.04 ft	0.22 PSU	2,000.0 ml/min
3/23/2022 10:08 AM	28:00	6.98 pH	16.70 °C	443.88 µS/cm	3.16 mg/L	8.05 NTU	78.6 mV	28.04 ft	0.22 PSU	2,000.0 ml/min
3/23/2022 10:12 AM	32:00	6.98 pH	16.72 °C	444.22 µS/cm	3.15 mg/L	8.01 NTU	79.1 mV	28.05 ft	0.22 PSU	2,000.0 ml/min
3/23/2022 10:16 AM	36:00	6.98 pH	16.80 °C	443.47 µS/cm	3.16 mg/L	5.17 NTU	79.3 mV	28.07 ft	0.21 PSU	2,000.0 ml/min
3/23/2022 10:20 AM	40:00	6.98 pH	16.84 °C	441.81 µS/cm	3.18 mg/L	4.91 NTU	80.2 mV	28.08 ft	0.21 PSU	2,000.0 ml/min

Samples

Sample ID:	Description:
------------	--------------

EQUIPMENT CALIBRATION LOG

Field Technician: Meredith Duncan	Date: 3/23/22	Time of Arrival: 0820	Time (Mileage Check): 1026
Equipment ID: 893479	Field Name: la mette	Phone: 7042-3818	
Client: Bower LF Well Development	Weather/Conditions: 65° Rainy		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
NO ₃ -N (Dist. 100% water returned to well)				94.07	
Specific Conductance (µmhos)	21470032 04/23	19.73	4990	2344968	
pH (N)	21470032 04/24	19.80	4	3.96	
pH (N)	21380102 04/23	20.00	7	7.01	
pH (N)	20000056 04/23	20.18	10	9.99	
ORP (mV)	21140143 04/23	20.18	228	234	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Stability 0 NTO	0	0.00	±0.1 NTO	Yes	No	
Stability 1 NTO	1	1.10	±0.1 NTO	Yes	No	
Stability 10 NTO	10	9.59	±0.1 NTO	Yes	No	

	Temp of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass?		Comments
Mid-Day pH (N) check	20.85	4	4.11	±0.1 NTO	Yes	No	
Mid-Day pH (N) check	20.64	7	7.18	±0.1 NTO	Yes	No	
Mid-Day pH (N) check	20.43	10	10.19	±0.1 NTO	Yes	No	

APPENDIX D

WELL ABANDONMENT DOCUMENTS

MONITORING WELL ABANDONMENT RECORD



WELL NO.: GWA-4

PROJECT NAME: GP-Plant Bowen Landfill

PROJECT NO.: 6122 16 0287

DATE: 3/14/2022

Name of Property Owner: Georgia Power Company

Address of Property: 317 Covered Bridge Road Euharlee, Bartow County, Georgia

Original Purpose of Well Installation: Monitoring well for water quality and levels in overburden upgradient of Cells 1&2

Total Depth of Well

(Measured from Top of Riser): 72.30 ft btoc

Total Well Depth: 69.64 ft bgs

Total

Boring Depth: 69.5 ft bgs

Well Diameter: 2 inches

Screen Slot Size: 0.01 - inch

Length of Screen: 10 ft (59.49 to 69.49 ft bgs)

Depth to Water/Date

(Measure from Top of Riser): well is dry, no water

Description of Well Abandonment Method: Filled well screen and riser up to 47 ft bgs with Haliburton Hole-plug bentonite chips 3/8"-size and hydrated. Overdrilled from ground surface to soil-bedrock interface and removed well casing.

Filled interval from ground surface to soil-bedrock interface with bentonite chips and Aqua-guard bentonite blend grout.

Type and Volume of Materials Used to Plug Well/Borehole: Bentonite chips and Aqua-guard Gallons of: 160 gal Aqua-guard

Riser and Screen Removed or Left in Place: Screen and riser from 49 to 69.6 ft bgs left in place. Casing from ground surface down to soil-bedrock interface at 49 ft bgs removed.

Drilling Contractor Cascade

Driller's Name Cory Franklin

Additional Notes: Initiated well abandonment by removing the protective cover and well pad and bollards. Top of bedrock was at 49 ft bgs. Well screen and casing below soil-bedrock interface at 49 ft bgs filled with bentonite chips (1 bag) and casing left in-place. Overdrilled and removed casing from ground surface to soil-bedrock interface at about 49 ft bgs. Initial application of Aqua guard did not bring the grout level up to the surface. Added 2.5 bags of Hole-plug bentonite chips to overdrilled interval and hydrated. Bentonite chips brought up to 41 ft bgs. Tremie-grouted more Aqua-guard into overdrilled interval and brought the level up to the ground surface.

Wood Environment & Infrastructure Solutions Field Representative

Terrell Parker

Date Well Abandonment Completed: 3/15/2022

MONITORING WELL ABANDONMENT RECORD

WELL NO.: GWA-36

PROJECT NAME: GP-Plant Bowen Landfill

PROJECT NO.: 6122 16 0287

DATE: 3/15/2022



Name of Property Owner: Georgia Power Company

Address of Property: 317 Covered Bridge Road Euharlee, Bartow County, Georgia

Original Purpose of Well Installation: Monitoring well for water quality and levels in overburden upgradient of Cells 3&4

Total Depth of Well

(Measured from Top of Riser): 69.1 ft btoc

Total Well Depth: 76.0 ft bgs

Total

Boring Depth: 76.0 ft bgs

Well Diameter: 2 inches

Screen Slot Size: 0.01 - inch

Length of Screen: 10 ft (65.7 to 75.7 ft bgs)

Depth to Water/Date

(Measure from Top of Riser): 30.8 ft btoc

Description of Well Abandonment Method: Overdrilled well casing to 76 ft bgs and removed screen and casing. Filled overdrilled interval from 76 ft bgs to about 30.2 ft bgs with Haliburton Hole-plug bentonite chips 3/8"-size and hydrated overnight. Tremie-grouted with Aqua-guard bentonite blend grout from ground surface to 30.2 ft bgs.

Type and Volume of Materials Used to Plug Well/Borehole: Bentonite chips and Aqua-guard Gallons of: 60 gal Aqua-guard About 9 bags of bentonite chips and 2 five-gallon buckets of bentonite pellets.

Riser and Screen Removed or Left in Place: Screen and riser from 0 to 76 ft bgs removed.

Drilling Contractor Cascade

Driller's Name Cory Franklin

Additional Notes: Initiated well abandonment by removing the protective cover and well pad and bollards. Overdrilled and removed screen and casing from ground surface to 76 ft bgs. The well screen was filled with about 7 feet of sediment that could not be flushed or pumped out of the well. Filter-pack sand was found in the sampling pump in the well during the January 2022 sampling event. Emplaced about 9 bags of Hole-plug bentonite chips and 2 five-gallon buckets of bentonite pellets from 76 ft bgs to about 30.2 ft bgs and hydrated after well casing was overdrilled. Bentonite chips brought up to top of water table. Tremie-grouted Aqua-guard bentonite blend grout from 30.2 ft bgs up to the ground surface.

Wood Environment & Infrastructure Solutions Field Representative

Terrell Parker

Date Well Abandonment Completed: 3/16/2022

APPENDIX C

MEMORANDA ON HYDROGEOLOGIC MONITORING PROGRAM



To:	Kristen Jurinko, P.G. Southern Company Services, Inc.	From:	Andreas Shoredits, P.G. Stantec Consulting Services Inc.
File:	Hydrogeological Monitoring Memo	Date:	August 31, 2022

Reference: Solid Waste Disposal Facility Permit No. 008-018D (LI) - Hydrogeological Monitoring Program December 16, 2021, through June 3, 2022

Background

Stantec Consulting Services Inc. (Stantec) was retained by Southern Company Services, Inc. (SCS), to assist with the hydrogeological (water level) monitoring program at Georgia Power Company's Plant Bowen (Site) Landfill Cells 1 & 2, 3 & 4, 9 & 10. The work is being conducted to comply with Georgia Department of Natural Resources Environmental Protection Division (EPD) Solid Waste Permit No. 008-018D (LI) to assist with early detection of subsurface changes that might indicate land subsidence or sinkhole formation. Groundwater level fluctuations are monitored in accordance with Section 3.6.5 of the *Plant Bowen Proposed Coal Combustion By-Product Monofill Addendum I Site Acceptability Report – Hydrogeological Assessment and Demonstration of Engineering Measures* (SCS 2004)⁽¹⁾.

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

- Cells 1 & 2: six overburden wells (GWA-1 (overburden/bedrock), GWA-3A, GWC-7Z, GWC-11, GWC-13, and GWC-15) and six bedrock wells (GWA-2R, GWC-6RZ, GWC-8RR, GWC-11R, GWC-13R, and GWC-15R).
- Cells 3 & 4: five overburden wells (GWC-18, GWA-36A, GWA-37, GWA-53, and GWA-55) and eight bedrock wells (GWC-16R, GWC-18R, GWC-21R, GWC-24R, GWC-25R, GWA-36RA, GWA-53R, and GWA-55R).
- Cells 9 & 10: six overburden wells (GWA-39Z, GWA-41, GWA-43, GWC-45, GWC-47, and GWC-49Z) and six bedrock wells (GWA-39RZ, GWA-41R, GWA-43R, GWC-45R, GWC-47R, and GWC-49R).
- Etowah River levels and rainfall data for the reporting period were obtained from a U.S. Geological Survey gauge (02394670) near Cartersville, Georgia.

Water level data are electronically logged multiple times daily by each transducer. Most logged data are uploaded after each reading via satellite telemetry to a central In-Situ Inc.® database. Automated reports are accessible via the In-Situ® database website (ISI Data Center) where the telemetry data are stored and compiled. Data from wells not connected to the site telemetry system are manually downloaded directly from

Reference: Solid Waste Disposal Facility Permit No. 008-018D (LI) - Hydrogeological Monitoring Program December 16, 2021, through June 3, 2022

these transducers, because the transducers are set to log and store data internally multiple times throughout each day.

Maintenance Observations

During the reporting period, the following well locations were noted by Southern Company Civil Field Services (SCS-CFS) staff as having issues: GWA-3A, GWA-36A, GWC-25R, and GWC-49R. The wells were visited on one or more occasions for maintenance, manual data downloads, battery change outs, transducer replacement, desiccant replacement, solar panel adjustment, or reconnection of modem or transducer cables. Monitoring well GWA-36 was abandoned on March 16, 2022 and replaced with new monitoring well GWA-36A on March 18, 2022. A new transducer has not been installed in new well GWA-36A. The data, during this reporting period, for the transducer location at GWA-36 are not continuous due to this transducer being offline due to drilling activities. During the past six-month period, transducers from wells GWA-3A, GWC-25R, and GWC-49R were visited to troubleshoot telemetry system. SCS-CFS staff have identified the potential issues associated with GWC-25R, and GWC-49R are working on correcting these in time for the upcoming hydrogeological monitoring period. After early February 2022, the data upload issues continued at GWA-3A. Historically, the groundwater elevations in GWA-3A have been consistent with GWA-2R, which did not show water level fluctuations attributed to subsurface changes that might be indicative of land subsidence or sinkhole formation. The ongoing data upload issues associated with GWA-3A have yet to be resolved and are being worked on.

Water Level Fluctuations

Continuous groundwater level data and river stage elevations were recorded between December 16, 2021, and June 3, 2022. Reporting period hydrographs for Cells 1 & 2, 3 & 4, and 9 & 10 are shown in Figures 1A through 3B.

Table 1 lists the groundwater sampling, water level gauging and transducer maintenance activities during the reporting period and are considered known disruptions to water table. Table 2 summarizes the data gaps or maintenance issues for the reporting period and recommendations for repairs and includes the most recent repairs completed up to May 10, 2022. Repairs consisted of resetting reference water elevation depth, resealing boxes, ant infestation control, replacing desiccants and replacing power controller units and batteries. Periodic sampling and maintenance may induce drifts in pressure readings. When significant drifts are noted, the reference depth to water is re-set and the logging cycle is re-started. Table 2 is a record of the maintenance completed during the reporting period.

The water levels in monitoring wells equipped with transducers exhibited similar overall trends during the reporting period. Groundwater elevations show an overall stable trend during this six-month period with lower elevations through December followed by elevated water levels and monthly peaks in January, February, and March. There is a steady decrease in groundwater elevations from April through May. The fluctuations of groundwater elevations mimic the Etowah River levels in response to rain events and wet conditions. Some of this hydrograph response may be attributable to the fluctuations in water levels in the nearby General Service Water Pond. Wells GWA-41 and GWA-41R showed rapid hydrograph responses to rainfall during the monitoring period as groundwater in both the overburden and bedrock aquifers at this location responded equally to rainfall events. During this monitoring period, the potentiometric surface of the bedrock aquifer remained above the top of competent bedrock in the instrumented monitoring wells. This higher hydrostatic

Reference: Solid Waste Disposal Facility Permit No. 008-018D (LI) - Hydrogeological Monitoring Program December 16, 2021, through June 3, 2022

pressure of the bedrock aquifer limits removal of material from the overburden that could result in subsidence issues. The observed variations in groundwater elevations are attributed to rainfall variations, or due to sampling or maintenance activities at the monitoring points. A comparison of river stage and precipitation data with recorded groundwater elevations (Figures 1A through 3B) shows that both sets of data follow similar overall patterns.

Conclusions and Recommendations

Observed disruptions in the transducer water levels were found to be directly attributed to (a) drawdown during sampling events, water level gauging, well development, and (b) to maintenance of wells, transducers, or telemetry units, or (c) significant rainfall events. The December 16, 2021, through June 3, 2022, hydrologic monitoring data did not show water level fluctuations attributed to subsurface changes that might be indicative of land subsidence or sinkhole formation. Based on our interpretation of data for the current reporting period (December 16, 2021, through June 3, 2022), Stantec can recommend the following measures towards improving the program:

- Quarterly comprehensive field calibration of transducer groundwater elevations to correct for pressure data drifts and identify faulty sensors.
- Continue to perform periodic maintenance of the system and provide record of maintenance documentation digitally.
- Manually download data, monthly, when a telemetry unit is offline (i.e., not transmitting data to the ISI Data Center). This will ensure that data are being reviewed on a consistent and timely basis.
- Field check equipment to make certain insect infestation is not damaging equipment and verify battery level status of transducers periodically as those with low levels will need to be replaced.
- Replace desiccants in stations on a scheduled manner.
- Maintain vegetation clearance around telemetry stations to continue to allow sunlight reaching the solar panels to charge station batteries.

Stantec Consulting Services Inc.



Andreas Shoredits P.G.
Geologist

Phone: 678 327 2932

Fax:

Andreas.Shoredits@stantec.com

TABLES

Table 1
Known Sampling and Gauging Events Relative to Water Level Fluctuations
December 16, 2021 to June 3, 2022
Georgia Power - Plant Bowen
Stantec Project No. 172678190

Solid Waste Disposal Cells	Well ID	Date Well Gauged	Date Well Sampled	Most Recent Transducer Network Maintenance Per Well	Comments
1 & 2	GWA-1	1/24/2022	2/1/2022	5/10/2022	No issues
	GWA-2	1/24/2022	2/1/2022	--	--
	GWA-2R	1/24/2022	2/1/2022	4/29/2022	Measured water level against transducer reading: Off by 0.87ft; Recalibration of water level
	GWA-3A	1/24/2022	2/2/2022	5/10/2022	Not transmitting data currently; Missing data from 2/25 to 6/3; SCS is currently troubleshooting issue
	GWA-4RZ	1/24/2022	2/2/2022	--	Complete Evac. Performed on 2/2/22
	GWC-5	1/24/2022	2/2/2022	--	--
	GWC-5	--	4/28/2022	--	Resampled on 4/28/22
	GWC-6	1/24/2022	2/2/2022	--	--
	GWC-6RZ	1/24/2022	2/2/2022	5/10/2022	No issues
	GWC-7Z	1/24/2022	2/2/2022	4/29/2022	Measured water level against transducer reading: Off by 1.96ft; Recalibration of water level
	GWC-8RR	1/24/2022	2/2/2022	4/29/2022	Measured water level against transducer reading: Off by 1.14ft; Recalibration of water level
	GWC-8Z	1/24/2022	2/2/2022	--	--
	GWC-8Z	--	4/28/2022	--	Resample on 4/28/22; Sample not submitted for analysis
	GWC-9	1/24/2022	2/2/2022	--	--
	GWC-10	1/24/2022	2/4/2022	--	--
	GWC-10R	1/24/2022	2/4/2022	--	--
	GWC-11	1/24/2022	2/4/2022	4/29/2022	Measured water level against transducer reading: Off by 0.71ft; Recalibration of water level
	GWC-11R	1/24/2022	2/4/2022	4/29/2022	Measured water level against transducer reading: Off by 0.86ft; Recalibration of water level
	GWC-12	1/24/2022	2/2/2022	--	--
	GWC-12	--	4/28/2022	--	Resample on 4/28/22
	GWC-13	1/24/2022	2/17/2022	4/29/2022	Redevelopment on 2/9/22; Measured water level against transducer reading: Off by 0.71ft; Recalibration of water level
	GWC-13R	1/24/2022	--	5/10/2022	No issues
	GWC-13RZ	1/24/2022	2/4/2022	--	Complete Evac. Performed on 2/3/22.
	GWC-14Z	1/24/2022	2/4/2022	--	--
	GWC-15	1/24/2022	--	4/29/2022	Measured water level against transducer reading: Off by 1.39ft; Recalibration of water level
	GWC-15R	1/24/2022	2/4/2022	4/29/2022	Measured water level against transducer reading: Off by 0.56ft; Recalibration of water level
	GWC-15Z	1/24/2022	2/7/2022	--	--
	GWA-50	1/24/2022	2/1/2022	--	--
GWA-50R	1/24/2022	2/2/2022	--	--	
3 & 4	GWA-36	1/24/2022	--	N/A	Well was abandoned on 3/16/22
	GWA-36A	--	4/6/2022	5/10/2022	New well installed on 3/18/22; Well developed on 3/23/22; Missing data 4/28-5/2; GWA-36 transducer (S/N 420330) relocated to here and start logging on 5/2
	GWA-36RA	1/24/2022	1/26/2022	5/10/2022	No issues; Low point readout on 5/2
	GWA-37	1/24/2022	1/26/2022	5/10/2022	No issues
	GWA-38	1/24/2022	1/25/2022	--	--
	GWC-16R	1/24/2022	1/28/2022	5/10/2022	No issues
	GWC-17R	1/24/2022	1/28/2022	--	Complete Evac. Performed on 1/27/22
	GWC-18	1/24/2022	1/28/2022	5/3/2022	Measured water level against transducer reading: Off by 1.20ft; Recalibration of water level
	GWC-18R	1/24/2022	1/27/2022	4/20/2022	Measured water level against transducer reading: Off by 8.29ft
	GWC-19R	1/24/2022	1/27/2022	--	--
	GWC-20R	1/24/2022	1/27/2022	--	--
	GWC-21R	1/24/2022	1/28/2022	5/10/2022	No issues
	GWC-22R	1/24/2022	1/27/2022	--	--
	GWC-23R	1/24/2022	1/28/2022	--	Complete Evac. Performed on 1/27/22
	GWC-24R	1/24/2022	1/28/2022	5/10/2022	No issues
	GWC-25R	1/24/2022	1/27/2022	5/10/2022	Suspected fault with modem; Very little data available for reporting period: Missing 12/18-3/21, 3/26-3/30 and 3/5-6/3 SCS will be submitting modem to vendor for repairs
	GWA-51RZ	1/24/2022	1/26/2022	--	Complete Evac. Performed on 1/25/22
	GWA-52	1/24/2022	1/25/2022	--	--
	GWA-53	1/24/2022	1/26/2022	5/10/2022	No issues
	GWA-53R	1/24/2022	1/26/2022	5/10/2022	No issues
GWA-54	1/24/2022	1/25/2022	--	--	
GWA-55	1/24/2022	1/26/2022	5/10/2022	No issues	
GWA-55R	1/24/2022	1/27/2022	5/10/2022	No issues	
GWA-56	1/24/2022	1/26/2022	--	--	

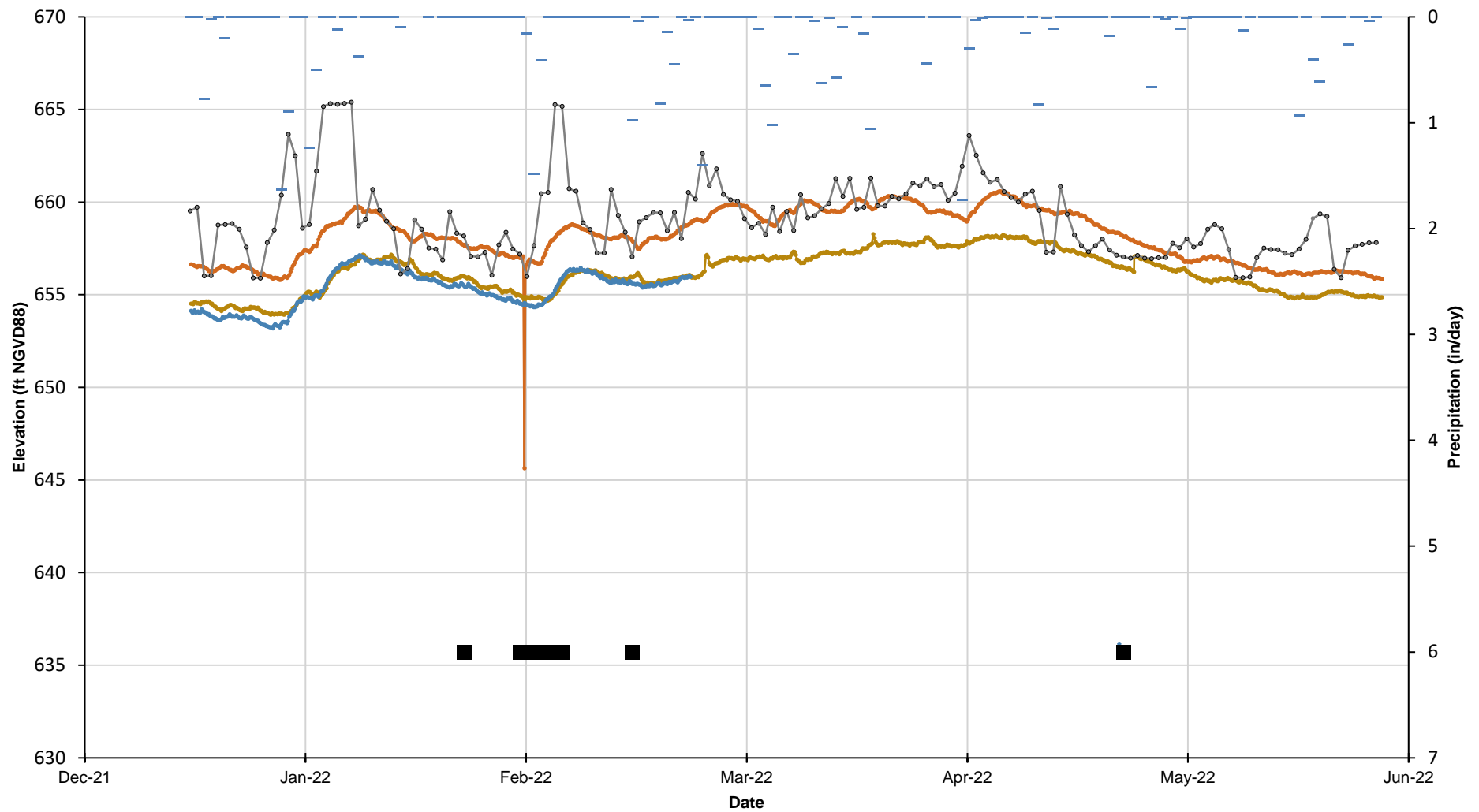
Table 1
Known Sampling and Gauging Events Relative to Water Level Fluctuations
December 16, 2021 to June 3, 2022
Georgia Power - Plant Bowen
Stantec Project No. 172678190

Solid Waste Disposal Cells	Well ID	Date Well Gauged	Date Well Sampled	Most Recent Transducer Network Maintenance Per Well	Comments
9 & 10	GWA-39RZ	1/24/2022	2/2/2022	5/3/2022	Complete Evac. on 2/1/2022; Measured water level against transducer reading: Off by 0.61ft; Recalibration of water level
	GWA-39Z	1/24/2022	1/31/2022	5/10/2022	No issues
	GWA-40	1/24/2022	1/31/2022	--	--
	GWA-41	1/24/2022	1/31/2022	5/10/2022	No issues
	GWA-41R	1/24/2022	1/31/2022	5/10/2022	No issues
	GWA-42	1/24/2022	1/31/2022	--	--
	GWA-43	1/24/2022	1/31/2022	4/29/2022	Measured water level against transducer reading: Off by 38.91ft; Recalibration of water level
	GWA-43R	1/24/2022	1/31/2022	5/10/2022	No issues
	GWC-44	1/24/2022	1/31/2022	--	--
	GWC-45	1/24/2022	2/1/2022	4/20/2022	Measured water level against transducer reading: Off by 9.79ft
	GWC-45R	1/24/2022	2/1/2022	4/20/2022	Measured water level against transducer reading: Off by 9.99ft
	GWC-46R	1/24/2022	1/31/2022	--	--
	GWC-47	1/24/2022	2/1/2022	4/29/2022	Missing Data from 4/21, 4/23 and from 5/7-5/10; Measured water level against transducer reading: Off by 2.43ft; Recalibration of water level
	GWC-47R	1/24/2022	2/1/2022	5/10/2022	Missing Data from 4/21, 4/23 and 5/7-5/10
	GWC-48	1/24/2022	1/31/2022	--	--
	GWC-48	--	4/28/2022	--	Resample on 4/28/22
GWC-49R	1/24/2022	2/1/2022	5/10/2022	Faulty cable; SCS waiting to receive replacement cable for installation; Missing data from 12/23-2/3, 2/5-2/8 and 2/19-6/3	
GWC-49Z	1/24/2022	2/1/2022	5/10/2022	Missing data on 2/2 and 2/5-2/8	

Table 2
Maintenance Information and Recommendations
December 16, 2021 to June 3, 2022
Georgia Power - Plant Bowen
Project Number: 172678190

Cell	Monitoring Well	Date	Maintenance Information	Recommendations
Cells 1&2	GWA-1	5/10/2022	--	--
Cells 1&2	GWA-2R	4/29/2022	Recalibrate reference water level	--
Cells 1&3	GWA-3A	5/10/2022	Not transmitting data, SCS is looking into this	--
Cells 1&2	GWC-6RZ	5/10/2022	--	--
Cells 1&2	GWC-7Z	4/29/2022	Recalibrate reference water level	--
Cells 1&2	GWC-8RR	4/29/2022	Recalibrate reference water level	--
Cells 1&2	GWC-11	4/29/2022	Recalibrate reference water level	--
Cells 1&2	GWC-11R	4/29/2022	Recalibrate reference water level	--
Cells 1&2	GWC-13	4/29/2022	Recalibrate reference water level	--
Cells 1&2	GWC-13R	5/10/2022	--	--
Cells 1&2	GWC-15	4/29/2022	Recalibrate reference water level	--
Cells 1&2	GWC-15R	4/29/2022	Recalibrate reference water level	--
Cells 3&4	GWC-16R	5/10/2022	--	--
Cells 3&4	GWC-18	5/3/2022	Recalibrate reference water level	--
Cells 3&4	GWC-18R	4/20/2022	Water elevation readings are off	Recalibrate reference water level
Cells 3&4	GWC-21R	5/10/2022	--	--
Cells 3&4	GWC-24R	5/10/2022	--	--
Cells 3&4	GWC-25R	12/14/2021	Possible fault with modem, SCS sending unit off for repairs	Reinstall upon return receipt and confirm functionality
Cells 3&4	GWA-36A	5/10/2022	--	Rename well on ISI Data Center
Cells 3&4	GWA-36RA	5/10/2022	--	Rename well on ISI Data Center
Cells 3&4	GWA-37	5/10/2022	--	--
Cells 3&4	GWA-53	5/10/2022	--	--
Cells 3&4	GWA-53R	5/10/2022	--	--
Cells 3&4	GWA-55	5/10/2022	--	--
Cells 3&4	GWA-55R	5/10/2022	--	--
Cells 9&10	GWA-39RZ	5/3/2022	Recalibrate reference water level	--
Cells 9&10	GWA-39Z	5/10/2022	--	--
Cells 9&10	GWA-41	5/10/2022	--	--
Cells 9&10	GWA-41R	5/10/2022	--	--
Cells 9&10	GWA-43	4/29/2022	Recalibrate reference water level	--
Cells 9&10	GWA-43R	5/10/2022	--	--
Cells 9&10	GWC-45	4/20/2022	Water elevation readings are off	Recalibrate reference water level
Cells 9&10	GWC-45R	4/20/2022	Water elevation readings are off	Recalibrate reference water level
Cells 9&10	GWC-47	4/29/2022	Recalibrate reference water level	--
Cells 9&10	GWC-47R	4/20/2022	Minor missing data	Monitor general telemetry closely
Cells 9&10	GWC-49Z	5/10/2022	--	--
Cells 9&10	GWC-49R	4/20/2022	Faulty direct-read cable, SCS is awaiting a replacement cable	Replace cable and verify readings
--	USGS 02394670	--	No functional issues during this reporting period	No action needed.

FIGURES



Legend

- GWA-1
- GWA-3A
- USGS Precipitation
- GWA-2R
- Etowah River Gage
- Monitoring Events

Client/Project

Southern Company Services, Inc.
Solid Waste Disposal Facility
Hydrogeological Monitoring Program

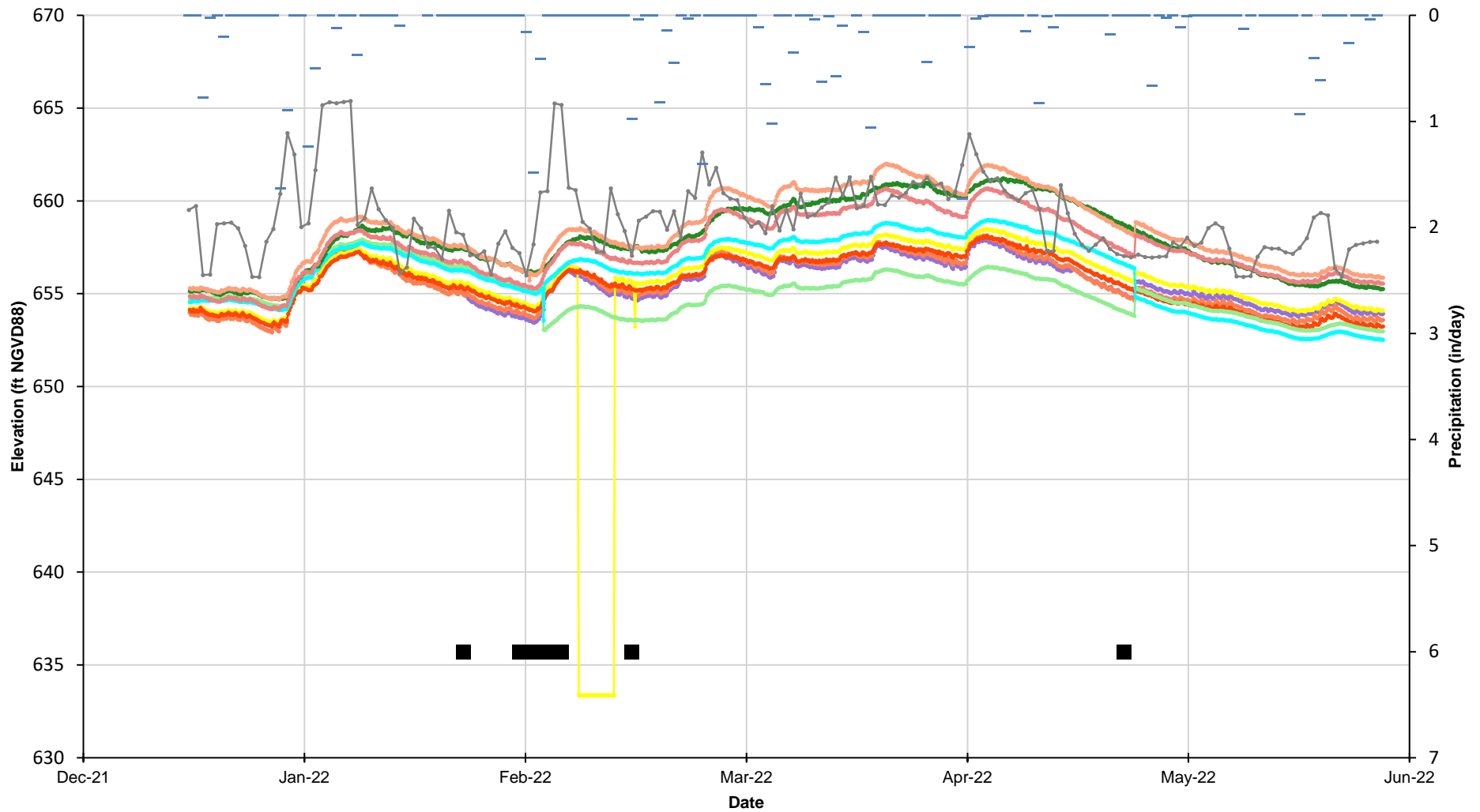
Figure/Well No.

1A

Title

Cell 1&2 Transducer Level Monitoring





Legend

- GWC-11
- GWC-13
- GWC-15
- GWC-6RZ
- GWC-8RR
- USGS Precipitation
- GWC-11R
- GWC-13R
- GWC-15R
- GWC-7Z
- Etowah River Gage
- Monitoring Events

Client/Project

Southern Company Services, Inc.
Solid Waste Disposal Facility
Hydrogeological Monitoring Program

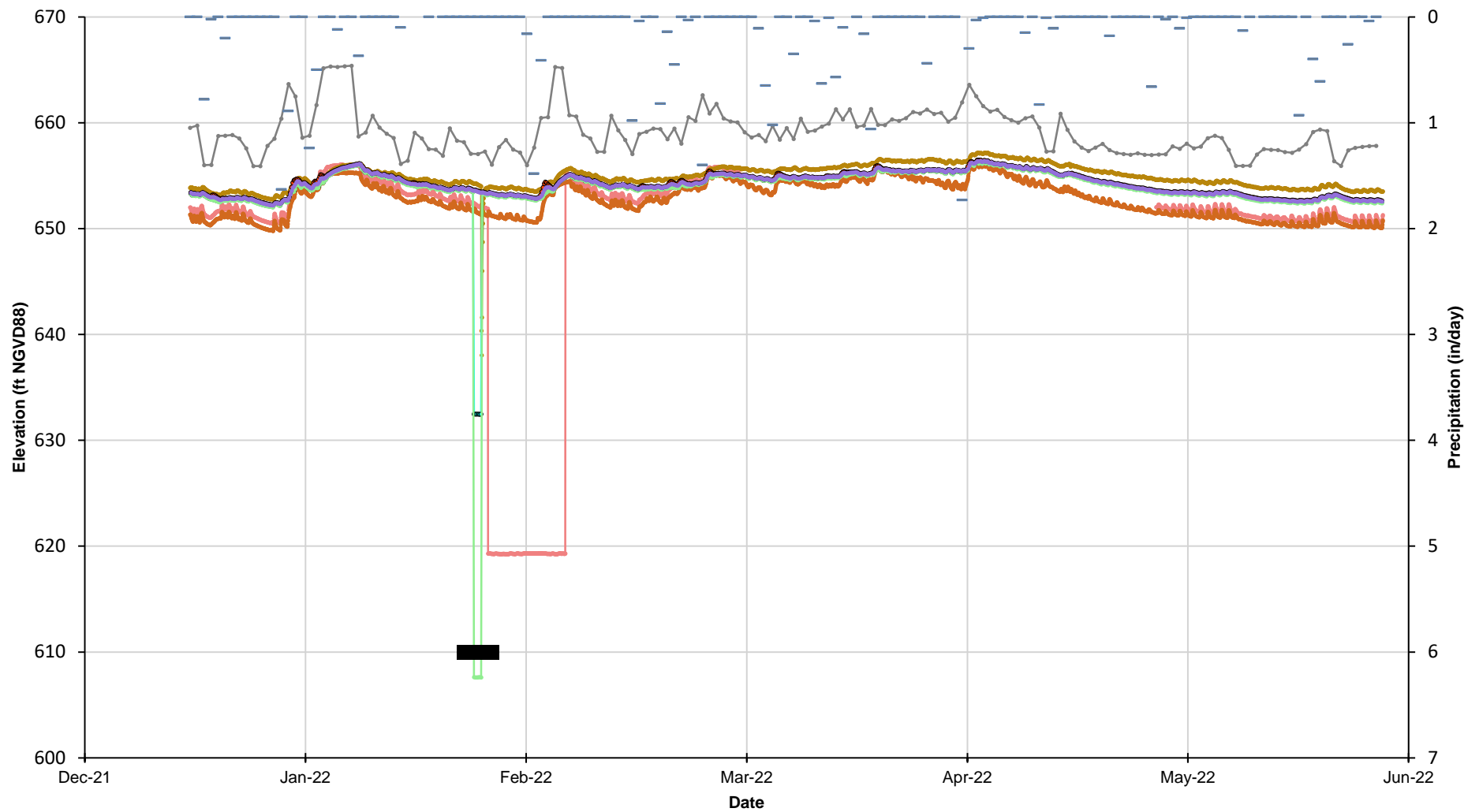
Figure/Well No.

1B

Title

Cell 1&2 Transducer Level Monitoring





Legend

- GWA-36
- GWA-36R
- GWA-37
- GWA-53
- GWA-53R
- GWA-55
- GWA-55R
- Etowah River Gage
- USGS Precipitation
- Monitoring Events

Client/Project

Southern Company Services, Inc.
 Solid Waste Disposal Facility
 Hydrogeological Monitoring Program

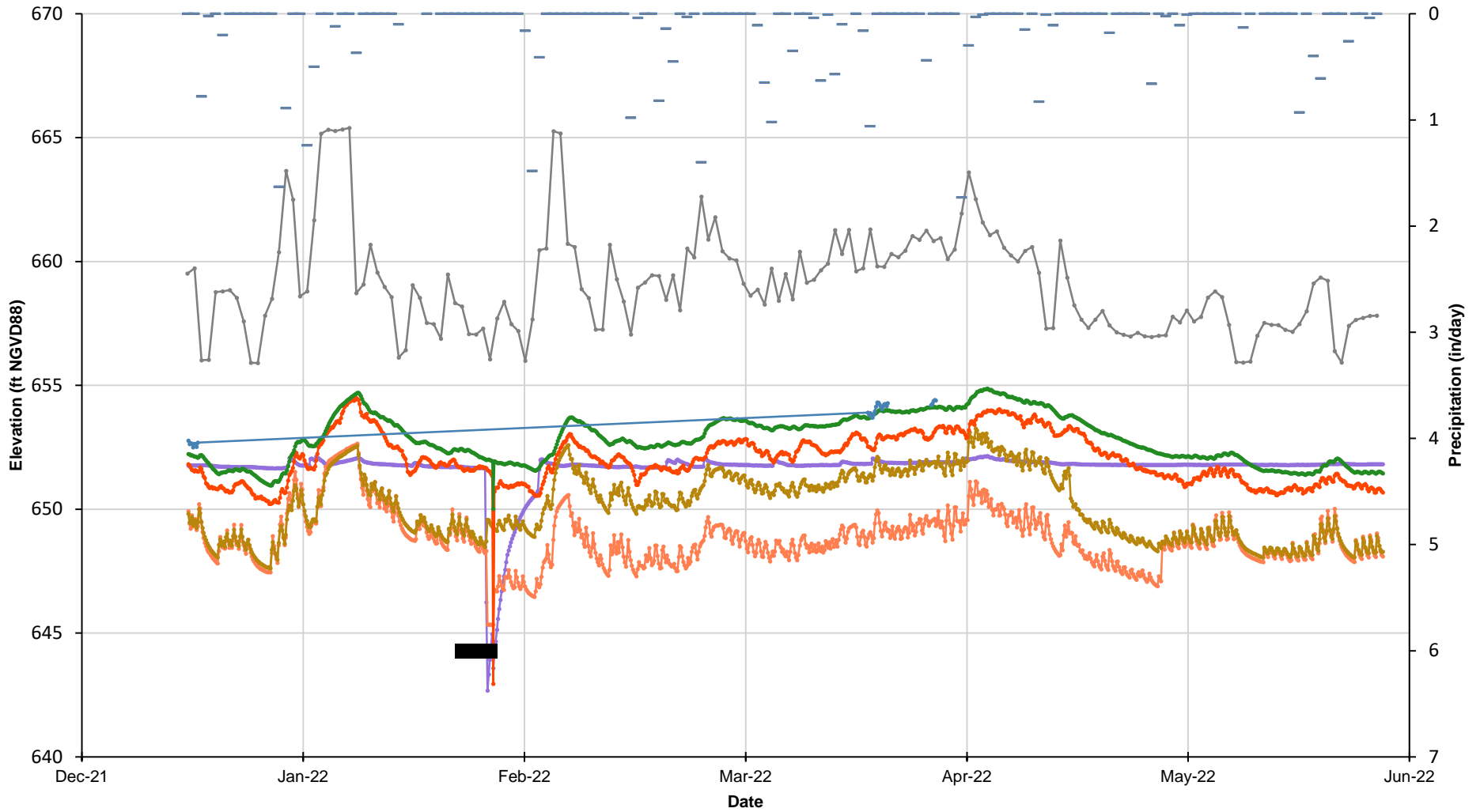
Figure/Well No.

2A

Title

Cell 3 & 4 Transducer Level Monitoring





Legend

- GWC-16R
- GWC-18
- GWC-18R
- GWC-21R
- GWC-24R
- GWC-25R
- Etowah River Gage
- USGS Precipitation
- Monitoring Events

Client/Project

Southern Company Services, Inc.
Solid Waste Disposal Facility
Hydrogeological Monitoring Program

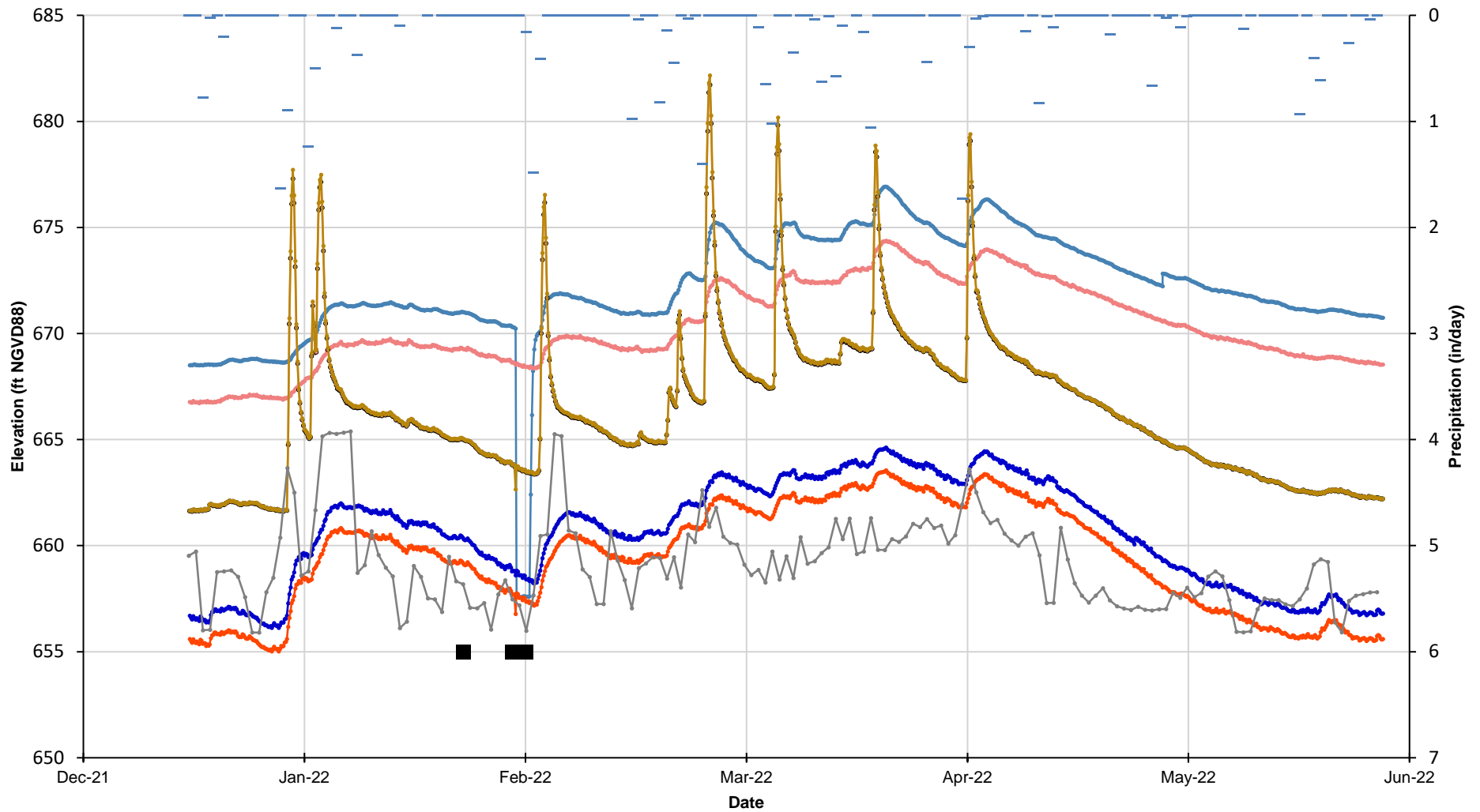
Figure/Well No.

2B

Title

Cell 3 & 4 Transducer Level Monitoring





Legend

- GWA-39RZ
- GWA-41
- GWA-43
- Etowah River Gage
- Monitoring Events
- GWA-39Z
- GWA-41R
- GWA-43R
- USGS Precipitation

Client/Project

Southern Company Services, Inc.
Solid Waste Disposal Facility
Hydrogeological Monitoring Program

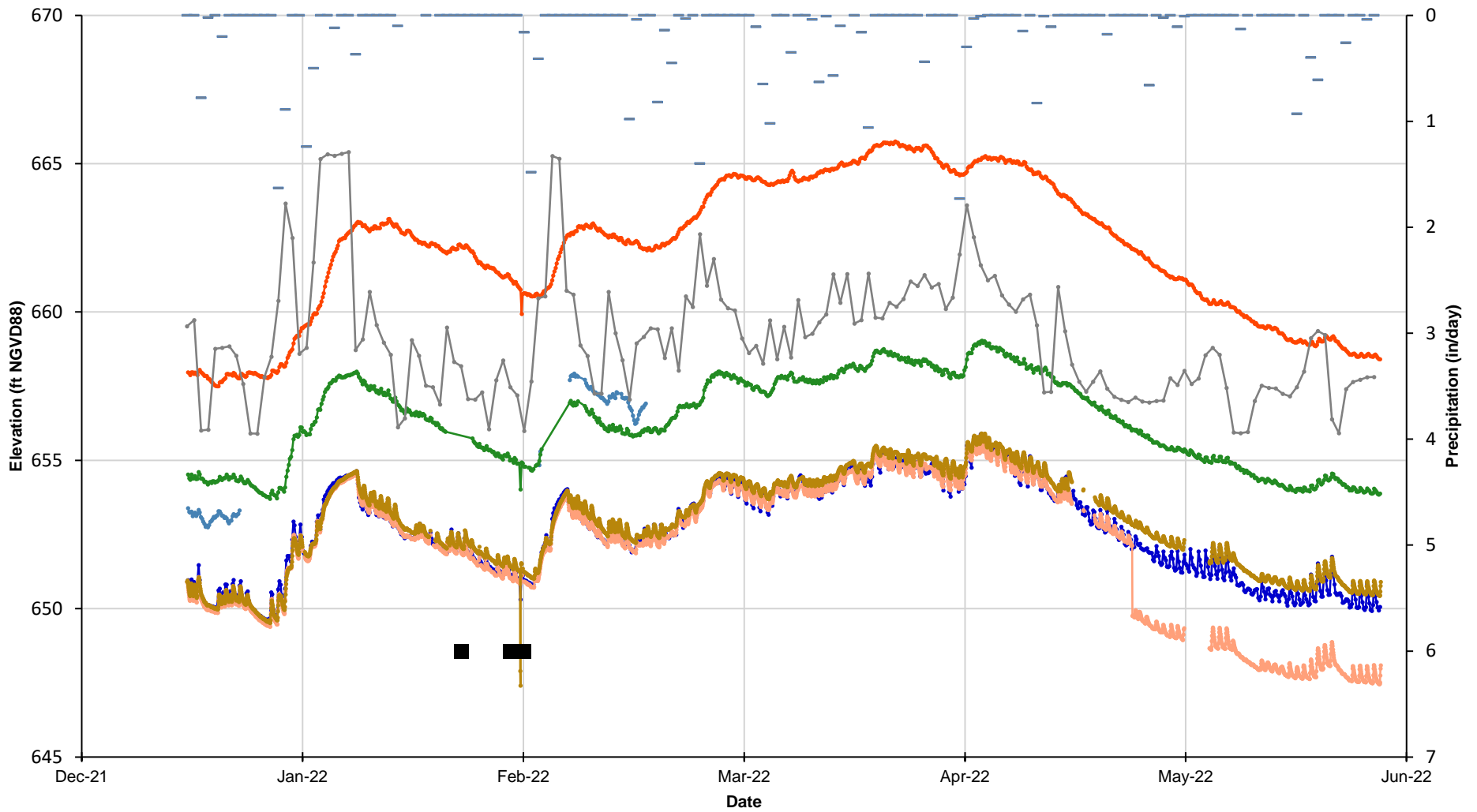
Figure/Well No.

3A

Title

Cell 9 & 10 Transducer Level Monitoring





Legend

- GWC-45
- GWC-47
- GWC-49R
- Etowah River Gage
- Monitoring Events
- GWC-45R
- GWC-47R
- GWC-49Z
- USGS Precipitation

Client/Project

Southern Company Services, Inc.
 Solid Waste Disposal Facility
 Hydrogeological Monitoring Program

Figure/Well No.

3B

Title

Cell 9 & 10 Transducer Level Monitoring



APPENDIX D

LABORATORY ANALYTICAL DATA AND

FIELD SAMPLING REPORTS





March 10, 2022

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: BOWEN LF CELLS 3&4
Pace Project No.: 92585058

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory between January 28, 2022 and February 01, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA
- Pace Analytical Services - Minneapolis

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

Sincerely,

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Michelle Barker, WOOD E&I
Anna Bottum, ERM
Andrea Brazell, ERM
Kristen Jurinko
Ms. Lauren Petty, Southern Company
Rhonda Quinn, WOOD E&I
Lacy Smith, ERM
Caitlin Tillema, ERM
Christine Weaver, ERM

Greg Wrenn, WOOD E&I



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

- A2LA Certification #: 2926.01*
- Alabama Certification #: 40770
- Alaska Contaminated Sites Certification #: 17-009*
- Alaska DW Certification #: MN00064
- Arizona Certification #: AZ0014*
- Arkansas DW Certification #: MN00064
- Arkansas WW Certification #: 88-0680
- California Certification #: 2929
- Colorado Certification #: MN00064
- Connecticut Certification #: PH-0256
- EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
- Florida Certification #: E87605*
- Georgia Certification #: 959
- Hawaii Certification #: MN00064
- Idaho Certification #: MN00064
- Illinois Certification #: 200011
- Indiana Certification #: C-MN-01
- Iowa Certification #: 368
- Kansas Certification #: E-10167
- Kentucky DW Certification #: 90062
- Kentucky WW Certification #: 90062
- Louisiana DEQ Certification #: AI-03086*
- Louisiana DW Certification #: MN00064
- Maine Certification #: MN00064*
- Maryland Certification #: 322
- Michigan Certification #: 9909
- Minnesota Certification #: 027-053-137*
- Minnesota Dept of Ag Approval: via MN 027-053-137
- Minnesota Petrofund Registration #: 1240*
- Mississippi Certification #: MN00064

- Missouri Certification #: 10100
 - Montana Certification #: CERT0092
 - Nebraska Certification #: NE-OS-18-06
 - Nevada Certification #: MN00064
 - New Hampshire Certification #: 2081*
 - New Jersey Certification #: MN002
 - New York Certification #: 11647*
 - North Carolina DW Certification #: 27700
 - North Carolina WW Certification #: 530
 - North Dakota Certification #: R-036
 - Ohio DW Certification #: 41244
 - Ohio VAP Certification (1700) #: CL101
 - Ohio VAP Certification (1800) #: CL110*
 - Oklahoma Certification #: 9507*
 - Oregon Primary Certification #: MN300001
 - Oregon Secondary Certification #: MN200001*
 - Pennsylvania Certification #: 68-00563*
 - Puerto Rico Certification #: MN00064
 - South Carolina Certification #:74003001
 - Tennessee Certification #: TN02818
 - Texas Certification #: T104704192*
 - Utah Certification #: MN00064*
 - Vermont Certification #: VT-027053137
 - Virginia Certification #: 460163*
 - Washington Certification #: C486*
 - West Virginia DEP Certification #: 382
 - West Virginia DW Certification #: 9952 C
 - Wisconsin Certification #: 999407970
 - Wyoming UST Certification #: via A2LA 2926.01
 - USDA Permit #: P330-19-00208
- *Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006

- South Carolina Certification #: 99006001
- South Carolina Drinking Water Cert. #: 99006003
- Florida/NELAP Certification #: E87627
- Kentucky UST Certification #: 84
- Louisiana DoH Drinking Water #: LA029
- Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40

- South Carolina Laboratory ID: 99030
- South Carolina Certification #: 99030001
- Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315

- Georgia DW Inorganics Certification #: 812
- North Carolina Certification #: 381

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LF CELLS 3&4
Pace Project No.: 92585058

Pace Analytical Services Peachtree Corners
South Carolina Certification #: 98011001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92585058001	GWA-38	Water	01/25/22 13:54	01/28/22 09:30
92585058002	GWA-52	Water	01/25/22 16:52	01/28/22 09:30
92585058003	GWA-54	Water	01/25/22 15:28	01/28/22 09:30
92585058004	FB-1	Water	01/25/22 16:18	01/28/22 09:30
92585058005	GWA-36RA	Water	01/26/22 10:35	01/28/22 09:30
92585058006	GWA-37	Water	01/26/22 13:10	01/28/22 09:30
92585058007	GWA-51RZ	Water	01/26/22 12:45	01/28/22 09:30
92585058008	GWA-53	Water	01/26/22 11:45	01/28/22 09:30
92585058009	GWA-53R	Water	01/26/22 14:20	01/28/22 09:30
92585058010	GWA-55	Water	01/26/22 15:30	01/28/22 09:30
92585058011	GWA-56	Water	01/26/22 16:01	01/28/22 09:30
92585058012	DUP-1	Water	01/26/22 00:00	01/28/22 09:30
92585058013	FB-2	Water	01/26/22 16:15	01/28/22 09:30
92585058014	EB-1	Water	01/26/22 16:10	01/28/22 09:30
92585058015	GWC-18R	Water	01/27/22 13:06	01/28/22 09:30
92585058016	GWC-19R	Water	01/27/22 14:20	01/28/22 09:30
92585058017	GWC-20R	Water	01/27/22 15:52	01/28/22 09:30
92585058018	GWC-22R	Water	01/27/22 16:00	01/28/22 09:30
92585058019	GWC-25R	Water	01/27/22 13:53	01/28/22 09:30
92585058020	GWA-55R	Water	01/27/22 12:30	01/28/22 09:30
92585058021	DUP-2	Water	01/27/22 00:00	01/28/22 09:30
92585058022	FB-3	Water	01/27/22 16:30	01/28/22 09:30
92585058023	GWC-16R	Water	01/28/22 09:38	02/01/22 11:22
92585058024	GWC-17R	Water	01/28/22 10:20	02/01/22 11:22
92585058025	GWC-18	Water	01/28/22 12:04	02/01/22 11:22
92585058026	GWC-21R	Water	01/28/22 12:17	02/01/22 11:22
92585058027	GWC-23R	Water	01/28/22 11:07	02/01/22 11:22
92585058028	GWC-24R	Water	01/28/22 10:35	02/01/22 11:22
92585058029	DUP-3	Water	01/28/22 00:00	02/01/22 11:22
92585058030	FB-4	Water	01/28/22 11:55	02/01/22 11:22

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92585058001	GWA-38	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92585058002	GWA-52	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585058003	GWA-54	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
92585058004	FB-1	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
92585058005	GWA-36RA	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
92585058006	GWA-37	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
92585058007	GWA-51RZ	EPA 6010D	KH	5	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92585058008	GWA-53	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92585058009	GWA-53R	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
92585058010	GWA-55	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
92585058011	GWA-56	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92585058012	DUP-1	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
92585058013	FB-2	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92585058014	EB-1	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585058015	GWC-18R	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
92585058016	GWC-19R	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
92585058017	GWC-20R	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585058018	GWC-22R	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
92585058019	GWC-25R	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92585058020	GWA-55R	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585058021	DUP-2	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92585058022	FB-3	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
92585058023	GWC-16R	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
92585058024	GWC-17R	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
92585058025	GWC-18	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92585058026	GWC-21R	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585058027	GWC-23R	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585058028	GWC-24R	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585058029	DUP-3	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585058030	FB-4	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A

PASI-A = Pace Analytical Services - Asheville
 PASI-C = Pace Analytical Services - Charlotte
 PASI-GA = Pace Analytical Services - Peachtree Corners, GA
 PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92585058001	GWA-38					
	Performed by	CUSTOMER			01/28/22 14:43	
	pH	5.14	Std. Units		01/28/22 14:43	
EPA 6010D	Calcium	1.1	mg/L	1.0	02/07/22 20:35	
EPA 6010D	Potassium	0.46	mg/L	0.20	02/07/22 20:35	BC
EPA 6010D	Sodium	3.5	mg/L	1.0	02/07/22 20:35	
EPA 6010D	Magnesium	0.44	mg/L	0.050	02/07/22 20:35	
EPA 6020B	Barium	0.012	mg/L	0.0050	02/11/22 18:36	
EPA 6020B	Chromium	0.0014J	mg/L	0.0050	02/11/22 18:36	
EPA 6020B	Cobalt	0.0011J	mg/L	0.0050	02/11/22 18:36	
EPA 6020B	Nickel	0.00093J	mg/L	0.0050	02/11/22 18:36	
SM 2540C-2015	Total Dissolved Solids	27.0	mg/L	10.0	02/01/22 14:07	
SM 2320B	Alkalinity, Total as CaCO3	4.9J	mg/L	5.0	02/03/22 18:02	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	4.9J	mg/L	5.0	02/03/22 18:02	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	02/02/22 01:13	
EPA 300.0 Rev 2.1 1993	Sulfate	0.58J	mg/L	1.0	02/02/22 01:13	
92585058002	GWA-52					
	Performed by	CUSTOMER			01/28/22 14:43	
	pH	7.44	Std. Units		01/28/22 14:43	
EPA 6010D	Calcium	28.6	mg/L	1.0	02/07/22 20:54	
EPA 6010D	Potassium	1.2	mg/L	0.20	02/07/22 20:54	BC
EPA 6010D	Sodium	5.1	mg/L	1.0	02/07/22 20:54	
EPA 6010D	Magnesium	14.6	mg/L	0.050	02/07/22 20:54	
EPA 6020B	Arsenic	0.0030J	mg/L	0.0050	02/11/22 18:42	
EPA 6020B	Barium	0.023	mg/L	0.0050	02/11/22 18:42	
EPA 6020B	Chromium	0.0012J	mg/L	0.0050	02/11/22 18:42	
SM 2540C-2015	Total Dissolved Solids	136	mg/L	10.0	02/01/22 14:07	
SM 2320B	Alkalinity, Total as CaCO3	132	mg/L	5.0	02/03/22 17:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	132	mg/L	5.0	02/03/22 17:20	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/02/22 01:27	
EPA 300.0 Rev 2.1 1993	Sulfate	8.6	mg/L	1.0	02/02/22 01:27	
92585058003	GWA-54					
	Performed by	CUSTOMER			01/28/22 14:44	
	pH	7.38	Std. Units		01/28/22 14:44	
EPA 6010D	Calcium	24.3	mg/L	1.0	02/07/22 21:09	
EPA 6010D	Potassium	0.87	mg/L	0.20	02/07/22 21:09	
EPA 6010D	Sodium	2.5	mg/L	1.0	02/07/22 21:09	
EPA 6010D	Magnesium	13.9	mg/L	0.050	02/07/22 21:09	
EPA 6020B	Barium	0.031	mg/L	0.0050	02/11/22 19:06	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	02/11/22 19:06	
SM 2540C-2015	Total Dissolved Solids	113	mg/L	10.0	02/01/22 14:07	
SM 2320B	Alkalinity, Total as CaCO3	116	mg/L	5.0	02/03/22 17:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	116	mg/L	5.0	02/03/22 17:36	
EPA 300.0 Rev 2.1 1993	Chloride	0.81J	mg/L	1.0	02/02/22 01:41	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	02/02/22 01:41	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92585058004	FB-1					
EPA 6020B	Arsenic	0.0013J	mg/L	0.0050	02/11/22 19:12	
92585058005	GWA-36RA					
	Performed by	CUSTOMER			01/28/22 14:44	
	pH	7.01	Std. Units		01/28/22 14:44	
EPA 6010D	Calcium	41.0	mg/L	1.0	02/07/22 21:18	
EPA 6010D	Potassium	1.1	mg/L	0.20	02/07/22 21:18	
EPA 6010D	Sodium	2.0	mg/L	1.0	02/07/22 21:18	
EPA 6010D	Magnesium	21.4	mg/L	0.050	02/07/22 21:18	
EPA 6020B	Barium	0.035	mg/L	0.0050	02/11/22 19:18	
EPA 6020B	Boron	0.012J	mg/L	0.040	02/11/22 19:18	
SM 2540C-2015	Total Dissolved Solids	184	mg/L	10.0	02/02/22 17:22	
SM 2320B	Alkalinity, Total as CaCO3	182	mg/L	5.0	02/03/22 22:13	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	182	mg/L	5.0	02/03/22 22:13	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	02/02/22 02:09	
EPA 300.0 Rev 2.1 1993	Sulfate	7.5	mg/L	1.0	02/02/22 02:09	
92585058006	GWA-37					
	Performed by	CUSTOMER			01/28/22 14:44	
	pH	4.69	Std. Units		01/28/22 14:44	
EPA 6010D	Calcium	0.70J	mg/L	1.0	02/07/22 21:23	
EPA 6010D	Potassium	0.38	mg/L	0.20	02/07/22 21:23	
EPA 6010D	Sodium	3.1	mg/L	1.0	02/07/22 21:23	
EPA 6010D	Magnesium	0.29	mg/L	0.050	02/07/22 21:23	
EPA 6020B	Arsenic	0.0019J	mg/L	0.0050	02/11/22 19:36	
EPA 6020B	Barium	0.0046J	mg/L	0.0050	02/11/22 19:36	
EPA 6020B	Copper	0.013	mg/L	0.0050	02/11/22 19:36	
EPA 6020B	Nickel	0.016	mg/L	0.0050	02/11/22 19:36	
SM 2540C-2015	Total Dissolved Solids	26.0	mg/L	10.0	02/02/22 17:22	
SM 2320B	Alkalinity, Total as CaCO3	6.8	mg/L	5.0	02/03/22 23:14	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	6.8	mg/L	5.0	02/03/22 23:14	
EPA 300.0 Rev 2.1 1993	Chloride	0.88J	mg/L	1.0	02/02/22 02:23	
92585058007	GWA-51RZ					
	Performed by	CUSTOMER			01/28/22 14:44	
	pH	7.78	Std. Units		01/28/22 14:44	
EPA 6010D	Calcium	50.5	mg/L	1.0	02/07/22 21:28	
EPA 6010D	Potassium	1.0	mg/L	0.20	02/07/22 21:28	
EPA 6010D	Sodium	3.6	mg/L	1.0	02/07/22 21:28	
EPA 6010D	Magnesium	23.5	mg/L	0.050	02/07/22 21:28	
EPA 6020B	Arsenic	0.0047J	mg/L	0.0050	02/11/22 19:42	
EPA 6020B	Barium	0.034	mg/L	0.0050	02/11/22 19:42	
EPA 6020B	Boron	0.0088J	mg/L	0.040	02/11/22 19:42	
SM 2540C-2015	Total Dissolved Solids	190	mg/L	10.0	02/02/22 17:22	
SM 2320B	Alkalinity, Total as CaCO3	184	mg/L	5.0	02/03/22 22:21	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	184	mg/L	5.0	02/03/22 22:21	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92585058007	GWA-51RZ					
EPA 300.0 Rev 2.1 1993	Chloride	2.9	mg/L	1.0	02/02/22 02:37	
EPA 300.0 Rev 2.1 1993	Sulfate	22.2	mg/L	1.0	02/02/22 02:37	
92585058008	GWA-53					
	Performed by	CUSTOMER			01/28/22 14:45	
	pH	7.72	Std. Units		01/28/22 14:45	
EPA 6010D	Calcium	29.6	mg/L	1.0	02/07/22 21:33	
EPA 6010D	Potassium	0.68	mg/L	0.20	02/07/22 21:33	
EPA 6010D	Sodium	1.7	mg/L	1.0	02/07/22 21:33	
EPA 6010D	Magnesium	16.3	mg/L	0.050	02/07/22 21:33	
EPA 6020B	Barium	0.013	mg/L	0.0050	02/11/22 19:48	
EPA 6020B	Beryllium	0.000070J	mg/L	0.00050	02/11/22 19:48	
SM 2540C-2015	Total Dissolved Solids	131	mg/L	10.0	02/02/22 17:22	
SM 2320B	Alkalinity, Total as CaCO3	132	mg/L	5.0	02/03/22 22:26	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	132	mg/L	5.0	02/03/22 22:26	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/02/22 03:18	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	02/02/22 03:18	
92585058009	GWA-53R					
	Performed by	CUSTOMER			01/28/22 14:45	
	pH	7.78	Std. Units		01/28/22 14:45	
EPA 6010D	Calcium	30.4	mg/L	1.0	02/07/22 21:37	
EPA 6010D	Potassium	0.67	mg/L	0.20	02/07/22 21:37	
EPA 6010D	Sodium	1.5	mg/L	1.0	02/07/22 21:37	
EPA 6010D	Magnesium	16.5	mg/L	0.050	02/07/22 21:37	
EPA 6020B	Barium	0.014	mg/L	0.0050	02/11/22 19:53	
SM 2540C-2015	Total Dissolved Solids	144	mg/L	10.0	02/02/22 17:23	
SM 2320B	Alkalinity, Total as CaCO3	139	mg/L	5.0	02/03/22 22:39	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	139	mg/L	5.0	02/03/22 22:39	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	02/02/22 04:00	
EPA 300.0 Rev 2.1 1993	Sulfate	1.6	mg/L	1.0	02/02/22 04:00	
92585058010	GWA-55					
	Performed by	CUSTOMER			01/28/22 14:45	
	pH	7.21	Std. Units		01/28/22 14:45	
EPA 6010D	Calcium	53.2	mg/L	1.0	02/07/22 21:42	
EPA 6010D	Potassium	1.4	mg/L	0.20	02/07/22 21:42	
EPA 6010D	Sodium	0.97J	mg/L	1.0	02/07/22 21:42	
EPA 6010D	Magnesium	27.9	mg/L	0.050	02/07/22 21:42	
EPA 6020B	Barium	0.026	mg/L	0.0050	02/11/22 19:59	
EPA 6020B	Cobalt	0.0035J	mg/L	0.0050	02/11/22 19:59	
EPA 6020B	Selenium	0.0025J	mg/L	0.0050	02/11/22 19:59	
SM 2540C-2015	Total Dissolved Solids	244	mg/L	10.0	02/02/22 17:23	
SM 2320B	Alkalinity, Total as CaCO3	190	mg/L	5.0	02/03/22 22:44	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	190	mg/L	5.0	02/03/22 22:44	
EPA 300.0 Rev 2.1 1993	Chloride	5.8	mg/L	1.0	02/02/22 04:42	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92585058010	GWA-55					
EPA 300.0 Rev 2.1 1993	Sulfate	32.5	mg/L	1.0	02/02/22 04:42	
92585058011	GWA-56					
	Performed by	CUSTOMER			01/28/22 14:45	
	pH	7.45	Std. Units		01/28/22 14:45	
EPA 6010D	Calcium	37.6	mg/L	1.0	02/07/22 21:47	
EPA 6010D	Potassium	3.6	mg/L	0.20	02/07/22 21:47	
EPA 6010D	Sodium	39.4	mg/L	1.0	02/07/22 21:47	
EPA 6010D	Magnesium	22.4	mg/L	0.050	02/07/22 21:47	
EPA 6020B	Arsenic	0.0015J	mg/L	0.0050	02/11/22 20:05	
EPA 6020B	Barium	0.032	mg/L	0.0050	02/11/22 20:05	
EPA 6020B	Boron	0.014J	mg/L	0.040	02/11/22 20:05	
SM 2540C-2015	Total Dissolved Solids	278	mg/L	10.0	02/02/22 17:23	
SM 2320B	Alkalinity, Total as CaCO3	216	mg/L	5.0	02/03/22 22:50	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	216	mg/L	5.0	02/03/22 22:50	
EPA 300.0 Rev 2.1 1993	Chloride	5.2	mg/L	1.0	02/02/22 04:56	
EPA 300.0 Rev 2.1 1993	Fluoride	0.076J	mg/L	0.10	02/02/22 04:56	
EPA 300.0 Rev 2.1 1993	Sulfate	47.1	mg/L	1.0	02/02/22 04:56	
92585058012	DUP-1					
EPA 6010D	Calcium	53.7	mg/L	1.0	02/07/22 21:52	
EPA 6010D	Potassium	1.5	mg/L	0.20	02/07/22 21:52	
EPA 6010D	Sodium	1.0	mg/L	1.0	02/07/22 21:52	
EPA 6010D	Magnesium	28.3	mg/L	0.050	02/07/22 21:52	
EPA 6020B	Arsenic	0.0020J	mg/L	0.0050	02/11/22 20:11	
EPA 6020B	Barium	0.029	mg/L	0.0050	02/11/22 20:11	
EPA 6020B	Cobalt	0.0039J	mg/L	0.0050	02/11/22 20:11	
EPA 6020B	Selenium	0.0025J	mg/L	0.0050	02/11/22 20:11	
SM 2540C-2015	Total Dissolved Solids	226	mg/L	10.0	02/02/22 17:23	
SM 2320B	Alkalinity, Total as CaCO3	193	mg/L	5.0	02/03/22 22:57	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	193	mg/L	5.0	02/03/22 22:57	
EPA 300.0 Rev 2.1 1993	Chloride	5.8	mg/L	1.0	02/02/22 05:10	
EPA 300.0 Rev 2.1 1993	Sulfate	32.7	mg/L	1.0	02/02/22 05:10	
92585058013	FB-2					
EPA 6020B	Arsenic	0.0013J	mg/L	0.0050	02/11/22 20:17	
92585058015	GWC-18R					
	Performed by	CUSTOMER			01/28/22 14:46	
	pH	7.76	Std. Units		01/28/22 14:46	
EPA 6010D	Potassium	0.63	mg/L	0.20	02/10/22 17:15	
EPA 6010D	Sodium	1.4	mg/L	1.0	02/10/22 17:15	
EPA 6010D	Calcium	29.3	mg/L	1.0	02/10/22 17:15	M1
EPA 6010D	Magnesium	16.4	mg/L	0.050	02/10/22 17:15	M1
EPA 6020B	Barium	0.014	mg/L	0.0050	02/11/22 20:29	
EPA 6020B	Beryllium	0.000055J	mg/L	0.00050	02/11/22 20:29	
EPA 6020B	Chromium	0.0015J	mg/L	0.0050	02/11/22 20:29	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92585058015	GWC-18R					
SM 2540C-2015	Total Dissolved Solids	146	mg/L	10.0	02/02/22 17:43	
SM 2320B	Alkalinity, Total as CaCO3	141	mg/L	5.0	02/04/22 15:23	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	141	mg/L	5.0	02/04/22 15:23	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	02/02/22 06:20	
EPA 300.0 Rev 2.1 1993	Sulfate	2.1	mg/L	1.0	02/02/22 06:20	
92585058016	GWC-19R					
	Performed by	CUSTOMER			01/28/22 14:46	
	pH	7.74	Std. Units		01/28/22 14:46	
EPA 6010D	Potassium	0.76	mg/L	0.20	02/10/22 17:35	
EPA 6010D	Sodium	1.3	mg/L	1.0	02/10/22 17:35	
EPA 6010D	Calcium	33.2	mg/L	1.0	02/10/22 17:35	
EPA 6010D	Magnesium	18.3	mg/L	0.050	02/10/22 17:35	
EPA 6020B	Barium	0.016	mg/L	0.0050	02/11/22 20:47	
SM 2540C-2015	Total Dissolved Solids	149	mg/L	10.0	02/02/22 17:43	
SM 2320B	Alkalinity, Total as CaCO3	149	mg/L	5.0	02/04/22 15:29	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	149	mg/L	5.0	02/04/22 15:29	
EPA 300.0 Rev 2.1 1993	Chloride	2.5	mg/L	1.0	02/02/22 06:34	
EPA 300.0 Rev 2.1 1993	Sulfate	3.9	mg/L	1.0	02/02/22 06:34	
92585058017	GWC-20R					
	Performed by	CUSTOMER			01/28/22 14:46	
	pH	7.73	Std. Units		01/28/22 14:46	
EPA 6010D	Potassium	0.72	mg/L	0.20	02/10/22 17:39	
EPA 6010D	Sodium	2.1	mg/L	1.0	02/10/22 17:39	
EPA 6010D	Calcium	36.2	mg/L	1.0	02/10/22 17:39	
EPA 6010D	Magnesium	20.0	mg/L	0.050	02/10/22 17:39	
EPA 6020B	Barium	0.028	mg/L	0.0050	02/11/22 20:53	
SM 2540C-2015	Total Dissolved Solids	176	mg/L	10.0	02/02/22 17:43	
SM 2320B	Alkalinity, Total as CaCO3	171	mg/L	5.0	02/04/22 15:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	171	mg/L	5.0	02/04/22 15:34	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/02/22 06:47	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	02/02/22 06:47	
92585058018	GWC-22R					
	Performed by	CUSTOMER			01/28/22 14:46	
	pH	7.28	Std. Units		01/28/22 14:46	
EPA 6010D	Potassium	1.5	mg/L	0.20	02/10/22 17:44	
EPA 6010D	Sodium	1.8	mg/L	1.0	02/10/22 17:44	
EPA 6010D	Calcium	36.9	mg/L	1.0	02/10/22 17:44	
EPA 6010D	Magnesium	20.0	mg/L	0.050	02/10/22 17:44	
EPA 6020B	Arsenic	0.0045J	mg/L	0.0050	02/11/22 20:59	
EPA 6020B	Barium	0.060	mg/L	0.0050	02/11/22 20:59	
EPA 6020B	Cobalt	0.0011J	mg/L	0.0050	02/11/22 20:59	
EPA 6020B	Nickel	0.00076J	mg/L	0.0050	02/11/22 20:59	
SM 2540C-2015	Total Dissolved Solids	167	mg/L	10.0	02/02/22 17:44	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92585058018	GWC-22R					
SM 2320B	Alkalinity, Total as CaCO3	176	mg/L	5.0	02/04/22 15:40	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	176	mg/L	5.0	02/04/22 15:40	
EPA 300.0 Rev 2.1 1993	Chloride	2.5	mg/L	1.0	02/02/22 07:01	
EPA 300.0 Rev 2.1 1993	Sulfate	1.3	mg/L	1.0	02/02/22 07:01	
92585058019	GWC-25R					
	Performed by	CUSTOME			01/28/22 14:46	
		R				
	pH	7.46	Std. Units		01/28/22 14:46	
EPA 6010D	Potassium	0.66	mg/L	0.20	02/10/22 17:49	
EPA 6010D	Sodium	1.3	mg/L	1.0	02/10/22 17:49	
EPA 6010D	Calcium	34.4	mg/L	1.0	02/10/22 17:49	
EPA 6010D	Magnesium	19.7	mg/L	0.050	02/10/22 17:49	
EPA 6020B	Barium	0.017	mg/L	0.0050	02/11/22 21:05	
SM 2540C-2015	Total Dissolved Solids	168	mg/L	10.0	02/02/22 17:44	
SM 2320B	Alkalinity, Total as CaCO3	164	mg/L	5.0	02/04/22 15:45	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	164	mg/L	5.0	02/04/22 15:45	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	02/04/22 13:50	
EPA 300.0 Rev 2.1 1993	Sulfate	2.0	mg/L	1.0	02/04/22 13:50	
92585058020	GWA-55R					
	Performed by	CUSTOME			01/28/22 14:47	
		R				
	pH	7.27	Std. Units		01/28/22 14:47	
EPA 6010D	Potassium	1.0	mg/L	0.20	02/10/22 17:54	
EPA 6010D	Sodium	1.2	mg/L	1.0	02/10/22 17:54	
EPA 6010D	Calcium	44.4	mg/L	1.0	02/10/22 17:54	
EPA 6010D	Magnesium	24.8	mg/L	0.050	02/10/22 17:54	
EPA 6020B	Arsenic	0.0019J	mg/L	0.0050	02/11/22 21:11	
EPA 6020B	Barium	0.032	mg/L	0.0050	02/11/22 21:11	
EPA 6020B	Selenium	0.0016J	mg/L	0.0050	02/11/22 21:11	
SM 2540C-2015	Total Dissolved Solids	207	mg/L	10.0	02/02/22 17:44	
SM 2320B	Alkalinity, Total as CaCO3	181	mg/L	5.0	02/04/22 16:15	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	181	mg/L	5.0	02/04/22 16:15	
EPA 300.0 Rev 2.1 1993	Chloride	4.5	mg/L	1.0	02/04/22 14:04	
EPA 300.0 Rev 2.1 1993	Sulfate	20.7	mg/L	1.0	02/04/22 14:04	
92585058021	DUP-2					
EPA 6010D	Potassium	0.72	mg/L	0.20	02/10/22 17:58	
EPA 6010D	Sodium	1.4	mg/L	1.0	02/10/22 17:58	
EPA 6010D	Calcium	30.8	mg/L	1.0	02/10/22 17:58	
EPA 6010D	Magnesium	16.8	mg/L	0.050	02/10/22 17:58	
EPA 6020B	Antimony	0.00090J	mg/L	0.0030	02/14/22 14:55	B
EPA 6020B	Barium	0.015	mg/L	0.0050	02/14/22 14:55	
EPA 6020B	Beryllium	0.000056J	mg/L	0.00050	02/14/22 14:55	
SM 2540C-2015	Total Dissolved Solids	147	mg/L	10.0	02/02/22 17:45	
SM 2320B	Alkalinity, Total as CaCO3	141	mg/L	5.0	02/04/22 16:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	141	mg/L	5.0	02/04/22 16:20	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	02/04/22 14:18	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92585058021	DUP-2					
EPA 300.0 Rev 2.1 1993	Sulfate	2.1	mg/L	1.0	02/04/22 14:18	
92585058023	GWC-16R					
	Performed by	CUSTOMER			02/01/22 17:21	
	pH	7.31	Std. Units		02/01/22 17:21	
EPA 6010D	Zinc	0.026	mg/L	0.020	02/10/22 18:17	
EPA 6010D	Potassium	5.7	mg/L	0.20	02/10/22 18:17	
EPA 6010D	Sodium	28.5	mg/L	1.0	02/10/22 18:17	
EPA 6010D	Calcium	68.5	mg/L	1.0	02/10/22 18:17	
EPA 6010D	Magnesium	23.9	mg/L	0.050	02/10/22 18:17	
EPA 6020B	Antimony	0.027	mg/L	0.0030	02/14/22 15:21	
EPA 6020B	Barium	0.049	mg/L	0.0050	02/14/22 15:21	
EPA 6020B	Boron	0.021J	mg/L	0.040	02/14/22 15:21	
EPA 6020B	Chromium	0.0011J	mg/L	0.0050	02/14/22 15:21	
EPA 6020B	Copper	0.00088J	mg/L	0.0050	02/14/22 15:21	
EPA 6020B	Nickel	0.0063	mg/L	0.0050	02/14/22 15:21	
SM 2540C-2015	Total Dissolved Solids	317	mg/L	10.0	02/03/22 12:41	
SM 2320B	Alkalinity, Total as CaCO3	315	mg/L	5.0	02/08/22 21:45	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	315	mg/L	5.0	02/08/22 21:45	
EPA 300.0 Rev 2.1 1993	Chloride	1.6	mg/L	1.0	02/06/22 04:03	
EPA 300.0 Rev 2.1 1993	Fluoride	0.17	mg/L	0.10	02/06/22 04:03	
EPA 300.0 Rev 2.1 1993	Sulfate	11.9	mg/L	1.0	02/06/22 04:03	
92585058024	GWC-17R					
	Performed by	CUSTOMER			02/01/22 17:21	
	pH	7.34	Std. Units		02/01/22 17:21	
EPA 6010D	Potassium	0.73	mg/L	0.20	02/10/22 18:22	
EPA 6010D	Sodium	2.5	mg/L	1.0	02/10/22 18:22	
EPA 6010D	Calcium	64.7	mg/L	1.0	02/10/22 18:22	
EPA 6010D	Magnesium	35.4	mg/L	0.050	02/10/22 18:22	
EPA 6020B	Barium	0.018	mg/L	0.0050	02/14/22 15:45	
SM 2540C-2015	Total Dissolved Solids	302	mg/L	10.0	02/03/22 12:41	
SM 2320B	Alkalinity, Total as CaCO3	300	mg/L	5.0	02/08/22 21:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	300	mg/L	5.0	02/08/22 21:53	
EPA 300.0 Rev 2.1 1993	Chloride	4.6	mg/L	1.0	02/06/22 04:17	
EPA 300.0 Rev 2.1 1993	Sulfate	7.6	mg/L	1.0	02/06/22 04:17	
92585058025	GWC-18					
	Performed by	CUSTOMER			02/01/22 17:21	
	pH	6.60	Std. Units		02/01/22 17:21	
EPA 6010D	Potassium	1.1	mg/L	0.20	02/10/22 18:27	
EPA 6010D	Sodium	1.5	mg/L	1.0	02/10/22 18:27	
EPA 6010D	Calcium	19.1	mg/L	1.0	02/10/22 18:27	
EPA 6010D	Magnesium	10.7	mg/L	0.050	02/10/22 18:27	
EPA 6020B	Barium	0.044	mg/L	0.0050	02/14/22 15:51	
EPA 6020B	Chromium	0.0014J	mg/L	0.0050	02/14/22 15:51	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92585058025	GWC-18					
SM 2540C-2015	Total Dissolved Solids	99.0	mg/L	10.0	02/03/22 12:41	
SM 2320B	Alkalinity, Total as CaCO3	84.7	mg/L	5.0	02/08/22 22:00	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	84.7	mg/L	5.0	02/08/22 22:00	
EPA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	02/06/22 04:31	
EPA 300.0 Rev 2.1 1993	Sulfate	1.6	mg/L	1.0	02/06/22 04:31	
92585058026	GWC-21R					
	Performed by	CUSTOMER			02/01/22 17:21	
	pH	6.69	Std. Units		02/01/22 17:21	
EPA 6010D	Potassium	1.5	mg/L	0.20	02/10/22 18:32	
EPA 6010D	Sodium	15.1	mg/L	1.0	02/10/22 18:32	
EPA 6010D	Calcium	60.0	mg/L	1.0	02/10/22 18:32	
EPA 6010D	Magnesium	29.9	mg/L	0.050	02/10/22 18:32	
EPA 6020B	Antimony	0.0061	mg/L	0.0030	02/14/22 18:21	B
EPA 6020B	Arsenic	0.0031J	mg/L	0.0050	02/14/22 18:21	
EPA 6020B	Barium	0.037	mg/L	0.0050	02/14/22 18:21	
EPA 6020B	Boron	0.011J	mg/L	0.040	02/14/22 18:21	
EPA 6020B	Nickel	0.0014J	mg/L	0.0050	02/14/22 18:21	
EPA 6020B	Thallium	0.00021J	mg/L	0.0010	02/14/22 18:21	
SM 2540C-2015	Total Dissolved Solids	290	mg/L	10.0	02/03/22 12:41	
SM 2320B	Alkalinity, Total as CaCO3	288	mg/L	5.0	02/08/22 22:05	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	288	mg/L	5.0	02/08/22 22:05	
EPA 300.0 Rev 2.1 1993	Chloride	4.6	mg/L	1.0	02/06/22 04:45	
EPA 300.0 Rev 2.1 1993	Sulfate	13.7	mg/L	1.0	02/06/22 04:45	
92585058027	GWC-23R					
	Performed by	CUSTOMER			02/01/22 17:22	
	pH	7.38	Std. Units		02/01/22 17:22	
EPA 6010D	Zinc	0.0099J	mg/L	0.020	02/10/22 18:36	
EPA 6010D	Potassium	1.4	mg/L	0.20	02/10/22 18:36	
EPA 6010D	Sodium	74.7	mg/L	1.0	02/10/22 18:36	
EPA 6010D	Calcium	64.9	mg/L	1.0	02/10/22 18:36	
EPA 6010D	Magnesium	34.0	mg/L	0.050	02/10/22 18:36	
EPA 6020B	Arsenic	0.0026J	mg/L	0.0050	02/14/22 18:27	
EPA 6020B	Barium	0.036	mg/L	0.0050	02/14/22 18:27	
EPA 6020B	Copper	0.00068J	mg/L	0.0050	02/14/22 18:27	
SM 2540C-2015	Total Dissolved Solids	454	mg/L	20.0	02/03/22 12:41	
SM 2320B	Alkalinity, Total as CaCO3	345	mg/L	5.0	02/08/22 22:12	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	345	mg/L	5.0	02/08/22 22:12	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	02/06/22 04:59	
EPA 300.0 Rev 2.1 1993	Sulfate	98.4	mg/L	2.0	02/06/22 07:35	
92585058028	GWC-24R					
	Performed by	CUSTOMER			02/01/22 17:22	
	pH	7.68	Std. Units		02/01/22 17:22	
EPA 6010D	Potassium	0.87	mg/L	0.20	02/10/22 18:41	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92585058028	GWC-24R					
EPA 6010D	Sodium	1.5	mg/L	1.0	02/10/22 18:41	
EPA 6010D	Calcium	34.4	mg/L	1.0	02/10/22 18:41	
EPA 6010D	Magnesium	18.9	mg/L	0.050	02/10/22 18:41	
EPA 6020B	Arsenic	0.0021J	mg/L	0.0050	02/14/22 18:33	
EPA 6020B	Barium	0.025	mg/L	0.0050	02/14/22 18:33	
SM 2540C-2015	Total Dissolved Solids	159	mg/L	10.0	02/03/22 12:41	
SM 2320B	Alkalinity, Total as CaCO3	148	mg/L	5.0	02/08/22 22:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	148	mg/L	5.0	02/08/22 22:20	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/06/22 05:41	
EPA 300.0 Rev 2.1 1993	Sulfate	2.3	mg/L	1.0	02/06/22 05:41	
92585058029	DUP-3					
EPA 6010D	Potassium	0.83	mg/L	0.20	02/10/22 18:46	
EPA 6010D	Sodium	1.6	mg/L	1.0	02/10/22 18:46	
EPA 6010D	Calcium	33.5	mg/L	1.0	02/10/22 18:46	
EPA 6010D	Magnesium	18.5	mg/L	0.050	02/10/22 18:46	
EPA 6020B	Arsenic	0.0015J	mg/L	0.0050	02/14/22 18:39	
EPA 6020B	Barium	0.023	mg/L	0.0050	02/14/22 18:39	
EPA 6020B	Copper	0.00054J	mg/L	0.0050	02/14/22 18:39	
SM 2540C-2015	Total Dissolved Solids	156	mg/L	10.0	02/03/22 12:42	
SM 2320B	Alkalinity, Total as CaCO3	148	mg/L	5.0	02/08/22 22:25	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	148	mg/L	5.0	02/08/22 22:25	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/06/22 05:55	
EPA 300.0 Rev 2.1 1993	Sulfate	2.3	mg/L	1.0	02/06/22 05:55	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-38 **Lab ID: 92585058001** Collected: 01/25/22 13:54 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		01/28/22 14:43		
pH	5.14	Std. Units			1		01/28/22 14:43		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 20:35	7440-66-6	
Calcium	1.1	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 20:35	7440-70-2	
Potassium	0.46	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 20:35	7440-09-7	BC
Sodium	3.5	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 20:35	7440-23-5	
Magnesium	0.44	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 20:35	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 18:36	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 18:36	7440-38-2	
Barium	0.012	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 18:36	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 18:36	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 18:36	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 18:36	7440-43-9	
Chromium	0.0014J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 18:36	7440-47-3	
Cobalt	0.0011J	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 18:36	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 18:36	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 18:36	7439-92-1	
Nickel	0.00093J	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 18:36	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 18:36	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 18:36	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 18:36	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 18:36	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:19	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	27.0	mg/L	10.0	10.0	1		02/01/22 14:07		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	4.9J	mg/L	5.0	1.8	1		02/03/22 18:02		
Alkalinity,Bicarbonate (CaCO3)	4.9J	mg/L	5.0	1.8	1		02/03/22 18:02		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 18:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: **GWA-38** Lab ID: **92585058001** Collected: 01/25/22 13:54 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	3.2	mg/L	1.0	0.60	1		02/02/22 01:13	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 01:13	16984-48-8	
Sulfate	0.58J	mg/L	1.0	0.50	1		02/02/22 01:13	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-52 **Lab ID: 92585058002** Collected: 01/25/22 16:52 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		01/28/22 14:43		
pH	7.44	Std. Units			1		01/28/22 14:43		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 20:54	7440-66-6	
Calcium	28.6	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 20:54	7440-70-2	
Potassium	1.2	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 20:54	7440-09-7	BC
Sodium	5.1	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 20:54	7440-23-5	
Magnesium	14.6	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 20:54	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 18:42	7440-36-0	
Arsenic	0.0030J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 18:42	7440-38-2	
Barium	0.023	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 18:42	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 18:42	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 18:42	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 18:42	7440-43-9	
Chromium	0.0012J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 18:42	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 18:42	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 18:42	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 18:42	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 18:42	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 18:42	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 18:42	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 18:42	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 18:42	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:22	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	136	mg/L	10.0	10.0	1		02/01/22 14:07		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	132	mg/L	5.0	1.8	1		02/03/22 17:20		
Alkalinity,Bicarbonate (CaCO3)	132	mg/L	5.0	1.8	1		02/03/22 17:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 17:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-52 Lab ID: 92585058002 Collected: 01/25/22 16:52 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.5	mg/L	1.0	0.60	1		02/02/22 01:27	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 01:27	16984-48-8	
Sulfate	8.6	mg/L	1.0	0.50	1		02/02/22 01:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-54 **Lab ID: 92585058003** Collected: 01/25/22 15:28 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:44		
pH	7.38	Std. Units			1		01/28/22 14:44		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:09	7440-66-6	
Calcium	24.3	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:09	7440-70-2	
Potassium	0.87	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:09	7440-09-7	
Sodium	2.5	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:09	7440-23-5	
Magnesium	13.9	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:09	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 19:06	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:06	7440-38-2	
Barium	0.031	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 19:06	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 19:06	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 19:06	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 19:06	7440-43-9	
Chromium	0.0013J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:06	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 19:06	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 19:06	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 19:06	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 19:06	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 19:06	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 19:06	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 19:06	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 19:06	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:24	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	113	mg/L	10.0	10.0	1		02/01/22 14:07		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	116	mg/L	5.0	1.8	1		02/03/22 17:36		
Alkalinity,Bicarbonate (CaCO3)	116	mg/L	5.0	1.8	1		02/03/22 17:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 17:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-54 Lab ID: 92585058003 Collected: 01/25/22 15:28 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.81J	mg/L	1.0	0.60	1		02/02/22 01:41	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 01:41	16984-48-8	
Sulfate	1.4	mg/L	1.0	0.50	1		02/02/22 01:41	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: FB-1 **Lab ID: 92585058004** Collected: 01/25/22 16:18 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:13	7440-66-6	
Calcium	ND	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:13	7440-70-2	
Potassium	ND	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:13	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:13	7440-23-5	
Magnesium	ND	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:13	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 19:12	7440-36-0	
Arsenic	0.0013J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:12	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 19:12	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 19:12	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 19:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 19:12	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:12	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 19:12	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 19:12	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 19:12	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 19:12	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 19:12	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 19:12	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 19:12	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 19:12	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:32	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/01/22 14:08		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/03/22 17:41		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 17:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 17:41		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/02/22 01:55	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 01:55	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/02/22 01:55	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-36RA **Lab ID: 92585058005** Collected: 01/26/22 10:35 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:44		
pH	7.01	Std. Units			1		01/28/22 14:44		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:18	7440-66-6	
Calcium	41.0	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:18	7440-70-2	
Potassium	1.1	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:18	7440-09-7	
Sodium	2.0	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:18	7440-23-5	
Magnesium	21.4	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:18	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 19:18	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:18	7440-38-2	
Barium	0.035	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 19:18	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 19:18	7440-41-7	
Boron	0.012J	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 19:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 19:18	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:18	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 19:18	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 19:18	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 19:18	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 19:18	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 19:18	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 19:18	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 19:18	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 19:18	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:35	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	184	mg/L	10.0	10.0	1		02/02/22 17:22		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	182	mg/L	5.0	1.8	1		02/03/22 22:13		
Alkalinity,Bicarbonate (CaCO3)	182	mg/L	5.0	1.8	1		02/03/22 22:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 22:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-36RA Lab ID: 92585058005 Collected: 01/26/22 10:35 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.4	mg/L	1.0	0.60	1		02/02/22 02:09	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 02:09	16984-48-8	
Sulfate	7.5	mg/L	1.0	0.50	1		02/02/22 02:09	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-37 **Lab ID: 92585058006** Collected: 01/26/22 13:10 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:44		
pH	4.69	Std. Units			1		01/28/22 14:44		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:23	7440-66-6	
Calcium	0.70J	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:23	7440-70-2	
Potassium	0.38	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:23	7440-09-7	
Sodium	3.1	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:23	7440-23-5	
Magnesium	0.29	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:23	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 19:36	7440-36-0	
Arsenic	0.0019J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:36	7440-38-2	
Barium	0.0046J	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 19:36	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 19:36	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 19:36	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 19:36	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:36	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 19:36	7440-48-4	
Copper	0.013	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 19:36	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 19:36	7439-92-1	
Nickel	0.016	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 19:36	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 19:36	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 19:36	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 19:36	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 19:36	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:37	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	26.0	mg/L	10.0	10.0	1		02/02/22 17:22		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	6.8	mg/L	5.0	1.8	1		02/03/22 23:14		
Alkalinity,Bicarbonate (CaCO3)	6.8	mg/L	5.0	1.8	1		02/03/22 23:14		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 23:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: **GWA-37** Lab ID: **92585058006** Collected: 01/26/22 13:10 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.88J	mg/L	1.0	0.60	1		02/02/22 02:23	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 02:23	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/02/22 02:23	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-51RZ **Lab ID: 92585058007** Collected: 01/26/22 12:45 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:44		
pH	7.78	Std. Units			1		01/28/22 14:44		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:28	7440-66-6	
Calcium	50.5	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:28	7440-70-2	
Potassium	1.0	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:28	7440-09-7	
Sodium	3.6	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:28	7440-23-5	
Magnesium	23.5	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:28	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 19:42	7440-36-0	
Arsenic	0.0047J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:42	7440-38-2	
Barium	0.034	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 19:42	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 19:42	7440-41-7	
Boron	0.0088J	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 19:42	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 19:42	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:42	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 19:42	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 19:42	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 19:42	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 19:42	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 19:42	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 19:42	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 19:42	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 19:42	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:40	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	190	mg/L	10.0	10.0	1		02/02/22 17:22		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	184	mg/L	5.0	1.8	1		02/03/22 22:21		
Alkalinity,Bicarbonate (CaCO3)	184	mg/L	5.0	1.8	1		02/03/22 22:21		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 22:21		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-51RZ **Lab ID: 92585058007** Collected: 01/26/22 12:45 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.9	mg/L	1.0	0.60	1		02/02/22 02:37	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 02:37	16984-48-8	
Sulfate	22.2	mg/L	1.0	0.50	1		02/02/22 02:37	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: GWA-53	Lab ID: 92585058008	Collected: 01/26/22 11:45	Received: 01/28/22 09:30	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		01/28/22 14:45		
pH	7.72	Std. Units			1		01/28/22 14:45		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:33	7440-66-6	
Calcium	29.6	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:33	7440-70-2	
Potassium	0.68	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:33	7440-09-7	
Sodium	1.7	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:33	7440-23-5	
Magnesium	16.3	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:33	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 19:48	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:48	7440-38-2	
Barium	0.013	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 19:48	7440-39-3	
Beryllium	0.000070J	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 19:48	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 19:48	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 19:48	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:48	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 19:48	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 19:48	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 19:48	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 19:48	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 19:48	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 19:48	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 19:48	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 19:48	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:43	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	131	mg/L	10.0	10.0	1		02/02/22 17:22		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	132	mg/L	5.0	1.8	1		02/03/22 22:26		
Alkalinity,Bicarbonate (CaCO3)	132	mg/L	5.0	1.8	1		02/03/22 22:26		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 22:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-53 Lab ID: 92585058008 Collected: 01/26/22 11:45 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.2	mg/L	1.0	0.60	1		02/02/22 03:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 03:18	16984-48-8	
Sulfate	1.4	mg/L	1.0	0.50	1		02/02/22 03:18	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-53R **Lab ID: 92585058009** Collected: 01/26/22 14:20 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:45		
pH	7.78	Std. Units			1		01/28/22 14:45		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:37	7440-66-6	
Calcium	30.4	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:37	7440-70-2	
Potassium	0.67	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:37	7440-09-7	
Sodium	1.5	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:37	7440-23-5	
Magnesium	16.5	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:37	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 19:53	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:53	7440-38-2	
Barium	0.014	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 19:53	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 19:53	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 19:53	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 19:53	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:53	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 19:53	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 19:53	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 19:53	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 19:53	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 19:53	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 19:53	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 19:53	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 19:53	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 10:20	02/08/22 15:45	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	144	mg/L	10.0	10.0	1		02/02/22 17:23		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	139	mg/L	5.0	1.8	1		02/03/22 22:39		
Alkalinity,Bicarbonate (CaCO3)	139	mg/L	5.0	1.8	1		02/03/22 22:39		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 22:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-53R **Lab ID: 92585058009** Collected: 01/26/22 14:20 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.4	mg/L	1.0	0.60	1		02/02/22 04:00	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 04:00	16984-48-8	
Sulfate	1.6	mg/L	1.0	0.50	1		02/02/22 04:00	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: GWA-55	Lab ID: 92585058010	Collected: 01/26/22 15:30	Received: 01/28/22 09:30	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		01/28/22 14:45		
pH	7.21	Std. Units			1		01/28/22 14:45		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:42	7440-66-6	
Calcium	53.2	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:42	7440-70-2	
Potassium	1.4	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:42	7440-09-7	
Sodium	0.97J	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:42	7440-23-5	
Magnesium	27.9	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:42	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 19:59	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:59	7440-38-2	
Barium	0.026	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 19:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 19:59	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 19:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 19:59	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 19:59	7440-47-3	
Cobalt	0.0035J	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 19:59	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 19:59	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 19:59	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 19:59	7440-02-0	
Selenium	0.0025J	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 19:59	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 19:59	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 19:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 19:59	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 08:45	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	244	mg/L	10.0	10.0	1		02/02/22 17:23		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	190	mg/L	5.0	1.8	1		02/03/22 22:44		
Alkalinity,Bicarbonate (CaCO3)	190	mg/L	5.0	1.8	1		02/03/22 22:44		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 22:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-55 **Lab ID: 92585058010** Collected: 01/26/22 15:30 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	5.8	mg/L	1.0	0.60	1		02/02/22 04:42	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 04:42	16984-48-8	
Sulfate	32.5	mg/L	1.0	0.50	1		02/02/22 04:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-56 **Lab ID: 92585058011** Collected: 01/26/22 16:01 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:45		
pH	7.45	Std. Units			1		01/28/22 14:45		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:47	7440-66-6	
Calcium	37.6	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:47	7440-70-2	
Potassium	3.6	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:47	7440-09-7	
Sodium	39.4	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:47	7440-23-5	
Magnesium	22.4	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:47	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 20:05	7440-36-0	
Arsenic	0.0015J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:05	7440-38-2	
Barium	0.032	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 20:05	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 20:05	7440-41-7	
Boron	0.014J	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 20:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 20:05	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:05	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 20:05	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 20:05	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 20:05	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 20:05	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 20:05	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 20:05	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 20:05	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 20:05	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 08:56	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	278	mg/L	10.0	10.0	1		02/02/22 17:23		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	216	mg/L	5.0	1.8	1		02/03/22 22:50		
Alkalinity,Bicarbonate (CaCO3)	216	mg/L	5.0	1.8	1		02/03/22 22:50		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 22:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-56 **Lab ID: 92585058011** Collected: 01/26/22 16:01 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	5.2	mg/L	1.0	0.60	1		02/02/22 04:56	16887-00-6	
Fluoride	0.076J	mg/L	0.10	0.050	1		02/02/22 04:56	16984-48-8	
Sulfate	47.1	mg/L	1.0	0.50	1		02/02/22 04:56	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: DUP-1 **Lab ID:** 92585058012 Collected: 01/26/22 00:00 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/05/22 08:33	02/07/22 21:52	7440-66-6	
Calcium	53.7	mg/L	1.0	0.12	1	02/05/22 08:33	02/07/22 21:52	7440-70-2	
Potassium	1.5	mg/L	0.20	0.15	1	02/05/22 08:33	02/07/22 21:52	7440-09-7	
Sodium	1.0	mg/L	1.0	0.58	1	02/05/22 08:33	02/07/22 21:52	7440-23-5	
Magnesium	28.3	mg/L	0.050	0.012	1	02/05/22 08:33	02/07/22 21:52	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 20:11	7440-36-0	
Arsenic	0.0020J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:11	7440-38-2	
Barium	0.029	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 20:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 20:11	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 20:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 20:11	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:11	7440-47-3	
Cobalt	0.0039J	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 20:11	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 20:11	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 20:11	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 20:11	7440-02-0	
Selenium	0.0025J	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 20:11	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 20:11	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 20:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 20:11	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 08:58	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	226	mg/L	10.0	10.0	1		02/02/22 17:23		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	193	mg/L	5.0	1.8	1		02/03/22 22:57		
Alkalinity,Bicarbonate (CaCO3)	193	mg/L	5.0	1.8	1		02/03/22 22:57		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 22:57		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	5.8	mg/L	1.0	0.60	1		02/02/22 05:10	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 05:10	16984-48-8	
Sulfate	32.7	mg/L	1.0	0.50	1		02/02/22 05:10	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: FB-2		Lab ID: 92585058013		Collected: 01/26/22 16:15	Received: 01/28/22 09:30	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual	
			Limit	MDL	DF					
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 16:39	7440-66-6		
Potassium	ND	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 16:39	7440-09-7		
Sodium	ND	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 16:39	7440-23-5		
Calcium	ND	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 16:39	7440-70-2		
Magnesium	ND	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 16:39	7439-95-4		
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 20:17	7440-36-0		
Arsenic	0.0013J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:17	7440-38-2		
Barium	ND	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 20:17	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 20:17	7440-41-7		
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 20:17	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 20:17	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:17	7440-47-3		
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 20:17	7440-48-4		
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 20:17	7440-50-8		
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 20:17	7439-92-1		
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 20:17	7440-02-0		
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 20:17	7782-49-2		
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 20:17	7440-22-4		
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 20:17	7440-28-0		
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 20:17	7440-62-2		
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:01	7439-97-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/02/22 17:23			
2320B Alkalinity		Analytical Method: SM 2320B Pace Analytical Services - Minneapolis								
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/03/22 23:03			
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 23:03			
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 23:03			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/02/22 05:24	16887-00-6		
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 05:24	16984-48-8		
Sulfate	ND	mg/L	1.0	0.50	1		02/02/22 05:24	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: EB-1 **Lab ID: 92585058014** Collected: 01/26/22 16:10 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 16:44	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 16:44	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 16:44	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 16:44	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 16:44	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 20:23	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:23	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 20:23	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 20:23	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 20:23	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 20:23	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:23	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 20:23	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 20:23	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 20:23	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 20:23	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 20:23	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 20:23	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 20:23	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 20:23	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:09	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/02/22 17:42		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/03/22 23:07		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 23:07		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/03/22 23:07		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/02/22 06:06	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 06:06	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/02/22 06:06	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-18R **Lab ID: 92585058015** Collected: 01/27/22 13:06 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:46		
pH	7.76	Std. Units			1		01/28/22 14:46		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 17:15	7440-66-6	
Potassium	0.63	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 17:15	7440-09-7	
Sodium	1.4	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 17:15	7440-23-5	
Calcium	29.3	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 17:15	7440-70-2	M1
Magnesium	16.4	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 17:15	7439-95-4	M1

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 20:29	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:29	7440-38-2	
Barium	0.014	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 20:29	7440-39-3	
Beryllium	0.000055J	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 20:29	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 20:29	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 20:29	7440-43-9	
Chromium	0.0015J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:29	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 20:29	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 20:29	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 20:29	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 20:29	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 20:29	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 20:29	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 20:29	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 20:29	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:12	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	146	mg/L	10.0	10.0	1		02/02/22 17:43		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	141	mg/L	5.0	1.8	1		02/04/22 15:23		
Alkalinity,Bicarbonate (CaCO3)	141	mg/L	5.0	1.8	1		02/04/22 15:23		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 15:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-18R Lab ID: 92585058015 Collected: 01/27/22 13:06 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.3	mg/L	1.0	0.60	1		02/02/22 06:20	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 06:20	16984-48-8	
Sulfate	2.1	mg/L	1.0	0.50	1		02/02/22 06:20	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: GWC-19R	Lab ID: 92585058016	Collected: 01/27/22 14:20	Received: 01/28/22 09:30	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		01/28/22 14:46		
pH	7.74	Std. Units			1		01/28/22 14:46		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 17:35	7440-66-6	
Potassium	0.76	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 17:35	7440-09-7	
Sodium	1.3	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 17:35	7440-23-5	
Calcium	33.2	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 17:35	7440-70-2	
Magnesium	18.3	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 17:35	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 20:47	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:47	7440-38-2	
Barium	0.016	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 20:47	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 20:47	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 20:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 20:47	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:47	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 20:47	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 20:47	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 20:47	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 20:47	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 20:47	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 20:47	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 20:47	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 20:47	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:14	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	149	mg/L	10.0	10.0	1		02/02/22 17:43		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	149	mg/L	5.0	1.8	1		02/04/22 15:29		
Alkalinity,Bicarbonate (CaCO3)	149	mg/L	5.0	1.8	1		02/04/22 15:29		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 15:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-19R **Lab ID: 92585058016** Collected: 01/27/22 14:20 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.5	mg/L	1.0	0.60	1		02/02/22 06:34	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 06:34	16984-48-8	
Sulfate	3.9	mg/L	1.0	0.50	1		02/02/22 06:34	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-20R **Lab ID: 92585058017** Collected: 01/27/22 15:52 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:46		
pH	7.73	Std. Units			1		01/28/22 14:46		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 17:39	7440-66-6	
Potassium	0.72	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 17:39	7440-09-7	
Sodium	2.1	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 17:39	7440-23-5	
Calcium	36.2	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 17:39	7440-70-2	
Magnesium	20.0	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 17:39	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 20:53	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:53	7440-38-2	
Barium	0.028	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 20:53	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 20:53	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 20:53	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 20:53	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:53	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 20:53	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 20:53	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 20:53	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 20:53	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 20:53	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 20:53	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 20:53	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 20:53	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:17	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	176	mg/L	10.0	10.0	1		02/02/22 17:43		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	171	mg/L	5.0	1.8	1		02/04/22 15:34		
Alkalinity,Bicarbonate (CaCO3)	171	mg/L	5.0	1.8	1		02/04/22 15:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 15:34		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-20R **Lab ID: 92585058017** Collected: 01/27/22 15:52 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.9	mg/L	1.0	0.60	1		02/02/22 06:47	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 06:47	16984-48-8	
Sulfate	1.7	mg/L	1.0	0.50	1		02/02/22 06:47	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-22R **Lab ID: 92585058018** Collected: 01/27/22 16:00 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:46		
pH	7.28	Std. Units			1		01/28/22 14:46		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 17:44	7440-66-6	
Potassium	1.5	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 17:44	7440-09-7	
Sodium	1.8	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 17:44	7440-23-5	
Calcium	36.9	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 17:44	7440-70-2	
Magnesium	20.0	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 17:44	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 20:59	7440-36-0	
Arsenic	0.0045J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:59	7440-38-2	
Barium	0.060	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 20:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 20:59	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 20:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 20:59	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 20:59	7440-47-3	
Cobalt	0.0011J	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 20:59	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 20:59	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 20:59	7439-92-1	
Nickel	0.00076J	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 20:59	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 20:59	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 20:59	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 20:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 20:59	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:19	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	167	mg/L	10.0	10.0	1		02/02/22 17:44		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	176	mg/L	5.0	1.8	1		02/04/22 15:40		
Alkalinity,Bicarbonate (CaCO3)	176	mg/L	5.0	1.8	1		02/04/22 15:40		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 15:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-22R **Lab ID: 92585058018** Collected: 01/27/22 16:00 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.5	mg/L	1.0	0.60	1		02/02/22 07:01	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/02/22 07:01	16984-48-8	
Sulfate	1.3	mg/L	1.0	0.50	1		02/02/22 07:01	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-25R **Lab ID: 92585058019** Collected: 01/27/22 13:53 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:46		
pH	7.46	Std. Units			1		01/28/22 14:46		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 17:49	7440-66-6	
Potassium	0.66	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 17:49	7440-09-7	
Sodium	1.3	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 17:49	7440-23-5	
Calcium	34.4	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 17:49	7440-70-2	
Magnesium	19.7	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 17:49	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 21:05	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 21:05	7440-38-2	
Barium	0.017	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 21:05	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 21:05	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 21:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 21:05	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 21:05	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 21:05	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 21:05	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 21:05	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 21:05	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 21:05	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 21:05	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 21:05	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 21:05	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:22	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	168	mg/L	10.0	10.0	1		02/02/22 17:44		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	164	mg/L	5.0	1.8	1		02/04/22 15:45		
Alkalinity,Bicarbonate (CaCO3)	164	mg/L	5.0	1.8	1		02/04/22 15:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 15:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-25R Lab ID: 92585058019 Collected: 01/27/22 13:53 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.4	mg/L	1.0	0.60	1		02/04/22 13:50	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/04/22 13:50	16984-48-8	
Sulfate	2.0	mg/L	1.0	0.50	1		02/04/22 13:50	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-55R **Lab ID: 92585058020** Collected: 01/27/22 12:30 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		01/28/22 14:47		
pH	7.27	Std. Units			1		01/28/22 14:47		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 17:54	7440-66-6	
Potassium	1.0	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 17:54	7440-09-7	
Sodium	1.2	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 17:54	7440-23-5	
Calcium	44.4	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 17:54	7440-70-2	
Magnesium	24.8	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 17:54	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/10/22 08:25	02/11/22 21:11	7440-36-0	
Arsenic	0.0019J	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 21:11	7440-38-2	
Barium	0.032	mg/L	0.0050	0.00067	1	02/10/22 08:25	02/11/22 21:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/10/22 08:25	02/11/22 21:11	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/10/22 08:25	02/11/22 21:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/10/22 08:25	02/11/22 21:11	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/10/22 08:25	02/11/22 21:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/10/22 08:25	02/11/22 21:11	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/10/22 08:25	02/11/22 21:11	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/10/22 08:25	02/11/22 21:11	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/10/22 08:25	02/11/22 21:11	7440-02-0	
Selenium	0.0016J	mg/L	0.0050	0.0014	1	02/10/22 08:25	02/11/22 21:11	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/10/22 08:25	02/11/22 21:11	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/10/22 08:25	02/11/22 21:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/10/22 08:25	02/11/22 21:11	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:25	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	207	mg/L	10.0	10.0	1		02/02/22 17:44		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	181	mg/L	5.0	1.8	1		02/04/22 16:15		
Alkalinity,Bicarbonate (CaCO3)	181	mg/L	5.0	1.8	1		02/04/22 16:15		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 16:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWA-55R **Lab ID: 92585058020** Collected: 01/27/22 12:30 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	4.5	mg/L	1.0	0.60	1		02/04/22 14:04	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/04/22 14:04	16984-48-8	
Sulfate	20.7	mg/L	1.0	0.50	1		02/04/22 14:04	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: DUP-2		Lab ID: 92585058021		Collected: 01/27/22 00:00		Received: 01/28/22 09:30		Matrix: Water	
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 17:58	7440-66-6	
Potassium	0.72	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 17:58	7440-09-7	
Sodium	1.4	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 17:58	7440-23-5	
Calcium	30.8	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 17:58	7440-70-2	
Magnesium	16.8	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 17:58	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	0.00090J	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 14:55	7440-36-0	B
Arsenic	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 14:55	7440-38-2	
Barium	0.015	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 14:55	7440-39-3	
Beryllium	0.000056J	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 14:55	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 14:55	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 14:55	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 14:55	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 14:55	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 14:55	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 14:55	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 14:55	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 14:55	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 14:55	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 14:55	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 14:55	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:27	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	147	mg/L	10.0	10.0	1		02/02/22 17:45		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	141	mg/L	5.0	1.8	1		02/04/22 16:20		
Alkalinity,Bicarbonate (CaCO3)	141	mg/L	5.0	1.8	1		02/04/22 16:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 16:20		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.3	mg/L	1.0	0.60	1		02/04/22 14:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/04/22 14:18	16984-48-8	
Sulfate	2.1	mg/L	1.0	0.50	1		02/04/22 14:18	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: FB-3 **Lab ID: 92585058022** Collected: 01/27/22 16:30 Received: 01/28/22 09:30 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:13	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:13	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:13	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:13	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:13	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 15:01	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 15:01	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 15:01	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 15:01	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 15:01	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 15:01	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 15:01	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 15:01	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 15:01	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 15:01	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 15:01	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 15:01	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 15:01	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 15:01	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 15:01	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:30	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/02/22 17:45		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/04/22 16:24		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 16:24		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/04/22 16:24		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/04/22 15:00	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/04/22 15:00	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/04/22 15:00	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-16R **Lab ID: 92585058023** Collected: 01/28/22 09:38 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/01/22 17:21		
pH	7.31	Std. Units			1		02/01/22 17:21		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	0.026	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:17	7440-66-6	
Potassium	5.7	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:17	7440-09-7	
Sodium	28.5	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:17	7440-23-5	
Calcium	68.5	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:17	7440-70-2	
Magnesium	23.9	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:17	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	0.027	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 15:21	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 15:21	7440-38-2	
Barium	0.049	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 15:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 15:21	7440-41-7	
Boron	0.021J	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 15:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 15:21	7440-43-9	
Chromium	0.0011J	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 15:21	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 15:21	7440-48-4	
Copper	0.00088J	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 15:21	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 15:21	7439-92-1	
Nickel	0.0063	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 15:21	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 15:21	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 15:21	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 15:21	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 15:21	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:38	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	317	mg/L	10.0	10.0	1		02/03/22 12:41		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	315	mg/L	5.0	1.8	1		02/08/22 21:45		
Alkalinity,Bicarbonate (CaCO3)	315	mg/L	5.0	1.8	1		02/08/22 21:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 21:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-16R Lab ID: 92585058023 Collected: 01/28/22 09:38 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.6	mg/L	1.0	0.60	1		02/06/22 04:03	16887-00-6	
Fluoride	0.17	mg/L	0.10	0.050	1		02/06/22 04:03	16984-48-8	
Sulfate	11.9	mg/L	1.0	0.50	1		02/06/22 04:03	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-17R **Lab ID: 92585058024** Collected: 01/28/22 10:20 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/01/22 17:21		
pH	7.34	Std. Units			1		02/01/22 17:21		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:22	7440-66-6	
Potassium	0.73	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:22	7440-09-7	
Sodium	2.5	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:22	7440-23-5	
Calcium	64.7	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:22	7440-70-2	
Magnesium	35.4	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:22	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 15:45	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 15:45	7440-38-2	
Barium	0.018	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 15:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 15:45	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 15:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 15:45	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 15:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 15:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 15:45	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 15:45	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 15:45	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 15:45	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 15:45	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 15:45	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 15:45	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:40	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	302	mg/L	10.0	10.0	1		02/03/22 12:41		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	300	mg/L	5.0	1.8	1		02/08/22 21:53		
Alkalinity,Bicarbonate (CaCO3)	300	mg/L	5.0	1.8	1		02/08/22 21:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 21:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-17R **Lab ID: 92585058024** Collected: 01/28/22 10:20 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	4.6	mg/L	1.0	0.60	1		02/06/22 04:17	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/06/22 04:17	16984-48-8	
Sulfate	7.6	mg/L	1.0	0.50	1		02/06/22 04:17	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-18 **Lab ID: 92585058025** Collected: 01/28/22 12:04 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/01/22 17:21		
pH	6.60	Std. Units			1		02/01/22 17:21		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:27	7440-66-6	
Potassium	1.1	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:27	7440-09-7	
Sodium	1.5	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:27	7440-23-5	
Calcium	19.1	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:27	7440-70-2	
Magnesium	10.7	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:27	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 15:51	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 15:51	7440-38-2	
Barium	0.044	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 15:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 15:51	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 15:51	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 15:51	7440-43-9	
Chromium	0.0014J	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 15:51	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 15:51	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 15:51	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 15:51	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 15:51	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 15:51	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 15:51	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 15:51	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 15:51	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:43	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	99.0	mg/L	10.0	10.0	1		02/03/22 12:41		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	84.7	mg/L	5.0	1.8	1		02/08/22 22:00		
Alkalinity,Bicarbonate (CaCO3)	84.7	mg/L	5.0	1.8	1		02/08/22 22:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: **GWC-18** Lab ID: **92585058025** Collected: 01/28/22 12:04 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.1	mg/L	1.0	0.60	1		02/06/22 04:31	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/06/22 04:31	16984-48-8	
Sulfate	1.6	mg/L	1.0	0.50	1		02/06/22 04:31	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: GWC-21R **Lab ID: 92585058026** Collected: 01/28/22 12:17 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/01/22 17:21		
pH	6.69	Std. Units			1		02/01/22 17:21		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:32	7440-66-6	
Potassium	1.5	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:32	7440-09-7	
Sodium	15.1	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:32	7440-23-5	
Calcium	60.0	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:32	7440-70-2	
Magnesium	29.9	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:32	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	0.0061	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 18:21	7440-36-0	B
Arsenic	0.0031J	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:21	7440-38-2	
Barium	0.037	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 18:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 18:21	7440-41-7	
Boron	0.011J	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 18:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 18:21	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:21	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 18:21	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 18:21	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 18:21	7439-92-1	
Nickel	0.0014J	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 18:21	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 18:21	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 18:21	7440-22-4	
Thallium	0.00021J	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 18:21	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 18:21	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:46	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	290	mg/L	10.0	10.0	1		02/03/22 12:41		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	288	mg/L	5.0	1.8	1		02/08/22 22:05		
Alkalinity,Bicarbonate (CaCO3)	288	mg/L	5.0	1.8	1		02/08/22 22:05		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:05		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-21R Lab ID: 92585058026 Collected: 01/28/22 12:17 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	4.6	mg/L	1.0	0.60	1		02/06/22 04:45	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/06/22 04:45	16984-48-8	
Sulfate	13.7	mg/L	1.0	0.50	1		02/06/22 04:45	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-23R **Lab ID: 92585058027** Collected: 01/28/22 11:07 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/01/22 17:22		
pH	7.38	Std. Units			1		02/01/22 17:22		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	0.0099J	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:36	7440-66-6	
Potassium	1.4	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:36	7440-09-7	
Sodium	74.7	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:36	7440-23-5	
Calcium	64.9	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:36	7440-70-2	
Magnesium	34.0	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:36	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 18:27	7440-36-0	
Arsenic	0.0026J	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:27	7440-38-2	
Barium	0.036	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 18:27	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 18:27	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 18:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 18:27	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:27	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 18:27	7440-48-4	
Copper	0.00068J	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 18:27	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 18:27	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 18:27	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 18:27	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 18:27	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 18:27	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 18:27	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:48	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	454	mg/L	20.0	20.0	1		02/03/22 12:41		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	345	mg/L	5.0	1.8	1		02/08/22 22:12		
Alkalinity,Bicarbonate (CaCO3)	345	mg/L	5.0	1.8	1		02/08/22 22:12		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:12		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-23R **Lab ID: 92585058027** Collected: 01/28/22 11:07 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.7	mg/L	1.0	0.60	1		02/06/22 04:59	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/06/22 04:59	16984-48-8	
Sulfate	98.4	mg/L	2.0	1.0	2		02/06/22 07:35	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: GWC-24R **Lab ID: 92585058028** Collected: 01/28/22 10:35 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/01/22 17:22		
pH	7.68	Std. Units			1		02/01/22 17:22		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:41	7440-66-6	
Potassium	0.87	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:41	7440-09-7	
Sodium	1.5	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:41	7440-23-5	
Calcium	34.4	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:41	7440-70-2	
Magnesium	18.9	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:41	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 18:33	7440-36-0	
Arsenic	0.0021J	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:33	7440-38-2	
Barium	0.025	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 18:33	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 18:33	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 18:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 18:33	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:33	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 18:33	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 18:33	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 18:33	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 18:33	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 18:33	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 18:33	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 18:33	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 18:33	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:51	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	159	mg/L	10.0	10.0	1		02/03/22 12:41		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	148	mg/L	5.0	1.8	1		02/08/22 22:20		
Alkalinity,Bicarbonate (CaCO3)	148	mg/L	5.0	1.8	1		02/08/22 22:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Sample: GWC-24R **Lab ID: 92585058028** Collected: 01/28/22 10:35 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.2	mg/L	1.0	0.60	1		02/06/22 05:41	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/06/22 05:41	16984-48-8	
Sulfate	2.3	mg/L	1.0	0.50	1		02/06/22 05:41	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: DUP-3		Lab ID: 92585058029		Collected: 01/28/22 00:00	Received: 02/01/22 11:22	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual	
			Limit	MDL	DF					
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:46	7440-66-6		
Potassium	0.83	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:46	7440-09-7		
Sodium	1.6	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:46	7440-23-5		
Calcium	33.5	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:46	7440-70-2		
Magnesium	18.5	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:46	7439-95-4		
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 18:39	7440-36-0		
Arsenic	0.0015J	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:39	7440-38-2		
Barium	0.023	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 18:39	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 18:39	7440-41-7		
Boron	ND	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 18:39	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 18:39	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:39	7440-47-3		
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 18:39	7440-48-4		
Copper	0.00054J	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 18:39	7440-50-8		
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 18:39	7439-92-1		
Nickel	ND	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 18:39	7440-02-0		
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 18:39	7782-49-2		
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 18:39	7440-22-4		
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 18:39	7440-28-0		
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 18:39	7440-62-2		
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	ND	mg/L	0.00020	0.00013	1	02/08/22 15:00	02/09/22 09:53	7439-97-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	156	mg/L	10.0	10.0	1		02/03/22 12:42			
2320B Alkalinity		Analytical Method: SM 2320B Pace Analytical Services - Minneapolis								
Alkalinity, Total as CaCO3	148	mg/L	5.0	1.8	1		02/08/22 22:25			
Alkalinity,Bicarbonate (CaCO3)	148	mg/L	5.0	1.8	1		02/08/22 22:25			
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:25			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	2.2	mg/L	1.0	0.60	1		02/06/22 05:55	16887-00-6		
Fluoride	ND	mg/L	0.10	0.050	1		02/06/22 05:55	16984-48-8		
Sulfate	2.3	mg/L	1.0	0.50	1		02/06/22 05:55	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Sample: FB-4		Lab ID: 92585058030		Collected: 01/28/22 11:55	Received: 02/01/22 11:22	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual	
			Limit	MDL	DF					
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Zinc	ND	mg/L	0.020	0.0085	1	02/10/22 08:25	02/10/22 18:56	7440-66-6		
Potassium	ND	mg/L	0.20	0.15	1	02/10/22 08:25	02/10/22 18:56	7440-09-7		
Sodium	ND	mg/L	1.0	0.58	1	02/10/22 08:25	02/10/22 18:56	7440-23-5		
Calcium	ND	mg/L	1.0	0.12	1	02/10/22 08:25	02/10/22 18:56	7440-70-2		
Magnesium	ND	mg/L	0.050	0.012	1	02/10/22 08:25	02/10/22 18:56	7439-95-4		
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	02/11/22 10:29	02/14/22 18:45	7440-36-0		
Arsenic	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:45	7440-38-2		
Barium	ND	mg/L	0.0050	0.00067	1	02/11/22 10:29	02/14/22 18:45	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	02/11/22 10:29	02/14/22 18:45	7440-41-7		
Boron	ND	mg/L	0.040	0.0086	1	02/11/22 10:29	02/14/22 18:45	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	02/11/22 10:29	02/14/22 18:45	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	02/11/22 10:29	02/14/22 18:45	7440-47-3		
Cobalt	ND	mg/L	0.0050	0.00039	1	02/11/22 10:29	02/14/22 18:45	7440-48-4		
Copper	ND	mg/L	0.0050	0.00050	1	02/11/22 10:29	02/14/22 18:45	7440-50-8		
Lead	ND	mg/L	0.0010	0.00089	1	02/11/22 10:29	02/14/22 18:45	7439-92-1		
Nickel	ND	mg/L	0.0050	0.00071	1	02/11/22 10:29	02/14/22 18:45	7440-02-0		
Selenium	ND	mg/L	0.0050	0.0014	1	02/11/22 10:29	02/14/22 18:45	7782-49-2		
Silver	ND	mg/L	0.0050	0.00044	1	02/11/22 10:29	02/14/22 18:45	7440-22-4		
Thallium	ND	mg/L	0.0010	0.00018	1	02/11/22 10:29	02/14/22 18:45	7440-28-0		
Vanadium	ND	mg/L	0.010	0.0019	1	02/11/22 10:29	02/14/22 18:45	7440-62-2		
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 11:00	02/09/22 15:40	7439-97-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/03/22 12:42			
2320B Alkalinity		Analytical Method: SM 2320B Pace Analytical Services - Minneapolis								
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/08/22 22:37			
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:37			
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:37			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/07/22 00:27	16887-00-6		
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 00:27	16984-48-8		
Sulfate	ND	mg/L	1.0	0.50	1		02/07/22 00:27	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	676146	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010D ATL
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples:	92585058001, 92585058002, 92585058003, 92585058004, 92585058005, 92585058006, 92585058007, 92585058008, 92585058009, 92585058010, 92585058011, 92585058012		

METHOD BLANK:	3539086	Matrix:	Water
Associated Lab Samples:	92585058001, 92585058002, 92585058003, 92585058004, 92585058005, 92585058006, 92585058007, 92585058008, 92585058009, 92585058010, 92585058011, 92585058012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	02/07/22 20:25	
Magnesium	mg/L	ND	0.050	0.012	02/07/22 20:25	
Potassium	mg/L	ND	0.20	0.15	02/07/22 20:25	
Sodium	mg/L	ND	1.0	0.58	02/07/22 20:25	
Zinc	mg/L	ND	0.020	0.0085	02/07/22 20:25	

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	0.98J	98	80-120	
Magnesium	mg/L	1	1.0	103	80-120	
Potassium	mg/L	1	0.99	99	80-120	
Sodium	mg/L	1	1.1	106	80-120	
Zinc	mg/L	1	0.98	98	80-120	

Parameter	Units	3539088		3539089		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Calcium	mg/L	1.1	1	2.1	2.1	102	100	75-125	1	20	
Magnesium	mg/L	0.44	1	1.5	1.5	102	103	75-125	1	20	
Potassium	mg/L	0.46	1	1.4	1.4	94	96	75-125	1	20	
Sodium	mg/L	3.5	1	4.6	4.5	104	97	75-125	2	20	
Zinc	mg/L	ND	1	0.98	0.98	98	98	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch: 677117 Analysis Method: EPA 6010D
 QC Batch Method: EPA 3010A Analysis Description: 6010D ATL
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585058013, 92585058014, 92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020, 92585058021, 92585058022, 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029, 92585058030

METHOD BLANK: 3543806 Matrix: Water
 Associated Lab Samples: 92585058013, 92585058014, 92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020, 92585058021, 92585058022, 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029, 92585058030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	02/10/22 16:30	
Magnesium	mg/L	ND	0.050	0.012	02/10/22 16:30	
Potassium	mg/L	ND	0.20	0.15	02/10/22 16:30	
Sodium	mg/L	ND	1.0	0.58	02/10/22 16:30	
Zinc	mg/L	ND	0.020	0.0085	02/10/22 16:30	

LABORATORY CONTROL SAMPLE: 3543807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	107	80-120	
Magnesium	mg/L	1	1.1	110	80-120	
Potassium	mg/L	1	1.0	104	80-120	
Sodium	mg/L	1	1.1	110	80-120	
Zinc	mg/L	1	1.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3543808 3543809

Parameter	Units	3543808		3543809		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Calcium	mg/L	29.3	1	31.1	31.5	174	218	75-125	1	20	M1
Magnesium	mg/L	16.4	1	18.1	18.1	172	172	75-125	0	20	M1
Potassium	mg/L	0.63	1	1.7	1.7	104	108	75-125	3	20	
Sodium	mg/L	1.4	1	2.4	2.4	99	105	75-125	2	20	
Zinc	mg/L	ND	1	0.96	1.0	96	100	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	677120	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92585058001, 92585058002, 92585058003, 92585058004, 92585058005, 92585058006, 92585058007, 92585058008, 92585058009, 92585058010, 92585058011, 92585058012, 92585058013, 92585058014, 92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020

METHOD BLANK:	3543812	Matrix:	Water
---------------	---------	---------	-------

Associated Lab Samples: 92585058001, 92585058002, 92585058003, 92585058004, 92585058005, 92585058006, 92585058007, 92585058008, 92585058009, 92585058010, 92585058011, 92585058012, 92585058013, 92585058014, 92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	02/11/22 18:24	
Arsenic	mg/L	ND	0.0050	0.0011	02/11/22 18:24	
Barium	mg/L	ND	0.0050	0.00067	02/11/22 18:24	
Beryllium	mg/L	ND	0.00050	0.000054	02/11/22 18:24	
Boron	mg/L	ND	0.040	0.0086	02/11/22 18:24	
Cadmium	mg/L	ND	0.00050	0.00011	02/11/22 18:24	
Chromium	mg/L	ND	0.0050	0.0011	02/11/22 18:24	
Cobalt	mg/L	ND	0.0050	0.00039	02/11/22 18:24	
Copper	mg/L	ND	0.0050	0.00050	02/11/22 18:24	
Lead	mg/L	ND	0.0010	0.00089	02/11/22 18:24	
Nickel	mg/L	ND	0.0050	0.00071	02/11/22 18:24	
Selenium	mg/L	ND	0.0050	0.0014	02/11/22 18:24	
Silver	mg/L	ND	0.0050	0.00044	02/11/22 18:24	
Thallium	mg/L	ND	0.0010	0.00018	02/11/22 18:24	
Vanadium	mg/L	ND	0.010	0.0019	02/11/22 18:24	

LABORATORY CONTROL SAMPLE: 3543813

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	108	80-120	
Arsenic	mg/L	0.1	0.097	97	80-120	
Barium	mg/L	0.1	0.10	105	80-120	
Beryllium	mg/L	0.1	0.098	98	80-120	
Boron	mg/L	1	0.99	99	80-120	
Cadmium	mg/L	0.1	0.099	99	80-120	
Chromium	mg/L	0.1	0.10	100	80-120	
Cobalt	mg/L	0.1	0.10	105	80-120	
Copper	mg/L	0.1	0.10	102	80-120	
Lead	mg/L	0.1	0.094	94	80-120	
Nickel	mg/L	0.1	0.11	106	80-120	
Selenium	mg/L	0.1	0.097	97	80-120	
Silver	mg/L	0.1	0.10	104	80-120	
Thallium	mg/L	0.1	0.095	95	80-120	
Vanadium	mg/L	0.1	0.10	100	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Parameter	Units	3543814		3543815		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92585058002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Antimony	mg/L	ND	0.1	0.1	0.10	0.11	104	110	75-125	6	20		
Arsenic	mg/L	0.0030J	0.1	0.1	0.10	0.10	97	97	75-125	1	20		
Barium	mg/L	0.023	0.1	0.1	0.13	0.14	106	122	75-125	11	20		
Beryllium	mg/L	ND	0.1	0.1	0.10	0.11	102	108	75-125	6	20		
Boron	mg/L	ND	1	1	1.0	1.1	102	109	75-125	7	20		
Cadmium	mg/L	ND	0.1	0.1	0.099	0.10	99	101	75-125	2	20		
Chromium	mg/L	0.0012J	0.1	0.1	0.098	0.10	97	99	75-125	3	20		
Cobalt	mg/L	ND	0.1	0.1	0.095	0.10	95	100	75-125	5	20		
Copper	mg/L	ND	0.1	0.1	0.095	0.099	94	99	75-125	4	20		
Lead	mg/L	ND	0.1	0.1	0.094	0.099	94	99	75-125	5	20		
Nickel	mg/L	ND	0.1	0.1	0.096	0.10	96	102	75-125	6	20		
Selenium	mg/L	ND	0.1	0.1	0.096	0.099	96	99	75-125	3	20		
Silver	mg/L	ND	0.1	0.1	0.099	0.11	99	105	75-125	6	20		
Thallium	mg/L	ND	0.1	0.1	0.096	0.10	96	100	75-125	5	20		
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	98	102	75-125	4	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	677647	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92585058021, 92585058022, 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029, 92585058030

METHOD BLANK: 3546468 Matrix: Water

Associated Lab Samples: 92585058021, 92585058022, 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029, 92585058030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	0.00078J	0.0030	0.00078	02/14/22 14:43	
Arsenic	mg/L	ND	0.0050	0.0011	02/14/22 14:43	
Barium	mg/L	ND	0.0050	0.00067	02/14/22 14:43	
Beryllium	mg/L	ND	0.00050	0.000054	02/14/22 14:43	
Boron	mg/L	ND	0.040	0.0086	02/14/22 14:43	
Cadmium	mg/L	ND	0.00050	0.00011	02/14/22 14:43	
Chromium	mg/L	ND	0.0050	0.0011	02/14/22 14:43	
Cobalt	mg/L	ND	0.0050	0.00039	02/14/22 14:43	
Copper	mg/L	ND	0.0050	0.00050	02/14/22 14:43	
Lead	mg/L	ND	0.0010	0.00089	02/14/22 14:43	
Nickel	mg/L	ND	0.0050	0.00071	02/14/22 14:43	
Selenium	mg/L	ND	0.0050	0.0014	02/14/22 14:43	
Silver	mg/L	ND	0.0050	0.00044	02/14/22 14:43	
Thallium	mg/L	ND	0.0010	0.00018	02/14/22 14:43	
Vanadium	mg/L	ND	0.010	0.0019	02/14/22 14:43	

LABORATORY CONTROL SAMPLE: 3546469

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	109	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.10	103	80-120	
Beryllium	mg/L	0.1	0.10	101	80-120	
Boron	mg/L	1	1.0	101	80-120	
Cadmium	mg/L	0.1	0.11	107	80-120	
Chromium	mg/L	0.1	0.11	107	80-120	
Cobalt	mg/L	0.1	0.11	108	80-120	
Copper	mg/L	0.1	0.10	102	80-120	
Lead	mg/L	0.1	0.10	101	80-120	
Nickel	mg/L	0.1	0.11	107	80-120	
Selenium	mg/L	0.1	0.10	100	80-120	
Silver	mg/L	0.1	0.10	103	80-120	
Thallium	mg/L	0.1	0.10	102	80-120	
Vanadium	mg/L	0.1	0.11	105	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3546470 3546471												
Parameter	Units	92585058023		MS	MSD	MS		MSD		% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
Antimony	mg/L	0.027	0.1	0.1	0.13	0.14	107	110	75-125	3	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	102	104	75-125	1	20	
Barium	mg/L	0.049	0.1	0.1	0.16	0.17	115	119	75-125	3	20	
Beryllium	mg/L	ND	0.1	0.1	0.095	0.097	95	97	75-125	2	20	
Boron	mg/L	0.021J	1	1	0.95	0.96	93	94	75-125	1	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	105	105	75-125	0	20	
Chromium	mg/L	0.0011J	0.1	0.1	0.10	0.10	104	100	75-125	3	20	
Cobalt	mg/L	ND	0.1	0.1	0.10	0.095	100	95	75-125	6	20	
Copper	mg/L	0.00088J	0.1	0.1	0.097	0.091	96	91	75-125	6	20	
Lead	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	0	20	
Nickel	mg/L	0.0063	0.1	0.1	0.11	0.099	99	92	75-125	7	20	
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	99	102	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.099	0.10	99	101	75-125	3	20	
Thallium	mg/L	ND	0.1	0.1	0.096	0.098	96	98	75-125	2	20	
Vanadium	mg/L	ND	0.1	0.1	0.11	0.10	106	101	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch: 676529 Analysis Method: EPA 7470A
 QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585058001, 92585058002, 92585058003, 92585058004, 92585058005, 92585058006, 92585058007, 92585058008, 92585058009

METHOD BLANK: 3541084 Matrix: Water
 Associated Lab Samples: 92585058001, 92585058002, 92585058003, 92585058004, 92585058005, 92585058006, 92585058007, 92585058008, 92585058009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/08/22 14:45	

LABORATORY CONTROL SAMPLE: 3541085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0024	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3541086 3541087

Parameter	Units	92583955017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0024	0.0023	90	87	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	676728	Analysis Method:	EPA 7470A
QC Batch Method:	EPA 7470A	Analysis Description:	7470 Mercury
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples:	92585058010, 92585058011, 92585058012, 92585058013, 92585058014, 92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020, 92585058021, 92585058022, 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029		

METHOD BLANK:	3541855	Matrix:	Water
Associated Lab Samples:	92585058010, 92585058011, 92585058012, 92585058013, 92585058014, 92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020, 92585058021, 92585058022, 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/09/22 08:40	

LABORATORY CONTROL SAMPLE:	3541856					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0022	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	3541857			3541858								
Parameter	Units	92585058010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0023	0.0024	92	94	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

QC Batch: 677024	Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A	Analysis Description: 7470 Mercury
	Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92585058030

METHOD BLANK: 3543214 Matrix: Water
 Associated Lab Samples: 92585058030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/09/22 15:30	

LABORATORY CONTROL SAMPLE: 3543215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0025	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3543216 3543217

Parameter	Units	3543216		3543217		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	mg/L	92585717001 ND	0.0025	0.0025	0.0025	0.0024	98	95	75-125	4	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch: 675202	Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015	Analysis Description: 2540C Total Dissolved Solids
	Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92585058001, 92585058002, 92585058003, 92585058004

METHOD BLANK: 3533883 Matrix: Water
 Associated Lab Samples: 92585058001, 92585058002, 92585058003, 92585058004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/01/22 14:06	

LABORATORY CONTROL SAMPLE: 3533884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	384	96	80-120	

SAMPLE DUPLICATE: 3533885

Parameter	Units	92584543008 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	57.0	52.0	9	25	

SAMPLE DUPLICATE: 3533886

Parameter	Units	92585000001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	56.0	66.0	16	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

QC Batch: 675522 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585058005, 92585058006, 92585058007, 92585058008, 92585058009, 92585058010, 92585058011, 92585058012, 92585058013

METHOD BLANK: 3535377 Matrix: Water
 Associated Lab Samples: 92585058005, 92585058006, 92585058007, 92585058008, 92585058009, 92585058010, 92585058011, 92585058012, 92585058013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/02/22 17:20	

LABORATORY CONTROL SAMPLE: 3535378

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	382	96	80-120	

SAMPLE DUPLICATE: 3535379

Parameter	Units	92583955021 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	290	301	4	25	

SAMPLE DUPLICATE: 3535380

Parameter	Units	92584814001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	4960000 ug/L	4580	8	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch: 675523

Analysis Method: SM 2540C-2015

QC Batch Method: SM 2540C-2015

Analysis Description: 2540C Total Dissolved Solids

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92585058014, 92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020, 92585058021, 92585058022

METHOD BLANK: 3535385

Matrix: Water

Associated Lab Samples: 92585058014, 92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020, 92585058021, 92585058022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/02/22 17:42	

LABORATORY CONTROL SAMPLE: 3535386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	382	96	80-120	

SAMPLE DUPLICATE: 3535387

Parameter	Units	92585058014 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

SAMPLE DUPLICATE: 3535388

Parameter	Units	92585058019 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	168	193	14	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

QC Batch: 675783 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029, 92585058030

METHOD BLANK: 3536822 Matrix: Water
 Associated Lab Samples: 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029, 92585058030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/03/22 12:37	

LABORATORY CONTROL SAMPLE: 3536823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	376	94	80-120	

SAMPLE DUPLICATE: 3536824

Parameter	Units	92584785018 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	274	288	5	25	

SAMPLE DUPLICATE: 3536825

Parameter	Units	92583603003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	155	146	6	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	796924	Analysis Method:	SM 2320B
QC Batch Method:	SM 2320B	Analysis Description:	2320B Alkalinity
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples:	92585058001, 92585058002, 92585058003, 92585058004		

METHOD BLANK: 4235804 Matrix: Water
 Associated Lab Samples: 92585058001, 92585058002, 92585058003, 92585058004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/03/22 14:42	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/03/22 14:42	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/03/22 14:42	

LABORATORY CONTROL SAMPLE & LCSD: 4235805 4235806

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	41.8	42.0	105	105	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4235807 4235808

Parameter	Units	10595854005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	127	40	40	166	166	99	98	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4235809 4235810

Parameter	Units	92585058002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	132	40	40	171	170	98	97	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

QC Batch: 797156 Analysis Method: SM 2320B
 QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
 Laboratory: Pace Analytical Services - Minneapolis
 Associated Lab Samples: 92585058005, 92585058006, 92585058007, 92585058008, 92585058009, 92585058010, 92585058011, 92585058012, 92585058013, 92585058014

METHOD BLANK: 4236642 Matrix: Water
 Associated Lab Samples: 92585058005, 92585058006, 92585058007, 92585058008, 92585058009, 92585058010, 92585058011, 92585058012, 92585058013, 92585058014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/03/22 20:09	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/03/22 20:09	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/03/22 20:09	

LABORATORY CONTROL SAMPLE & LCSD: 4236643 4236644

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	42.2	42.2	106	106	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4236645 4236646

Parameter	Units	10595801002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	73.8	40	40	114	114	101	102	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4236647 4236648

Parameter	Units	10595871007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	884	40	40	923	924	98	100	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	797193	Analysis Method:	SM 2320B
QC Batch Method:	SM 2320B	Analysis Description:	2320B Alkalinity
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples:	92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020, 92585058021, 92585058022		

METHOD BLANK:	4236738	Matrix:	Water
Associated Lab Samples:	92585058015, 92585058016, 92585058017, 92585058018, 92585058019, 92585058020, 92585058021, 92585058022		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/04/22 14:59	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/04/22 14:59	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/04/22 14:59	

LABORATORY CONTROL SAMPLE & LCSD:		4236739	4236740									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
Alkalinity, Total as CaCO3	mg/L	40	42.0	41.9	105	105	90-110	0	20			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		4236741	4236742									
Parameter	Units	10595930001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	191	40	40	229	231	95	99	80-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		4236743	4236744									
Parameter	Units	10595930002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	82.0	40	40	121	121	98	98	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch: 797866 Analysis Method: SM 2320B
 QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
 Laboratory: Pace Analytical Services - Minneapolis
 Associated Lab Samples: 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029, 92585058030

METHOD BLANK: 4239372 Matrix: Water
 Associated Lab Samples: 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029, 92585058030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/08/22 21:36	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/08/22 21:36	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/08/22 21:36	

LABORATORY CONTROL SAMPLE & LCSD: 4239373 4239374

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	41.8	41.3	104	103	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4239375 4239376

Parameter	Units	10596751001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	22.6	40	40	53.6	59.6	78	93	80-120	10	20	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4239377 4239378

Parameter	Units	92585555002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	84.2	40	40	121	124	92	100	80-120	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	675177	Analysis Method:	EPA 300.0 Rev 2.1 1993
QC Batch Method:	EPA 300.0 Rev 2.1 1993	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92585058001, 92585058002, 92585058003, 92585058004, 92585058005, 92585058006, 92585058007, 92585058008		

METHOD BLANK:	3533812	Matrix:	Water
Associated Lab Samples:	92585058001, 92585058002, 92585058003, 92585058004, 92585058005, 92585058006, 92585058007, 92585058008		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/01/22 19:53	
Fluoride	mg/L	ND	0.10	0.050	02/01/22 19:53	
Sulfate	mg/L	ND	1.0	0.50	02/01/22 19:53	

LABORATORY CONTROL SAMPLE: 3533813						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	53.1	106	90-110	
Fluoride	mg/L	2.5	2.5	102	90-110	
Sulfate	mg/L	50	50.9	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3533814												3533815	
Parameter	Units	92584984011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Chloride	mg/L	5.8	50	50	56.4	57.4	101	103	90-110	2	10		
Fluoride	mg/L	0.48	2.5	2.5	2.9	3.0	98	100	90-110	2	10		
Sulfate	mg/L	27.5	50	50	77.3	79.0	99	103	90-110	2	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3533816												3533817	
Parameter	Units	92584984021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Chloride	mg/L	7.7	50	50	59.9	57.3	104	99	90-110	4	10		
Fluoride	mg/L	0.19	2.5	2.5	2.6	2.4	95	90	90-110	5	10		
Sulfate	mg/L	87.5	50	50	115	114	56	52	90-110	1	10 M1		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

QC Batch: 675178 Analysis Method: EPA 300.0 Rev 2.1 1993
 QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions
 Laboratory: Pace Analytical Services - Asheville
 Associated Lab Samples: 92585058009, 92585058010, 92585058011, 92585058012, 92585058013, 92585058014, 92585058015, 92585058016, 92585058017, 92585058018

METHOD BLANK: 3533818 Matrix: Water
 Associated Lab Samples: 92585058009, 92585058010, 92585058011, 92585058012, 92585058013, 92585058014, 92585058015, 92585058016, 92585058017, 92585058018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/02/22 03:33	
Fluoride	mg/L	ND	0.10	0.050	02/02/22 03:33	
Sulfate	mg/L	ND	1.0	0.50	02/02/22 03:33	

LABORATORY CONTROL SAMPLE: 3533819

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.5	99	90-110	
Fluoride	mg/L	2.5	2.4	96	90-110	
Sulfate	mg/L	50	48.4	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3533820 3533821

Parameter	Units	92585058009		3533821		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Chloride	mg/L	2.4	50	50	56.3	53.9	108	103	90-110	4	10
Fluoride	mg/L	ND	2.5	2.5	2.5	2.4	101	96	90-110	5	10
Sulfate	mg/L	1.6	50	50	55.3	54.4	107	106	90-110	2	10

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	675484	Analysis Method:	EPA 300.0 Rev 2.1 1993
QC Batch Method:	EPA 300.0 Rev 2.1 1993	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92585058019, 92585058020, 92585058021, 92585058022		

METHOD BLANK: 3535178 Matrix: Water
 Associated Lab Samples: 92585058019, 92585058020, 92585058021, 92585058022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/04/22 12:13	
Fluoride	mg/L	ND	0.10	0.050	02/04/22 12:13	
Sulfate	mg/L	ND	1.0	0.50	02/04/22 12:13	

LABORATORY CONTROL SAMPLE: 3535179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.4	101	90-110	
Fluoride	mg/L	2.5	2.5	98	90-110	
Sulfate	mg/L	50	49.3	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3535180 3535181

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92585451002 Result	Spike Conc.	Spike Conc.	Conc.								
Chloride	mg/L	65.5	50	50	50	101	102	71	74	90-110	1	10	M1
Fluoride	mg/L	0.46	2.5	2.5	2.5	2.9	2.9	97	97	90-110	0	10	
Sulfate	mg/L	122	50	50	50	169	170	94	96	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3535182 3535183

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92584785016 Result	Spike Conc.	Spike Conc.	Conc.								
Chloride	mg/L	4.9	50	50	50	57.1	56.8	104	104	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.5	2.5	2.5	100	100	90-110	0	10	
Sulfate	mg/L	89.9	50	50	50	117	117	54	55	90-110	0	10	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch:	676288	Analysis Method:	EPA 300.0 Rev 2.1 1993
QC Batch Method:	EPA 300.0 Rev 2.1 1993	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029

METHOD BLANK: 3539901 Matrix: Water
 Associated Lab Samples: 92585058023, 92585058024, 92585058025, 92585058026, 92585058027, 92585058028, 92585058029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/06/22 17:16	
Fluoride	mg/L	ND	0.10	0.050	02/06/22 17:16	
Sulfate	mg/L	ND	1.0	0.50	02/06/22 17:16	

LABORATORY CONTROL SAMPLE: 3539902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	52.2	104	90-110	
Fluoride	mg/L	2.5	2.5	99	90-110	
Sulfate	mg/L	50	50.9	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3539903 3539904

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92586144012 Result	Spike Conc.	Spike Conc.	Result								
Chloride	mg/L	4.2	50	50	63.7	64.4	119	120	90-110	1	10	M1	
Fluoride	mg/L	ND	2.5	2.5	2.9	2.9	113	116	90-110	2	10	M1	
Sulfate	mg/L	3.0	50	50	62.0	62.7	118	119	90-110	1	10	M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3539905 3539906

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92586259001 Result	Spike Conc.	Spike Conc.	Result								
Chloride	mg/L	46.0	50	50	84.0	85.4	76	79	90-110	2	10	M1	
Fluoride	mg/L	9.9	2.5	2.5	11.5	10.9	64	38	90-110	6	10	M1	
Sulfate	mg/L	750	50	50	782	783	64	65	90-110	0	10	M1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

QC Batch: 676332	Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993	Analysis Description: 300.0 IC Anions
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92585058030

METHOD BLANK: 3540061 Matrix: Water

Associated Lab Samples: 92585058030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/06/22 23:27	
Fluoride	mg/L	ND	0.10	0.050	02/06/22 23:27	
Sulfate	mg/L	ND	1.0	0.50	02/06/22 23:27	

LABORATORY CONTROL SAMPLE: 3540062

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.3	95	90-110	
Fluoride	mg/L	2.5	2.3	92	90-110	
Sulfate	mg/L	50	45.8	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3540063 3540064

Parameter	Units	92585058030		MS		MSD		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Result						
Chloride	mg/L	ND	50	50	48.9	49.4	98	99	90-110	1	10		
Fluoride	mg/L	ND	2.5	2.5	2.3	2.3	92	93	90-110	1	10		
Sulfate	mg/L	ND	50	50	48.2	48.7	96	97	90-110	1	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3540065 3540066

Parameter	Units	9258555010		MS		MSD		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Result						
Chloride	mg/L	4.8	50	50	55.6	55.1	102	101	90-110	1	10		
Fluoride	mg/L	ND	2.5	2.5	2.5	2.5	100	100	90-110	0	10		
Sulfate	mg/L	1.2	50	50	51.6	51.1	101	100	90-110	1	10		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: BOWEN LF CELLS 3&4
Pace Project No.: 92585058

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.
A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.
BC The same analyte was detected in an associated blank at a concentration above 1/2 the reporting limit but below the laboratory reporting limit.
M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92585058001	GWA-38				
92585058002	GWA-52				
92585058003	GWA-54				
92585058005	GWA-36RA				
92585058006	GWA-37				
92585058007	GWA-51RZ				
92585058008	GWA-53				
92585058009	GWA-53R				
92585058010	GWA-55				
92585058011	GWA-56				
92585058015	GWC-18R				
92585058016	GWC-19R				
92585058017	GWC-20R				
92585058018	GWC-22R				
92585058019	GWC-25R				
92585058020	GWA-55R				
92585058023	GWC-16R				
92585058024	GWC-17R				
92585058025	GWC-18				
92585058026	GWC-21R				
92585058027	GWC-23R				
92585058028	GWC-24R				
92585058001	GWA-38	EPA 3010A	676146	EPA 6010D	676271
92585058002	GWA-52	EPA 3010A	676146	EPA 6010D	676271
92585058003	GWA-54	EPA 3010A	676146	EPA 6010D	676271
92585058004	FB-1	EPA 3010A	676146	EPA 6010D	676271
92585058005	GWA-36RA	EPA 3010A	676146	EPA 6010D	676271
92585058006	GWA-37	EPA 3010A	676146	EPA 6010D	676271
92585058007	GWA-51RZ	EPA 3010A	676146	EPA 6010D	676271
92585058008	GWA-53	EPA 3010A	676146	EPA 6010D	676271
92585058009	GWA-53R	EPA 3010A	676146	EPA 6010D	676271
92585058010	GWA-55	EPA 3010A	676146	EPA 6010D	676271
92585058011	GWA-56	EPA 3010A	676146	EPA 6010D	676271
92585058012	DUP-1	EPA 3010A	676146	EPA 6010D	676271
92585058013	FB-2	EPA 3010A	677117	EPA 6010D	677432
92585058014	EB-1	EPA 3010A	677117	EPA 6010D	677432
92585058015	GWC-18R	EPA 3010A	677117	EPA 6010D	677432
92585058016	GWC-19R	EPA 3010A	677117	EPA 6010D	677432
92585058017	GWC-20R	EPA 3010A	677117	EPA 6010D	677432
92585058018	GWC-22R	EPA 3010A	677117	EPA 6010D	677432
92585058019	GWC-25R	EPA 3010A	677117	EPA 6010D	677432
92585058020	GWA-55R	EPA 3010A	677117	EPA 6010D	677432
92585058021	DUP-2	EPA 3010A	677117	EPA 6010D	677432
92585058022	FB-3	EPA 3010A	677117	EPA 6010D	677432
92585058023	GWC-16R	EPA 3010A	677117	EPA 6010D	677432
92585058024	GWC-17R	EPA 3010A	677117	EPA 6010D	677432
92585058025	GWC-18	EPA 3010A	677117	EPA 6010D	677432
92585058026	GWC-21R	EPA 3010A	677117	EPA 6010D	677432

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92585058

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92585058027	GWC-23R	EPA 3010A	677117	EPA 6010D	677432
92585058028	GWC-24R	EPA 3010A	677117	EPA 6010D	677432
92585058029	DUP-3	EPA 3010A	677117	EPA 6010D	677432
92585058030	FB-4	EPA 3010A	677117	EPA 6010D	677432
92585058001	GWA-38	EPA 3005A	677120	EPA 6020B	677422
92585058002	GWA-52	EPA 3005A	677120	EPA 6020B	677422
92585058003	GWA-54	EPA 3005A	677120	EPA 6020B	677422
92585058004	FB-1	EPA 3005A	677120	EPA 6020B	677422
92585058005	GWA-36RA	EPA 3005A	677120	EPA 6020B	677422
92585058006	GWA-37	EPA 3005A	677120	EPA 6020B	677422
92585058007	GWA-51RZ	EPA 3005A	677120	EPA 6020B	677422
92585058008	GWA-53	EPA 3005A	677120	EPA 6020B	677422
92585058009	GWA-53R	EPA 3005A	677120	EPA 6020B	677422
92585058010	GWA-55	EPA 3005A	677120	EPA 6020B	677422
92585058011	GWA-56	EPA 3005A	677120	EPA 6020B	677422
92585058012	DUP-1	EPA 3005A	677120	EPA 6020B	677422
92585058013	FB-2	EPA 3005A	677120	EPA 6020B	677422
92585058014	EB-1	EPA 3005A	677120	EPA 6020B	677422
92585058015	GWC-18R	EPA 3005A	677120	EPA 6020B	677422
92585058016	GWC-19R	EPA 3005A	677120	EPA 6020B	677422
92585058017	GWC-20R	EPA 3005A	677120	EPA 6020B	677422
92585058018	GWC-22R	EPA 3005A	677120	EPA 6020B	677422
92585058019	GWC-25R	EPA 3005A	677120	EPA 6020B	677422
92585058020	GWA-55R	EPA 3005A	677120	EPA 6020B	677422
92585058021	DUP-2	EPA 3005A	677647	EPA 6020B	677773
92585058022	FB-3	EPA 3005A	677647	EPA 6020B	677773
92585058023	GWC-16R	EPA 3005A	677647	EPA 6020B	677773
92585058024	GWC-17R	EPA 3005A	677647	EPA 6020B	677773
92585058025	GWC-18	EPA 3005A	677647	EPA 6020B	677773
92585058026	GWC-21R	EPA 3005A	677647	EPA 6020B	677773
92585058027	GWC-23R	EPA 3005A	677647	EPA 6020B	677773
92585058028	GWC-24R	EPA 3005A	677647	EPA 6020B	677773
92585058029	DUP-3	EPA 3005A	677647	EPA 6020B	677773
92585058030	FB-4	EPA 3005A	677647	EPA 6020B	677773
92585058001	GWA-38	EPA 7470A	676529	EPA 7470A	676769
92585058002	GWA-52	EPA 7470A	676529	EPA 7470A	676769
92585058003	GWA-54	EPA 7470A	676529	EPA 7470A	676769
92585058004	FB-1	EPA 7470A	676529	EPA 7470A	676769
92585058005	GWA-36RA	EPA 7470A	676529	EPA 7470A	676769
92585058006	GWA-37	EPA 7470A	676529	EPA 7470A	676769
92585058007	GWA-51RZ	EPA 7470A	676529	EPA 7470A	676769
92585058008	GWA-53	EPA 7470A	676529	EPA 7470A	676769
92585058009	GWA-53R	EPA 7470A	676529	EPA 7470A	676769
92585058010	GWA-55	EPA 7470A	676728	EPA 7470A	676959
92585058011	GWA-56	EPA 7470A	676728	EPA 7470A	676959
92585058012	DUP-1	EPA 7470A	676728	EPA 7470A	676959
92585058013	FB-2	EPA 7470A	676728	EPA 7470A	676959

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92585058014	EB-1	EPA 7470A	676728	EPA 7470A	676959
92585058015	GWC-18R	EPA 7470A	676728	EPA 7470A	676959
92585058016	GWC-19R	EPA 7470A	676728	EPA 7470A	676959
92585058017	GWC-20R	EPA 7470A	676728	EPA 7470A	676959
92585058018	GWC-22R	EPA 7470A	676728	EPA 7470A	676959
92585058019	GWC-25R	EPA 7470A	676728	EPA 7470A	676959
92585058020	GWA-55R	EPA 7470A	676728	EPA 7470A	676959
92585058021	DUP-2	EPA 7470A	676728	EPA 7470A	676959
92585058022	FB-3	EPA 7470A	676728	EPA 7470A	676959
92585058023	GWC-16R	EPA 7470A	676728	EPA 7470A	676959
92585058024	GWC-17R	EPA 7470A	676728	EPA 7470A	676959
92585058025	GWC-18	EPA 7470A	676728	EPA 7470A	676959
92585058026	GWC-21R	EPA 7470A	676728	EPA 7470A	676959
92585058027	GWC-23R	EPA 7470A	676728	EPA 7470A	676959
92585058028	GWC-24R	EPA 7470A	676728	EPA 7470A	676959
92585058029	DUP-3	EPA 7470A	676728	EPA 7470A	676959
92585058030	FB-4	EPA 7470A	677024	EPA 7470A	677121
92585058001	GWA-38	SM 2540C-2015	675202		
92585058002	GWA-52	SM 2540C-2015	675202		
92585058003	GWA-54	SM 2540C-2015	675202		
92585058004	FB-1	SM 2540C-2015	675202		
92585058005	GWA-36RA	SM 2540C-2015	675522		
92585058006	GWA-37	SM 2540C-2015	675522		
92585058007	GWA-51RZ	SM 2540C-2015	675522		
92585058008	GWA-53	SM 2540C-2015	675522		
92585058009	GWA-53R	SM 2540C-2015	675522		
92585058010	GWA-55	SM 2540C-2015	675522		
92585058011	GWA-56	SM 2540C-2015	675522		
92585058012	DUP-1	SM 2540C-2015	675522		
92585058013	FB-2	SM 2540C-2015	675522		
92585058014	EB-1	SM 2540C-2015	675523		
92585058015	GWC-18R	SM 2540C-2015	675523		
92585058016	GWC-19R	SM 2540C-2015	675523		
92585058017	GWC-20R	SM 2540C-2015	675523		
92585058018	GWC-22R	SM 2540C-2015	675523		
92585058019	GWC-25R	SM 2540C-2015	675523		
92585058020	GWA-55R	SM 2540C-2015	675523		
92585058021	DUP-2	SM 2540C-2015	675523		
92585058022	FB-3	SM 2540C-2015	675523		
92585058023	GWC-16R	SM 2540C-2015	675783		
92585058024	GWC-17R	SM 2540C-2015	675783		
92585058025	GWC-18	SM 2540C-2015	675783		
92585058026	GWC-21R	SM 2540C-2015	675783		
92585058027	GWC-23R	SM 2540C-2015	675783		
92585058028	GWC-24R	SM 2540C-2015	675783		
92585058029	DUP-3	SM 2540C-2015	675783		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92585058030	FB-4	SM 2540C-2015	675783		
92585058001	GWA-38	SM 2320B	796924		
92585058002	GWA-52	SM 2320B	796924		
92585058003	GWA-54	SM 2320B	796924		
92585058004	FB-1	SM 2320B	796924		
92585058005	GWA-36RA	SM 2320B	797156		
92585058006	GWA-37	SM 2320B	797156		
92585058007	GWA-51RZ	SM 2320B	797156		
92585058008	GWA-53	SM 2320B	797156		
92585058009	GWA-53R	SM 2320B	797156		
92585058010	GWA-55	SM 2320B	797156		
92585058011	GWA-56	SM 2320B	797156		
92585058012	DUP-1	SM 2320B	797156		
92585058013	FB-2	SM 2320B	797156		
92585058014	EB-1	SM 2320B	797156		
92585058015	GWC-18R	SM 2320B	797193		
92585058016	GWC-19R	SM 2320B	797193		
92585058017	GWC-20R	SM 2320B	797193		
92585058018	GWC-22R	SM 2320B	797193		
92585058019	GWC-25R	SM 2320B	797193		
92585058020	GWA-55R	SM 2320B	797193		
92585058021	DUP-2	SM 2320B	797193		
92585058022	FB-3	SM 2320B	797193		
92585058023	GWC-16R	SM 2320B	797866		
92585058024	GWC-17R	SM 2320B	797866		
92585058025	GWC-18	SM 2320B	797866		
92585058026	GWC-21R	SM 2320B	797866		
92585058027	GWC-23R	SM 2320B	797866		
92585058028	GWC-24R	SM 2320B	797866		
92585058029	DUP-3	SM 2320B	797866		
92585058030	FB-4	SM 2320B	797866		
92585058001	GWA-38	EPA 300.0 Rev 2.1 1993	675177		
92585058002	GWA-52	EPA 300.0 Rev 2.1 1993	675177		
92585058003	GWA-54	EPA 300.0 Rev 2.1 1993	675177		
92585058004	FB-1	EPA 300.0 Rev 2.1 1993	675177		
92585058005	GWA-36RA	EPA 300.0 Rev 2.1 1993	675177		
92585058006	GWA-37	EPA 300.0 Rev 2.1 1993	675177		
92585058007	GWA-51RZ	EPA 300.0 Rev 2.1 1993	675177		
92585058008	GWA-53	EPA 300.0 Rev 2.1 1993	675177		
92585058009	GWA-53R	EPA 300.0 Rev 2.1 1993	675178		
92585058010	GWA-55	EPA 300.0 Rev 2.1 1993	675178		
92585058011	GWA-56	EPA 300.0 Rev 2.1 1993	675178		
92585058012	DUP-1	EPA 300.0 Rev 2.1 1993	675178		
92585058013	FB-2	EPA 300.0 Rev 2.1 1993	675178		
92585058014	EB-1	EPA 300.0 Rev 2.1 1993	675178		
92585058015	GWC-18R	EPA 300.0 Rev 2.1 1993	675178		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92585058

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92585058016	GWC-19R	EPA 300.0 Rev 2.1 1993	675178		
92585058017	GWC-20R	EPA 300.0 Rev 2.1 1993	675178		
92585058018	GWC-22R	EPA 300.0 Rev 2.1 1993	675178		
92585058019	GWC-25R	EPA 300.0 Rev 2.1 1993	675484		
92585058020	GWA-55R	EPA 300.0 Rev 2.1 1993	675484		
92585058021	DUP-2	EPA 300.0 Rev 2.1 1993	675484		
92585058022	FB-3	EPA 300.0 Rev 2.1 1993	675484		
92585058023	GWC-16R	EPA 300.0 Rev 2.1 1993	676288		
92585058024	GWC-17R	EPA 300.0 Rev 2.1 1993	676288		
92585058025	GWC-18	EPA 300.0 Rev 2.1 1993	676288		
92585058026	GWC-21R	EPA 300.0 Rev 2.1 1993	676288		
92585058027	GWC-23R	EPA 300.0 Rev 2.1 1993	676288		
92585058028	GWC-24R	EPA 300.0 Rev 2.1 1993	676288		
92585058029	DUP-3	EPA 300.0 Rev 2.1 1993	676288		
92585058030	FB-4	EPA 300.0 Rev 2.1 1993	676332		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Laboratory receiving samples:

Asheville Eden Glenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Company ID: 10000000000000000000

Client Name:

Project ID:

WO#: 92585058

Country: International

Product: Part

Material: Part

Process: Other

Other:



Confidentiality: Yes

Seal Intact? Yes

Date/Time of Receipt (including time zone): 11/22/21 17:28

Marking Material: Double Wrap

Double Bags: None

Other:

Biological Material Present? Yes

No

Temperature: Ambient

Refrigerated: Dry Ice

Other:

Temp. and/or other special handling instructions: Do not use for testing

Do not use for testing in any form or on any testing process. No testing.

Cooler Temp.: 50

Compressor Fan: Add. battery (AC)

Cooler Temp. (expected) (%): S.I.

USDA Regulated Soil? With water sample?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email) including Hazardous Waste forms? Yes

No

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)? Yes No

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Do I need to complete a questionnaire form within the next 10 days (if you do, please email)?

Project Manager SCLM Review

Date: _____

Project Manager EIR Review

Date: _____



CHAIN OF CUSTODY / Analytical Request Document
 This form is to be used to document the collection, handling, and analysis of evidence.

Page 1 of 2

Section 1: Requesting Agency Information Agency Name: <u>Los Angeles County Sheriff's Department</u> Requester: <u>[Signature]</u> Title: <u>Det. [Name]</u> Date: <u>01/15/2025</u>		Section 2: Requesting Agency Information Agency Name: <u>[Name]</u> Requester: <u>[Name]</u> Title: <u>[Title]</u> Date: <u>[Date]</u>		Section 3: Case Information Case No.: <u>[Number]</u> Date of Collection: <u>[Date]</u> Location: <u>[Location]</u> Incident Type: <u>[Type]</u>																																																																																																																																																																																																																																																																																																																	
Section 4: Sample Description Sample ID: <u>[ID]</u> Description: <u>[Description]</u> Quantity: <u>[Quantity]</u> Container: <u>[Container]</u>		Section 5: Collection Details Collector: <u>[Name]</u> Date: <u>[Date]</u> Time: <u>[Time]</u> Location: <u>[Location]</u>		Section 6: Analysis Details Analyte: <u>[Analyte]</u> Method: <u>[Method]</u> Laboratory: <u>[Lab Name]</u> Date of Analysis: <u>[Date]</u>																																																																																																																																																																																																																																																																																																																	
Section 7: Chain of Custody <table border="1"> <thead> <tr> <th>No.</th> <th>Name</th> <th>Signature</th> <th>Date</th> <th>Time</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>2</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>3</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>4</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>5</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>6</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>7</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>8</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>9</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>10</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>11</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>12</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>13</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>14</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>15</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>16</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>17</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>18</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>19</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>20</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>21</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>22</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>23</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>24</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>25</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>26</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>27</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>28</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>29</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>30</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>31</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>32</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>33</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>34</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>35</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>36</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>37</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>38</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>39</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>40</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>41</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>42</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>43</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>44</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>45</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>46</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>47</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>48</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>49</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> <tr> <td>50</td> <td>[Name]</td> <td>[Signature]</td> <td>[Date]</td> <td>[Time]</td> <td>[Remarks]</td> </tr> </tbody> </table>		No.	Name	Signature	Date	Time	Remarks	1	[Name]	[Signature]	[Date]	[Time]	[Remarks]	2	[Name]	[Signature]	[Date]	[Time]	[Remarks]	3	[Name]	[Signature]	[Date]	[Time]	[Remarks]	4	[Name]	[Signature]	[Date]	[Time]	[Remarks]	5	[Name]	[Signature]	[Date]	[Time]	[Remarks]	6	[Name]	[Signature]	[Date]	[Time]	[Remarks]	7	[Name]	[Signature]	[Date]	[Time]	[Remarks]	8	[Name]	[Signature]	[Date]	[Time]	[Remarks]	9	[Name]	[Signature]	[Date]	[Time]	[Remarks]	10	[Name]	[Signature]	[Date]	[Time]	[Remarks]	11	[Name]	[Signature]	[Date]	[Time]	[Remarks]	12	[Name]	[Signature]	[Date]	[Time]	[Remarks]	13	[Name]	[Signature]	[Date]	[Time]	[Remarks]	14	[Name]	[Signature]	[Date]	[Time]	[Remarks]	15	[Name]	[Signature]	[Date]	[Time]	[Remarks]	16	[Name]	[Signature]	[Date]	[Time]	[Remarks]	17	[Name]	[Signature]	[Date]	[Time]	[Remarks]	18	[Name]	[Signature]	[Date]	[Time]	[Remarks]	19	[Name]	[Signature]	[Date]	[Time]	[Remarks]	20	[Name]	[Signature]	[Date]	[Time]	[Remarks]	21	[Name]	[Signature]	[Date]	[Time]	[Remarks]	22	[Name]	[Signature]	[Date]	[Time]	[Remarks]	23	[Name]	[Signature]	[Date]	[Time]	[Remarks]	24	[Name]	[Signature]	[Date]	[Time]	[Remarks]	25	[Name]	[Signature]	[Date]	[Time]	[Remarks]	26	[Name]	[Signature]	[Date]	[Time]	[Remarks]	27	[Name]	[Signature]	[Date]	[Time]	[Remarks]	28	[Name]	[Signature]	[Date]	[Time]	[Remarks]	29	[Name]	[Signature]	[Date]	[Time]	[Remarks]	30	[Name]	[Signature]	[Date]	[Time]	[Remarks]	31	[Name]	[Signature]	[Date]	[Time]	[Remarks]	32	[Name]	[Signature]	[Date]	[Time]	[Remarks]	33	[Name]	[Signature]	[Date]	[Time]	[Remarks]	34	[Name]	[Signature]	[Date]	[Time]	[Remarks]	35	[Name]	[Signature]	[Date]	[Time]	[Remarks]	36	[Name]	[Signature]	[Date]	[Time]	[Remarks]	37	[Name]	[Signature]	[Date]	[Time]	[Remarks]	38	[Name]	[Signature]	[Date]	[Time]	[Remarks]	39	[Name]	[Signature]	[Date]	[Time]	[Remarks]	40	[Name]	[Signature]	[Date]	[Time]	[Remarks]	41	[Name]	[Signature]	[Date]	[Time]	[Remarks]	42	[Name]	[Signature]	[Date]	[Time]	[Remarks]	43	[Name]	[Signature]	[Date]	[Time]	[Remarks]	44	[Name]	[Signature]	[Date]	[Time]	[Remarks]	45	[Name]	[Signature]	[Date]	[Time]	[Remarks]	46	[Name]	[Signature]	[Date]	[Time]	[Remarks]	47	[Name]	[Signature]	[Date]	[Time]	[Remarks]	48	[Name]	[Signature]	[Date]	[Time]	[Remarks]	49	[Name]	[Signature]	[Date]	[Time]	[Remarks]	50	[Name]	[Signature]	[Date]	[Time]	[Remarks]	Section 8: Laboratory Information Laboratory Name: <u>[Name]</u> Address: <u>[Address]</u> Phone: <u>[Phone]</u> Fax: <u>[Fax]</u> Website: <u>[Website]</u>	
No.	Name	Signature	Date	Time	Remarks																																																																																																																																																																																																																																																																																																																
1	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
2	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
3	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
4	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
5	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
6	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
7	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
8	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
9	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
10	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
11	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
12	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
13	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
14	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
15	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
16	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
17	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
18	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
19	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
20	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
21	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
22	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
23	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
24	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
25	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
26	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
27	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
28	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
29	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
30	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
31	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
32	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
33	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
34	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
35	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
36	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
37	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
38	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
39	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
40	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
41	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
42	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
43	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
44	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
45	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
46	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
47	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
48	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
49	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
50	[Name]	[Signature]	[Date]	[Time]	[Remarks]																																																																																																																																																																																																																																																																																																																
Section 9: Additional Comments <u>[Comments]</u>		Section 10: Signatures Requester: <u>[Signature]</u> Collector: <u>[Signature]</u> Analyst: <u>[Signature]</u> Supervisor: <u>[Signature]</u> Date: <u>[Date]</u>																																																																																																																																																																																																																																																																																																																			

This document is the property of the State of California Department of Justice. It is to be used only for the purpose of documenting the collection, handling, and analysis of evidence. It is not to be used for any other purpose. All rights reserved. 1/15/2025



CHAIN-OF-CUSTODY / ANALYTICAL REQUEST DOCUMENT
This document is to be used to document the collection, handling, and analysis of evidence.

Page 101 of 112

Section A

Agency: California Division: Los Angeles

Case No: 10000000000000000000 Date: 10/15/2010

Requester: Los Angeles Requested By: Los Angeles

Requester Title: Los Angeles Requested For: Los Angeles

Requester Agency: Los Angeles Requested Agency: Los Angeles

Requester Contact: Los Angeles Requested Contact: Los Angeles

Requester Phone: Los Angeles Requested Phone: Los Angeles

Requester Email: Los Angeles Requested Email: Los Angeles

Requester Address: Los Angeles Requested Address: Los Angeles

Requester City: Los Angeles Requested City: Los Angeles

Requester State: Los Angeles Requested State: Los Angeles

Requester Zip: Los Angeles Requested Zip: Los Angeles

Requester Country: Los Angeles Requested Country: Los Angeles

Requester Fax: Los Angeles Requested Fax: Los Angeles

Requester FIC: Los Angeles Requested FIC: Los Angeles

Requester EIN: Los Angeles Requested EIN: Los Angeles

Requester DUNS: Los Angeles Requested DUNS: Los Angeles

Requester SIC: Los Angeles Requested SIC: Los Angeles

Requester NAICS: Los Angeles Requested NAICS: Los Angeles

Requester ICS: Los Angeles Requested ICS: Los Angeles

Requester OIG: Los Angeles Requested OIG: Los Angeles

Requester Other: Los Angeles Requested Other: Los Angeles

Item #	Description of Item	Quantity	Unit	Date/Time	Location	Collector	Signature	Title	Agency	Phone	Email	FIC	EIN	DUNS	SIC	NAICS	ICS	OIG	Other	Remarks	
																					Chain of Custody
1	SAMPLE 10	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
2	SAMPLE 11	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
3	SAMPLE 12	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
4	SAMPLE 13	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
5	SAMPLE 14	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
6	SAMPLE 15	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
7	SAMPLE 16	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
8	SAMPLE 17	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
9	SAMPLE 18	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
10	SAMPLE 19	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
11	SAMPLE 20	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
12	SAMPLE 21	1	unit	10/15/2010	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles

Section B

Requester: Los Angeles Requested By: Los Angeles

Requester Title: Los Angeles Requested For: Los Angeles

Requester Agency: Los Angeles Requested Agency: Los Angeles

Requester Contact: Los Angeles Requested Contact: Los Angeles

Requester Phone: Los Angeles Requested Phone: Los Angeles

Requester Email: Los Angeles Requested Email: Los Angeles

Requester Address: Los Angeles Requested Address: Los Angeles

Requester City: Los Angeles Requested City: Los Angeles

Requester State: Los Angeles Requested State: Los Angeles

Requester Zip: Los Angeles Requested Zip: Los Angeles

Requester Country: Los Angeles Requested Country: Los Angeles

Requester Fax: Los Angeles Requested Fax: Los Angeles

Requester FIC: Los Angeles Requested FIC: Los Angeles

Requester EIN: Los Angeles Requested EIN: Los Angeles

Requester DUNS: Los Angeles Requested DUNS: Los Angeles

Requester SIC: Los Angeles Requested SIC: Los Angeles

Requester NAICS: Los Angeles Requested NAICS: Los Angeles

Requester ICS: Los Angeles Requested ICS: Los Angeles

Requester OIG: Los Angeles Requested OIG: Los Angeles

Requester Other: Los Angeles Requested Other: Los Angeles



CHAIN OF CUSTODY / Analytical Request Document
 (to be filled out by the client, DO NOT fill out if obtained from the company records)

Page 1 of 1

Section A (Client Information)
 Analytical Request Number: 12345678
 Requested By: [Name]
 Requested On: 06/20/2024

Section B (Sample Information)
 Sample ID: [Blank]
 Sample Description: [Blank]
 Sample Location: [Blank]
 Sample Date: [Blank]
 Sample Time: [Blank]

Section C (Analysis Information)
 Analysis Requested: [Blank]
 Reference Material: [Blank]

Item #	Description	Quantity	Unit	Collection				Storage				Signature	Date	Time	Remarks
				Where	When	How	By Whom	Where	When	How	By Whom				
1	Sample 1	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
2	Sample 2	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
3	Sample 3	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
4	Sample 4	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
5	Sample 5	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
6	Sample 6	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
7	Sample 7	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
8	Sample 8	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
9	Sample 9	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
10	Sample 10	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
11	Sample 11	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		
12	Sample 12	1	g	Lab	06/20/24	By Hand	John Doe	Lab	06/20/24	By Hand	John Doe	09:00	Sample received		

[Handwritten signature]

CHAIN OF CUSTODY / Analytical Request Document
 Form C-100 (Rev. 10/15/10) - All information must be true and accurate. If you are not sure, please contact the laboratory.

Page 2 of 3

Section 1: Requester Information

Requester Name: 2007 Massachusetts Fairways
 Requester Address: 1000 Massachusetts Ave, Boston, MA 02118
 Requester Phone: 617-552-1111
 Requester Email: request@fairways.com

Section 2: Laboratory Information

Laboratory Name: REGULATORY AGENCY
 Laboratory Address: 1000 Massachusetts Ave, Boston, MA 02118
 Laboratory Phone: 617-552-1111
 Laboratory Email: regulatory@fairways.com

Section 3: Sample Information

Sample ID: MA-1007-0001
 Sample Description: Water from Lake Michigan
 Sample Location: 1000 Massachusetts Ave, Boston, MA 02118
 Sample Date: 10/15/10

Sample ID	Sample Description	Sample Location	Sample Date	Sample Volume	Sample Container	Sample Handling	Sample Storage	Sample Analysis	Sample Results	Sample Comments
MA-1007-0001	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0002	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0003	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0004	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0005	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0006	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0007	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0008	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0009	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L
MA-1007-0010	Water from Lake Michigan	1000 Massachusetts Ave, Boston, MA 02118	10/15/10	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L	1.0 L

Requester Name: 2007 Massachusetts Fairways
 Requester Address: 1000 Massachusetts Ave, Boston, MA 02118
 Requester Phone: 617-552-1111
 Requester Email: request@fairways.com

Handwritten signature

CHAIN-OF-CUSTODY / ANALYTICAL REQUEST DOCUMENT
 This document is to be used to document the chain of custody for samples submitted for analysis.

Page 5 of 5

Section A: Project Information
 Project Name: 1500 Watermain Repair
 Project Location: 1500 Watermain Repair
 Project Number: 1500
 Project Start Date: 11/15/11
 Project End Date: 11/15/11

Section B: Sample Information
 Sample ID: 1500-001
 Sample Description: Water
 Sample Location: 1500 Watermain Repair
 Sample Date: 11/15/11
 Sample Time: 11:15

Section C: Analytical Request
 Requester: 1500
 Requester Address: 1500
 Requester Phone: 1500
 Requester Email: 1500
 Requester Signature: 1500
 Requester Title: 1500

Sample ID	Sample Description	Sample Location	Sample Date	Sample Time	Sample Volume	Sample Container	Sample Storage	Sample Handling	Analysis Requested		Analysis Results	Remarks
									Analysis Type	Analysis Method		
1500-001	Water	1500 Watermain Repair	11/15/11	11:15	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-002	Water	1500 Watermain Repair	11/15/11	11:30	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-003	Water	1500 Watermain Repair	11/15/11	11:45	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-004	Water	1500 Watermain Repair	11/15/11	12:00	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-005	Water	1500 Watermain Repair	11/15/11	12:15	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-006	Water	1500 Watermain Repair	11/15/11	12:30	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-007	Water	1500 Watermain Repair	11/15/11	12:45	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-008	Water	1500 Watermain Repair	11/15/11	13:00	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-009	Water	1500 Watermain Repair	11/15/11	13:15	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-010	Water	1500 Watermain Repair	11/15/11	13:30	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-011	Water	1500 Watermain Repair	11/15/11	13:45	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-012	Water	1500 Watermain Repair	11/15/11	14:00	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-013	Water	1500 Watermain Repair	11/15/11	14:15	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-014	Water	1500 Watermain Repair	11/15/11	14:30	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-015	Water	1500 Watermain Repair	11/15/11	14:45	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-016	Water	1500 Watermain Repair	11/15/11	15:00	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-017	Water	1500 Watermain Repair	11/15/11	15:15	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-018	Water	1500 Watermain Repair	11/15/11	15:30	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-019	Water	1500 Watermain Repair	11/15/11	15:45	100 mL	1500	1500	1500	1500	1500	1500	1500
1500-020	Water	1500 Watermain Repair	11/15/11	16:00	100 mL	1500	1500	1500	1500	1500	1500	1500



CHAIN-OF-CUSTODY / Analytical Request Document

This document is a work product of the laboratory and is not to be distributed outside the laboratory.

Page 1 of 3

Section 1: Requester Information	Section 2: Analytical Request Information	Section 3: Requester Contact Information
Requester Name: [Redacted]	Requester Name: [Redacted]	Requester Name: [Redacted]
Requester Address: [Redacted]	Requester Address: [Redacted]	Requester Address: [Redacted]
Requester Phone: [Redacted]	Requester Phone: [Redacted]	Requester Phone: [Redacted]
Requester Email: [Redacted]	Requester Email: [Redacted]	Requester Email: [Redacted]
Requester Agency: [Redacted]	Requester Agency: [Redacted]	Requester Agency: [Redacted]
Requester Case No: [Redacted]	Requester Case No: [Redacted]	Requester Case No: [Redacted]
Requester Date: [Redacted]	Requester Date: [Redacted]	Requester Date: [Redacted]

Item #	Description of Sample	Quantity	Container	Packaging	Analysis Test		Packaging Material		Sample ID
					Test Name	Result	Material	Result	
1	EXAMPLE 1D	1
2
3
4
5
6
7
8
9
10
11
12
Additional Comments: [Redacted]									
Signature and Date: [Redacted]									
Date: [Redacted]									

Handwritten signature

CHAIN OF CUSTODY / Analytical Request Document
This form is required for all samples submitted for analysis and must be completed accurately.

Page 2 of 3

Requester: Name: <u>DA Taylor</u> Address: <u>2011 Henderson Highway</u> City: <u>Waco, TX 76798</u>	Requestor's Phone: Phone: <u>817-799-1111</u>	Requestor's Email: Email: <u>dtaylor@waco.gov</u>	Requestor's Address: Address: <u>2011 Henderson Highway</u> City: <u>Waco, TX 76798</u>	Requestor's Contact: Name: <u>DA Taylor</u> Title: <u>Police Officer</u>	Requestor's Agency: Agency: <u>Waco Police</u>	Requestor's Address: Address: <u>2011 Henderson Highway</u> City: <u>Waco, TX 76798</u>	Requestor's Agency: Agency: <u>Waco Police</u>
---	--	--	---	--	---	---	---

Requester: Name: <u>DA Taylor</u> Address: <u>2011 Henderson Highway</u> City: <u>Waco, TX 76798</u>	Requestor's Phone: Phone: <u>817-799-1111</u>	Requestor's Email: Email: <u>dtaylor@waco.gov</u>	Requestor's Address: Address: <u>2011 Henderson Highway</u> City: <u>Waco, TX 76798</u>	Requestor's Contact: Name: <u>DA Taylor</u> Title: <u>Police Officer</u>	Requestor's Agency: Agency: <u>Waco Police</u>	Requestor's Address: Address: <u>2011 Henderson Highway</u> City: <u>Waco, TX 76798</u>	Requestor's Agency: Agency: <u>Waco Police</u>
---	--	--	---	--	---	---	---

Sample ID	Sample Description	Quantity	Unit	Time	Collection Date	Collection Time	Collection Location	Collector Name	Collector Title	Collector Agency	Collector Address	Collector City	Collector State	Collector Zip	Collector Phone	Collector Email	Collector Agency
001	001-001	1	g	11/23	09:30												
002	002-001	1	g	11/23	09:30												
003	003-001	1	g	11/23	09:30												
004	004-001	1	g	11/23	09:30												
005	005-001	1	g	11/23	09:30												
006	006-001	1	g	11/23	09:30												
007	007-001	1	g	11/23	09:30												
008	008-001	1	g	11/23	09:30												
009	009-001	1	g	11/23	09:30												
010	010-001	1	g	11/23	09:30												
011	011-001	1	g	11/23	09:30												
012	012-001	1	g	11/23	09:30												
013	013-001	1	g	11/23	09:30												
014	014-001	1	g	11/23	09:30												
015	015-001	1	g	11/23	09:30												
016	016-001	1	g	11/23	09:30												
017	017-001	1	g	11/23	09:30												
018	018-001	1	g	11/23	09:30												
019	019-001	1	g	11/23	09:30												
020	020-001	1	g	11/23	09:30												

[Handwritten signature]

CHART OF CUSTODY / An Appraisal Request Equipment
 The Federal Government is liable for quantities of equipment used in operations involving:

Page 3 of 3

Section B Equipment Description Make: <u>DAEWOO</u> Model: <u>DAEWOO</u> Year: <u>2003</u> Description: <u>DAEWOO Heavy Duty Truck</u> Acquisition Date: <u>2003</u>		Section C Federal Inventory Inventory Number: <u>DAEWOO 33</u> Location: <u>DAEWOO</u> Date: <u>2003</u>	
Section D Acquisition Authority: <u>DAEWOO</u> Acquisition Date: <u>2003</u> Acquisition Location: <u>DAEWOO</u> Acquisition Value: <u>DAEWOO</u>		Section E Disposition Authority: <u>DAEWOO</u> Disposition Date: <u>DAEWOO</u> Disposition Location: <u>DAEWOO</u> Disposition Value: <u>DAEWOO</u>	

Item No.	Description of Equipment	Quantity	Date Acquired	Value	Location	Responsible Agency / Person	Remarks	Disposition	
								Date	Value
1	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
2	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
3	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
4	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
5	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
6	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
7	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
8	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
9	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			
10	DAEWOO Heavy Duty Truck	1	2003	DAEWOO	DAEWOO	DAEWOO			

Summary of Inventory

Item No.	Description	Quantity	Value	Location	Responsible Agency / Person
1	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
2	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
3	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
4	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
5	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
6	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
7	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
8	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
9	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO
10	DAEWOO Heavy Duty Truck	1	DAEWOO	DAEWOO	DAEWOO



Laboratory Receiving Samples:

Ash Grove Eden Greenwood Huncertville Raleigh Mechanicsville Adams Kammerville

Customer: [Redacted]

Client Name:

GA Power

Project:

NO# : 92585058

Container: Commercial

Phase: 1

2

3

4

MS: HPLC

Due Date: 12/11/23

CLIENT: GA-CA Power

Exactly Seal Present? Yes No

Seal Intact? Yes No

Customer Label Present? Yes No

2/1/22

Packing Material: Bubble wrap Paper wrap Other

Refrigerator: On Off

1.30

Freeze at: +0.2

Cooler Temp: 4.7

Correction Factor: 4.9

Do not provide the actual reading to the

customer. Instead, report the actual reading to the

Cooler Temp Corrected (°C): 4.9

USDA Regulated Soil? Yes No

Do not use any type of equipment, such as the USDA Method, to test for SCOR samples.

Do not use any type of equipment, such as the USDA Method, to test for SCOR samples.

Comments (Do not print):

Item	Yes	No	NA	Count
Check of Sample Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Sample Arrived within Hold Time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Hold Time Exceeded (24 hr)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
Seal Tampered Time Requested?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
Sufficient Volume?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Correctly Labeled (Unit)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Free Container Unit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Container Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Original Sample Temp (See Form)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1
Sample Label Material?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1

Arrival Date/Time/Location: W

Exceeded Hold Time (24 hr)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1
Seal Tampered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1
Exceeded Supply Chain Process?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1

Comments (Do not print):

Other Information/Remarks:

Person Contacted: _____ Date Time: _____
Project Manager: 3-0016 Review: _____ Date: _____
Project Manager: Sub Review Review: _____ Date: _____

CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain of Custody and Request for Analysis forms are to be completed and submitted.

Page 1 of 5

Requester's Information	Requester's Name	Requester's Address	Requester's Phone
Company: <u>CAI/Police</u>	Requester's Name: <u>Det. [Name]</u>	Requester's Address: <u>1000 Washington Parkway</u>	Requester's Phone: <u>[Phone]</u>
Requester's Contact Information	Requester's Signature	Requester's Title	Requester's Department
Requester's Contact: <u>[Name]</u>	Requester's Signature: <u>[Signature]</u>	Requester's Title: <u>Det.</u>	Requester's Department: <u>CAI/Police</u>
Requester's Description of Request	Requester's Description of Sample	Requester's Description of Container	Requester's Description of Packaging
Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>
Requester's Description of Sample	Requester's Description of Container	Requester's Description of Packaging	Requester's Description of Labeling
Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>

Item #	Description of Sample	Quantity	Unit	Date Collected	Time Collected	Location Collected	Requester's Description of Sample		Requester's Description of Container	Requester's Description of Packaging	Requester's Description of Labeling
							Approximate Weight	Approximate Volume			
1	SEARCHED EVIDENCE	1	UNIT								
2	SEARCHED EVIDENCE	1	UNIT								
3	SEARCHED EVIDENCE	1	UNIT								
4	SEARCHED EVIDENCE	1	UNIT								
5	SEARCHED EVIDENCE	1	UNIT								
6	SEARCHED EVIDENCE	1	UNIT								
7	SEARCHED EVIDENCE	1	UNIT								
8	SEARCHED EVIDENCE	1	UNIT								
9	SEARCHED EVIDENCE	1	UNIT								
10	SEARCHED EVIDENCE	1	UNIT								
11	SEARCHED EVIDENCE	1	UNIT								
12	SEARCHED EVIDENCE	1	UNIT								

Requester's Description of Sample	Requester's Description of Container	Requester's Description of Packaging	Requester's Description of Labeling
Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>
Requester's Description of Sample	Requester's Description of Container	Requester's Description of Packaging	Requester's Description of Labeling
Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>
Requester's Description of Sample	Requester's Description of Container	Requester's Description of Packaging	Requester's Description of Labeling
Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>	Requester's Description: <u>[Text]</u>

[Handwritten signature]

CHAIN OF CUSTODY / Analytical Request Document
 The Chain of Custody is a key document in the laboratory and is required for all samples submitted.

Page 1 of 5

Section 1: Sample Information

Sample ID: 1001 **Section 2: Sample Location** Sample ID: 1001

Location: 1001 **Section 3: Sample Description** Sample ID: 1001

Sample Description: 1001 **Section 4: Sample Collection** Sample ID: 1001

Collection Date: 10/12/2014 **Section 5: Sample Analysis** Sample ID: 1001

Analysis Date: 11/27/2014 **Section 6: Sample Storage** Sample ID: 1001

Storage Location: 1001 **Section 7: Sample Handling** Sample ID: 1001

Handling Instructions: 1001 **Section 8: Sample Disposal** Sample ID: 1001

Disposal Date: 11/27/2014

Item #	Description	Date	Time	Initials	Signature	Title	Agency	Phone	Fax	Email	Comments	Status	Remarks
1	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
2	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
3	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
4	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
5	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
6	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
7	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
8	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
9	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
10	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
11	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
12	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
13	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
14	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
15	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
16	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
17	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
18	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
19	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
20	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
21	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
22	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
23	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
24	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
25	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
26	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
27	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
28	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
29	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001
30	EXAMPLE ID	10/12/2014	11:27	[Signature]	[Signature]	Analyst	1001	1001	1001	1001	1001	1001	1001

Section 9: Sample Collection

Collection Date: 10/12/2014 **Section 10: Sample Analysis** Sample ID: 1001

Analysis Date: 11/27/2014 **Section 11: Sample Storage** Sample ID: 1001

Storage Location: 1001 **Section 12: Sample Handling** Sample ID: 1001

Handling Instructions: 1001 **Section 13: Sample Disposal** Sample ID: 1001

Disposal Date: 11/27/2014

Section 14: Laboratory Information

Laboratory Name: 1001 **Section 15: Analyst Information** Sample ID: 1001

Analyst Name: 1001 **Section 16: Supervisor Information** Sample ID: 1001

Supervisor Name: 1001 **Section 17: Client Information** Sample ID: 1001

Client Name: 1001 **Section 18: Other Information** Sample ID: 1001

Other Information: 1001

[Handwritten Signature]
 10/1/12

CHAIN-OF-CUSTODY / Analytical Request Document
 This form is to be completed by the person who collects the sample and is to be maintained by the laboratory.

Page 3 of 3

Section A

Project Name: 1000 Williamson Parkway
 Location: Highway 101 S1113
 Date: 10/1/12
 Requested Sample ID: 101

Section B

Requester: California Dept of Transportation
 Requested Sample ID: 101
 Requested Sample Quantity: 100g

Section C

Requester Name: California Dept of Transportation
 Requester Address: 1000 Williamson Parkway
 Requester City: San Jose
 Requester State: CA
 Requester Zip: 95128

Section D

Requester Contact Name: John Doe
 Requester Contact Title: Project Manager
 Requester Contact Phone: 408-123-4567
 Requester Contact Email: john.doe@caltrans.ca.gov

Section E

Requester Signature: [Signature]
 Date: 10/1/12

Section F

Requester Agency: California Dept of Transportation
 Requester Agency Address: 1000 Williamson Parkway
 Requester Agency City: San Jose
 Requester Agency State: CA
 Requester Agency Zip: 95128

Sample ID	Sample Description	Collector	Date	Time	Location	Collection Method		Preservation		Requester Agency	Requester Name	Requester Title	Requester Phone	Requester Email
						Method	Volume	Temp	Time					
1	SAMPLE ID	MARK COOL	10/1/12	11:00	1000 Williamson Parkway	Hand	100g	4°C	10/1/12	California Dept of Transportation	John Doe	Project Manager	408-123-4567	john.doe@caltrans.ca.gov
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

Section G

Requester Signature: [Signature]
 Date: 10/1/12

Section H

Requester Agency: California Dept of Transportation
 Requester Agency Address: 1000 Williamson Parkway
 Requester Agency City: San Jose
 Requester Agency State: CA
 Requester Agency Zip: 95128

Section I

Requester Name: California Dept of Transportation
 Requester Address: 1000 Williamson Parkway
 Requester City: San Jose
 Requester State: CA
 Requester Zip: 95128



February 17, 2022

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: BOWEN LF CELLS 9&10
Pace Project No.: 92585555

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory between February 01, 2022 and February 04, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA
- Pace Analytical Services - Minneapolis

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

Sincerely,

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Michelle Barker, WOOD E&I
Anna Bottum, ERM
Andrea Brazell, ERM
Kristen Jurinko
Ms. Lauren Petty, Southern Company
Rhonda Quinn, WOOD E&I
Lacy Smith, ERM
Caitlin Tillema, ERM
Christine Weaver, ERM

Greg Wrenn, WOOD E&I



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

- A2LA Certification #: 2926.01*
- Alabama Certification #: 40770
- Alaska Contaminated Sites Certification #: 17-009*
- Alaska DW Certification #: MN00064
- Arizona Certification #: AZ0014*
- Arkansas DW Certification #: MN00064
- Arkansas WW Certification #: 88-0680
- California Certification #: 2929
- Colorado Certification #: MN00064
- Connecticut Certification #: PH-0256
- EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
- Florida Certification #: E87605*
- Georgia Certification #: 959
- Hawaii Certification #: MN00064
- Idaho Certification #: MN00064
- Illinois Certification #: 200011
- Indiana Certification #: C-MN-01
- Iowa Certification #: 368
- Kansas Certification #: E-10167
- Kentucky DW Certification #: 90062
- Kentucky WW Certification #: 90062
- Louisiana DEQ Certification #: AI-03086*
- Louisiana DW Certification #: MN00064
- Maine Certification #: MN00064*
- Maryland Certification #: 322
- Michigan Certification #: 9909
- Minnesota Certification #: 027-053-137*
- Minnesota Dept of Ag Approval: via MN 027-053-137
- Minnesota Petrofund Registration #: 1240*
- Mississippi Certification #: MN00064

- Missouri Certification #: 10100
 - Montana Certification #: CERT0092
 - Nebraska Certification #: NE-OS-18-06
 - Nevada Certification #: MN00064
 - New Hampshire Certification #: 2081*
 - New Jersey Certification #: MN002
 - New York Certification #: 11647*
 - North Carolina DW Certification #: 27700
 - North Carolina WW Certification #: 530
 - North Dakota Certification #: R-036
 - Ohio DW Certification #: 41244
 - Ohio VAP Certification (1700) #: CL101
 - Ohio VAP Certification (1800) #: CL110*
 - Oklahoma Certification #: 9507*
 - Oregon Primary Certification #: MN300001
 - Oregon Secondary Certification #: MN200001*
 - Pennsylvania Certification #: 68-00563*
 - Puerto Rico Certification #: MN00064
 - South Carolina Certification #:74003001
 - Tennessee Certification #: TN02818
 - Texas Certification #: T104704192*
 - Utah Certification #: MN00064*
 - Vermont Certification #: VT-027053137
 - Virginia Certification #: 460163*
 - Washington Certification #: C486*
 - West Virginia DEP Certification #: 382
 - West Virginia DW Certification #: 9952 C
 - Wisconsin Certification #: 999407970
 - Wyoming UST Certification #: via A2LA 2926.01
 - USDA Permit #: P330-19-00208
- *Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006

- South Carolina Certification #: 99006001
- South Carolina Drinking Water Cert. #: 99006003
- Florida/NELAP Certification #: E87627
- Kentucky UST Certification #: 84
- Louisiana DoH Drinking Water #: LA029
- Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40

- South Carolina Laboratory ID: 99030
- South Carolina Certification #: 99030001
- Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315

- Georgia DW Inorganics Certification #: 812
- North Carolina Certification #: 381

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LF CELLS 9&10
Pace Project No.: 92585555

Pace Analytical Services Peachtree Corners
South Carolina Certification #: 98011001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92585555001	GWA-39Z	Water	01/31/22 13:50	02/01/22 11:22
92585555002	GWA-40	Water	01/31/22 14:25	02/01/22 11:22
92585555003	GWA-41	Water	01/31/22 12:55	02/01/22 11:22
92585555004	GWA-41R	Water	01/31/22 10:45	02/01/22 11:22
92585555005	GWA-42	Water	01/31/22 14:48	02/01/22 11:22
92585555006	GWA-43	Water	01/31/22 13:15	02/01/22 11:22
92585555007	GWA-43R	Water	01/31/22 12:05	02/01/22 11:22
92585555008	GWC-44	Water	01/31/22 15:30	02/01/22 11:22
92585555009	GWC-46R	Water	01/31/22 15:30	02/01/22 11:22
92585555010	GWC-48	Water	01/31/22 16:14	02/01/22 11:22
92585555011	DUP-1	Water	01/31/22 00:00	02/01/22 11:22
92585555012	FB-1	Water	01/31/22 15:50	02/01/22 11:22
92585555013	GWC-45	Water	02/01/22 12:55	02/04/22 11:45
92585555014	GWC-45R	Water	02/01/22 10:30	02/04/22 11:45
92585555015	GWC-47	Water	02/01/22 12:03	02/04/22 11:45
92585555016	GWC-47R	Water	02/01/22 10:40	02/04/22 11:45
92585555017	GWC-49Z	Water	02/01/22 12:23	02/04/22 11:45
92585555018	GWC-49R	Water	02/01/22 10:34	02/04/22 11:45
92585555019	DUP-2	Water	02/01/22 00:00	02/04/22 11:45
92585555020	FB-2	Water	02/01/22 15:45	02/04/22 11:45
92585555021	GWA-39RZ	Water	02/02/22 10:16	02/04/22 11:45
92585555022	FB-3	Water	02/02/22 16:04	02/04/22 11:45
92585555023	EB-1	Water	02/02/22 16:08	02/04/22 11:45

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92585555001	GWA-39Z	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92585555002	GWA-40	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92585555003	GWA-41	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
92585555004	GWA-41R	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
92585555005	GWA-42	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
92585555006	GWA-43	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
92585555007	GWA-43R	EPA 6010D	KH	5	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9258555008	GWC-44	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
9258555009	GWC-46R	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
9258555010	GWC-48	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
9258555011	DUP-1	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
9258555012	FB-1	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
9258555013	GWC-45	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9258555014	GWC-45R	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
9258555015	GWC-47	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
9258555016	GWC-47R	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
9258555017	GWC-49Z	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
9258555018	GWC-49R	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
9258555019	DUP-2	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9258555020	FB-2	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
9258555021	GWA-39RZ	EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
9258555022	FB-3	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
9258555023	EB-1	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M

PASI-A = Pace Analytical Services - Asheville
 PASI-C = Pace Analytical Services - Charlotte
 PASI-GA = Pace Analytical Services - Peachtree Corners, GA
 PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
9258555001	GWA-39Z					
	Performed by	CUSTOME			02/06/22 11:28	
		R				
	pH	6.41	Std. Units		02/06/22 11:28	
EPA 6010D	Potassium	1.3	mg/L	0.20	02/14/22 14:43	
EPA 6010D	Sodium	2.4	mg/L	1.0	02/14/22 14:43	
EPA 6010D	Calcium	12.7	mg/L	1.0	02/14/22 14:43	
EPA 6010D	Magnesium	7.0	mg/L	0.050	02/14/22 14:43	
EPA 6020B	Arsenic	0.0021J	mg/L	0.0050	02/12/22 15:55	
EPA 6020B	Barium	0.013	mg/L	0.0050	02/12/22 15:55	
SM 2540C-2015	Total Dissolved Solids	61.0	mg/L	10.0	02/03/22 16:06	
SM 2320B	Alkalinity, Total as CaCO3	60.6	mg/L	5.0	02/08/22 22:40	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	60.6	mg/L	5.0	02/08/22 22:40	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/07/22 01:12	
EPA 300.0 Rev 2.1 1993	Sulfate	1.2	mg/L	1.0	02/07/22 01:12	
9258555002	GWA-40					
	Performed by	CUSTOME			02/06/22 11:29	
		R				
	pH	6.85	Std. Units		02/06/22 11:29	
EPA 6010D	Potassium	0.97	mg/L	0.20	02/14/22 14:48	
EPA 6010D	Sodium	1.4	mg/L	1.0	02/14/22 14:48	
EPA 6010D	Calcium	18.5	mg/L	1.0	02/14/22 14:48	M1
EPA 6010D	Magnesium	10.3	mg/L	0.050	02/14/22 14:48	M1
EPA 6020B	Antimony	0.0014J	mg/L	0.0030	02/12/22 16:19	
EPA 6020B	Barium	0.0081	mg/L	0.0050	02/12/22 16:19	
SM 2540C-2015	Total Dissolved Solids	81.0	mg/L	10.0	02/03/22 16:06	
SM 2320B	Alkalinity, Total as CaCO3	84.2	mg/L	5.0	02/08/22 22:44	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	84.2	mg/L	5.0	02/08/22 22:44	
EPA 300.0 Rev 2.1 1993	Chloride	0.71J	mg/L	1.0	02/07/22 01:27	
EPA 300.0 Rev 2.1 1993	Sulfate	1.2	mg/L	1.0	02/07/22 01:27	
9258555003	GWA-41					
	Performed by	CUSTOME			02/06/22 11:30	
		R				
	pH	6.02	Std. Units		02/06/22 11:30	
EPA 6010D	Potassium	0.56	mg/L	0.20	02/14/22 15:07	
EPA 6010D	Sodium	0.90J	mg/L	1.0	02/14/22 15:07	
EPA 6010D	Calcium	14.5	mg/L	1.0	02/14/22 15:07	
EPA 6010D	Magnesium	7.2	mg/L	0.050	02/14/22 15:07	
EPA 6020B	Barium	0.022	mg/L	0.0050	02/12/22 16:25	
SM 2540C-2015	Total Dissolved Solids	63.0	mg/L	10.0	02/03/22 16:07	
SM 2320B	Alkalinity, Total as CaCO3	66.1	mg/L	5.0	02/08/22 22:58	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	66.1	mg/L	5.0	02/08/22 22:58	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/07/22 01:42	
EPA 300.0 Rev 2.1 1993	Sulfate	1.8	mg/L	1.0	02/07/22 01:42	
9258555004	GWA-41R					
	Performed by	CUSTOME			02/06/22 11:30	
		R				
	pH	6.63	Std. Units		02/06/22 11:30	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
9258555004	GWA-41R					
EPA 6010D	Potassium	2.5	mg/L	0.20	02/14/22 15:23	
EPA 6010D	Calcium	39.3	mg/L	1.0	02/14/22 15:23	
EPA 6010D	Magnesium	20.1	mg/L	0.050	02/14/22 15:23	
EPA 6020B	Antimony	0.0011J	mg/L	0.0030	02/12/22 16:31	
EPA 6020B	Barium	0.031	mg/L	0.0050	02/12/22 16:31	
EPA 6020B	Boron	0.016J	mg/L	0.040	02/12/22 16:31	
EPA 6020B	Copper	0.0028J	mg/L	0.0050	02/12/22 16:31	
EPA 6020B	Nickel	0.00091J	mg/L	0.0050	02/12/22 16:31	
SM 2540C-2015	Total Dissolved Solids	184	mg/L	10.0	02/03/22 16:07	
SM 2320B	Alkalinity, Total as CaCO3	185	mg/L	5.0	02/08/22 23:02	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	185	mg/L	5.0	02/08/22 23:02	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/07/22 01:57	
EPA 300.0 Rev 2.1 1993	Sulfate	8.5	mg/L	1.0	02/07/22 01:57	
9258555005	GWA-42					
	Performed by	CUSTOMER			02/06/22 11:30	
	pH	7.17	Std. Units		02/06/22 11:30	
EPA 6010D	Potassium	0.26	mg/L	0.20	02/14/22 15:27	
EPA 6010D	Sodium	1.8	mg/L	1.0	02/14/22 15:27	
EPA 6010D	Calcium	37.3	mg/L	1.0	02/14/22 15:27	
EPA 6010D	Magnesium	15.2	mg/L	0.050	02/14/22 15:27	
EPA 6020B	Barium	0.0063	mg/L	0.0050	02/12/22 16:49	
EPA 6020B	Beryllium	0.00014J	mg/L	0.00050	02/12/22 16:49	
EPA 6020B	Cadmium	0.00018J	mg/L	0.00050	02/12/22 16:49	
EPA 6020B	Nickel	0.0011J	mg/L	0.0050	02/12/22 16:49	
SM 2540C-2015	Total Dissolved Solids	132	mg/L	10.0	02/03/22 16:07	
SM 2320B	Alkalinity, Total as CaCO3	142	mg/L	5.0	02/08/22 23:07	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	142	mg/L	5.0	02/08/22 23:07	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/07/22 02:12	
EPA 300.0 Rev 2.1 1993	Sulfate	1.1	mg/L	1.0	02/07/22 02:12	
9258555006	GWA-43					
	Performed by	CUSTOMER			02/06/22 11:31	
	pH	5.71	Std. Units		02/06/22 11:31	
EPA 6010D	Potassium	0.31	mg/L	0.20	02/14/22 15:32	
EPA 6010D	Sodium	1.2	mg/L	1.0	02/14/22 15:32	
EPA 6010D	Calcium	2.2	mg/L	1.0	02/14/22 15:32	
EPA 6010D	Magnesium	0.45	mg/L	0.050	02/14/22 15:32	
EPA 6020B	Arsenic	0.0013J	mg/L	0.0050	02/12/22 16:55	
EPA 6020B	Barium	0.014	mg/L	0.0050	02/12/22 16:55	
EPA 6020B	Copper	0.0014J	mg/L	0.0050	02/12/22 16:55	
EPA 6020B	Nickel	0.00077J	mg/L	0.0050	02/12/22 16:55	
SM 2540C-2015	Total Dissolved Solids	25.0	mg/L	10.0	02/03/22 16:07	
SM 2320B	Alkalinity, Total as CaCO3	6.4	mg/L	5.0	02/08/22 23:55	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	6.4	mg/L	5.0	02/08/22 23:55	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/07/22 02:27	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
9258555007	GWA-43R					
	Performed by	CUSTOME			02/06/22 11:31	
		R				
	pH	8.04	Std. Units		02/06/22 11:31	
EPA 6010D	Potassium	0.48	mg/L	0.20	02/14/22 15:37	
EPA 6010D	Sodium	1.2	mg/L	1.0	02/14/22 15:37	
EPA 6010D	Calcium	30.6	mg/L	1.0	02/14/22 15:37	
EPA 6010D	Magnesium	16.9	mg/L	0.050	02/14/22 15:37	
EPA 6020B	Barium	0.0076	mg/L	0.0050	02/12/22 17:01	
EPA 6020B	Boron	0.011J	mg/L	0.040	02/12/22 17:01	
EPA 6020B	Chromium	0.0011J	mg/L	0.0050	02/12/22 17:01	
SM 2540C-2015	Total Dissolved Solids	128	mg/L	10.0	02/03/22 16:07	
SM 2320B	Alkalinity, Total as CaCO3	140	mg/L	5.0	02/08/22 23:15	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	140	mg/L	5.0	02/08/22 23:15	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	02/07/22 02:42	
EPA 300.0 Rev 2.1 1993	Sulfate	2.5	mg/L	1.0	02/07/22 02:42	
9258555008	GWC-44					
	Performed by	CUSTOME			02/06/22 11:31	
		R				
	pH	4.78	Std. Units		02/06/22 11:31	
EPA 6010D	Potassium	1.5	mg/L	0.20	02/14/22 15:42	
EPA 6010D	Sodium	2.5	mg/L	1.0	02/14/22 15:42	
EPA 6010D	Calcium	11.2	mg/L	1.0	02/14/22 15:42	
EPA 6010D	Magnesium	2.0	mg/L	0.050	02/14/22 15:42	
EPA 6020B	Barium	0.047	mg/L	0.0050	02/12/22 17:07	
EPA 6020B	Beryllium	0.000065J	mg/L	0.00050	02/12/22 17:07	
EPA 6020B	Boron	0.015J	mg/L	0.040	02/12/22 17:07	
EPA 6020B	Cobalt	0.0017J	mg/L	0.0050	02/12/22 17:07	
EPA 6020B	Copper	0.00053J	mg/L	0.0050	02/12/22 17:07	
EPA 6020B	Selenium	0.0018J	mg/L	0.0050	02/12/22 17:07	
SM 2540C-2015	Total Dissolved Solids	63.0	mg/L	10.0	02/03/22 16:07	
EPA 300.0 Rev 2.1 1993	Chloride	4.2	mg/L	1.0	02/07/22 03:27	
EPA 300.0 Rev 2.1 1993	Sulfate	29.7	mg/L	1.0	02/07/22 03:27	
9258555009	GWC-46R					
	Performed by	CUSTOME			02/06/22 11:32	
		R				
	pH	7.48	Std. Units		02/06/22 11:32	
EPA 6010D	Potassium	1.6	mg/L	0.20	02/14/22 15:46	
EPA 6010D	Sodium	13.0	mg/L	1.0	02/14/22 15:46	
EPA 6010D	Calcium	39.9	mg/L	1.0	02/14/22 15:46	
EPA 6010D	Magnesium	22.0	mg/L	0.050	02/14/22 15:46	
EPA 6020B	Barium	0.011	mg/L	0.0050	02/12/22 17:13	
EPA 6020B	Chromium	0.0051	mg/L	0.0050	02/12/22 17:13	
SM 2540C-2015	Total Dissolved Solids	197	mg/L	10.0	02/03/22 16:07	
SM 2320B	Alkalinity, Total as CaCO3	212	mg/L	5.0	02/08/22 23:29	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	212	mg/L	5.0	02/08/22 23:29	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	02/07/22 03:42	
EPA 300.0 Rev 2.1 1993	Sulfate	5.2	mg/L	1.0	02/07/22 03:42	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
9258555010	GWC-48					
	Performed by	CUSTOME			02/06/22 11:32	
		R				
	pH	4.86	Std. Units		02/06/22 11:32	
EPA 6010D	Potassium	0.26	mg/L	0.20	02/14/22 15:51	
EPA 6010D	Sodium	4.2	mg/L	1.0	02/14/22 15:51	
EPA 6010D	Calcium	2.8	mg/L	1.0	02/14/22 15:51	
EPA 6010D	Magnesium	0.67	mg/L	0.050	02/14/22 15:51	
EPA 6020B	Barium	0.038	mg/L	0.0050	02/12/22 17:19	
EPA 6020B	Beryllium	0.00036J	mg/L	0.00050	02/12/22 17:19	
EPA 6020B	Cadmium	0.00020J	mg/L	0.00050	02/12/22 17:19	
EPA 6020B	Chromium	0.0020J	mg/L	0.0050	02/12/22 17:19	
EPA 6020B	Cobalt	0.0021J	mg/L	0.0050	02/12/22 17:19	
EPA 6020B	Nickel	0.0052	mg/L	0.0050	02/12/22 17:19	
EPA 7470A	Mercury	0.00039	mg/L	0.00020	02/09/22 17:33	
SM 2540C-2015	Total Dissolved Solids	31.0	mg/L	10.0	02/03/22 16:07	
SM 2320B	Alkalinity, Total as CaCO3	8.1	mg/L	5.0	02/09/22 14:48	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	8.1	mg/L	5.0	02/09/22 14:48	
EPA 300.0 Rev 2.1 1993	Chloride	4.8	mg/L	1.0	02/07/22 03:57	
EPA 300.0 Rev 2.1 1993	Sulfate	1.2	mg/L	1.0	02/07/22 03:57	
9258555011	DUP-1					
EPA 6010D	Potassium	2.7	mg/L	0.20	02/14/22 15:56	
EPA 6010D	Calcium	42.7	mg/L	1.0	02/14/22 15:56	
EPA 6010D	Magnesium	21.6	mg/L	0.050	02/14/22 15:56	
EPA 6020B	Arsenic	0.0012J	mg/L	0.0050	02/14/22 20:27	B
EPA 6020B	Barium	0.029	mg/L	0.0050	02/14/22 20:27	
EPA 6020B	Boron	0.020J	mg/L	0.040	02/14/22 20:27	
EPA 6020B	Copper	0.0028J	mg/L	0.0050	02/14/22 20:27	
EPA 6020B	Nickel	0.00095J	mg/L	0.0050	02/14/22 20:27	
SM 2540C-2015	Total Dissolved Solids	180	mg/L	10.0	02/03/22 16:08	
SM 2320B	Alkalinity, Total as CaCO3	188	mg/L	5.0	02/09/22 14:52	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	188	mg/L	5.0	02/09/22 14:52	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/07/22 04:42	
EPA 300.0 Rev 2.1 1993	Sulfate	8.5	mg/L	1.0	02/07/22 04:42	
9258555012	FB-1					
EPA 6020B	Antimony	0.0014J	mg/L	0.0030	02/14/22 20:50	
9258555013	GWC-45					
	Performed by	CUSTOME			02/07/22 10:38	
		R				
	pH	4.88	Std. Units		02/07/22 10:38	
EPA 6010D	Potassium	0.22	mg/L	0.20	02/14/22 16:34	
EPA 6010D	Sodium	1.6	mg/L	1.0	02/14/22 16:34	
EPA 6010D	Calcium	1.1	mg/L	1.0	02/14/22 16:34	
EPA 6010D	Magnesium	0.65	mg/L	0.050	02/14/22 16:34	
EPA 6020B	Antimony	0.0020J	mg/L	0.0030	02/14/22 21:50	
EPA 6020B	Barium	0.0072	mg/L	0.0050	02/14/22 21:50	
EPA 6020B	Boron	0.019J	mg/L	0.040	02/14/22 21:50	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
9258555013	GWC-45					
EPA 6020B	Cobalt	0.0013J	mg/L	0.0050	02/14/22 21:50	
EPA 6020B	Nickel	0.0011J	mg/L	0.0050	02/14/22 21:50	
SM 2540C-2015	Total Dissolved Solids	70.0	mg/L	10.0	02/07/22 16:44	
SM 2320B	Alkalinity, Total as CaCO3	2.7J	mg/L	5.0	02/09/22 22:15	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	2.7J	mg/L	5.0	02/09/22 22:15	
EPA 300.0 Rev 2.1 1993	Chloride	0.79J	mg/L	1.0	02/11/22 13:42	
9258555014	GWC-45R					
	Performed by	CUSTOME			02/07/22 10:38	
		R				
	pH	7.15	Std. Units		02/07/22 10:38	
EPA 6010D	Potassium	0.82	mg/L	0.20	02/14/22 16:39	
EPA 6010D	Sodium	1.5	mg/L	1.0	02/14/22 16:39	
EPA 6010D	Calcium	43.9	mg/L	1.0	02/14/22 16:39	
EPA 6010D	Magnesium	23.8	mg/L	0.050	02/14/22 16:39	
EPA 6020B	Barium	0.026	mg/L	0.0050	02/14/22 21:56	
EPA 6020B	Boron	0.022J	mg/L	0.040	02/14/22 21:56	
SM 2540C-2015	Total Dissolved Solids	201	mg/L	10.0	02/07/22 16:44	
SM 2320B	Alkalinity, Total as CaCO3	188	mg/L	5.0	02/09/22 21:08	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	188	mg/L	5.0	02/09/22 21:08	
EPA 300.0 Rev 2.1 1993	Chloride	4.3	mg/L	1.0	02/12/22 16:39	M1
EPA 300.0 Rev 2.1 1993	Sulfate	6.1	mg/L	1.0	02/12/22 16:39	M1
9258555015	GWC-47					
	Performed by	CUSTOME			02/07/22 10:38	
		R				
	pH	7.55	Std. Units		02/07/22 10:38	
EPA 6010D	Zinc	0.038	mg/L	0.020	02/14/22 16:44	
EPA 6010D	Potassium	0.55	mg/L	0.20	02/14/22 16:44	
EPA 6010D	Sodium	3.4	mg/L	1.0	02/14/22 16:44	
EPA 6010D	Calcium	21.3	mg/L	1.0	02/14/22 16:44	
EPA 6010D	Magnesium	12.0	mg/L	0.050	02/14/22 16:44	
EPA 6020B	Barium	0.0081	mg/L	0.0050	02/14/22 22:02	
EPA 6020B	Boron	0.011J	mg/L	0.040	02/14/22 22:02	
EPA 6020B	Cadmium	0.00014J	mg/L	0.00050	02/14/22 22:02	
EPA 6020B	Chromium	0.0015J	mg/L	0.0050	02/14/22 22:02	
SM 2540C-2015	Total Dissolved Solids	107	mg/L	10.0	02/07/22 16:45	
SM 2320B	Alkalinity, Total as CaCO3	100	mg/L	5.0	02/09/22 21:14	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	100	mg/L	5.0	02/09/22 21:14	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/12/22 17:21	
EPA 300.0 Rev 2.1 1993	Sulfate	4.3	mg/L	1.0	02/12/22 17:21	
9258555016	GWC-47R					
	Performed by	CUSTOME			02/07/22 10:38	
		R				
	pH	7.54	Std. Units		02/07/22 10:38	
EPA 6010D	Zinc	0.029	mg/L	0.020	02/14/22 22:17	
EPA 6010D	Potassium	1.7	mg/L	0.20	02/14/22 22:17	
EPA 6010D	Sodium	3.6	mg/L	1.0	02/14/22 22:17	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
9258555016	GWC-47R					
EPA 6010D	Calcium	29.4	mg/L	1.0	02/14/22 22:17	
EPA 6010D	Magnesium	14.6	mg/L	0.050	02/14/22 22:17	
EPA 6020B	Antimony	0.0024J	mg/L	0.0030	02/14/22 22:08	
EPA 6020B	Barium	0.0077	mg/L	0.0050	02/14/22 22:08	
EPA 6020B	Boron	0.010J	mg/L	0.040	02/14/22 22:08	
EPA 6020B	Chromium	0.0022J	mg/L	0.0050	02/14/22 22:08	
SM 2540C-2015	Total Dissolved Solids	157	mg/L	10.0	02/07/22 16:45	
SM 2320B	Alkalinity, Total as CaCO3	132	mg/L	5.0	02/09/22 21:18	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	132	mg/L	5.0	02/09/22 21:18	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	02/12/22 17:35	
EPA 300.0 Rev 2.1 1993	Sulfate	9.4	mg/L	1.0	02/12/22 17:35	
9258555017	GWC-49Z					
	Performed by	CUSTOME			02/07/22 10:39	
		R				
	pH	5.00	Std. Units		02/07/22 10:39	
EPA 6010D	Potassium	0.38	mg/L	0.20	02/14/22 22:22	
EPA 6010D	Sodium	2.5	mg/L	1.0	02/14/22 22:22	
EPA 6010D	Calcium	0.62J	mg/L	1.0	02/14/22 22:22	
EPA 6010D	Magnesium	0.29	mg/L	0.050	02/14/22 22:22	
EPA 6020B	Antimony	0.00097J	mg/L	0.0030	02/14/22 22:14	
EPA 6020B	Barium	0.0030J	mg/L	0.0050	02/14/22 22:14	
EPA 6020B	Boron	0.0087J	mg/L	0.040	02/14/22 22:14	
EPA 6020B	Cobalt	0.00066J	mg/L	0.0050	02/14/22 22:14	
EPA 6020B	Nickel	0.0014J	mg/L	0.0050	02/14/22 22:14	
SM 2540C-2015	Total Dissolved Solids	27.0	mg/L	10.0	02/07/22 16:45	
SM 2320B	Alkalinity, Total as CaCO3	3.4J	mg/L	5.0	02/09/22 22:18	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	3.4J	mg/L	5.0	02/09/22 22:18	
EPA 300.0 Rev 2.1 1993	Chloride	0.93J	mg/L	1.0	02/12/22 18:17	
EPA 300.0 Rev 2.1 1993	Sulfate	0.93J	mg/L	1.0	02/12/22 18:17	
9258555018	GWC-49R					
	Performed by	CUSTOME			02/07/22 10:39	
		R				
	pH	7.63	Std. Units		02/07/22 10:39	
EPA 6010D	Potassium	0.78	mg/L	0.20	02/14/22 22:27	
EPA 6010D	Sodium	2.3	mg/L	1.0	02/14/22 22:27	
EPA 6010D	Calcium	26.0	mg/L	1.0	02/14/22 22:27	
EPA 6010D	Magnesium	14.5	mg/L	0.050	02/14/22 22:27	
EPA 6020B	Barium	0.011	mg/L	0.0050	02/14/22 22:20	
SM 2540C-2015	Total Dissolved Solids	125	mg/L	10.0	02/07/22 16:45	
SM 2320B	Alkalinity, Total as CaCO3	121	mg/L	5.0	02/09/22 21:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	121	mg/L	5.0	02/09/22 21:36	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/12/22 18:31	
EPA 300.0 Rev 2.1 1993	Sulfate	2.5	mg/L	1.0	02/12/22 18:31	
9258555019	DUP-2					
EPA 6010D	Potassium	0.73	mg/L	0.20	02/14/22 22:32	
EPA 6010D	Sodium	1.3	mg/L	1.0	02/14/22 22:32	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
9258555019	DUP-2					
EPA 6010D	Calcium	38.8	mg/L	1.0	02/14/22 22:32	
EPA 6010D	Magnesium	21.2	mg/L	0.050	02/14/22 22:32	
EPA 6020B	Barium	0.026	mg/L	0.0050	02/14/22 22:38	
EPA 6020B	Boron	0.013J	mg/L	0.040	02/14/22 22:38	
SM 2540C-2015	Total Dissolved Solids	180	mg/L	10.0	02/07/22 17:20	
SM 2320B	Alkalinity, Total as CaCO3	190	mg/L	5.0	02/09/22 21:42	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	190	mg/L	5.0	02/09/22 21:42	
EPA 300.0 Rev 2.1 1993	Chloride	4.2	mg/L	1.0	02/12/22 18:45	
EPA 300.0 Rev 2.1 1993	Sulfate	6.1	mg/L	1.0	02/12/22 18:45	
9258555021	GWA-39RZ					
	Performed by	CUSTOME			02/07/22 10:39	
		R				
	pH	6.89	Std. Units		02/07/22 10:39	
EPA 6010D	Potassium	0.95	mg/L	0.20	02/14/22 22:41	
EPA 6010D	Sodium	1.4	mg/L	1.0	02/14/22 22:41	
EPA 6010D	Calcium	32.6	mg/L	1.0	02/14/22 22:41	
EPA 6010D	Magnesium	17.1	mg/L	0.050	02/14/22 22:41	
EPA 6020B	Barium	0.013	mg/L	0.0050	02/14/22 22:50	
EPA 6020B	Chromium	0.0012J	mg/L	0.0050	02/14/22 22:50	
SM 2540C-2015	Total Dissolved Solids	143	mg/L	10.0	02/08/22 11:12	
SM 2320B	Alkalinity, Total as CaCO3	146	mg/L	5.0	02/09/22 21:57	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	146	mg/L	5.0	02/09/22 21:57	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/12/22 19:12	
EPA 300.0 Rev 2.1 1993	Sulfate	4.5	mg/L	1.0	02/12/22 19:12	
9258555022	FB-3					
EPA 6020B	Chromium	0.0011J	mg/L	0.0050	02/14/22 23:02	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-39Z **Lab ID: 9258555001** Collected: 01/31/22 13:50 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/06/22 11:28		
pH	6.41	Std. Units			1		02/06/22 11:28		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 14:43	7440-66-6	
Potassium	1.3	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 14:43	7440-09-7	
Sodium	2.4	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 14:43	7440-23-5	
Calcium	12.7	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 14:43	7440-70-2	
Magnesium	7.0	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 14:43	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 15:55	7440-36-0	
Arsenic	0.0021J	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 15:55	7440-38-2	
Barium	0.013	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 15:55	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 15:55	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 15:55	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 15:55	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 15:55	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 15:55	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 15:55	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 15:55	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 15:55	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 15:55	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 15:55	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 14:05	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 15:55	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 16:56	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	61.0	mg/L	10.0	10.0	1		02/03/22 16:06		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	60.6	mg/L	5.0	1.8	1		02/08/22 22:40		
Alkalinity,Bicarbonate (CaCO3)	60.6	mg/L	5.0	1.8	1		02/08/22 22:40		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-39Z **Lab ID: 92585555001** Collected: 01/31/22 13:50 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.0	mg/L	1.0	0.60	1		02/07/22 01:12	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 01:12	16984-48-8	
Sulfate	1.2	mg/L	1.0	0.50	1		02/07/22 01:12	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-40 **Lab ID: 9258555002** Collected: 01/31/22 14:25 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/06/22 11:29		
pH	6.85	Std. Units			1		02/06/22 11:29		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 14:48	7440-66-6	
Potassium	0.97	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 14:48	7440-09-7	
Sodium	1.4	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 14:48	7440-23-5	
Calcium	18.5	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 14:48	7440-70-2	M1
Magnesium	10.3	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 14:48	7439-95-4	M1

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	0.0014J	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 16:19	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:19	7440-38-2	
Barium	0.0081	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 16:19	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 16:19	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 16:19	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 16:19	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:19	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 16:19	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 16:19	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 16:19	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 16:19	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 16:19	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 16:19	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 14:23	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 16:19	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:12	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	81.0	mg/L	10.0	10.0	1		02/03/22 16:06		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	84.2	mg/L	5.0	1.8	1		02/08/22 22:44		
Alkalinity,Bicarbonate (CaCO3)	84.2	mg/L	5.0	1.8	1		02/08/22 22:44		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-40 **Lab ID: 9258555002** Collected: 01/31/22 14:25 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	0.71J	mg/L	1.0	0.60	1		02/07/22 01:27	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 01:27	16984-48-8	
Sulfate	1.2	mg/L	1.0	0.50	1		02/07/22 01:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: GWA-41 **Lab ID: 9258555003** Collected: 01/31/22 12:55 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/06/22 11:30		
pH	6.02	Std. Units			1		02/06/22 11:30		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:07	7440-66-6	
Potassium	0.56	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:07	7440-09-7	
Sodium	0.90J	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:07	7440-23-5	
Calcium	14.5	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:07	7440-70-2	
Magnesium	7.2	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:07	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 16:25	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:25	7440-38-2	
Barium	0.022	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 16:25	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 16:25	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 16:25	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 16:25	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:25	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 16:25	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 16:25	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 16:25	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 16:25	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 16:25	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 16:25	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 14:29	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 16:25	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:15	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	63.0	mg/L	10.0	10.0	1		02/03/22 16:07		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	66.1	mg/L	5.0	1.8	1		02/08/22 22:58		
Alkalinity,Bicarbonate (CaCO3)	66.1	mg/L	5.0	1.8	1		02/08/22 22:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 22:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-41 Lab ID: 92585555003 Collected: 01/31/22 12:55 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.0	mg/L	1.0	0.60	1		02/07/22 01:42	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 01:42	16984-48-8	
Sulfate	1.8	mg/L	1.0	0.50	1		02/07/22 01:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-41R **Lab ID: 9258555004** Collected: 01/31/22 10:45 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/06/22 11:30		
pH	6.63	Std. Units			1		02/06/22 11:30		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:23	7440-66-6	
Potassium	2.5	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:23	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:23	7440-23-5	
Calcium	39.3	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:23	7440-70-2	
Magnesium	20.1	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:23	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	0.0011J	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 16:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:31	7440-38-2	
Barium	0.031	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 16:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 16:31	7440-41-7	
Boron	0.016J	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 16:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 16:31	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 16:31	7440-48-4	
Copper	0.0028J	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 16:31	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 16:31	7439-92-1	
Nickel	0.00091J	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 16:31	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 16:31	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 16:31	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 14:35	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 16:31	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:17	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	184	mg/L	10.0	10.0	1		02/03/22 16:07		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	185	mg/L	5.0	1.8	1		02/08/22 23:02		
Alkalinity,Bicarbonate (CaCO3)	185	mg/L	5.0	1.8	1		02/08/22 23:02		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 23:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-41R Lab ID: 92585555004 Collected: 01/31/22 10:45 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.0	mg/L	1.0	0.60	1		02/07/22 01:57	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 01:57	16984-48-8	
Sulfate	8.5	mg/L	1.0	0.50	1		02/07/22 01:57	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-42 **Lab ID: 9258555005** Collected: 01/31/22 14:48 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/06/22 11:30		
pH	7.17	Std. Units			1		02/06/22 11:30		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:27	7440-66-6	
Potassium	0.26	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:27	7440-09-7	
Sodium	1.8	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:27	7440-23-5	
Calcium	37.3	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:27	7440-70-2	
Magnesium	15.2	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:27	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 16:49	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:49	7440-38-2	
Barium	0.0063	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 16:49	7440-39-3	
Beryllium	0.00014J	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 16:49	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 16:49	7440-42-8	
Cadmium	0.00018J	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 16:49	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:49	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 16:49	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 16:49	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 16:49	7439-92-1	
Nickel	0.0011J	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 16:49	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 16:49	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 16:49	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 14:41	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 16:49	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:20	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	132	mg/L	10.0	10.0	1		02/03/22 16:07		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	142	mg/L	5.0	1.8	1		02/08/22 23:07		
Alkalinity,Bicarbonate (CaCO3)	142	mg/L	5.0	1.8	1		02/08/22 23:07		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 23:07		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-42 Lab ID: 92585555005 Collected: 01/31/22 14:48 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.0	mg/L	1.0	0.60	1		02/07/22 02:12	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 02:12	16984-48-8	
Sulfate	1.1	mg/L	1.0	0.50	1		02/07/22 02:12	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: GWA-43 **Lab ID: 9258555006** Collected: 01/31/22 13:15 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/06/22 11:31		
pH	5.71	Std. Units			1		02/06/22 11:31		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:32	7440-66-6	
Potassium	0.31	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:32	7440-09-7	
Sodium	1.2	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:32	7440-23-5	
Calcium	2.2	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:32	7440-70-2	
Magnesium	0.45	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:32	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 16:55	7440-36-0	
Arsenic	0.0013J	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:55	7440-38-2	
Barium	0.014	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 16:55	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 16:55	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 16:55	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 16:55	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 16:55	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 16:55	7440-48-4	
Copper	0.0014J	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 16:55	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 16:55	7439-92-1	
Nickel	0.00077J	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 16:55	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 16:55	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 16:55	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 14:47	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 16:55	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:23	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	25.0	mg/L	10.0	10.0	1		02/03/22 16:07		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	6.4	mg/L	5.0	1.8	1		02/08/22 23:55		
Alkalinity,Bicarbonate (CaCO3)	6.4	mg/L	5.0	1.8	1		02/08/22 23:55		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 23:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-43 Lab ID: 92585555006 Collected: 01/31/22 13:15 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.1	mg/L	1.0	0.60	1		02/07/22 02:27	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 02:27	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/07/22 02:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: GWA-43R	Lab ID: 9258555007	Collected: 01/31/22 12:05	Received: 02/01/22 11:22	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/06/22 11:31		
pH	8.04	Std. Units			1		02/06/22 11:31		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:37	7440-66-6	
Potassium	0.48	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:37	7440-09-7	
Sodium	1.2	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:37	7440-23-5	
Calcium	30.6	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:37	7440-70-2	
Magnesium	16.9	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:37	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 17:01	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 17:01	7440-38-2	
Barium	0.0076	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 17:01	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 17:01	7440-41-7	
Boron	0.011J	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 17:01	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 17:01	7440-43-9	
Chromium	0.0011J	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 17:01	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 17:01	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 17:01	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 17:01	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 17:01	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 17:01	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 17:01	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 15:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 17:01	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:25	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	128	mg/L	10.0	10.0	1		02/03/22 16:07		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	140	mg/L	5.0	1.8	1		02/08/22 23:15		
Alkalinity,Bicarbonate (CaCO3)	140	mg/L	5.0	1.8	1		02/08/22 23:15		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 23:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-43R **Lab ID: 92585555007** Collected: 01/31/22 12:05 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.7	mg/L	1.0	0.60	1		02/07/22 02:42	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 02:42	16984-48-8	
Sulfate	2.5	mg/L	1.0	0.50	1		02/07/22 02:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: GWC-44	Lab ID: 9258555008	Collected: 01/31/22 15:30	Received: 02/01/22 11:22	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/06/22 11:31		
pH	4.78	Std. Units			1		02/06/22 11:31		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:42	7440-66-6	
Potassium	1.5	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:42	7440-09-7	
Sodium	2.5	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:42	7440-23-5	
Calcium	11.2	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:42	7440-70-2	
Magnesium	2.0	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:42	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 17:07	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 17:07	7440-38-2	
Barium	0.047	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 17:07	7440-39-3	
Beryllium	0.000065J	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 17:07	7440-41-7	
Boron	0.015J	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 17:07	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 17:07	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 17:07	7440-47-3	
Cobalt	0.0017J	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 17:07	7440-48-4	
Copper	0.00053J	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 17:07	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 17:07	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 17:07	7440-02-0	
Selenium	0.0018J	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 17:07	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 17:07	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 15:44	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 17:07	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:28	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	63.0	mg/L	10.0	10.0	1		02/03/22 16:07		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/08/22 23:58		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 23:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 23:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-44 Lab ID: 92585555008 Collected: 01/31/22 15:30 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	4.2	mg/L	1.0	0.60	1		02/07/22 03:27	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 03:27	16984-48-8	
Sulfate	29.7	mg/L	1.0	0.50	1		02/07/22 03:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: GWC-46R		Lab ID: 9258555009		Collected: 01/31/22 15:30	Received: 02/01/22 11:22	Matrix: Water			
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/06/22 11:32		
pH	7.48	Std. Units			1		02/06/22 11:32		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:46	7440-66-6	
Potassium	1.6	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:46	7440-09-7	
Sodium	13.0	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:46	7440-23-5	
Calcium	39.9	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:46	7440-70-2	
Magnesium	22.0	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:46	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 17:13	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 17:13	7440-38-2	
Barium	0.011	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 17:13	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 17:13	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 17:13	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 17:13	7440-43-9	
Chromium	0.0051	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 17:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 17:13	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 17:13	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 17:13	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 17:13	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 17:13	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 17:13	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 15:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 17:13	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:31	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	197	mg/L	10.0	10.0	1		02/03/22 16:07		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	212	mg/L	5.0	1.8	1		02/08/22 23:29		
Alkalinity,Bicarbonate (CaCO3)	212	mg/L	5.0	1.8	1		02/08/22 23:29		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/08/22 23:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-46R **Lab ID: 92585555009** Collected: 01/31/22 15:30 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.7	mg/L	1.0	0.60	1		02/07/22 03:42	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 03:42	16984-48-8	
Sulfate	5.2	mg/L	1.0	0.50	1		02/07/22 03:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: GWC-48 **Lab ID: 9258555010** Collected: 01/31/22 16:14 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/06/22 11:32		
pH	4.86	Std. Units			1		02/06/22 11:32		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:51	7440-66-6	
Potassium	0.26	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:51	7440-09-7	
Sodium	4.2	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:51	7440-23-5	
Calcium	2.8	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:51	7440-70-2	
Magnesium	0.67	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:51	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/12/22 08:26	02/12/22 17:19	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 17:19	7440-38-2	
Barium	0.038	mg/L	0.0050	0.00067	1	02/12/22 08:26	02/12/22 17:19	7440-39-3	
Beryllium	0.00036J	mg/L	0.00050	0.000054	1	02/12/22 08:26	02/12/22 17:19	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/12/22 08:26	02/12/22 17:19	7440-42-8	
Cadmium	0.00020J	mg/L	0.00050	0.00011	1	02/12/22 08:26	02/12/22 17:19	7440-43-9	
Chromium	0.0020J	mg/L	0.0050	0.0011	1	02/12/22 08:26	02/12/22 17:19	7440-47-3	
Cobalt	0.0021J	mg/L	0.0050	0.00039	1	02/12/22 08:26	02/12/22 17:19	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/12/22 08:26	02/12/22 17:19	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/12/22 08:26	02/12/22 17:19	7439-92-1	
Nickel	0.0052	mg/L	0.0050	0.00071	1	02/12/22 08:26	02/12/22 17:19	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/12/22 08:26	02/12/22 17:19	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/12/22 08:26	02/12/22 17:19	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/12/22 08:26	02/14/22 15:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/12/22 08:26	02/12/22 17:19	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	0.00039	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:33	7439-97-6	
---------	----------------	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	31.0	mg/L	10.0	10.0	1		02/03/22 16:07		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	8.1	mg/L	5.0	1.8	1		02/09/22 14:48		
Alkalinity,Bicarbonate (CaCO3)	8.1	mg/L	5.0	1.8	1		02/09/22 14:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 14:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-48 Lab ID: 92585555010 Collected: 01/31/22 16:14 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	4.8	mg/L	1.0	0.60	1		02/07/22 03:57	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 03:57	16984-48-8	
Sulfate	1.2	mg/L	1.0	0.50	1		02/07/22 03:57	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: DUP-1		Lab ID: 9258555011		Collected: 01/31/22 00:00		Received: 02/01/22 11:22		Matrix: Water		
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual	
			Limit	MDL	DF					
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 15:56	7440-66-6		
Potassium	2.7	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 15:56	7440-09-7		
Sodium	ND	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 15:56	7440-23-5		
Calcium	42.7	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 15:56	7440-70-2		
Magnesium	21.6	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 15:56	7439-95-4		
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 20:27	7440-36-0		
Arsenic	0.0012J	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 20:27	7440-38-2	B	
Barium	0.029	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 20:27	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 20:27	7440-41-7		
Boron	0.020J	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 20:27	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 20:27	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 20:27	7440-47-3		
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 20:27	7440-48-4		
Copper	0.0028J	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 20:27	7440-50-8		
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 20:27	7439-92-1		
Nickel	0.00095J	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 20:27	7440-02-0		
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 20:27	7782-49-2		
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 20:27	7440-22-4		
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 20:27	7440-28-0		
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/14/22 20:27	7440-62-2		
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:36	7439-97-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	180	mg/L	10.0	10.0	1		02/03/22 16:08			
2320B Alkalinity		Analytical Method: SM 2320B Pace Analytical Services - Minneapolis								
Alkalinity, Total as CaCO3	188	mg/L	5.0	1.8	1		02/09/22 14:52			
Alkalinity,Bicarbonate (CaCO3)	188	mg/L	5.0	1.8	1		02/09/22 14:52			
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 14:52			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	1.1	mg/L	1.0	0.60	1		02/07/22 04:42	16887-00-6		
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 04:42	16984-48-8		
Sulfate	8.5	mg/L	1.0	0.50	1		02/07/22 04:42	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: FB-1 **Lab ID: 9258555012** Collected: 01/31/22 15:50 Received: 02/01/22 11:22 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 16:01	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 16:01	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 16:01	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 16:01	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 16:01	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	0.0014J	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 20:50	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 20:50	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 20:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 20:50	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 20:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 20:50	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 20:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 20:50	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 20:50	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 20:50	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 20:50	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 20:50	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 20:50	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 20:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/14/22 20:50	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:44	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/03/22 16:08		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/09/22 14:58		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 14:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 14:58		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/07/22 04:56	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/07/22 04:56	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/07/22 04:56	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: GWC-45	Lab ID: 92585555013	Collected: 02/01/22 12:55	Received: 02/04/22 11:45	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 10:38		
pH	4.88	Std. Units			1		02/07/22 10:38		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 16:34	7440-66-6	
Potassium	0.22	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 16:34	7440-09-7	
Sodium	1.6	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 16:34	7440-23-5	
Calcium	1.1	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 16:34	7440-70-2	
Magnesium	0.65	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 16:34	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	0.0020J	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 21:50	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 21:50	7440-38-2	
Barium	0.0072	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 21:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 21:50	7440-41-7	
Boron	0.019J	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 21:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 21:50	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 21:50	7440-47-3	
Cobalt	0.0013J	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 21:50	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 21:50	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 21:50	7439-92-1	
Nickel	0.0011J	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 21:50	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 21:50	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 21:50	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 21:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 14:53	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:46	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	70.0	mg/L	10.0	10.0	1		02/07/22 16:44		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	2.7J	mg/L	5.0	1.8	1		02/09/22 22:15		
Alkalinity,Bicarbonate (CaCO3)	2.7J	mg/L	5.0	1.8	1		02/09/22 22:15		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 22:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-45 Lab ID: 92585555013 Collected: 02/01/22 12:55 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.79J	mg/L	1.0	0.60	1		02/11/22 13:42	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/11/22 13:42	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/11/22 13:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-45R **Lab ID: 9258555014** Collected: 02/01/22 10:30 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:38		
pH	7.15	Std. Units			1		02/07/22 10:38		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 16:39	7440-66-6	
Potassium	0.82	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 16:39	7440-09-7	
Sodium	1.5	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 16:39	7440-23-5	
Calcium	43.9	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 16:39	7440-70-2	
Magnesium	23.8	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 16:39	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 21:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 21:56	7440-38-2	
Barium	0.026	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 21:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 21:56	7440-41-7	
Boron	0.022J	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 21:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 21:56	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 21:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 21:56	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 21:56	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 21:56	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 21:56	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 21:56	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 21:56	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 21:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 14:59	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:49	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	201	mg/L	10.0	10.0	1		02/07/22 16:44		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	188	mg/L	5.0	1.8	1		02/09/22 21:08		
Alkalinity,Bicarbonate (CaCO3)	188	mg/L	5.0	1.8	1		02/09/22 21:08		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 21:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-45R Lab ID: 92585555014 Collected: 02/01/22 10:30 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	4.3	mg/L	1.0	0.60	1		02/12/22 16:39	16887-00-6	M1
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 16:39	16984-48-8	M1
Sulfate	6.1	mg/L	1.0	0.50	1		02/12/22 16:39	14808-79-8	M1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-47 **Lab ID: 9258555015** Collected: 02/01/22 12:03 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:38		
pH	7.55	Std. Units			1		02/07/22 10:38		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	0.038	mg/L	0.020	0.0085	1	02/14/22 09:41	02/14/22 16:44	7440-66-6	
Potassium	0.55	mg/L	0.20	0.15	1	02/14/22 09:41	02/14/22 16:44	7440-09-7	
Sodium	3.4	mg/L	1.0	0.58	1	02/14/22 09:41	02/14/22 16:44	7440-23-5	
Calcium	21.3	mg/L	1.0	0.12	1	02/14/22 09:41	02/14/22 16:44	7440-70-2	
Magnesium	12.0	mg/L	0.050	0.012	1	02/14/22 09:41	02/14/22 16:44	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 22:02	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:02	7440-38-2	
Barium	0.0081	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 22:02	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 22:02	7440-41-7	
Boron	0.011J	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 22:02	7440-42-8	
Cadmium	0.00014J	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 22:02	7440-43-9	
Chromium	0.0015J	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 22:02	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 22:02	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 22:02	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 22:02	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 22:02	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 22:02	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 22:02	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 15:05	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:52	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	107	mg/L	10.0	10.0	1		02/07/22 16:45		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	100	mg/L	5.0	1.8	1		02/09/22 21:14		
Alkalinity,Bicarbonate (CaCO3)	100	mg/L	5.0	1.8	1		02/09/22 21:14		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 21:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: **GWC-47** Lab ID: **92585555015** Collected: 02/01/22 12:03 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.0	mg/L	1.0	0.60	1		02/12/22 17:21	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 17:21	16984-48-8	
Sulfate	4.3	mg/L	1.0	0.50	1		02/12/22 17:21	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-47R **Lab ID: 9258555016** Collected: 02/01/22 10:40 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:38		
pH	7.54	Std. Units			1		02/07/22 10:38		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	0.029	mg/L	0.020	0.0085	1	02/14/22 13:18	02/14/22 22:17	7440-66-6	
Potassium	1.7	mg/L	0.20	0.15	1	02/14/22 13:18	02/14/22 22:17	7440-09-7	
Sodium	3.6	mg/L	1.0	0.58	1	02/14/22 13:18	02/14/22 22:17	7440-23-5	
Calcium	29.4	mg/L	1.0	0.12	1	02/14/22 13:18	02/14/22 22:17	7440-70-2	
Magnesium	14.6	mg/L	0.050	0.012	1	02/14/22 13:18	02/14/22 22:17	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	0.0024J	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 22:08	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:08	7440-38-2	
Barium	0.0077	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 22:08	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 22:08	7440-41-7	
Boron	0.010J	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 22:08	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 22:08	7440-43-9	
Chromium	0.0022J	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 22:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 22:08	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 22:08	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 22:08	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 22:08	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 22:08	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 22:08	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 15:11	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:54	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	157	mg/L	10.0	10.0	1		02/07/22 16:45		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	132	mg/L	5.0	1.8	1		02/09/22 21:18		
Alkalinity,Bicarbonate (CaCO3)	132	mg/L	5.0	1.8	1		02/09/22 21:18		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 21:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-47R **Lab ID: 9258555016** Collected: 02/01/22 10:40 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.3	mg/L	1.0	0.60	1		02/12/22 17:35	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 17:35	16984-48-8	
Sulfate	9.4	mg/L	1.0	0.50	1		02/12/22 17:35	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-49Z **Lab ID: 9258555017** Collected: 02/01/22 12:23 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:39		
pH	5.00	Std. Units			1		02/07/22 10:39		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 13:18	02/14/22 22:22	7440-66-6	
Potassium	0.38	mg/L	0.20	0.15	1	02/14/22 13:18	02/14/22 22:22	7440-09-7	
Sodium	2.5	mg/L	1.0	0.58	1	02/14/22 13:18	02/14/22 22:22	7440-23-5	
Calcium	0.62J	mg/L	1.0	0.12	1	02/14/22 13:18	02/14/22 22:22	7440-70-2	
Magnesium	0.29	mg/L	0.050	0.012	1	02/14/22 13:18	02/14/22 22:22	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	0.00097J	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 22:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:14	7440-38-2	
Barium	0.0030J	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 22:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 22:14	7440-41-7	
Boron	0.0087J	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 22:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 22:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:14	7440-47-3	
Cobalt	0.00066J	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 22:14	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 22:14	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 22:14	7439-92-1	
Nickel	0.0014J	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 22:14	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 22:14	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 22:14	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 22:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 15:17	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:57	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	27.0	mg/L	10.0	10.0	1		02/07/22 16:45		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	3.4J	mg/L	5.0	1.8	1		02/09/22 22:18		
Alkalinity,Bicarbonate (CaCO3)	3.4J	mg/L	5.0	1.8	1		02/09/22 22:18		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 22:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-49Z **Lab ID: 92585555017** Collected: 02/01/22 12:23 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	0.93J	mg/L	1.0	0.60	1		02/12/22 18:17	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 18:17	16984-48-8	
Sulfate	0.93J	mg/L	1.0	0.50	1		02/12/22 18:17	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-49R **Lab ID: 9258555018** Collected: 02/01/22 10:34 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:39		
pH	7.63	Std. Units			1		02/07/22 10:39		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 13:18	02/14/22 22:27	7440-66-6	
Potassium	0.78	mg/L	0.20	0.15	1	02/14/22 13:18	02/14/22 22:27	7440-09-7	
Sodium	2.3	mg/L	1.0	0.58	1	02/14/22 13:18	02/14/22 22:27	7440-23-5	
Calcium	26.0	mg/L	1.0	0.12	1	02/14/22 13:18	02/14/22 22:27	7440-70-2	
Magnesium	14.5	mg/L	0.050	0.012	1	02/14/22 13:18	02/14/22 22:27	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 22:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:20	7440-38-2	
Barium	0.011	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 22:20	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 22:20	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 22:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 22:20	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 22:20	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 22:20	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 22:20	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 22:20	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 22:20	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 22:20	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 22:20	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 15:23	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 17:59	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	125	mg/L	10.0	10.0	1		02/07/22 16:45		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	121	mg/L	5.0	1.8	1		02/09/22 21:36		
Alkalinity,Bicarbonate (CaCO3)	121	mg/L	5.0	1.8	1		02/09/22 21:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 21:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWC-49R Lab ID: 9258555018 Collected: 02/01/22 10:34 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.1	mg/L	1.0	0.60	1		02/12/22 18:31	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 18:31	16984-48-8	
Sulfate	2.5	mg/L	1.0	0.50	1		02/12/22 18:31	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: DUP-2	Lab ID: 9258555019		Collected: 02/01/22 00:00	Received: 02/04/22 11:45	Matrix: Water				
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 13:18	02/14/22 22:32	7440-66-6	
Potassium	0.73	mg/L	0.20	0.15	1	02/14/22 13:18	02/14/22 22:32	7440-09-7	
Sodium	1.3	mg/L	1.0	0.58	1	02/14/22 13:18	02/14/22 22:32	7440-23-5	
Calcium	38.8	mg/L	1.0	0.12	1	02/14/22 13:18	02/14/22 22:32	7440-70-2	
Magnesium	21.2	mg/L	0.050	0.012	1	02/14/22 13:18	02/14/22 22:32	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 22:38	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:38	7440-38-2	
Barium	0.026	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 22:38	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 22:38	7440-41-7	
Boron	0.013J	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 22:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 22:38	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:38	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 22:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 22:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 22:38	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 22:38	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 22:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 22:38	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 22:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 15:29	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 18:02	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	180	mg/L	10.0	10.0	1		02/07/22 17:20		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	190	mg/L	5.0	1.8	1		02/09/22 21:42		
Alkalinity,Bicarbonate (CaCO3)	190	mg/L	5.0	1.8	1		02/09/22 21:42		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 21:42		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	4.2	mg/L	1.0	0.60	1		02/12/22 18:45	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 18:45	16984-48-8	
Sulfate	6.1	mg/L	1.0	0.50	1		02/12/22 18:45	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: FB-2 **Lab ID: 9258555020** Collected: 02/01/22 15:45 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 13:18	02/14/22 22:36	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/14/22 13:18	02/14/22 22:36	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/14/22 13:18	02/14/22 22:36	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/14/22 13:18	02/14/22 22:36	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/14/22 13:18	02/14/22 22:36	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 22:44	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:44	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 22:44	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 22:44	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 22:44	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 22:44	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:44	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 22:44	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 22:44	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 22:44	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 22:44	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 22:44	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 22:44	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 22:44	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 15:35	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 12:00	02/09/22 18:05	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/07/22 17:20		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/09/22 21:48		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 21:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 21:48		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/12/22 18:59	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 18:59	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/12/22 18:59	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: GWA-39RZ		Lab ID: 9258555021		Collected: 02/02/22 10:16		Received: 02/04/22 11:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 10:39		
pH	6.89	Std. Units			1		02/07/22 10:39		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 13:18	02/14/22 22:41	7440-66-6	
Potassium	0.95	mg/L	0.20	0.15	1	02/14/22 13:18	02/14/22 22:41	7440-09-7	
Sodium	1.4	mg/L	1.0	0.58	1	02/14/22 13:18	02/14/22 22:41	7440-23-5	
Calcium	32.6	mg/L	1.0	0.12	1	02/14/22 13:18	02/14/22 22:41	7440-70-2	
Magnesium	17.1	mg/L	0.050	0.012	1	02/14/22 13:18	02/14/22 22:41	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 22:50	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:50	7440-38-2	
Barium	0.013	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 22:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 22:50	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 22:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 22:50	7440-43-9	
Chromium	0.0012J	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 22:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 22:50	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 22:50	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 22:50	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 22:50	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 22:50	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 22:50	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 22:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 16:04	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 13:30	02/09/22 19:21	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	143	mg/L	10.0	10.0	1		02/08/22 11:12		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	146	mg/L	5.0	1.8	1		02/09/22 21:57		
Alkalinity,Bicarbonate (CaCO3)	146	mg/L	5.0	1.8	1		02/09/22 21:57		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 21:57		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Sample: GWA-39RZ **Lab ID: 9258555021** Collected: 02/02/22 10:16 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.5	mg/L	1.0	0.60	1		02/12/22 19:12	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 19:12	16984-48-8	
Sulfate	4.5	mg/L	1.0	0.50	1		02/12/22 19:12	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: FB-3 **Lab ID: 9258555022** Collected: 02/02/22 16:04 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 13:18	02/14/22 22:55	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/14/22 13:18	02/14/22 22:55	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/14/22 13:18	02/14/22 22:55	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/14/22 13:18	02/14/22 22:55	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/14/22 13:18	02/14/22 22:55	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 23:02	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 23:02	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 23:02	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 23:02	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 23:02	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 23:02	7440-43-9	
Chromium	0.0011J	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 23:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 23:02	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 23:02	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 23:02	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 23:02	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 23:02	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 23:02	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 23:02	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 16:10	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 13:30	02/09/22 19:23	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/08/22 11:12		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/09/22 22:03		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 22:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 22:03		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/12/22 19:26	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 19:26	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/12/22 19:26	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Sample: EB-1 **Lab ID: 9258555023** Collected: 02/02/22 16:08 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/14/22 13:18	02/14/22 23:00	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/14/22 13:18	02/14/22 23:00	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/14/22 13:18	02/14/22 23:00	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/14/22 13:18	02/14/22 23:00	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/14/22 13:18	02/14/22 23:00	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/14/22 08:52	02/14/22 23:08	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 23:08	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/14/22 08:52	02/14/22 23:08	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/14/22 08:52	02/14/22 23:08	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/14/22 08:52	02/14/22 23:08	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/14/22 08:52	02/14/22 23:08	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/14/22 08:52	02/14/22 23:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/14/22 08:52	02/14/22 23:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/14/22 08:52	02/14/22 23:08	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/14/22 08:52	02/14/22 23:08	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/14/22 08:52	02/14/22 23:08	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/14/22 08:52	02/14/22 23:08	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/14/22 08:52	02/14/22 23:08	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/14/22 08:52	02/14/22 23:08	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/14/22 08:52	02/15/22 16:16	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/09/22 13:30	02/09/22 19:26	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/08/22 11:12		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/09/22 22:07		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 22:07		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/09/22 22:07		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/12/22 19:40	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 19:40	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/12/22 19:40	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

QC Batch: 678031 Analysis Method: EPA 6010D
 QC Batch Method: EPA 3010A Analysis Description: 6010D ATL
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010, 92585555011, 92585555012, 92585555013, 92585555014, 92585555015

METHOD BLANK: 3548482 Matrix: Water
 Associated Lab Samples: 92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010, 92585555011, 92585555012, 92585555013, 92585555014, 92585555015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	02/14/22 14:33	
Magnesium	mg/L	ND	0.050	0.012	02/14/22 14:33	
Potassium	mg/L	ND	0.20	0.15	02/14/22 14:33	
Sodium	mg/L	ND	1.0	0.58	02/14/22 14:33	
Zinc	mg/L	ND	0.020	0.0085	02/14/22 14:33	

LABORATORY CONTROL SAMPLE: 3548483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.0	103	80-120	
Magnesium	mg/L	1	1.1	107	80-120	
Potassium	mg/L	1	0.98	98	80-120	
Sodium	mg/L	1	1.0	101	80-120	
Zinc	mg/L	1	1.1	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3548484 3548485

Parameter	Units	3548484		3548485		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Calcium	mg/L	18.5	1	18.5	18.3	1	-16	75-125	1	20	M1
Magnesium	mg/L	10.3	1	10.9	10.8	62	52	75-125	1	20	M1
Potassium	mg/L	0.97	1	2.0	2.0	101	104	75-125	1	20	
Sodium	mg/L	1.4	1	2.4	2.4	101	99	75-125	1	20	
Zinc	mg/L	ND	1	1.0	1.0	104	104	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

QC Batch:	678103	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010D ATL
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples:	92585555016, 92585555017, 92585555018, 92585555019, 92585555020, 92585555021, 92585555022, 92585555023		

METHOD BLANK:	3548893	Matrix:	Water
Associated Lab Samples:	92585555016, 92585555017, 92585555018, 92585555019, 92585555020, 92585555021, 92585555022, 92585555023		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	02/14/22 20:41	
Magnesium	mg/L	ND	0.050	0.012	02/14/22 20:41	
Potassium	mg/L	ND	0.20	0.15	02/14/22 20:41	
Sodium	mg/L	ND	1.0	0.58	02/14/22 20:41	
Zinc	mg/L	ND	0.020	0.0085	02/14/22 20:41	

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	0.92J	92	80-120	
Magnesium	mg/L	1	0.97	97	80-120	
Potassium	mg/L	1	0.94	94	80-120	
Sodium	mg/L	1	0.90J	90	80-120	
Zinc	mg/L	1	0.95	95	80-120	

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92585920002	Result	Spike Conc.	Spike Conc.						
Calcium	mg/L	17.2	1	1	17.4	18.9	28	177	75-125	8	20 M1
Magnesium	mg/L	3.1	1	1	3.9	4.2	80	111	75-125	8	20
Potassium	mg/L	2.5	1	1	3.3	3.6	82	113	75-125	9	20
Sodium	mg/L	14.4	1	1	14.7	16.0	33	163	75-125	8	20 M1
Zinc	mg/L	ND	1	1	0.96	0.98	96	98	75-125	2	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

QC Batch: 677804 Analysis Method: EPA 6020B
 QC Batch Method: EPA 3005A Analysis Description: 6020 MET
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010

METHOD BLANK: 3547662 Matrix: Water
 Associated Lab Samples: 92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	02/12/22 15:37	
Arsenic	mg/L	ND	0.0050	0.0011	02/12/22 15:37	
Barium	mg/L	ND	0.0050	0.00067	02/12/22 15:37	
Beryllium	mg/L	ND	0.00050	0.000054	02/12/22 15:37	
Boron	mg/L	ND	0.040	0.0086	02/12/22 15:37	
Cadmium	mg/L	ND	0.00050	0.00011	02/12/22 15:37	
Chromium	mg/L	ND	0.0050	0.0011	02/12/22 15:37	
Cobalt	mg/L	ND	0.0050	0.00039	02/12/22 15:37	
Copper	mg/L	ND	0.0050	0.00050	02/12/22 15:37	
Lead	mg/L	ND	0.0010	0.00089	02/12/22 15:37	
Nickel	mg/L	ND	0.0050	0.00071	02/12/22 15:37	
Selenium	mg/L	ND	0.0050	0.0014	02/12/22 15:37	
Silver	mg/L	ND	0.0050	0.00044	02/12/22 15:37	
Thallium	mg/L	ND	0.0010	0.00018	02/14/22 13:53	
Vanadium	mg/L	ND	0.010	0.0019	02/12/22 15:37	

LABORATORY CONTROL SAMPLE: 3547663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	112	80-120	
Arsenic	mg/L	0.1	0.11	106	80-120	
Barium	mg/L	0.1	0.10	105	80-120	
Beryllium	mg/L	0.1	0.11	109	80-120	
Boron	mg/L	1	1.1	113	80-120	
Cadmium	mg/L	0.1	0.10	103	80-120	
Chromium	mg/L	0.1	0.10	103	80-120	
Cobalt	mg/L	0.1	0.10	100	80-120	
Copper	mg/L	0.1	0.10	101	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Nickel	mg/L	0.1	0.10	104	80-120	
Selenium	mg/L	0.1	0.10	103	80-120	
Silver	mg/L	0.1	0.11	107	80-120	
Thallium	mg/L	0.1	0.10	105	80-120	
Vanadium	mg/L	0.1	0.10	103	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547664 3547665												
Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		92585555001	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	112	106	75-125	6	20	
Arsenic	mg/L	0.0021J	0.1	0.1	0.11	0.10	104	100	75-125	3	20	
Barium	mg/L	0.013	0.1	0.1	0.12	0.12	109	102	75-125	6	20	
Beryllium	mg/L	ND	0.1	0.1	0.11	0.11	111	109	75-125	2	20	
Boron	mg/L	ND	1	1	1.1	1.1	109	111	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.094	101	94	75-125	7	20	
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	104	101	75-125	3	20	
Cobalt	mg/L	ND	0.1	0.1	0.099	0.097	99	97	75-125	2	20	
Copper	mg/L	ND	0.1	0.1	0.10	0.097	101	97	75-125	4	20	
Lead	mg/L	ND	0.1	0.1	0.11	0.10	107	100	75-125	6	20	
Nickel	mg/L	ND	0.1	0.1	0.10	0.10	104	102	75-125	3	20	
Selenium	mg/L	ND	0.1	0.1	0.099	0.098	99	98	75-125	2	20	
Silver	mg/L	ND	0.1	0.1	0.11	0.10	108	103	75-125	5	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.10	103	104	75-125	2	20	
Vanadium	mg/L	ND	0.1	0.1	0.11	0.10	105	102	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

QC Batch:	678016	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92585555011, 92585555012, 92585555013, 92585555014, 92585555015, 92585555016, 92585555017, 92585555018, 92585555019, 92585555020, 92585555021, 92585555022, 92585555023

METHOD BLANK: 3548415 Matrix: Water

Associated Lab Samples: 92585555011, 92585555012, 92585555013, 92585555014, 92585555015, 92585555016, 92585555017, 92585555018, 92585555019, 92585555020, 92585555021, 92585555022, 92585555023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	02/14/22 20:15	
Arsenic	mg/L	0.0018J	0.0050	0.0011	02/14/22 20:15	
Barium	mg/L	ND	0.0050	0.00067	02/14/22 20:15	
Beryllium	mg/L	ND	0.00050	0.000054	02/14/22 20:15	
Boron	mg/L	ND	0.040	0.0086	02/14/22 20:15	
Cadmium	mg/L	ND	0.00050	0.00011	02/14/22 20:15	
Chromium	mg/L	ND	0.0050	0.0011	02/14/22 20:15	
Cobalt	mg/L	ND	0.0050	0.00039	02/14/22 20:15	
Copper	mg/L	ND	0.0050	0.00050	02/14/22 20:15	
Lead	mg/L	ND	0.0010	0.00089	02/14/22 20:15	
Nickel	mg/L	ND	0.0050	0.00071	02/14/22 20:15	
Selenium	mg/L	ND	0.0050	0.0014	02/14/22 20:15	
Silver	mg/L	ND	0.0050	0.00044	02/14/22 20:15	
Thallium	mg/L	ND	0.0010	0.00018	02/14/22 20:15	
Vanadium	mg/L	ND	0.010	0.0019	02/14/22 20:15	

LABORATORY CONTROL SAMPLE: 3548416

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	110	80-120	
Arsenic	mg/L	0.1	0.10	102	80-120	
Barium	mg/L	0.1	0.10	104	80-120	
Beryllium	mg/L	0.1	0.10	102	80-120	
Boron	mg/L	1	1.0	100	80-120	
Cadmium	mg/L	0.1	0.11	105	80-120	
Chromium	mg/L	0.1	0.10	101	80-120	
Cobalt	mg/L	0.1	0.095	95	80-120	
Copper	mg/L	0.1	0.094	94	80-120	
Lead	mg/L	0.1	0.10	101	80-120	
Nickel	mg/L	0.1	0.097	97	80-120	
Selenium	mg/L	0.1	0.098	98	80-120	
Silver	mg/L	0.1	0.10	102	80-120	
Thallium	mg/L	0.1	0.10	100	80-120	
Vanadium	mg/L	0.1	0.10	100	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Parameter	Units	3548417		3548418		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	107	111	75-125	3	20	
Arsenic	mg/L	0.0012J	0.1	0.1	0.10	0.10	99	99	75-125	0	20	
Barium	mg/L	0.029	0.1	0.1	0.14	0.15	112	117	75-125	4	20	
Beryllium	mg/L	ND	0.1	0.1	0.096	0.10	96	100	75-125	4	20	
Boron	mg/L	0.020J	1	1	0.97	1.0	95	98	75-125	4	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.11	102	105	75-125	3	20	
Chromium	mg/L	ND	0.1	0.1	0.099	0.10	98	99	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.096	0.098	95	97	75-125	2	20	
Copper	mg/L	0.0028J	0.1	0.1	0.096	0.099	93	96	75-125	3	20	
Lead	mg/L	ND	0.1	0.1	0.097	0.10	97	100	75-125	3	20	
Nickel	mg/L	0.00095J	0.1	0.1	0.096	0.10	95	100	75-125	4	20	
Selenium	mg/L	ND	0.1	0.1	0.098	0.097	98	97	75-125	0	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.10	98	101	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.10	97	100	75-125	3	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	99	100	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

QC Batch:	677026	Analysis Method:	EPA 7470A
QC Batch Method:	EPA 7470A	Analysis Description:	7470 Mercury
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples:	92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010, 92585555011, 92585555012, 92585555013, 92585555014, 92585555015, 92585555016, 92585555017, 92585555018, 92585555019, 92585555020		

METHOD BLANK:	3543220	Matrix:	Water
Associated Lab Samples:	92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010, 92585555011, 92585555012, 92585555013, 92585555014, 92585555015, 92585555016, 92585555017, 92585555018, 92585555019, 92585555020		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/09/22 16:51	

LABORATORY CONTROL SAMPLE:	3543221					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0023	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	3543222			3543223								
Parameter	Units	92585555001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0024	0.0024	96	95	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

QC Batch: 677028	Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A	Analysis Description: 7470 Mercury
	Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92585555021, 92585555022, 92585555023

METHOD BLANK: 3543231 Matrix: Water
 Associated Lab Samples: 92585555021, 92585555022, 92585555023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/09/22 18:07	

LABORATORY CONTROL SAMPLE: 3543232

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0022	87	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3543233 3543234

Parameter	Units	92585920002		3543234		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Mercury	mg/L	ND	0.0025	0.0025	0.0020	0.0021	79	83	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

QC Batch: 675815 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010, 92585555011, 92585555012

METHOD BLANK: 3537021 Matrix: Water
 Associated Lab Samples: 92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010, 92585555011, 92585555012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/03/22 16:05	

LABORATORY CONTROL SAMPLE: 3537022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	377	94	80-120	

SAMPLE DUPLICATE: 3537023

Parameter	Units	92585881002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	62.0	62.0	0	25	

SAMPLE DUPLICATE: 3537024

Parameter	Units	92585555008 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	63.0	62.0	2	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

QC Batch: 676438 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585555013, 92585555014, 92585555015, 92585555016, 92585555017, 92585555018

METHOD BLANK: 3540515 Matrix: Water
 Associated Lab Samples: 92585555013, 92585555014, 92585555015, 92585555016, 92585555017, 92585555018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/07/22 16:40	

LABORATORY CONTROL SAMPLE: 3540516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	375	94	80-120	

SAMPLE DUPLICATE: 3540517

Parameter	Units	92585561006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	256	265	3	25	

SAMPLE DUPLICATE: 3540518

Parameter	Units	92586342009 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	156	171	9	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

QC Batch: 676439 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92585555019, 92585555020

METHOD BLANK: 3540519 Matrix: Water
 Associated Lab Samples: 92585555019, 92585555020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/07/22 17:19	

LABORATORY CONTROL SAMPLE: 3540520

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	374	94	80-120	

SAMPLE DUPLICATE: 3540521

Parameter	Units	92585555019 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	180	181	1	25	

SAMPLE DUPLICATE: 3540522

Parameter	Units	92585920011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	96.0	94.0	2	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

QC Batch:	797866	Analysis Method:	SM 2320B
QC Batch Method:	SM 2320B	Analysis Description:	2320B Alkalinity
		Laboratory:	Pace Analytical Services - Minneapolis

Associated Lab Samples: 92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009

METHOD BLANK:	4239372	Matrix:	Water
---------------	---------	---------	-------

Associated Lab Samples: 92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/08/22 21:36	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/08/22 21:36	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/08/22 21:36	

LABORATORY CONTROL SAMPLE & LCSD:		4239373		4239374							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Alkalinity, Total as CaCO3	mg/L	40	41.8	41.3	104	103	90-110	1	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		4239375		4239376									
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10596751001 Result	Spike Conc.	Spike Conc.									
Alkalinity, Total as CaCO3	mg/L	22.6	40	40	40	53.6	59.6	78	93	80-120	10	20	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		4239377		4239378									
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92585555002 Result	Spike Conc.	Spike Conc.									
Alkalinity, Total as CaCO3	mg/L	84.2	40	40	40	121	124	92	100	80-120	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

QC Batch:	798025	Analysis Method:	SM 2320B
QC Batch Method:	SM 2320B	Analysis Description:	2320B Alkalinity
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples:	92585555010, 92585555011, 92585555012		

METHOD BLANK: 4240244 Matrix: Water
 Associated Lab Samples: 92585555010, 92585555011, 92585555012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/09/22 14:38	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/09/22 14:38	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/09/22 14:38	

LABORATORY CONTROL SAMPLE & LCSD: 4240245 4240246

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	41.9	41.9	105	105	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4240247 4240248

Parameter	Units	92585555010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	8.1	40	40	50.3	51.8	106	109	80-120	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4240249 4240250

Parameter	Units	10596970001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	21.0	40	40	60.5	60.8	99	99	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

QC Batch: 798068 Analysis Method: SM 2320B
 QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
 Laboratory: Pace Analytical Services - Minneapolis
 Associated Lab Samples: 92585555013, 92585555014, 92585555015, 92585555016, 92585555017, 92585555018, 92585555019, 92585555020, 92585555021, 92585555022, 92585555023

METHOD BLANK: 4240572 Matrix: Water
 Associated Lab Samples: 92585555013, 92585555014, 92585555015, 92585555016, 92585555017, 92585555018, 92585555019, 92585555020, 92585555021, 92585555022, 92585555023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/09/22 16:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/09/22 16:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/09/22 16:51	

LABORATORY CONTROL SAMPLE & LCSD: 4240573 4240574

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	42.2	42.1	105	105	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4240575 4240576

Parameter	Units	10596353002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	127	40	40	167	167	100	100	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4240827 4240828

Parameter	Units	92585555016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	132	40	40	172	171	100	97	80-120	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

QC Batch:	676332	Analysis Method:	EPA 300.0 Rev 2.1 1993
QC Batch Method:	EPA 300.0 Rev 2.1 1993	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010, 92585555011, 92585555012		

METHOD BLANK:	3540061	Matrix:	Water
Associated Lab Samples:	92585555001, 92585555002, 92585555003, 92585555004, 92585555005, 92585555006, 92585555007, 92585555008, 92585555009, 92585555010, 92585555011, 92585555012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/06/22 23:27	
Fluoride	mg/L	ND	0.10	0.050	02/06/22 23:27	
Sulfate	mg/L	ND	1.0	0.50	02/06/22 23:27	

LABORATORY CONTROL SAMPLE: 3540062						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.3	95	90-110	
Fluoride	mg/L	2.5	2.3	92	90-110	
Sulfate	mg/L	50	45.8	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3540063												3540064	
Parameter	Units	92585058030 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Chloride	mg/L	ND	50	50	48.9	49.4	98	99	90-110	1	10		
Fluoride	mg/L	ND	2.5	2.5	2.3	2.3	92	93	90-110	1	10		
Sulfate	mg/L	ND	50	50	48.2	48.7	96	97	90-110	1	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3540065												3540066	
Parameter	Units	92585555010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Chloride	mg/L	4.8	50	50	55.6	55.1	102	101	90-110	1	10		
Fluoride	mg/L	ND	2.5	2.5	2.5	2.5	100	100	90-110	0	10		
Sulfate	mg/L	1.2	50	50	51.6	51.1	101	100	90-110	1	10		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

QC Batch: 677497	Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993	Analysis Description: 300.0 IC Anions
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92585555013

METHOD BLANK: 3545965 Matrix: Water

Associated Lab Samples: 92585555013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/11/22 07:04	
Fluoride	mg/L	ND	0.10	0.050	02/11/22 07:04	
Sulfate	mg/L	ND	1.0	0.50	02/11/22 07:04	

LABORATORY CONTROL SAMPLE: 3545966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	52.1	104	90-110	
Fluoride	mg/L	2.5	2.5	100	90-110	
Sulfate	mg/L	50	50.2	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3545967 3545968

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92587247021 Result	Spike Conc.	Spike Conc.	Result								
Chloride	mg/L	53.3	50	50	90.2	88.9	74	71	90-110	1	10	M1	
Fluoride	mg/L	0.41	2.5	2.5	3.1	3.1	106	106	90-110	0	10		
Sulfate	mg/L	95.9	50	50	140	139	89	86	90-110	1	10	M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3545969 3545970

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92587247031 Result	Spike Conc.	Spike Conc.	Result								
Chloride	mg/L	73.8	50	50	106	107	65	67	90-110	1	10	M1	
Fluoride	mg/L	1.1	2.5	2.5	3.7	3.8	106	108	90-110	2	10		
Sulfate	mg/L	141	50	50	179	180	77	79	90-110	1	10	M1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

QC Batch: 677743 Analysis Method: EPA 300.0 Rev 2.1 1993
 QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions
 Laboratory: Pace Analytical Services - Asheville
 Associated Lab Samples: 92585555014, 92585555015, 92585555016, 92585555017, 92585555018, 92585555019, 92585555020, 92585555021, 92585555022, 92585555023

METHOD BLANK: 3547238 Matrix: Water
 Associated Lab Samples: 92585555014, 92585555015, 92585555016, 92585555017, 92585555018, 92585555019, 92585555020, 92585555021, 92585555022, 92585555023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/12/22 16:11	
Fluoride	mg/L	ND	0.10	0.050	02/12/22 16:11	
Sulfate	mg/L	ND	1.0	0.50	02/12/22 16:11	

LABORATORY CONTROL SAMPLE: 3547239

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.1	102	90-110	
Fluoride	mg/L	2.5	2.5	99	90-110	
Sulfate	mg/L	50	50.2	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547240 3547241

Parameter	Units	92585555014		3547241		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	4.3	50	50	60.1	60.2	112	112	90-110	0	10 M1
Fluoride	mg/L	ND	2.5	2.5	2.8	2.8	110	111	90-110	1	10 M1
Sulfate	mg/L	6.1	50	50	62.6	62.4	113	113	90-110	0	10 M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547242 3547243

Parameter	Units	92586436001		3547243		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	1.2	50	50	57.3	57.5	112	113	90-110	0	10 M1
Fluoride	mg/L	ND	2.5	2.5	2.8	2.8	110	111	90-110	1	10 M1
Sulfate	mg/L	0.93J	50	50	57.2	57.7	113	114	90-110	1	10 M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D6 The precision between the sample and sample duplicate exceeded laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
9258555001	GWA-39Z				
9258555002	GWA-40				
9258555003	GWA-41				
9258555004	GWA-41R				
9258555005	GWA-42				
9258555006	GWA-43				
9258555007	GWA-43R				
9258555008	GWC-44				
9258555009	GWC-46R				
9258555010	GWC-48				
9258555013	GWC-45				
9258555014	GWC-45R				
9258555015	GWC-47				
9258555016	GWC-47R				
9258555017	GWC-49Z				
9258555018	GWC-49R				
9258555021	GWA-39RZ				
9258555001	GWA-39Z	EPA 3010A	678031	EPA 6010D	678095
9258555002	GWA-40	EPA 3010A	678031	EPA 6010D	678095
9258555003	GWA-41	EPA 3010A	678031	EPA 6010D	678095
9258555004	GWA-41R	EPA 3010A	678031	EPA 6010D	678095
9258555005	GWA-42	EPA 3010A	678031	EPA 6010D	678095
9258555006	GWA-43	EPA 3010A	678031	EPA 6010D	678095
9258555007	GWA-43R	EPA 3010A	678031	EPA 6010D	678095
9258555008	GWC-44	EPA 3010A	678031	EPA 6010D	678095
9258555009	GWC-46R	EPA 3010A	678031	EPA 6010D	678095
9258555010	GWC-48	EPA 3010A	678031	EPA 6010D	678095
9258555011	DUP-1	EPA 3010A	678031	EPA 6010D	678095
9258555012	FB-1	EPA 3010A	678031	EPA 6010D	678095
9258555013	GWC-45	EPA 3010A	678031	EPA 6010D	678095
9258555014	GWC-45R	EPA 3010A	678031	EPA 6010D	678095
9258555015	GWC-47	EPA 3010A	678031	EPA 6010D	678095
9258555016	GWC-47R	EPA 3010A	678103	EPA 6010D	678189
9258555017	GWC-49Z	EPA 3010A	678103	EPA 6010D	678189
9258555018	GWC-49R	EPA 3010A	678103	EPA 6010D	678189
9258555019	DUP-2	EPA 3010A	678103	EPA 6010D	678189
9258555020	FB-2	EPA 3010A	678103	EPA 6010D	678189
9258555021	GWA-39RZ	EPA 3010A	678103	EPA 6010D	678189
9258555022	FB-3	EPA 3010A	678103	EPA 6010D	678189
9258555023	EB-1	EPA 3010A	678103	EPA 6010D	678189
9258555001	GWA-39Z	EPA 3005A	677804	EPA 6020B	677940
9258555002	GWA-40	EPA 3005A	677804	EPA 6020B	677940
9258555003	GWA-41	EPA 3005A	677804	EPA 6020B	677940
9258555004	GWA-41R	EPA 3005A	677804	EPA 6020B	677940
9258555005	GWA-42	EPA 3005A	677804	EPA 6020B	677940
9258555006	GWA-43	EPA 3005A	677804	EPA 6020B	677940
9258555007	GWA-43R	EPA 3005A	677804	EPA 6020B	677940

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92585555008	GWC-44	EPA 3005A	677804	EPA 6020B	677940
92585555009	GWC-46R	EPA 3005A	677804	EPA 6020B	677940
92585555010	GWC-48	EPA 3005A	677804	EPA 6020B	677940
92585555011	DUP-1	EPA 3005A	678016	EPA 6020B	678130
92585555012	FB-1	EPA 3005A	678016	EPA 6020B	678130
92585555013	GWC-45	EPA 3005A	678016	EPA 6020B	678130
92585555014	GWC-45R	EPA 3005A	678016	EPA 6020B	678130
92585555015	GWC-47	EPA 3005A	678016	EPA 6020B	678130
92585555016	GWC-47R	EPA 3005A	678016	EPA 6020B	678130
92585555017	GWC-49Z	EPA 3005A	678016	EPA 6020B	678130
92585555018	GWC-49R	EPA 3005A	678016	EPA 6020B	678130
92585555019	DUP-2	EPA 3005A	678016	EPA 6020B	678130
92585555020	FB-2	EPA 3005A	678016	EPA 6020B	678130
92585555021	GWA-39RZ	EPA 3005A	678016	EPA 6020B	678130
92585555022	FB-3	EPA 3005A	678016	EPA 6020B	678130
92585555023	EB-1	EPA 3005A	678016	EPA 6020B	678130
92585555001	GWA-39Z	EPA 7470A	677026	EPA 7470A	677148
92585555002	GWA-40	EPA 7470A	677026	EPA 7470A	677148
92585555003	GWA-41	EPA 7470A	677026	EPA 7470A	677148
92585555004	GWA-41R	EPA 7470A	677026	EPA 7470A	677148
92585555005	GWA-42	EPA 7470A	677026	EPA 7470A	677148
92585555006	GWA-43	EPA 7470A	677026	EPA 7470A	677148
92585555007	GWA-43R	EPA 7470A	677026	EPA 7470A	677148
92585555008	GWC-44	EPA 7470A	677026	EPA 7470A	677148
92585555009	GWC-46R	EPA 7470A	677026	EPA 7470A	677148
92585555010	GWC-48	EPA 7470A	677026	EPA 7470A	677148
92585555011	DUP-1	EPA 7470A	677026	EPA 7470A	677148
92585555012	FB-1	EPA 7470A	677026	EPA 7470A	677148
92585555013	GWC-45	EPA 7470A	677026	EPA 7470A	677148
92585555014	GWC-45R	EPA 7470A	677026	EPA 7470A	677148
92585555015	GWC-47	EPA 7470A	677026	EPA 7470A	677148
92585555016	GWC-47R	EPA 7470A	677026	EPA 7470A	677148
92585555017	GWC-49Z	EPA 7470A	677026	EPA 7470A	677148
92585555018	GWC-49R	EPA 7470A	677026	EPA 7470A	677148
92585555019	DUP-2	EPA 7470A	677026	EPA 7470A	677148
92585555020	FB-2	EPA 7470A	677026	EPA 7470A	677148
92585555021	GWA-39RZ	EPA 7470A	677028	EPA 7470A	677150
92585555022	FB-3	EPA 7470A	677028	EPA 7470A	677150
92585555023	EB-1	EPA 7470A	677028	EPA 7470A	677150
92585555001	GWA-39Z	SM 2540C-2015	675815		
92585555002	GWA-40	SM 2540C-2015	675815		
92585555003	GWA-41	SM 2540C-2015	675815		
92585555004	GWA-41R	SM 2540C-2015	675815		
92585555005	GWA-42	SM 2540C-2015	675815		
92585555006	GWA-43	SM 2540C-2015	675815		
92585555007	GWA-43R	SM 2540C-2015	675815		
92585555008	GWC-44	SM 2540C-2015	675815		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 9&10
 Pace Project No.: 92585555

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92585555009	GWC-46R	SM 2540C-2015	675815		
92585555010	GWC-48	SM 2540C-2015	675815		
92585555011	DUP-1	SM 2540C-2015	675815		
92585555012	FB-1	SM 2540C-2015	675815		
92585555013	GWC-45	SM 2540C-2015	676438		
92585555014	GWC-45R	SM 2540C-2015	676438		
92585555015	GWC-47	SM 2540C-2015	676438		
92585555016	GWC-47R	SM 2540C-2015	676438		
92585555017	GWC-49Z	SM 2540C-2015	676438		
92585555018	GWC-49R	SM 2540C-2015	676438		
92585555019	DUP-2	SM 2540C-2015	676439		
92585555020	FB-2	SM 2540C-2015	676439		
92585555021	GWA-39RZ	SM 2540C-2015	676566		
92585555022	FB-3	SM 2540C-2015	676566		
92585555023	EB-1	SM 2540C-2015	676566		
92585555001	GWA-39Z	SM 2320B	797866		
92585555002	GWA-40	SM 2320B	797866		
92585555003	GWA-41	SM 2320B	797866		
92585555004	GWA-41R	SM 2320B	797866		
92585555005	GWA-42	SM 2320B	797866		
92585555006	GWA-43	SM 2320B	797866		
92585555007	GWA-43R	SM 2320B	797866		
92585555008	GWC-44	SM 2320B	797866		
92585555009	GWC-46R	SM 2320B	797866		
92585555010	GWC-48	SM 2320B	798025		
92585555011	DUP-1	SM 2320B	798025		
92585555012	FB-1	SM 2320B	798025		
92585555013	GWC-45	SM 2320B	798068		
92585555014	GWC-45R	SM 2320B	798068		
92585555015	GWC-47	SM 2320B	798068		
92585555016	GWC-47R	SM 2320B	798068		
92585555017	GWC-49Z	SM 2320B	798068		
92585555018	GWC-49R	SM 2320B	798068		
92585555019	DUP-2	SM 2320B	798068		
92585555020	FB-2	SM 2320B	798068		
92585555021	GWA-39RZ	SM 2320B	798068		
92585555022	FB-3	SM 2320B	798068		
92585555023	EB-1	SM 2320B	798068		
92585555001	GWA-39Z	EPA 300.0 Rev 2.1 1993	676332		
92585555002	GWA-40	EPA 300.0 Rev 2.1 1993	676332		
92585555003	GWA-41	EPA 300.0 Rev 2.1 1993	676332		
92585555004	GWA-41R	EPA 300.0 Rev 2.1 1993	676332		
92585555005	GWA-42	EPA 300.0 Rev 2.1 1993	676332		
92585555006	GWA-43	EPA 300.0 Rev 2.1 1993	676332		
92585555007	GWA-43R	EPA 300.0 Rev 2.1 1993	676332		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 9&10

Pace Project No.: 92585555

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92585555008	GWC-44	EPA 300.0 Rev 2.1 1993	676332		
92585555009	GWC-46R	EPA 300.0 Rev 2.1 1993	676332		
92585555010	GWC-48	EPA 300.0 Rev 2.1 1993	676332		
92585555011	DUP-1	EPA 300.0 Rev 2.1 1993	676332		
92585555012	FB-1	EPA 300.0 Rev 2.1 1993	676332		
92585555013	GWC-45	EPA 300.0 Rev 2.1 1993	677497		
92585555014	GWC-45R	EPA 300.0 Rev 2.1 1993	677743		
92585555015	GWC-47	EPA 300.0 Rev 2.1 1993	677743		
92585555016	GWC-47R	EPA 300.0 Rev 2.1 1993	677743		
92585555017	GWC-49Z	EPA 300.0 Rev 2.1 1993	677743		
92585555018	GWC-49R	EPA 300.0 Rev 2.1 1993	677743		
92585555019	DUP-2	EPA 300.0 Rev 2.1 1993	677743		
92585555020	FB-2	EPA 300.0 Rev 2.1 1993	677743		
92585555021	GWA-39RZ	EPA 300.0 Rev 2.1 1993	677743		
92585555022	FB-3	EPA 300.0 Rev 2.1 1993	677743		
92585555023	EB-1	EPA 300.0 Rev 2.1 1993	677743		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Document Name:
Sample Condition Upon Receipt (SCUR)
Document No.:
F-CAR-CI-033-Rev.08

Document Revised: November 15, 2021
Page 1 of 3
Issuing Authority:
Pace Carolina Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name: G-A Power Project #: W0# : 92585555



Courier: Fed Ex UPS USPS Client Commercial Other: Direct

Custody Seal Present? Yes No Seal Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: 230 Type of Ice: Wet Dry None

Cooler Temp: 4.8 Correction Factor: Add/Subtract (°C) +0.2

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

Cooler Temp Corrected (°C): 5.0

USDA Regulated Soil (N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, HI, or SC (check maps)?

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

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1	
Samples Arrived with in Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2	
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3	
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7	
Divided analysis: Samples field filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8	
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9	
-Includes Date/Time/ID/Analysis Matrix: <u>W</u>			
Headspace in VOA Vials (>3-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10	
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11	
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCUR Review: _____ Date: _____

Project Manager SRP Review: _____ Date: _____



Document Name:
Bottle Identification Form (BIF)

Document No.:
F-CAR-C5-043-Rev.01

Document Issued: November 15, 2021
Page 1 of 1

Issuing Authority:
Pace Carolinas Quality Office

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

Exceptions: YDA, Coliform, TOC, Oil and Grease, DRD/SD15 (water) DOC, LMg

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

Project #

WO#: 92585555

PR: NRG

Due Date: 02/15/22

CLIENT: GA-GA Power

Month	Sample	1	2	3	4	5	6	7	8	9	10	11	12
	BP40-125 ml, Plastic, Unpreserved (N/A) (C-1)		2	1									
	BP50-200 ml, Plastic, Unpreserved (N/A)		2	1									
	BP60-500 ml, Plastic, Unpreserved (N/A)		2	1									
	BP70-1 liter Plastic, Unpreserved (N/A)		2	1									
	BP80-125 ml, Plastic, HClSO4 (pH < 2) (C-1)		2	1									
	BP90-250 ml, Plastic, HClSO4 (pH < 2)		2	1									
	BP42-125 ml, Plastic, 2N Acetic & NaOH (pH)		2	1									
	BP48-125 ml, Plastic, NaOH (pH > 12) (C-1)		2	1									
	W030-Water, chemist-Glass, (pH Unpreserved)												
	A030-1 liter Amber Unpreserved (N/A) (C-1)												
	A034-1 liter Amber HCl (pH < 2)												
	A038-250 ml, Amber Unpreserved (N/A) (C-1)												
	A035-1 liter Amber HClSO4 (pH < 2)												
	A036-250 ml, Amber HClSO4 (pH < 2)												
	A034003M-250 ml Amber HClSO4 (pH < 2)												
	B050-40 ml, VOA HCl (N/A)												
	V050-40 ml, VOA NaOH (N/A)												
	V050-40 ml, VOA Unpreserved (N/A)												
	P050-40 ml, VOA HClSO4 (N/A)												
	Y040 (3 vials per lot)-SD15 lot (N/A)												
	Y100 (2 vials per lot)-VPM/GM lot (N/A)												
	SP01-125 ml, Sanita Plastic (N/A - lot)												
	SP02-250 ml, Sanita Plastic (N/A - lot)												
	BP34-250 ml, Plastic (HClSO4 (pH < 2))												
	A030-500 ml, Amber Unpreserved vials (N/A)												
	V050-20 ml, Sanitation vials (N/A)												
	B050-40 ml, Amber Unpreserved vials (N/A)												

pH Adjustment Log for Preserved Samples

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

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina State Certification Office (a part of both, incorrect preservation, out of temp, incorrect containers).

Section A Requested Client Information Agency: CA Power Address: 1000 Westchester Parkway Woodstock, CA 94388		Section B Requested Project Information Agency: Contra Costa City: Concord County: Contra Costa Project Name: Fruit & Veggie Larder Cans 9 and 10 Requested For: 2/1/22		Section C Project Information Company Name: Southern CO Project Number: 2022	
Date To: 1/28/22 From: 1/28/22 Requested For: 2/1/22		Project Start Date: 2/1/22 Project End Date: 2/1/22 Project Manager: Nicole Orsico Project Number: 2022		Regulatory Agency: Ground Water Division: Ground Water State: CA	

ITEM #	Sample ID	Matrix Code	Sample Type	Collected			Sample Temp at Collection	# of Containers	Preservatives	Analysis Test	Residual Chlorine (Y/N)
				Date	Time	Loc					
1	GWA-302		1/28/22	13:50			4	1	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	Pass Project Req Lab Ltd.	
2	GWA-40		1/28/22	14:25			4	3	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	6.85	
3	GWA-41		1/28/22	12:55			4	3	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	6.02	
4	GWA-41R		1/28/22	12:45			4	3	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	6.63	
5	GWA-43		1/28/22	13:15			4	3	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	7.17	
6	GWA-43R		1/28/22	12:05			4	3	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	5.71	
7	GWA-44		1/28/22	15:30			4	3	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	8.04	
8	GWA-44R		1/28/22	15:30			4	3	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	4.78	
9	GWA-45		1/28/22	15:30			4	3	<input checked="" type="checkbox"/> Metals - Trace Metals <input checked="" type="checkbox"/> D.F. PCB <input checked="" type="checkbox"/> Total/Continuous Aa <input checked="" type="checkbox"/> B	7.48	

Section D Additional Comments William Lasker 2/1/22 08:00 Alysia Garner 2/1/22 08:06		Accepted By / Application Alysia Garner 2/1/22 11:22 Ryan Williams / Pass 2/1/22 11:22 Ryan Williams / Pass 2/1/22 11:22		Date 2/1/22 2/1/22		Time 08:00 08:06	
Signature of Requester Signature of Applicant Signature of Custodian Signature of Auditor Signature of Receiver		Signature of Requester Signature of Applicant Signature of Custodian Signature of Auditor Signature of Receiver		Date 1/28/22		Time 11:30	



Section A
 Requested Data Information
 Agency: GA Power
 Location: 1000 Westborough Parkway
 City: Westborough, GA 30188

Section B
 Requested Project Information
 Request To: Robert Justice
 City To: Forsyth County
 Request From: First Down Landfill
 Cell 9 and 10
 Requested Date Interval: 1 Day

Section C
 Requested Analytical Parameters (Y/N)
 Analytical Parameters: Deposition, F, H, Ni, Pb, Se, Zn, Other
 Analysis Test: Metals - Base Metals, P, F, SO4, Total Chloride as Cl

Section D
 Requested Analytical Method (Y/N)
 Method: EPA 8210
 Residual Chlorine (Y/N)

REGULATORY AGENCY
 Ground Water
 Air
 RCRA
 Other
 EPA Location: DA

Order #	Requested Data Interval	Yield Based Units	Matrix Code	Sample Type	Collected			Sample Trap at Collection	# of Containers	Analysis Test	Requested Analytical Method (Y/N)	Residual Chlorine (Y/N)
					DATE	TIME	TIME					
1	0-0-0-0-0	0000										
2	0-0-0-0-0	0000										
3	0-0-0-0-0	0000										
4	0-0-0-0-0	0000										
5	0-0-0-0-0	0000										
6	0-0-0-0-0	0000										
7	0-0-0-0-0	0000										
8	0-0-0-0-0	0000										
9	0-0-0-0-0	0000										
10	0-0-0-0-0	0000										
11	0-0-0-0-0	0000										
12	0-0-0-0-0	0000										

ADDITIONAL COMMENTS
 ADDITIONAL COMMENTS BY: AS, BS, CS, DS, ES, FS, GS, HS, IS, JS, KS, LS, MS, NS, OS, PS, QS, RS, TS, US, VS, WS, XS, YS, ZS

APPROVED BY / APPLICATION
 Requested By: William Leaker
 Date: 2/1/22
 Time: 0800
 Approved By: Anna Garner
 Date: 2/1/22
 Time: 0800

APPROVED BY / APPLICATION
 Requested By: Anna Garner
 Date: 2/1/22
 Time: 1122
 Approved By: Ryan Williams / Rose
 Date: 2/1/22
 Time: 1700

APPROVED BY / APPLICATION
 Requested By: Ryan Williams / Rose
 Date: 2/1/22
 Time: 1700
 Approved By: Anna Garner
 Date: 2/1/22
 Time: 1700

STATUS
 Requested By: Anna Garner
 Date: 1/31/22

RECEIVED BY (Y/N)
 Received on: (Y/N)
 County: (Y/N)
 Sample: (Y/N)



March 09, 2022

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: BOWEN LF CELLS 1&2
Pace Project No.: 92586436

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory between February 04, 2022 and February 18, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA
- Pace Analytical Services - Minneapolis

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

Sincerely,

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Michelle Barker, WOOD E&I
Anna Bottum, ERM
Andrea Brazell, ERM
Kristen Jurinko
Ms. Lauren Petty, Southern Company
Rhonda Quinn, WOOD E&I
Lacy Smith, ERM
Caitlin Tillema, ERM
Christine Weaver, ERM

Greg Wrenn, WOOD E&I



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

- A2LA Certification #: 2926.01*
- Alabama Certification #: 40770
- Alaska Contaminated Sites Certification #: 17-009*
- Alaska DW Certification #: MN00064
- Arizona Certification #: AZ0014*
- Arkansas DW Certification #: MN00064
- Arkansas WW Certification #: 88-0680
- California Certification #: 2929
- Colorado Certification #: MN00064
- Connecticut Certification #: PH-0256
- EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
- Florida Certification #: E87605*
- Georgia Certification #: 959
- Hawaii Certification #: MN00064
- Idaho Certification #: MN00064
- Illinois Certification #: 200011
- Indiana Certification #: C-MN-01
- Iowa Certification #: 368
- Kansas Certification #: E-10167
- Kentucky DW Certification #: 90062
- Kentucky WW Certification #: 90062
- Louisiana DEQ Certification #: AI-03086*
- Louisiana DW Certification #: MN00064
- Maine Certification #: MN00064*
- Maryland Certification #: 322
- Michigan Certification #: 9909
- Minnesota Certification #: 027-053-137*
- Minnesota Dept of Ag Approval: via MN 027-053-137
- Minnesota Petrofund Registration #: 1240*
- Mississippi Certification #: MN00064

- Missouri Certification #: 10100
 - Montana Certification #: CERT0092
 - Nebraska Certification #: NE-OS-18-06
 - Nevada Certification #: MN00064
 - New Hampshire Certification #: 2081*
 - New Jersey Certification #: MN002
 - New York Certification #: 11647*
 - North Carolina DW Certification #: 27700
 - North Carolina WW Certification #: 530
 - North Dakota Certification #: R-036
 - Ohio DW Certification #: 41244
 - Ohio VAP Certification (1700) #: CL101
 - Ohio VAP Certification (1800) #: CL110*
 - Oklahoma Certification #: 9507*
 - Oregon Primary Certification #: MN300001
 - Oregon Secondary Certification #: MN200001*
 - Pennsylvania Certification #: 68-00563*
 - Puerto Rico Certification #: MN00064
 - South Carolina Certification #:74003001
 - Tennessee Certification #: TN02818
 - Texas Certification #: T104704192*
 - Utah Certification #: MN00064*
 - Vermont Certification #: VT-027053137
 - Virginia Certification #: 460163*
 - Washington Certification #: C486*
 - West Virginia DEP Certification #: 382
 - West Virginia DW Certification #: 9952 C
 - Wisconsin Certification #: 999407970
 - Wyoming UST Certification #: via A2LA 2926.01
 - USDA Permit #: P330-19-00208
- *Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006

- South Carolina Certification #: 99006001
- South Carolina Drinking Water Cert. #: 99006003
- Florida/NELAP Certification #: E87627
- Kentucky UST Certification #: 84
- Louisiana DoH Drinking Water #: LA029
- Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40

- South Carolina Laboratory ID: 99030
- South Carolina Certification #: 99030001
- Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315

- Georgia DW Inorganics Certification #: 812
- North Carolina Certification #: 381

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LF CELLS 1&2
Pace Project No.: 92586436

Pace Analytical Services Peachtree Corners
South Carolina Certification #: 98011001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: BOWEN LF CELLS 1&2
Pace Project No.: 92586436

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92586436001	GWA-1	Water	02/01/22 14:50	02/04/22 11:45
92586436002	GWA-2	Water	02/01/22 14:44	02/04/22 11:45
92586436003	GWA-2R	Water	02/01/22 15:45	02/04/22 11:45
92586436004	GWA-50	Water	02/01/22 15:40	02/04/22 11:45
92586436005	DUP-1	Water	02/01/22 00:00	02/04/22 11:45
92586436006	FB-1	Water	02/01/22 16:00	02/04/22 11:45
92586436007	GWA-3A	Water	02/02/22 12:08	02/04/22 11:45
92586436008	GWC-5	Water	02/02/22 11:34	02/04/22 11:45
92586436009	GWC-6	Water	02/02/22 15:22	02/04/22 11:45
92586436010	GWC-6RZ	Water	02/02/22 14:00	02/04/22 11:45
92586436011	GWC-7Z	Water	02/02/22 12:15	02/04/22 11:45
92586436012	GWC-8Z	Water	02/02/22 14:24	02/04/22 11:45
92586436013	GWC-8RR	Water	02/02/22 16:16	02/04/22 11:45
92586436014	GWC-9	Water	02/02/22 15:02	02/04/22 11:45
92586436015	GWC-12	Water	02/02/22 15:55	02/04/22 11:45
92586436016	GWA-50R	Water	02/02/22 10:12	02/04/22 11:45
92586436017	DUP-2	Water	02/02/22 00:00	02/04/22 11:45
92586436018	FB-2	Water	02/02/22 16:14	02/04/22 11:45
92586436019	GWA-4RZ	Water	02/03/22 10:55	02/04/22 11:45
92586436020	FB-3	Water	02/03/22 12:00	02/04/22 11:45
92586436021	GWC-10	Water	02/04/22 11:15	02/08/22 08:10
92586436022	GWC-10R	Water	02/04/22 12:40	02/08/22 08:10
92586436023	GWC-11	Water	02/04/22 12:33	02/08/22 08:10
92586436024	GWC-11R	Water	02/04/22 10:45	02/08/22 08:10
92586436025	GWC-13RZ	Water	02/04/22 09:44	02/08/22 08:10
92586436026	GWC-14Z	Water	02/04/22 11:30	02/08/22 08:10
92586436027	GWC-15R	Water	02/04/22 13:14	02/08/22 08:10
92586436028	DUP-3	Water	02/04/22 00:00	02/08/22 08:10
92586436029	FB-4	Water	02/04/22 13:15	02/08/22 08:10
92586436030	GWC-15Z	Water	02/07/22 10:13	02/08/22 08:10
92586436031	FB-5	Water	02/07/22 11:30	02/08/22 08:10
92586436032	GWC-13	Water	02/17/22 13:06	02/18/22 09:52
92586436033	FB-6	Water	02/17/22 13:40	02/18/22 09:52

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92586436001	GWA-1	EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92586436002	GWA-2	EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436003	GWA-2R	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
92586436004	GWA-50	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
92586436005	DUP-1	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
92586436006	FB-1	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
92586436007	GWA-3A	EPA 6010D	DRB	5	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92586436008	GWC-5	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92586436009	GWC-6	EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
92586436010	GWC-6RZ	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
92586436011	GWC-7Z	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92586436012	GWC-8Z	EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
92586436013	GWC-8RR	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92586436014	GWC-9	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436015	GWC-12	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
92586436016	GWA-50R	EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
92586436017	DUP-2	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436018	FB-2	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
92586436019	GWA-4RZ	EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92586436020	FB-3	SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436021	GWC-10	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
92586436022	GWC-10R	EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
92586436023	GWC-11	EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
92586436024	GWC-11R	EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
92586436025	GWC-13RZ	EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92586436026	GWC-14Z	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436027	GWC-15R	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436028	DUP-3	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436029	FB-4	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436030	GWC-15Z	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
92586436031	FB-5	SM 2320B	AR3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	DRB	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92586436032	GWC-13	EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AB3	3	PASI-M
92586436033	FB-6	EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2015	ALW	1	PASI-GA
		SM 2320B	AB3	3	PASI-M
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A

PASI-A = Pace Analytical Services - Asheville
 PASI-C = Pace Analytical Services - Charlotte
 PASI-GA = Pace Analytical Services - Peachtree Corners, GA
 PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436001	GWA-1					
	Performed by	CUSTOME			02/07/22 10:49	
		R				
	pH	7.52	Std. Units		02/07/22 10:49	
EPA 6010D	Potassium	1.3	mg/L	0.20	02/18/22 15:52	
EPA 6010D	Sodium	6.5	mg/L	1.0	02/18/22 15:52	
EPA 6010D	Calcium	34.1	mg/L	1.0	02/18/22 15:52	
EPA 6010D	Magnesium	16.4	mg/L	0.050	02/18/22 15:52	
EPA 6020B	Antimony	0.0028J	mg/L	0.0030	02/18/22 14:39	
EPA 6020B	Barium	0.015	mg/L	0.0050	02/18/22 14:39	
SM 2540C-2015	Total Dissolved Solids	143	mg/L	10.0	02/07/22 17:20	
SM 2320B	Alkalinity, Total as CaCO3	161	mg/L	5.0	02/10/22 16:44	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	161	mg/L	5.0	02/10/22 16:44	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/12/22 19:54	M1
EPA 300.0 Rev 2.1 1993	Sulfate	0.93J	mg/L	1.0	02/12/22 19:54	M1
92586436002	GWA-2					
	Performed by	CUSTOME			02/07/22 10:50	
		R				
	pH	6.30	Std. Units		02/07/22 10:50	
EPA 6010D	Potassium	0.88	mg/L	0.20	02/18/22 15:56	
EPA 6010D	Sodium	1.9	mg/L	1.0	02/18/22 15:56	
EPA 6010D	Calcium	48.0	mg/L	1.0	02/18/22 15:56	M1
EPA 6010D	Magnesium	14.0	mg/L	0.050	02/18/22 15:56	
EPA 6020B	Arsenic	0.0019J	mg/L	0.0050	02/18/22 14:45	
EPA 6020B	Barium	0.026	mg/L	0.0050	02/18/22 14:45	
SM 2540C-2015	Total Dissolved Solids	202	mg/L	10.0	02/07/22 17:21	
SM 2320B	Alkalinity, Total as CaCO3	80.9	mg/L	5.0	02/10/22 17:00	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	80.9	mg/L	5.0	02/10/22 17:00	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/12/22 21:04	
EPA 300.0 Rev 2.1 1993	Sulfate	86.1	mg/L	1.0	02/12/22 21:04	
92586436003	GWA-2R					
	Performed by	CUSTOME			02/07/22 10:50	
		R				
	pH	6.62	Std. Units		02/07/22 10:50	
EPA 6010D	Potassium	0.67	mg/L	0.20	02/18/22 16:16	
EPA 6010D	Sodium	1.1	mg/L	1.0	02/18/22 16:16	
EPA 6010D	Calcium	34.1	mg/L	1.0	02/18/22 16:16	
EPA 6010D	Magnesium	11.1	mg/L	0.050	02/18/22 16:16	
EPA 6020B	Antimony	0.0029J	mg/L	0.0030	02/18/22 14:51	
EPA 6020B	Arsenic	0.0053	mg/L	0.0050	02/18/22 14:51	
EPA 6020B	Barium	0.024	mg/L	0.0050	02/18/22 14:51	
EPA 6020B	Cobalt	0.00093J	mg/L	0.0050	02/18/22 14:51	
EPA 6020B	Copper	0.00096J	mg/L	0.0050	02/18/22 14:51	
SM 2540C-2015	Total Dissolved Solids	114	mg/L	10.0	02/07/22 17:21	
SM 2320B	Alkalinity, Total as CaCO3	122	mg/L	5.0	02/10/22 17:06	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	122	mg/L	5.0	02/10/22 17:06	
EPA 300.0 Rev 2.1 1993	Chloride	0.77J	mg/L	1.0	02/12/22 21:18	
EPA 300.0 Rev 2.1 1993	Sulfate	1.5	mg/L	1.0	02/12/22 21:18	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436004	GWA-50					
	Performed by	CUSTOME			02/07/22 10:50	
		R				
	pH	5.61	Std. Units		02/07/22 10:50	
EPA 6010D	Potassium	0.25	mg/L	0.20	02/18/22 16:20	
EPA 6010D	Sodium	1.7	mg/L	1.0	02/18/22 16:20	
EPA 6010D	Calcium	1.5	mg/L	1.0	02/18/22 16:20	
EPA 6010D	Magnesium	0.31	mg/L	0.050	02/18/22 16:20	
EPA 6020B	Antimony	0.0015J	mg/L	0.0030	02/18/22 15:15	
EPA 6020B	Barium	0.0065	mg/L	0.0050	02/18/22 15:15	
EPA 6020B	Copper	0.0017J	mg/L	0.0050	02/18/22 15:15	
EPA 6020B	Nickel	0.00080J	mg/L	0.0050	02/18/22 15:15	
SM 2540C-2015	Total Dissolved Solids	21.0	mg/L	10.0	02/07/22 17:21	
SM 2320B	Alkalinity, Total as CaCO3	4.7J	mg/L	5.0	02/10/22 19:19	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	4.7J	mg/L	5.0	02/10/22 19:19	
EPA 300.0 Rev 2.1 1993	Chloride	0.91J	mg/L	1.0	02/12/22 21:32	
92586436005	DUP-1					
EPA 6010D	Potassium	0.71	mg/L	0.20	02/18/22 16:25	
EPA 6010D	Sodium	1.1	mg/L	1.0	02/18/22 16:25	
EPA 6010D	Calcium	33.8	mg/L	1.0	02/18/22 16:25	
EPA 6010D	Magnesium	11.0	mg/L	0.050	02/18/22 16:25	
EPA 6020B	Antimony	0.0033	mg/L	0.0030	02/18/22 15:21	
EPA 6020B	Arsenic	0.0037J	mg/L	0.0050	02/18/22 15:21	
EPA 6020B	Barium	0.024	mg/L	0.0050	02/18/22 15:21	
EPA 6020B	Cobalt	0.00090J	mg/L	0.0050	02/18/22 15:21	
EPA 6020B	Copper	0.00078J	mg/L	0.0050	02/18/22 15:21	
SM 2540C-2015	Total Dissolved Solids	118	mg/L	10.0	02/07/22 17:21	
SM 2320B	Alkalinity, Total as CaCO3	120	mg/L	5.0	02/10/22 17:15	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	120	mg/L	5.0	02/10/22 17:15	
EPA 300.0 Rev 2.1 1993	Chloride	0.77J	mg/L	1.0	02/12/22 21:46	
EPA 300.0 Rev 2.1 1993	Sulfate	1.5	mg/L	1.0	02/12/22 21:46	
92586436007	GWA-3A					
	Performed by	CUSTOME			02/07/22 10:50	
		R				
	pH	7.94	Std. Units		02/07/22 10:50	
EPA 6010D	Potassium	1.2	mg/L	0.20	02/18/22 16:44	
EPA 6010D	Sodium	3.5	mg/L	1.0	02/18/22 16:44	
EPA 6010D	Calcium	22.6	mg/L	1.0	02/18/22 16:44	
EPA 6010D	Magnesium	11.3	mg/L	0.050	02/18/22 16:44	
EPA 6020B	Barium	0.0064	mg/L	0.0050	02/18/22 15:50	
EPA 6020B	Chromium	0.0069	mg/L	0.0050	02/18/22 15:50	
SM 2540C-2015	Total Dissolved Solids	104	mg/L	10.0	02/08/22 11:13	
SM 2320B	Alkalinity, Total as CaCO3	97.5	mg/L	5.0	02/10/22 20:33	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	97.5	mg/L	5.0	02/10/22 20:33	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/12/22 22:14	
EPA 300.0 Rev 2.1 1993	Sulfate	3.4	mg/L	1.0	02/12/22 22:14	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436008	GWC-5					
	Performed by	CUSTOME			02/07/22 10:50	
		R				
	pH	5.90	Std. Units		02/07/22 10:50	
EPA 6010D	Zinc	0.034	mg/L	0.020	02/18/22 16:49	
EPA 6010D	Potassium	1.8	mg/L	0.20	02/18/22 16:49	
EPA 6010D	Sodium	1.7	mg/L	1.0	02/18/22 16:49	
EPA 6010D	Calcium	3.7	mg/L	1.0	02/18/22 16:49	
EPA 6010D	Magnesium	0.27	mg/L	0.050	02/18/22 16:49	
EPA 6020B	Barium	0.012	mg/L	0.0050	02/18/22 15:56	
EPA 6020B	Beryllium	0.00075	mg/L	0.00050	02/18/22 15:56	
EPA 6020B	Copper	0.024	mg/L	0.0050	02/18/22 15:56	
EPA 6020B	Nickel	0.0088	mg/L	0.0050	02/18/22 15:56	
SM 2540C-2015	Total Dissolved Solids	32.0	mg/L	10.0	02/08/22 11:13	
SM 2320B	Alkalinity, Total as CaCO3	11.9	mg/L	5.0	02/10/22 21:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	11.9	mg/L	5.0	02/10/22 21:53	
EPA 300.0 Rev 2.1 1993	Chloride	0.66J	mg/L	1.0	02/12/22 22:27	
EPA 300.0 Rev 2.1 1993	Sulfate	1.0	mg/L	1.0	02/12/22 22:27	
92586436009	GWC-6					
	Performed by	CUSTOME			02/07/22 10:51	
		R				
	pH	7.40	Std. Units		02/07/22 10:51	
EPA 6010D	Potassium	1.1	mg/L	0.20	02/18/22 16:54	
EPA 6010D	Sodium	1.0	mg/L	1.0	02/18/22 16:54	
EPA 6010D	Calcium	15.5	mg/L	1.0	02/18/22 16:54	
EPA 6010D	Magnesium	7.6	mg/L	0.050	02/18/22 16:54	
EPA 6020B	Barium	0.0064	mg/L	0.0050	02/18/22 16:02	
EPA 6020B	Chromium	0.0026J	mg/L	0.0050	02/18/22 16:02	
SM 2540C-2015	Total Dissolved Solids	73.0	mg/L	10.0	02/08/22 11:13	
SM 2320B	Alkalinity, Total as CaCO3	63.7	mg/L	5.0	02/10/22 20:40	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	63.7	mg/L	5.0	02/10/22 20:40	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/12/22 22:41	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	02/12/22 22:41	
92586436010	GWC-6RZ					
	Performed by	CUSTOME			02/07/22 10:51	
		R				
	pH	6.80	Std. Units		02/07/22 10:51	
EPA 6010D	Potassium	0.79	mg/L	0.20	02/18/22 16:58	
EPA 6010D	Sodium	1.6	mg/L	1.0	02/18/22 16:58	
EPA 6010D	Calcium	10.5	mg/L	1.0	02/18/22 16:58	
EPA 6010D	Magnesium	5.4	mg/L	0.050	02/18/22 16:58	
EPA 6020B	Arsenic	0.0012J	mg/L	0.0050	02/18/22 16:08	
EPA 6020B	Barium	0.0066	mg/L	0.0050	02/18/22 16:08	
EPA 6020B	Beryllium	0.000070J	mg/L	0.00050	02/18/22 16:08	
EPA 6020B	Chromium	0.0024J	mg/L	0.0050	02/18/22 16:08	
SM 2540C-2015	Total Dissolved Solids	51.0	mg/L	10.0	02/08/22 11:13	
SM 2320B	Alkalinity, Total as CaCO3	43.6	mg/L	5.0	02/10/22 20:44	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	43.6	mg/L	5.0	02/10/22 20:44	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436010	GWC-6RZ					
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/12/22 22:55	
EPA 300.0 Rev 2.1 1993	Sulfate	1.5	mg/L	1.0	02/12/22 22:55	
92586436011	GWC-7Z					
	Performed by	CUSTOMER			02/07/22 10:51	
	pH	7.54	Std. Units		02/07/22 10:51	
EPA 6010D	Potassium	0.97	mg/L	0.20	02/18/22 17:03	
EPA 6010D	Sodium	2.7	mg/L	1.0	02/18/22 17:03	
EPA 6010D	Calcium	26.9	mg/L	1.0	02/18/22 17:03	
EPA 6010D	Magnesium	13.4	mg/L	0.050	02/18/22 17:03	
EPA 6020B	Antimony	0.00093J	mg/L	0.0030	02/18/22 16:14	
EPA 6020B	Arsenic	0.0020J	mg/L	0.0050	02/18/22 16:14	
EPA 6020B	Barium	0.015	mg/L	0.0050	02/18/22 16:14	
EPA 6020B	Cobalt	0.00042J	mg/L	0.0050	02/18/22 16:14	
SM 2540C-2015	Total Dissolved Solids	115	mg/L	10.0	02/08/22 11:14	
SM 2320B	Alkalinity, Total as CaCO3	123	mg/L	5.0	02/10/22 20:48	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	123	mg/L	5.0	02/10/22 20:48	
EPA 300.0 Rev 2.1 1993	Chloride	0.76J	mg/L	1.0	02/13/22 00:05	M1
EPA 300.0 Rev 2.1 1993	Sulfate	1.3	mg/L	1.0	02/13/22 00:05	M1
92586436012	GWC-8Z					
	Performed by	CUSTOMER			02/07/22 10:51	
	pH	8.92	Std. Units		02/07/22 10:51	
EPA 6010D	Potassium	1.8	mg/L	0.20	02/18/22 17:08	
EPA 6010D	Sodium	2.1	mg/L	1.0	02/18/22 17:08	
EPA 6010D	Calcium	20.8	mg/L	1.0	02/18/22 17:08	
EPA 6010D	Magnesium	7.0	mg/L	0.050	02/18/22 17:08	
EPA 6020B	Arsenic	0.0011J	mg/L	0.0050	02/18/22 16:20	
EPA 6020B	Barium	0.024	mg/L	0.0050	02/18/22 16:20	
EPA 6020B	Beryllium	0.000064J	mg/L	0.00050	02/18/22 16:20	
EPA 6020B	Chromium	0.0021J	mg/L	0.0050	02/18/22 16:20	
SM 2540C-2015	Total Dissolved Solids	85.0	mg/L	10.0	02/08/22 11:14	
SM 2320B	Alkalinity, Total as CaCO3	76.7	mg/L	5.0	02/10/22 20:52	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	76.7	mg/L	5.0	02/10/22 20:52	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/13/22 00:47	
EPA 300.0 Rev 2.1 1993	Sulfate	0.72J	mg/L	1.0	02/13/22 00:47	
92586436013	GWC-8RR					
	Performed by	CUSTOMER			02/07/22 10:51	
	pH	8.13	Std. Units		02/07/22 10:51	
EPA 6010D	Potassium	1.3	mg/L	0.20	02/18/22 17:13	
EPA 6010D	Sodium	0.81J	mg/L	1.0	02/18/22 17:13	
EPA 6010D	Calcium	23.9	mg/L	1.0	02/18/22 17:13	
EPA 6010D	Magnesium	11.0	mg/L	0.050	02/18/22 17:13	
EPA 6020B	Antimony	0.0015J	mg/L	0.0030	02/18/22 16:26	
EPA 6020B	Arsenic	0.0013J	mg/L	0.0050	02/18/22 16:26	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436013	GWC-8RR					
EPA 6020B	Barium	0.013	mg/L	0.0050	02/18/22 16:26	
EPA 6020B	Chromium	0.0015J	mg/L	0.0050	02/18/22 16:26	
SM 2540C-2015	Total Dissolved Solids	102	mg/L	10.0	02/08/22 11:14	
SM 2320B	Alkalinity, Total as CaCO3	102	mg/L	5.0	02/10/22 21:12	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	102	mg/L	5.0	02/10/22 21:12	
EPA 300.0 Rev 2.1 1993	Chloride	0.77J	mg/L	1.0	02/13/22 01:01	
EPA 300.0 Rev 2.1 1993	Sulfate	0.72J	mg/L	1.0	02/13/22 01:01	
92586436014	GWC-9					
	Performed by	CUSTOMER			02/07/22 10:51	
	pH	4.81	Std. Units		02/07/22 10:51	
EPA 6010D	Potassium	0.92	mg/L	0.20	02/18/22 17:17	
EPA 6010D	Sodium	1.2	mg/L	1.0	02/18/22 17:17	
EPA 6010D	Calcium	2.2	mg/L	1.0	02/18/22 17:17	
EPA 6010D	Magnesium	1.2	mg/L	0.050	02/18/22 17:17	
EPA 6020B	Arsenic	0.0013J	mg/L	0.0050	02/18/22 16:32	
EPA 6020B	Barium	0.044	mg/L	0.0050	02/18/22 16:32	
EPA 6020B	Beryllium	0.00018J	mg/L	0.00050	02/18/22 16:32	
EPA 6020B	Cobalt	0.00043J	mg/L	0.0050	02/18/22 16:32	
EPA 6020B	Nickel	0.0011J	mg/L	0.0050	02/18/22 16:32	
SM 2540C-2015	Total Dissolved Solids	21.0	mg/L	10.0	02/08/22 11:14	
SM 2320B	Alkalinity, Total as CaCO3	2.5J	mg/L	5.0	02/10/22 21:57	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	2.5J	mg/L	5.0	02/10/22 21:57	
EPA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	02/13/22 01:15	
EPA 300.0 Rev 2.1 1993	Sulfate	2.5	mg/L	1.0	02/13/22 01:15	
92586436015	GWC-12					
	Performed by	CUSTOMER			02/07/22 10:52	
	pH	6.35	Std. Units		02/07/22 10:52	
EPA 6010D	Zinc	0.019J	mg/L	0.020	02/18/22 17:22	
EPA 6010D	Potassium	1.1	mg/L	0.20	02/18/22 17:22	
EPA 6010D	Sodium	2.1	mg/L	1.0	02/18/22 17:22	
EPA 6010D	Calcium	8.4	mg/L	1.0	02/18/22 17:22	
EPA 6010D	Magnesium	4.4	mg/L	0.050	02/18/22 17:22	
EPA 6020B	Arsenic	0.0027J	mg/L	0.0050	02/18/22 16:38	
EPA 6020B	Barium	0.023	mg/L	0.0050	02/18/22 16:38	
EPA 6020B	Cadmium	0.0012	mg/L	0.00050	02/18/22 16:38	
EPA 6020B	Cobalt	0.0034J	mg/L	0.0050	02/18/22 16:38	
EPA 6020B	Nickel	0.0025J	mg/L	0.0050	02/18/22 16:38	
SM 2540C-2015	Total Dissolved Solids	54.0	mg/L	10.0	02/08/22 11:14	
SM 2320B	Alkalinity, Total as CaCO3	55.9	mg/L	5.0	02/10/22 21:19	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	55.9	mg/L	5.0	02/10/22 21:19	
EPA 300.0 Rev 2.1 1993	Chloride	0.79J	mg/L	1.0	02/13/22 01:28	
92586436016	GWA-50R					
	Performed by	CUSTOMER			02/07/22 10:52	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436016	GWA-50R					
	pH	5.17	Std. Units		02/07/22 10:52	
EPA 6010D	Potassium	0.20	mg/L	0.20	02/18/22 17:36	
EPA 6010D	Sodium	0.94J	mg/L	1.0	02/18/22 17:36	
EPA 6010D	Calcium	0.93J	mg/L	1.0	02/18/22 17:36	
EPA 6010D	Magnesium	0.34	mg/L	0.050	02/18/22 17:36	
EPA 6020B	Barium	0.0090	mg/L	0.0050	02/18/22 17:13	
EPA 6020B	Beryllium	0.000055J	mg/L	0.00050	02/18/22 17:13	
EPA 6020B	Copper	0.0033J	mg/L	0.0050	02/18/22 17:13	
EPA 6020B	Nickel	0.00089J	mg/L	0.0050	02/18/22 17:13	
EPA 6020B	Silver	0.0012J	mg/L	0.0050	02/18/22 17:13	
SM 2540C-2015	Total Dissolved Solids	15.0	mg/L	10.0	02/08/22 11:15	
SM 2320B	Alkalinity, Total as CaCO3	2.9J	mg/L	5.0	02/10/22 22:00	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	2.9J	mg/L	5.0	02/10/22 22:00	
EPA 300.0 Rev 2.1 1993	Chloride	0.70J	mg/L	1.0	02/13/22 01:42	
EPA 300.0 Rev 2.1 1993	Sulfate	0.53J	mg/L	1.0	02/13/22 01:42	
92586436017	DUP-2					
EPA 6010D	Potassium	0.97	mg/L	0.20	02/18/22 17:41	
EPA 6010D	Sodium	1.2	mg/L	1.0	02/18/22 17:41	
EPA 6010D	Calcium	2.3	mg/L	1.0	02/18/22 17:41	
EPA 6010D	Magnesium	1.2	mg/L	0.050	02/18/22 17:41	
EPA 6020B	Barium	0.045	mg/L	0.0050	02/18/22 17:19	
EPA 6020B	Beryllium	0.00018J	mg/L	0.00050	02/18/22 17:19	
EPA 6020B	Cobalt	0.00042J	mg/L	0.0050	02/18/22 17:19	
EPA 6020B	Nickel	0.0011J	mg/L	0.0050	02/18/22 17:19	
SM 2540C-2015	Total Dissolved Solids	27.0	mg/L	10.0	02/08/22 11:15	
SM 2320B	Alkalinity, Total as CaCO3	2.6J	mg/L	5.0	02/10/22 22:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	2.6J	mg/L	5.0	02/10/22 22:03	
EPA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	02/13/22 01:56	
EPA 300.0 Rev 2.1 1993	Sulfate	2.5	mg/L	1.0	02/13/22 01:56	
92586436019	GWA-4RZ					
	Performed by	CUSTOMER			02/07/22 10:52	
	pH	7.20	Std. Units		02/07/22 10:52	
EPA 6010D	Potassium	0.88	mg/L	0.20	02/18/22 18:15	
EPA 6010D	Sodium	3.8	mg/L	1.0	02/18/22 18:15	
EPA 6010D	Calcium	57.7	mg/L	1.0	02/18/22 18:15	M1
EPA 6010D	Magnesium	24.6	mg/L	0.050	02/18/22 18:15	M1
EPA 6020B	Arsenic	0.0034J	mg/L	0.0050	02/18/22 17:31	
EPA 6020B	Barium	0.063	mg/L	0.0050	02/18/22 17:31	
EPA 6020B	Cobalt	0.0059	mg/L	0.0050	02/18/22 17:31	
SM 2540C-2015	Total Dissolved Solids	243	mg/L	10.0	02/09/22 10:14	
SM 2320B	Alkalinity, Total as CaCO3	221	mg/L	5.0	02/15/22 17:21	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	221	mg/L	5.0	02/15/22 17:21	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	02/13/22 02:52	
EPA 300.0 Rev 2.1 1993	Fluoride	0.15	mg/L	0.10	02/13/22 02:52	
EPA 300.0 Rev 2.1 1993	Sulfate	20.7	mg/L	1.0	02/13/22 02:52	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436020	FB-3					
SM 2540C-2015	Total Dissolved Solids	12.0	mg/L	10.0	02/09/22 10:14	
92586436021	GWC-10					
	Performed by	CUSTOMER			02/08/22 10:30	
	pH	6.53	Std. Units		02/08/22 10:30	
EPA 6010D	Potassium	0.51	mg/L	0.20	02/18/22 18:48	
EPA 6010D	Sodium	2.1	mg/L	1.0	02/18/22 18:48	
EPA 6010D	Calcium	21.3	mg/L	1.0	02/18/22 18:48	
EPA 6010D	Magnesium	9.0	mg/L	0.050	02/18/22 18:48	
EPA 6020B	Arsenic	0.0023J	mg/L	0.0050	02/18/22 19:37	B
EPA 6020B	Barium	0.022	mg/L	0.0050	02/18/22 19:37	
EPA 6020B	Beryllium	0.00021J	mg/L	0.00050	02/18/22 19:37	
EPA 6020B	Cobalt	0.0018J	mg/L	0.0050	02/18/22 19:37	
EPA 6020B	Nickel	0.0014J	mg/L	0.0050	02/18/22 19:37	
SM 2540C-2015	Total Dissolved Solids	102	mg/L	10.0	02/11/22 10:44	
SM 2320B	Alkalinity, Total as CaCO3	88.6	mg/L	5.0	02/10/22 20:43	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	88.6	mg/L	5.0	02/10/22 20:43	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	02/14/22 12:50	
EPA 300.0 Rev 2.1 1993	Sulfate	1.2	mg/L	1.0	02/14/22 12:50	
92586436022	GWC-10R					
	Performed by	CUSTOMER			02/08/22 10:31	
	pH	7.69	Std. Units		02/08/22 10:31	
EPA 6010D	Potassium	0.71	mg/L	0.20	02/18/22 18:53	
EPA 6010D	Sodium	2.0	mg/L	1.0	02/18/22 18:53	
EPA 6010D	Calcium	46.3	mg/L	1.0	02/18/22 18:53	
EPA 6010D	Magnesium	8.9	mg/L	0.050	02/18/22 18:53	
EPA 6020B	Antimony	0.0016J	mg/L	0.0030	02/18/22 20:00	
EPA 6020B	Arsenic	0.0019J	mg/L	0.0050	02/18/22 20:00	B
EPA 6020B	Barium	0.028	mg/L	0.0050	02/18/22 20:00	
SM 2540C-2015	Total Dissolved Solids	156	mg/L	10.0	02/11/22 10:44	
SM 2320B	Alkalinity, Total as CaCO3	144	mg/L	5.0	02/10/22 20:49	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	144	mg/L	5.0	02/10/22 20:49	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/14/22 13:04	
EPA 300.0 Rev 2.1 1993	Sulfate	1.1	mg/L	1.0	02/14/22 13:04	
92586436023	GWC-11					
	Performed by	CUSTOMER			02/08/22 10:31	
	pH	7.20	Std. Units		02/08/22 10:31	
EPA 6010D	Potassium	0.83	mg/L	0.20	02/18/22 18:58	
EPA 6010D	Sodium	1.4	mg/L	1.0	02/18/22 18:58	
EPA 6010D	Calcium	19.2	mg/L	1.0	02/18/22 18:58	
EPA 6010D	Magnesium	10.2	mg/L	0.050	02/18/22 18:58	
EPA 6020B	Arsenic	0.0023J	mg/L	0.0050	02/18/22 20:06	B
EPA 6020B	Barium	0.010	mg/L	0.0050	02/18/22 20:06	
EPA 6020B	Chromium	0.0071	mg/L	0.0050	02/18/22 20:06	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436023	GWC-11					
SM 2540C-2015	Total Dissolved Solids	120	mg/L	10.0	02/11/22 10:44	
SM 2320B	Alkalinity, Total as CaCO3	99.4	mg/L	5.0	02/10/22 20:56	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	99.4	mg/L	5.0	02/10/22 20:56	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/14/22 18:49	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	02/14/22 18:49	
92586436024	GWC-11R					
	Performed by	CUSTOME			02/08/22 10:31	
		R				
	pH	7.58	Std. Units		02/08/22 10:31	
EPA 6010D	Potassium	1.1	mg/L	0.20	02/18/22 19:03	
EPA 6010D	Sodium	0.96J	mg/L	1.0	02/18/22 19:03	
EPA 6010D	Calcium	34.8	mg/L	1.0	02/18/22 19:03	
EPA 6010D	Magnesium	18.7	mg/L	0.050	02/18/22 19:03	
EPA 6020B	Arsenic	0.0035J	mg/L	0.0050	02/18/22 20:12	B
EPA 6020B	Barium	0.021	mg/L	0.0050	02/18/22 20:12	
EPA 6020B	Chromium	0.0042J	mg/L	0.0050	02/18/22 20:12	
SM 2540C-2015	Total Dissolved Solids	157	mg/L	10.0	02/11/22 10:44	
SM 2320B	Alkalinity, Total as CaCO3	147	mg/L	5.0	02/10/22 21:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	147	mg/L	5.0	02/10/22 21:03	
EPA 300.0 Rev 2.1 1993	Chloride	1.4	mg/L	1.0	02/14/22 19:34	
EPA 300.0 Rev 2.1 1993	Sulfate	1.5	mg/L	1.0	02/14/22 19:34	
92586436025	GWC-13RZ					
	Performed by	CUSTOME			02/08/22 10:31	
		R				
	pH	7.46	Std. Units		02/08/22 10:31	
EPA 6010D	Potassium	1.0	mg/L	0.20	02/18/22 19:07	
EPA 6010D	Sodium	24.1	mg/L	1.0	02/18/22 19:07	
EPA 6010D	Calcium	43.9	mg/L	1.0	02/18/22 19:07	
EPA 6010D	Magnesium	18.7	mg/L	0.050	02/18/22 19:07	
EPA 6020B	Arsenic	0.0035J	mg/L	0.0050	02/18/22 20:18	B
EPA 6020B	Barium	0.11	mg/L	0.0050	02/18/22 20:18	
EPA 6020B	Boron	0.017J	mg/L	0.040	02/18/22 20:18	
SM 2540C-2015	Total Dissolved Solids	262	mg/L	10.0	02/11/22 10:44	
SM 2320B	Alkalinity, Total as CaCO3	159	mg/L	5.0	02/10/22 21:11	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	159	mg/L	5.0	02/10/22 21:11	
EPA 300.0 Rev 2.1 1993	Chloride	6.1	mg/L	1.0	02/14/22 19:49	
EPA 300.0 Rev 2.1 1993	Fluoride	0.13	mg/L	0.10	02/14/22 19:49	
EPA 300.0 Rev 2.1 1993	Sulfate	63.1	mg/L	1.0	02/14/22 19:49	
92586436026	GWC-14Z					
	Performed by	CUSTOME			02/08/22 10:31	
		R				
	pH	6.06	Std. Units		02/08/22 10:31	
EPA 6010D	Potassium	1.2	mg/L	0.20	02/18/22 19:12	
EPA 6010D	Sodium	3.3	mg/L	1.0	02/18/22 19:12	
EPA 6010D	Calcium	14.3	mg/L	1.0	02/18/22 19:12	
EPA 6010D	Magnesium	6.3	mg/L	0.050	02/18/22 19:12	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92586436026	GWC-14Z					
EPA 6020B	Arsenic	0.0019J	mg/L	0.0050	02/18/22 20:36	B
EPA 6020B	Barium	0.014	mg/L	0.0050	02/18/22 20:36	
EPA 6020B	Beryllium	0.00011J	mg/L	0.00050	02/18/22 20:36	
SM 2540C-2015	Total Dissolved Solids	92.0	mg/L	10.0	02/11/22 10:45	
SM 2320B	Alkalinity, Total as CaCO3	49.6	mg/L	5.0	02/15/22 16:45	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	49.6	mg/L	5.0	02/15/22 16:45	
EPA 300.0 Rev 2.1 1993	Chloride	3.6	mg/L	1.0	02/14/22 20:34	
EPA 300.0 Rev 2.1 1993	Sulfate	6.4	mg/L	1.0	02/14/22 20:34	
92586436027	GWC-15R					
	Performed by	CUSTOMER			02/08/22 10:31	
	pH	7.61	Std. Units		02/08/22 10:31	
EPA 6010D	Potassium	0.97	mg/L	0.20	02/18/22 19:26	
EPA 6010D	Sodium	1.1	mg/L	1.0	02/18/22 19:26	
EPA 6010D	Calcium	41.7	mg/L	1.0	02/18/22 19:26	
EPA 6010D	Magnesium	20.1	mg/L	0.050	02/18/22 19:26	
EPA 6020B	Arsenic	0.0026J	mg/L	0.0050	02/18/22 20:42	B
EPA 6020B	Barium	0.017	mg/L	0.0050	02/18/22 20:42	
EPA 6020B	Nickel	0.00093J	mg/L	0.0050	02/18/22 20:42	
SM 2540C-2015	Total Dissolved Solids	162	mg/L	10.0	02/11/22 11:39	
SM 2320B	Alkalinity, Total as CaCO3	162	mg/L	5.0	02/15/22 16:49	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	162	mg/L	5.0	02/15/22 16:49	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/14/22 21:19	
EPA 300.0 Rev 2.1 1993	Sulfate	8.3	mg/L	1.0	02/14/22 21:19	
92586436028	DUP-3					
EPA 6010D	Potassium	1.0	mg/L	0.20	02/18/22 19:31	
EPA 6010D	Sodium	0.95J	mg/L	1.0	02/18/22 19:31	
EPA 6010D	Calcium	33.7	mg/L	1.0	02/18/22 19:31	
EPA 6010D	Magnesium	17.8	mg/L	0.050	02/18/22 19:31	
EPA 6020B	Antimony	0.00094J	mg/L	0.0030	02/18/22 20:48	
EPA 6020B	Arsenic	0.0035J	mg/L	0.0050	02/18/22 20:48	B
EPA 6020B	Barium	0.020	mg/L	0.0050	02/18/22 20:48	
EPA 6020B	Chromium	0.0041J	mg/L	0.0050	02/18/22 20:48	
SM 2540C-2015	Total Dissolved Solids	162	mg/L	10.0	02/11/22 11:39	
SM 2320B	Alkalinity, Total as CaCO3	148	mg/L	5.0	02/15/22 16:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	148	mg/L	5.0	02/15/22 16:53	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/14/22 21:34	
EPA 300.0 Rev 2.1 1993	Sulfate	1.5	mg/L	1.0	02/14/22 21:34	
92586436029	FB-4					
EPA 6020B	Arsenic	0.0019J	mg/L	0.0050	02/18/22 20:54	B
92586436030	GWC-15Z					
	Performed by	CUSTOMER			02/08/22 10:31	
	pH	7.83	Std. Units		02/08/22 10:31	
EPA 6010D	Potassium	0.96	mg/L	0.20	02/18/22 19:41	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92586436030	GWC-15Z					
EPA 6010D	Sodium	3.0	mg/L	1.0	02/18/22 19:41	
EPA 6010D	Calcium	26.1	mg/L	1.0	02/18/22 19:41	
EPA 6010D	Magnesium	14.0	mg/L	0.050	02/18/22 19:41	
EPA 6020B	Arsenic	0.0025J	mg/L	0.0050	02/18/22 21:00	B
EPA 6020B	Barium	0.012	mg/L	0.0050	02/18/22 21:00	
EPA 6020B	Chromium	0.0011J	mg/L	0.0050	02/18/22 21:00	
SM 2540C-2015	Total Dissolved Solids	121	mg/L	10.0	02/11/22 11:40	
SM 2320B	Alkalinity, Total as CaCO3	123	mg/L	5.0	02/15/22 17:01	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	123	mg/L	5.0	02/15/22 17:01	
EPA 300.0 Rev 2.1 1993	Chloride	0.60J	mg/L	1.0	02/14/22 22:04	
EPA 300.0 Rev 2.1 1993	Sulfate	0.64J	mg/L	1.0	02/14/22 22:04	
92586436031	FB-5					
EPA 6020B	Arsenic	0.0018J	mg/L	0.0050	02/18/22 21:12	B
92586436032	GWC-13					
	Performed by	CUSTOME			02/18/22 13:25	
	pH	7.24	Std. Units		02/18/22 13:25	
EPA 6010D	Potassium	1.9	mg/L	0.20	03/01/22 02:45	
EPA 6010D	Sodium	1.5	mg/L	1.0	03/01/22 02:45	
EPA 6010D	Calcium	29.3	mg/L	1.0	03/01/22 02:45	
EPA 6010D	Magnesium	10.9	mg/L	0.050	03/01/22 02:45	
EPA 6020B	Barium	0.020	mg/L	0.0050	02/25/22 23:19	
EPA 6020B	Beryllium	0.000089J	mg/L	0.00050	02/25/22 23:19	
EPA 6020B	Boron	0.015J	mg/L	0.040	02/25/22 23:19	
EPA 6020B	Chromium	0.0053	mg/L	0.0050	02/25/22 23:19	
SM 2540C-2015	Total Dissolved Solids	119	mg/L	10.0	02/23/22 16:01	
SM 2320B	Alkalinity, Total as CaCO3	109	mg/L	5.0	02/25/22 11:45	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	109	mg/L	5.0	02/25/22 11:45	
EPA 300.0 Rev 2.1 1993	Chloride	3.1	mg/L	1.0	02/25/22 08:51	
EPA 300.0 Rev 2.1 1993	Sulfate	6.9	mg/L	1.0	02/25/22 08:51	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-1 **Lab ID:** 92586436001 Collected: 02/01/22 14:50 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:49		
pH	7.52	Std. Units			1		02/07/22 10:49		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 15:52	7440-66-6	
Potassium	1.3	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 15:52	7440-09-7	
Sodium	6.5	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 15:52	7440-23-5	
Calcium	34.1	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 15:52	7440-70-2	
Magnesium	16.4	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 15:52	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	0.0028J	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 14:39	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 14:39	7440-38-2	
Barium	0.015	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 14:39	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 14:39	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 14:39	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 14:39	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 14:39	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 14:39	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 14:39	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 14:39	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 14:39	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 14:39	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 14:39	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 14:39	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 14:39	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:09	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	143	mg/L	10.0	10.0	1		02/07/22 17:20		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	161	mg/L	5.0	1.8	1		02/10/22 16:44		
Alkalinity,Bicarbonate (CaCO3)	161	mg/L	5.0	1.8	1		02/10/22 16:44		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 16:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-1 Lab ID: 92586436001 Collected: 02/01/22 14:50 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.2	mg/L	1.0	0.60	1		02/12/22 19:54	16887-00-6	M1
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 19:54	16984-48-8	M1
Sulfate	0.93J	mg/L	1.0	0.50	1		02/12/22 19:54	14808-79-8	M1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-2 **Lab ID: 92586436002** Collected: 02/01/22 14:44 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:50		
pH	6.30	Std. Units			1		02/07/22 10:50		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 15:56	7440-66-6	
Potassium	0.88	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 15:56	7440-09-7	
Sodium	1.9	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 15:56	7440-23-5	
Calcium	48.0	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 15:56	7440-70-2	M1
Magnesium	14.0	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 15:56	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 14:45	7440-36-0	
Arsenic	0.0019J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 14:45	7440-38-2	
Barium	0.026	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 14:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 14:45	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 14:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 14:45	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 14:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 14:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 14:45	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 14:45	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 14:45	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 14:45	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 14:45	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 14:45	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 14:45	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:11	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	202	mg/L	10.0	10.0	1		02/07/22 17:21		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	80.9	mg/L	5.0	1.8	1		02/10/22 17:00		
Alkalinity,Bicarbonate (CaCO3)	80.9	mg/L	5.0	1.8	1		02/10/22 17:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 17:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-2 Lab ID: 92586436002 Collected: 02/01/22 14:44 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.4	mg/L	1.0	0.60	1		02/12/22 21:04	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 21:04	16984-48-8	
Sulfate	86.1	mg/L	1.0	0.50	1		02/12/22 21:04	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: GWA-2R **Lab ID: 92586436003** Collected: 02/01/22 15:45 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:50		
pH	6.62	Std. Units			1		02/07/22 10:50		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 16:16	7440-66-6	
Potassium	0.67	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 16:16	7440-09-7	
Sodium	1.1	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 16:16	7440-23-5	
Calcium	34.1	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 16:16	7440-70-2	
Magnesium	11.1	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 16:16	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	0.0029J	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 14:51	7440-36-0	
Arsenic	0.0053	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 14:51	7440-38-2	
Barium	0.024	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 14:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 14:51	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 14:51	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 14:51	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 14:51	7440-47-3	
Cobalt	0.00093J	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 14:51	7440-48-4	
Copper	0.00096J	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 14:51	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 14:51	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 14:51	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 14:51	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 14:51	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 14:51	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 14:51	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:19	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	114	mg/L	10.0	10.0	1		02/07/22 17:21		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	122	mg/L	5.0	1.8	1		02/10/22 17:06		
Alkalinity,Bicarbonate (CaCO3)	122	mg/L	5.0	1.8	1		02/10/22 17:06		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 17:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-2R **Lab ID: 92586436003** Collected: 02/01/22 15:45 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.77J	mg/L	1.0	0.60	1		02/12/22 21:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 21:18	16984-48-8	
Sulfate	1.5	mg/L	1.0	0.50	1		02/12/22 21:18	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-50 **Lab ID: 92586436004** Collected: 02/01/22 15:40 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:50		
pH	5.61	Std. Units			1		02/07/22 10:50		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 16:20	7440-66-6	
Potassium	0.25	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 16:20	7440-09-7	
Sodium	1.7	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 16:20	7440-23-5	
Calcium	1.5	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 16:20	7440-70-2	
Magnesium	0.31	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 16:20	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	0.0015J	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 15:15	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:15	7440-38-2	
Barium	0.0065	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 15:15	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 15:15	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 15:15	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 15:15	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:15	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 15:15	7440-48-4	
Copper	0.0017J	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 15:15	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 15:15	7439-92-1	
Nickel	0.00080J	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 15:15	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 15:15	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 15:15	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 15:15	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 15:15	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:22	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	21.0	mg/L	10.0	10.0	1		02/07/22 17:21		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	4.7J	mg/L	5.0	1.8	1		02/10/22 19:19		
Alkalinity,Bicarbonate (CaCO3)	4.7J	mg/L	5.0	1.8	1		02/10/22 19:19		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 19:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: **GWA-50** Lab ID: **92586436004** Collected: 02/01/22 15:40 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.91J	mg/L	1.0	0.60	1		02/12/22 21:32	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 21:32	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/12/22 21:32	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: DUP-1		Lab ID: 92586436005		Collected: 02/01/22 00:00	Received: 02/04/22 11:45	Matrix: Water			
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 16:25	7440-66-6	
Potassium	0.71	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 16:25	7440-09-7	
Sodium	1.1	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 16:25	7440-23-5	
Calcium	33.8	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 16:25	7440-70-2	
Magnesium	11.0	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 16:25	7439-95-4	
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA							
Antimony	0.0033	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 15:21	7440-36-0	
Arsenic	0.0037J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:21	7440-38-2	
Barium	0.024	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 15:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 15:21	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 15:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 15:21	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:21	7440-47-3	
Cobalt	0.00090J	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 15:21	7440-48-4	
Copper	0.00078J	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 15:21	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 15:21	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 15:21	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 15:21	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 15:21	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 15:21	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 15:21	7440-62-2	
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA							
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:25	7439-97-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	118	mg/L	10.0	10.0	1		02/07/22 17:21		
2320B Alkalinity		Analytical Method: SM 2320B Pace Analytical Services - Minneapolis							
Alkalinity, Total as CaCO3	120	mg/L	5.0	1.8	1		02/10/22 17:15		
Alkalinity,Bicarbonate (CaCO3)	120	mg/L	5.0	1.8	1		02/10/22 17:15		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 17:15		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	0.77J	mg/L	1.0	0.60	1		02/12/22 21:46	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 21:46	16984-48-8	
Sulfate	1.5	mg/L	1.0	0.50	1		02/12/22 21:46	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: FB-1		Lab ID: 92586436006		Collected: 02/01/22 16:00	Received: 02/04/22 11:45	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual	
			Limit	MDL	DF					
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 16:39	7440-66-6		
Potassium	ND	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 16:39	7440-09-7		
Sodium	ND	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 16:39	7440-23-5		
Calcium	ND	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 16:39	7440-70-2		
Magnesium	ND	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 16:39	7439-95-4		
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 15:44	7440-36-0		
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:44	7440-38-2		
Barium	ND	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 15:44	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 15:44	7440-41-7		
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 15:44	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 15:44	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:44	7440-47-3		
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 15:44	7440-48-4		
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 15:44	7440-50-8		
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 15:44	7439-92-1		
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 15:44	7440-02-0		
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 15:44	7782-49-2		
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 15:44	7440-22-4		
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 15:44	7440-28-0		
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 15:44	7440-62-2		
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:27	7439-97-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/07/22 17:21			
2320B Alkalinity		Analytical Method: SM 2320B Pace Analytical Services - Minneapolis								
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/10/22 17:21			
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 17:21			
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 17:21			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/12/22 22:00	16887-00-6		
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 22:00	16984-48-8		
Sulfate	ND	mg/L	1.0	0.50	1		02/12/22 22:00	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-3A **Lab ID: 92586436007** Collected: 02/02/22 12:08 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:50		
pH	7.94	Std. Units			1		02/07/22 10:50		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 16:44	7440-66-6	
Potassium	1.2	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 16:44	7440-09-7	
Sodium	3.5	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 16:44	7440-23-5	
Calcium	22.6	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 16:44	7440-70-2	
Magnesium	11.3	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 16:44	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 15:50	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:50	7440-38-2	
Barium	0.0064	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 15:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 15:50	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 15:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 15:50	7440-43-9	
Chromium	0.0069	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 15:50	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 15:50	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 15:50	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 15:50	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 15:50	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 15:50	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 15:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 15:50	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:30	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	104	mg/L	10.0	10.0	1		02/08/22 11:13		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	97.5	mg/L	5.0	1.8	1		02/10/22 20:33		
Alkalinity,Bicarbonate (CaCO3)	97.5	mg/L	5.0	1.8	1		02/10/22 20:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 20:33		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-3A **Lab ID: 92586436007** Collected: 02/02/22 12:08 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.9	mg/L	1.0	0.60	1		02/12/22 22:14	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 22:14	16984-48-8	
Sulfate	3.4	mg/L	1.0	0.50	1		02/12/22 22:14	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-5 **Lab ID: 92586436008** Collected: 02/02/22 11:34 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:50		
pH	5.90	Std. Units			1		02/07/22 10:50		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	0.034	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 16:49	7440-66-6	
Potassium	1.8	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 16:49	7440-09-7	
Sodium	1.7	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 16:49	7440-23-5	
Calcium	3.7	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 16:49	7440-70-2	
Magnesium	0.27	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 16:49	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 15:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:56	7440-38-2	
Barium	0.012	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 15:56	7440-39-3	
Beryllium	0.00075	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 15:56	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 15:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 15:56	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 15:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 15:56	7440-48-4	
Copper	0.024	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 15:56	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 15:56	7439-92-1	
Nickel	0.0088	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 15:56	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 15:56	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 15:56	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 15:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 15:56	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:32	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	32.0	mg/L	10.0	10.0	1		02/08/22 11:13		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	11.9	mg/L	5.0	1.8	1		02/10/22 21:53		
Alkalinity,Bicarbonate (CaCO3)	11.9	mg/L	5.0	1.8	1		02/10/22 21:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 21:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-5 Lab ID: 92586436008 Collected: 02/02/22 11:34 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.66J	mg/L	1.0	0.60	1		02/12/22 22:27	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 22:27	16984-48-8	
Sulfate	1.0	mg/L	1.0	0.50	1		02/12/22 22:27	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: GWC-6	Lab ID: 92586436009	Collected: 02/02/22 15:22	Received: 02/04/22 11:45	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 10:51		
pH	7.40	Std. Units			1		02/07/22 10:51		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 16:54	7440-66-6	
Potassium	1.1	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 16:54	7440-09-7	
Sodium	1.0	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 16:54	7440-23-5	
Calcium	15.5	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 16:54	7440-70-2	
Magnesium	7.6	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 16:54	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 16:02	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:02	7440-38-2	
Barium	0.0064	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 16:02	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 16:02	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 16:02	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 16:02	7440-43-9	
Chromium	0.0026J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 16:02	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 16:02	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 16:02	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 16:02	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 16:02	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 16:02	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 16:02	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 16:02	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:35	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	73.0	mg/L	10.0	10.0	1		02/08/22 11:13		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	63.7	mg/L	5.0	1.8	1		02/10/22 20:40		
Alkalinity,Bicarbonate (CaCO3)	63.7	mg/L	5.0	1.8	1		02/10/22 20:40		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 20:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-6 Lab ID: 92586436009 Collected: 02/02/22 15:22 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.1	mg/L	1.0	0.60	1		02/12/22 22:41	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 22:41	16984-48-8	
Sulfate	1.7	mg/L	1.0	0.50	1		02/12/22 22:41	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: GWC-6RZ **Lab ID: 92586436010** Collected: 02/02/22 14:00 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:51		
pH	6.80	Std. Units			1		02/07/22 10:51		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 16:58	7440-66-6	
Potassium	0.79	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 16:58	7440-09-7	
Sodium	1.6	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 16:58	7440-23-5	
Calcium	10.5	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 16:58	7440-70-2	
Magnesium	5.4	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 16:58	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 16:08	7440-36-0	
Arsenic	0.0012J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:08	7440-38-2	
Barium	0.0066	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 16:08	7440-39-3	
Beryllium	0.000070J	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 16:08	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 16:08	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 16:08	7440-43-9	
Chromium	0.0024J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 16:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 16:08	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 16:08	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 16:08	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 16:08	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 16:08	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 16:08	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 16:08	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:38	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	51.0	mg/L	10.0	10.0	1		02/08/22 11:13		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	43.6	mg/L	5.0	1.8	1		02/10/22 20:44		
Alkalinity,Bicarbonate (CaCO3)	43.6	mg/L	5.0	1.8	1		02/10/22 20:44		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 20:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-6RZ **Lab ID: 92586436010** Collected: 02/02/22 14:00 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.3	mg/L	1.0	0.60	1		02/12/22 22:55	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/12/22 22:55	16984-48-8	
Sulfate	1.5	mg/L	1.0	0.50	1		02/12/22 22:55	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: GWC-7Z	Lab ID: 92586436011	Collected: 02/02/22 12:15	Received: 02/04/22 11:45	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 10:51		
pH	7.54	Std. Units			1		02/07/22 10:51		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 17:03	7440-66-6	
Potassium	0.97	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 17:03	7440-09-7	
Sodium	2.7	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 17:03	7440-23-5	
Calcium	26.9	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 17:03	7440-70-2	
Magnesium	13.4	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 17:03	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	0.00093J	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 16:14	7440-36-0	
Arsenic	0.0020J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:14	7440-38-2	
Barium	0.015	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 16:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 16:14	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 16:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 16:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:14	7440-47-3	
Cobalt	0.00042J	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 16:14	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 16:14	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 16:14	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 16:14	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 16:14	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 16:14	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 16:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 16:14	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:46	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	115	mg/L	10.0	10.0	1		02/08/22 11:14		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	123	mg/L	5.0	1.8	1		02/10/22 20:48		
Alkalinity,Bicarbonate (CaCO3)	123	mg/L	5.0	1.8	1		02/10/22 20:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 20:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-7Z **Lab ID: 92586436011** Collected: 02/02/22 12:15 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.76J	mg/L	1.0	0.60	1		02/13/22 00:05	16887-00-6	M1
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 00:05	16984-48-8	M1
Sulfate	1.3	mg/L	1.0	0.50	1		02/13/22 00:05	14808-79-8	M1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-8Z **Lab ID: 92586436012** Collected: 02/02/22 14:24 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:51		
pH	8.92	Std. Units			1		02/07/22 10:51		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 17:08	7440-66-6	
Potassium	1.8	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 17:08	7440-09-7	
Sodium	2.1	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 17:08	7440-23-5	
Calcium	20.8	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 17:08	7440-70-2	
Magnesium	7.0	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 17:08	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 16:20	7440-36-0	
Arsenic	0.0011J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:20	7440-38-2	
Barium	0.024	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 16:20	7440-39-3	
Beryllium	0.000064J	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 16:20	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 16:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 16:20	7440-43-9	
Chromium	0.0021J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 16:20	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 16:20	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 16:20	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 16:20	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 16:20	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 16:20	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 16:20	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 16:20	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:48	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	85.0	mg/L	10.0	10.0	1		02/08/22 11:14		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	76.7	mg/L	5.0	1.8	1		02/10/22 20:52		
Alkalinity,Bicarbonate (CaCO3)	76.7	mg/L	5.0	1.8	1		02/10/22 20:52		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 20:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-8Z **Lab ID: 92586436012** Collected: 02/02/22 14:24 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.4	mg/L	1.0	0.60	1		02/13/22 00:47	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 00:47	16984-48-8	
Sulfate	0.72J	mg/L	1.0	0.50	1		02/13/22 00:47	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-8RR **Lab ID: 92586436013** Collected: 02/02/22 16:16 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:51		
pH	8.13	Std. Units			1		02/07/22 10:51		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 17:13	7440-66-6	
Potassium	1.3	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 17:13	7440-09-7	
Sodium	0.81J	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 17:13	7440-23-5	
Calcium	23.9	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 17:13	7440-70-2	
Magnesium	11.0	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 17:13	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	0.0015J	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 16:26	7440-36-0	
Arsenic	0.0013J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:26	7440-38-2	
Barium	0.013	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 16:26	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 16:26	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 16:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 16:26	7440-43-9	
Chromium	0.0015J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 16:26	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 16:26	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 16:26	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 16:26	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 16:26	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 16:26	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 16:26	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 16:26	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:51	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	102	mg/L	10.0	10.0	1		02/08/22 11:14		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	102	mg/L	5.0	1.8	1		02/10/22 21:12		
Alkalinity,Bicarbonate (CaCO3)	102	mg/L	5.0	1.8	1		02/10/22 21:12		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 21:12		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-8RR Lab ID: 92586436013 Collected: 02/02/22 16:16 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.77J	mg/L	1.0	0.60	1		02/13/22 01:01	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 01:01	16984-48-8	
Sulfate	0.72J	mg/L	1.0	0.50	1		02/13/22 01:01	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-9 **Lab ID: 92586436014** Collected: 02/02/22 15:02 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:51		
pH	4.81	Std. Units			1		02/07/22 10:51		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 17:17	7440-66-6	
Potassium	0.92	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 17:17	7440-09-7	
Sodium	1.2	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 17:17	7440-23-5	
Calcium	2.2	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 17:17	7440-70-2	
Magnesium	1.2	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 17:17	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 16:32	7440-36-0	
Arsenic	0.0013J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:32	7440-38-2	
Barium	0.044	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 16:32	7440-39-3	
Beryllium	0.00018J	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 16:32	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 16:32	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 16:32	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:32	7440-47-3	
Cobalt	0.00043J	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 16:32	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 16:32	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 16:32	7439-92-1	
Nickel	0.0011J	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 16:32	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 16:32	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 16:32	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 16:32	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 16:32	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:53	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	21.0	mg/L	10.0	10.0	1		02/08/22 11:14		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	2.5J	mg/L	5.0	1.8	1		02/10/22 21:57		
Alkalinity,Bicarbonate (CaCO3)	2.5J	mg/L	5.0	1.8	1		02/10/22 21:57		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 21:57		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-9 **Lab ID: 92586436014** Collected: 02/02/22 15:02 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.1	mg/L	1.0	0.60	1		02/13/22 01:15	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 01:15	16984-48-8	
Sulfate	2.5	mg/L	1.0	0.50	1		02/13/22 01:15	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-12 **Lab ID: 92586436015** Collected: 02/02/22 15:55 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:52		
pH	6.35	Std. Units			1		02/07/22 10:52		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	0.019J	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 17:22	7440-66-6	
Potassium	1.1	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 17:22	7440-09-7	
Sodium	2.1	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 17:22	7440-23-5	
Calcium	8.4	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 17:22	7440-70-2	
Magnesium	4.4	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 17:22	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 16:38	7440-36-0	
Arsenic	0.0027J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:38	7440-38-2	
Barium	0.023	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 16:38	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 16:38	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 16:38	7440-42-8	
Cadmium	0.0012	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 16:38	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 16:38	7440-47-3	
Cobalt	0.0034J	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 16:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 16:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 16:38	7439-92-1	
Nickel	0.0025J	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 16:38	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 16:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 16:38	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 16:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 16:38	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:56	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	54.0	mg/L	10.0	10.0	1		02/08/22 11:14		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	55.9	mg/L	5.0	1.8	1		02/10/22 21:19		
Alkalinity,Bicarbonate (CaCO3)	55.9	mg/L	5.0	1.8	1		02/10/22 21:19		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 21:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-12 Lab ID: 92586436015 Collected: 02/02/22 15:55 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.79J	mg/L	1.0	0.60	1		02/13/22 01:28	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 01:28	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/13/22 01:28	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-50R **Lab ID: 92586436016** Collected: 02/02/22 10:12 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/07/22 10:52		
pH	5.17	Std. Units			1		02/07/22 10:52		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 17:36	7440-66-6	
Potassium	0.20	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 17:36	7440-09-7	
Sodium	0.94J	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 17:36	7440-23-5	
Calcium	0.93J	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 17:36	7440-70-2	
Magnesium	0.34	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 17:36	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 17:13	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:13	7440-38-2	
Barium	0.0090	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 17:13	7440-39-3	
Beryllium	0.000055J	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 17:13	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 17:13	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 17:13	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 17:13	7440-48-4	
Copper	0.0033J	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 17:13	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 17:13	7439-92-1	
Nickel	0.00089J	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 17:13	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 17:13	7782-49-2	
Silver	0.0012J	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 17:13	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 17:13	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 17:13	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 11:59	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	15.0	mg/L	10.0	10.0	1		02/08/22 11:15		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	2.9J	mg/L	5.0	1.8	1		02/10/22 22:00		
Alkalinity,Bicarbonate (CaCO3)	2.9J	mg/L	5.0	1.8	1		02/10/22 22:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 22:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-50R **Lab ID: 92586436016** Collected: 02/02/22 10:12 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.70J	mg/L	1.0	0.60	1		02/13/22 01:42	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 01:42	16984-48-8	
Sulfate	0.53J	mg/L	1.0	0.50	1		02/13/22 01:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: DUP-2 **Lab ID: 92586436017** Collected: 02/02/22 00:00 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 17:41	7440-66-6	
Potassium	0.97	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 17:41	7440-09-7	
Sodium	1.2	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 17:41	7440-23-5	
Calcium	2.3	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 17:41	7440-70-2	
Magnesium	1.2	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 17:41	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 17:19	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:19	7440-38-2	
Barium	0.045	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 17:19	7440-39-3	
Beryllium	0.00018J	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 17:19	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 17:19	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 17:19	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:19	7440-47-3	
Cobalt	0.00042J	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 17:19	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 17:19	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 17:19	7439-92-1	
Nickel	0.0011J	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 17:19	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 17:19	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 17:19	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 17:19	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 17:19	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 12:01	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	27.0	mg/L	10.0	10.0	1		02/08/22 11:15		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	2.6J	mg/L	5.0	1.8	1		02/10/22 22:03		
Alkalinity,Bicarbonate (CaCO3)	2.6J	mg/L	5.0	1.8	1		02/10/22 22:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 22:03		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.1	mg/L	1.0	0.60	1		02/13/22 01:56	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 01:56	16984-48-8	
Sulfate	2.5	mg/L	1.0	0.50	1		02/13/22 01:56	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: FB-2 **Lab ID: 92586436018** Collected: 02/02/22 16:14 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:02	02/18/22 17:46	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/18/22 08:02	02/18/22 17:46	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/18/22 08:02	02/18/22 17:46	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/18/22 08:02	02/18/22 17:46	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/18/22 08:02	02/18/22 17:46	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 17:25	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:25	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 17:25	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 17:25	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 17:25	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 17:25	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:25	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 17:25	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 17:25	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 17:25	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 17:25	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 17:25	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 17:25	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 17:25	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 17:25	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 12:46	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/08/22 11:15		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/10/22 21:29		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 21:29		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 21:29		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/13/22 02:38	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 02:38	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/13/22 02:38	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-4RZ **Lab ID: 92586436019** Collected: 02/03/22 10:55 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/07/22 10:52		
pH	7.20	Std. Units			1		02/07/22 10:52		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 18:15	7440-66-6	
Potassium	0.88	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 18:15	7440-09-7	
Sodium	3.8	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 18:15	7440-23-5	
Calcium	57.7	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 18:15	7440-70-2	M1
Magnesium	24.6	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 18:15	7439-95-4	M1
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 17:31	7440-36-0	
Arsenic	0.0034J	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:31	7440-38-2	
Barium	0.063	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 17:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 17:31	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 17:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 17:31	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:31	7440-47-3	
Cobalt	0.0059	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 17:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 17:31	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 17:31	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 17:31	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 17:31	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 17:31	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 17:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 17:31	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 12:49	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	243	mg/L	10.0	10.0	1		02/09/22 10:14		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	221	mg/L	5.0	1.8	1		02/15/22 17:21		
Alkalinity,Bicarbonate (CaCO3)	221	mg/L	5.0	1.8	1		02/15/22 17:21		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 17:21		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWA-4RZ **Lab ID: 92586436019** Collected: 02/03/22 10:55 Received: 02/04/22 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.6	mg/L	1.0	0.60	1		02/13/22 02:52	16887-00-6	
Fluoride	0.15	mg/L	0.10	0.050	1		02/13/22 02:52	16984-48-8	
Sulfate	20.7	mg/L	1.0	0.50	1		02/13/22 02:52	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: FB-3		Lab ID: 92586436020		Collected: 02/03/22 12:00	Received: 02/04/22 11:45	Matrix: Water				
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual	
			Limit	MDL	DF					
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 18:44	7440-66-6		
Potassium	ND	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 18:44	7440-09-7		
Sodium	ND	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 18:44	7440-23-5		
Calcium	ND	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 18:44	7440-70-2		
Magnesium	ND	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 18:44	7439-95-4		
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 07:59	02/18/22 17:43	7440-36-0		
Arsenic	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:43	7440-38-2		
Barium	ND	mg/L	0.0050	0.00067	1	02/18/22 07:59	02/18/22 17:43	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 07:59	02/18/22 17:43	7440-41-7		
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 07:59	02/18/22 17:43	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 07:59	02/18/22 17:43	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 07:59	02/18/22 17:43	7440-47-3		
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 07:59	02/18/22 17:43	7440-48-4		
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 07:59	02/18/22 17:43	7440-50-8		
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 07:59	02/18/22 17:43	7439-92-1		
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 07:59	02/18/22 17:43	7440-02-0		
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 07:59	02/18/22 17:43	7782-49-2		
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 07:59	02/18/22 17:43	7440-22-4		
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 07:59	02/18/22 17:43	7440-28-0		
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 07:59	02/18/22 17:43	7440-62-2		
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 12:51	7439-97-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	12.0	mg/L	10.0	10.0	1		02/09/22 10:14			
2320B Alkalinity		Analytical Method: SM 2320B Pace Analytical Services - Minneapolis								
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/15/22 17:26			
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 17:26			
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 17:26			
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/13/22 03:06	16887-00-6		
Fluoride	ND	mg/L	0.10	0.050	1		02/13/22 03:06	16984-48-8		
Sulfate	ND	mg/L	1.0	0.50	1		02/13/22 03:06	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-10 **Lab ID: 92586436021** Collected: 02/04/22 11:15 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/08/22 10:30		
pH	6.53	Std. Units			1		02/08/22 10:30		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 18:48	7440-66-6	
Potassium	0.51	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 18:48	7440-09-7	
Sodium	2.1	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 18:48	7440-23-5	
Calcium	21.3	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 18:48	7440-70-2	
Magnesium	9.0	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 18:48	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 19:37	7440-36-0	
Arsenic	0.0023J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 19:37	7440-38-2	B
Barium	0.022	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 19:37	7440-39-3	
Beryllium	0.00021J	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 19:37	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 19:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 19:37	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 19:37	7440-47-3	
Cobalt	0.0018J	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 19:37	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 19:37	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 19:37	7439-92-1	
Nickel	0.0014J	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 19:37	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 19:37	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 19:37	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 19:37	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 19:37	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 12:54	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	102	mg/L	10.0	10.0	1		02/11/22 10:44		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	88.6	mg/L	5.0	1.8	1		02/10/22 20:43		
Alkalinity,Bicarbonate (CaCO3)	88.6	mg/L	5.0	1.8	1		02/10/22 20:43		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 20:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: **GWC-10** Lab ID: **92586436021** Collected: 02/04/22 11:15 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.9	mg/L	1.0	0.60	1		02/14/22 12:50	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 12:50	16984-48-8	
Sulfate	1.2	mg/L	1.0	0.50	1		02/14/22 12:50	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: GWC-10R		Lab ID: 92586436022		Collected: 02/04/22 12:40	Received: 02/08/22 08:10	Matrix: Water			
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		02/08/22 10:31		
pH	7.69	Std. Units			1		02/08/22 10:31		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 18:53	7440-66-6	
Potassium	0.71	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 18:53	7440-09-7	
Sodium	2.0	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 18:53	7440-23-5	
Calcium	46.3	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 18:53	7440-70-2	
Magnesium	8.9	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 18:53	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	0.0016J	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 20:00	7440-36-0	
Arsenic	0.0019J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:00	7440-38-2	B
Barium	0.028	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 20:00	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 20:00	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 20:00	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 20:00	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:00	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 20:00	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 20:00	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 20:00	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 20:00	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 20:00	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 20:00	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 20:00	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 20:00	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 12:56	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	156	mg/L	10.0	10.0	1		02/11/22 10:44		
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	144	mg/L	5.0	1.8	1		02/10/22 20:49		
Alkalinity,Bicarbonate (CaCO3)	144	mg/L	5.0	1.8	1		02/10/22 20:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 20:49		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-10R **Lab ID: 92586436022** Collected: 02/04/22 12:40 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.2	mg/L	1.0	0.60	1		02/14/22 13:04	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 13:04	16984-48-8	
Sulfate	1.1	mg/L	1.0	0.50	1		02/14/22 13:04	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-11 **Lab ID: 92586436023** Collected: 02/04/22 12:33 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/08/22 10:31		
pH	7.20	Std. Units			1		02/08/22 10:31		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 18:58	7440-66-6	
Potassium	0.83	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 18:58	7440-09-7	
Sodium	1.4	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 18:58	7440-23-5	
Calcium	19.2	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 18:58	7440-70-2	
Magnesium	10.2	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 18:58	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 20:06	7440-36-0	
Arsenic	0.0023J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:06	7440-38-2	B
Barium	0.010	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 20:06	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 20:06	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 20:06	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 20:06	7440-43-9	
Chromium	0.0071	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:06	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 20:06	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 20:06	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 20:06	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 20:06	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 20:06	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 20:06	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 20:06	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 20:06	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 12:59	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	120	mg/L	10.0	10.0	1		02/11/22 10:44		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	99.4	mg/L	5.0	1.8	1		02/10/22 20:56		
Alkalinity,Bicarbonate (CaCO3)	99.4	mg/L	5.0	1.8	1		02/10/22 20:56		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 20:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-11 Lab ID: 92586436023 Collected: 02/04/22 12:33 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	1.1	mg/L	1.0	0.60	1		02/14/22 18:49	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 18:49	16984-48-8	
Sulfate	1.7	mg/L	1.0	0.50	1		02/14/22 18:49	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-11R **Lab ID: 92586436024** Collected: 02/04/22 10:45 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/08/22 10:31		
pH	7.58	Std. Units			1		02/08/22 10:31		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 19:03	7440-66-6	
Potassium	1.1	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 19:03	7440-09-7	
Sodium	0.96J	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 19:03	7440-23-5	
Calcium	34.8	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 19:03	7440-70-2	
Magnesium	18.7	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 19:03	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 20:12	7440-36-0	
Arsenic	0.0035J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:12	7440-38-2	B
Barium	0.021	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 20:12	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 20:12	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 20:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 20:12	7440-43-9	
Chromium	0.0042J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:12	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 20:12	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 20:12	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 20:12	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 20:12	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 20:12	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 20:12	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 20:12	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 20:12	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 13:02	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	157	mg/L	10.0	10.0	1		02/11/22 10:44		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	147	mg/L	5.0	1.8	1		02/10/22 21:03		
Alkalinity,Bicarbonate (CaCO3)	147	mg/L	5.0	1.8	1		02/10/22 21:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 21:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-11R **Lab ID: 92586436024** Collected: 02/04/22 10:45 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.4	mg/L	1.0	0.60	1		02/14/22 19:34	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 19:34	16984-48-8	
Sulfate	1.5	mg/L	1.0	0.50	1		02/14/22 19:34	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-13RZ **Lab ID: 92586436025** Collected: 02/04/22 09:44 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/08/22 10:31		
pH	7.46	Std. Units			1		02/08/22 10:31		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 19:07	7440-66-6	
Potassium	1.0	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 19:07	7440-09-7	
Sodium	24.1	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 19:07	7440-23-5	
Calcium	43.9	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 19:07	7440-70-2	
Magnesium	18.7	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 19:07	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 20:18	7440-36-0	
Arsenic	0.0035J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:18	7440-38-2	B
Barium	0.11	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 20:18	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 20:18	7440-41-7	
Boron	0.017J	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 20:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 20:18	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:18	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 20:18	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 20:18	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 20:18	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 20:18	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 20:18	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 20:18	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 20:18	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 20:18	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 13:04	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	262	mg/L	10.0	10.0	1		02/11/22 10:44		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	159	mg/L	5.0	1.8	1		02/10/22 21:11		
Alkalinity,Bicarbonate (CaCO3)	159	mg/L	5.0	1.8	1		02/10/22 21:11		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/10/22 21:11		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-13RZ **Lab ID: 92586436025** Collected: 02/04/22 09:44 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	6.1	mg/L	1.0	0.60	1		02/14/22 19:49	16887-00-6	
Fluoride	0.13	mg/L	0.10	0.050	1		02/14/22 19:49	16984-48-8	
Sulfate	63.1	mg/L	1.0	0.50	1		02/14/22 19:49	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-14Z **Lab ID: 92586436026** Collected: 02/04/22 11:30 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/08/22 10:31		
pH	6.06	Std. Units			1		02/08/22 10:31		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 19:12	7440-66-6	
Potassium	1.2	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 19:12	7440-09-7	
Sodium	3.3	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 19:12	7440-23-5	
Calcium	14.3	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 19:12	7440-70-2	
Magnesium	6.3	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 19:12	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 20:36	7440-36-0	
Arsenic	0.0019J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:36	7440-38-2	B
Barium	0.014	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 20:36	7440-39-3	
Beryllium	0.00011J	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 20:36	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 20:36	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 20:36	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:36	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 20:36	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 20:36	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 20:36	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 20:36	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 20:36	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 20:36	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 20:36	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 20:36	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 13:12	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	92.0	mg/L	10.0	10.0	1		02/11/22 10:45		
------------------------	-------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	49.6	mg/L	5.0	1.8	1		02/15/22 16:45		
Alkalinity,Bicarbonate (CaCO3)	49.6	mg/L	5.0	1.8	1		02/15/22 16:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 16:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: **GWC-14Z** Lab ID: **92586436026** Collected: 02/04/22 11:30 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	3.6	mg/L	1.0	0.60	1		02/14/22 20:34	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 20:34	16984-48-8	
Sulfate	6.4	mg/L	1.0	0.50	1		02/14/22 20:34	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-15R **Lab ID: 92586436027** Collected: 02/04/22 13:14 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/08/22 10:31		
pH	7.61	Std. Units			1		02/08/22 10:31		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 19:26	7440-66-6	
Potassium	0.97	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 19:26	7440-09-7	
Sodium	1.1	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 19:26	7440-23-5	
Calcium	41.7	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 19:26	7440-70-2	
Magnesium	20.1	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 19:26	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 20:42	7440-36-0	
Arsenic	0.0026J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:42	7440-38-2	B
Barium	0.017	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 20:42	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 20:42	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 20:42	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 20:42	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:42	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 20:42	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 20:42	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 20:42	7439-92-1	
Nickel	0.00093J	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 20:42	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 20:42	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 20:42	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 20:42	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 20:42	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 13:15	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	162	mg/L	10.0	10.0	1		02/11/22 11:39		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	162	mg/L	5.0	1.8	1		02/15/22 16:49		
Alkalinity,Bicarbonate (CaCO3)	162	mg/L	5.0	1.8	1		02/15/22 16:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 16:49		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-15R **Lab ID: 92586436027** Collected: 02/04/22 13:14 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----------------	-----	----	----------	----------	---------	------

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.2	mg/L	1.0	0.60	1		02/14/22 21:19	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 21:19	16984-48-8	
Sulfate	8.3	mg/L	1.0	0.50	1		02/14/22 21:19	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: DUP-3		Lab ID: 92586436028		Collected: 02/04/22 00:00	Received: 02/08/22 08:10	Matrix: Water			
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA							
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 19:31	7440-66-6	
Potassium	1.0	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 19:31	7440-09-7	
Sodium	0.95J	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 19:31	7440-23-5	
Calcium	33.7	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 19:31	7440-70-2	
Magnesium	17.8	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 19:31	7439-95-4	
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA							
Antimony	0.00094J	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 20:48	7440-36-0	
Arsenic	0.0035J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:48	7440-38-2	B
Barium	0.020	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 20:48	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 20:48	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 20:48	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 20:48	7440-43-9	
Chromium	0.0041J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:48	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 20:48	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 20:48	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 20:48	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 20:48	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 20:48	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 20:48	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 20:48	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 20:48	7440-62-2	
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA							
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 13:17	7439-97-6	
2540C Total Dissolved Solids		Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA							
Total Dissolved Solids	162	mg/L	10.0	10.0	1		02/11/22 11:39		
2320B Alkalinity		Analytical Method: SM 2320B Pace Analytical Services - Minneapolis							
Alkalinity, Total as CaCO3	148	mg/L	5.0	1.8	1		02/15/22 16:53		
Alkalinity,Bicarbonate (CaCO3)	148	mg/L	5.0	1.8	1		02/15/22 16:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 16:53		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville							
Chloride	1.3	mg/L	1.0	0.60	1		02/14/22 21:34	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 21:34	16984-48-8	
Sulfate	1.5	mg/L	1.0	0.50	1		02/14/22 21:34	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: FB-4 **Lab ID: 92586436029** Collected: 02/04/22 13:15 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 19:36	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 19:36	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 19:36	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 19:36	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 19:36	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 20:54	7440-36-0	
Arsenic	0.0019J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:54	7440-38-2	B
Barium	ND	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 20:54	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 20:54	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 20:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 20:54	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 20:54	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 20:54	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 20:54	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 20:54	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 20:54	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 20:54	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 20:54	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 20:54	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 20:54	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 13:20	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/11/22 11:40		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/15/22 16:58		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 16:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 16:58		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/14/22 21:49	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 21:49	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/14/22 21:49	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: GWC-15Z **Lab ID: 92586436030** Collected: 02/07/22 10:13 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/08/22 10:31		
pH	7.83	Std. Units			1		02/08/22 10:31		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 19:41	7440-66-6	
Potassium	0.96	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 19:41	7440-09-7	
Sodium	3.0	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 19:41	7440-23-5	
Calcium	26.1	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 19:41	7440-70-2	
Magnesium	14.0	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 19:41	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 21:00	7440-36-0	
Arsenic	0.0025J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 21:00	7440-38-2	B
Barium	0.012	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 21:00	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 21:00	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 21:00	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 21:00	7440-43-9	
Chromium	0.0011J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 21:00	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 21:00	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 21:00	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 21:00	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 21:00	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 21:00	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 21:00	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 21:00	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 21:00	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/15/22 15:15	02/16/22 13:23	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	121	mg/L	10.0	10.0	1		02/11/22 11:40		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	123	mg/L	5.0	1.8	1		02/15/22 17:01		
Alkalinity,Bicarbonate (CaCO3)	123	mg/L	5.0	1.8	1		02/15/22 17:01		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 17:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: **GWC-15Z** Lab ID: **92586436030** Collected: 02/07/22 10:13 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	0.60J	mg/L	1.0	0.60	1		02/14/22 22:04	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 22:04	16984-48-8	
Sulfate	0.64J	mg/L	1.0	0.50	1		02/14/22 22:04	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: FB-5 **Lab ID: 92586436031** Collected: 02/07/22 11:30 Received: 02/08/22 08:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/18/22 08:05	02/18/22 19:46	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/18/22 08:05	02/18/22 19:46	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/18/22 08:05	02/18/22 19:46	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/18/22 08:05	02/18/22 19:46	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/18/22 08:05	02/18/22 19:46	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/18/22 08:01	02/18/22 21:12	7440-36-0	
Arsenic	0.0018J	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 21:12	7440-38-2	B
Barium	ND	mg/L	0.0050	0.00067	1	02/18/22 08:01	02/18/22 21:12	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/18/22 08:01	02/18/22 21:12	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/18/22 08:01	02/18/22 21:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/18/22 08:01	02/18/22 21:12	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/18/22 08:01	02/18/22 21:12	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/18/22 08:01	02/18/22 21:12	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/18/22 08:01	02/18/22 21:12	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/18/22 08:01	02/18/22 21:12	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/18/22 08:01	02/18/22 21:12	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/18/22 08:01	02/18/22 21:12	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/18/22 08:01	02/18/22 21:12	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/18/22 08:01	02/18/22 21:12	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/18/22 08:01	02/18/22 21:12	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/16/22 08:30	02/16/22 13:31	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/11/22 11:40		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/15/22 17:05		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 17:05		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/15/22 17:05		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/14/22 22:19	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/14/22 22:19	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/14/22 22:19	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Sample: GWC-13 **Lab ID: 92586436032** Collected: 02/17/22 13:06 Received: 02/18/22 09:52 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
 Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		02/18/22 13:25		
pH	7.24	Std. Units			1		02/18/22 13:25		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
 Pace Analytical Services - Peachtree Corners, GA

Zinc	ND	mg/L	0.020	0.0085	1	02/25/22 10:43	03/01/22 02:45	7440-66-6	
Potassium	1.9	mg/L	0.20	0.15	1	02/25/22 10:43	03/01/22 02:45	7440-09-7	
Sodium	1.5	mg/L	1.0	0.58	1	02/25/22 10:43	03/01/22 02:45	7440-23-5	
Calcium	29.3	mg/L	1.0	0.12	1	02/25/22 10:43	03/01/22 02:45	7440-70-2	
Magnesium	10.9	mg/L	0.050	0.012	1	02/25/22 10:43	03/01/22 02:45	7439-95-4	

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
 Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/25/22 10:38	02/25/22 23:19	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/25/22 10:38	02/25/22 23:19	7440-38-2	
Barium	0.020	mg/L	0.0050	0.00067	1	02/25/22 10:38	02/25/22 23:19	7440-39-3	
Beryllium	0.000089J	mg/L	0.00050	0.000054	1	02/25/22 10:38	02/25/22 23:19	7440-41-7	
Boron	0.015J	mg/L	0.040	0.0086	1	02/25/22 10:38	02/25/22 23:19	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/25/22 10:38	02/25/22 23:19	7440-43-9	
Chromium	0.0053	mg/L	0.0050	0.0011	1	02/25/22 10:38	02/25/22 23:19	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/25/22 10:38	02/25/22 23:19	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/25/22 10:38	02/25/22 23:19	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/25/22 10:38	02/25/22 23:19	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/25/22 10:38	02/25/22 23:19	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/25/22 10:38	02/25/22 23:19	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/25/22 10:38	02/25/22 23:19	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/25/22 10:38	02/25/22 23:19	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/25/22 10:38	02/25/22 23:19	7440-62-2	

7470 Mercury

Analytical Method: EPA 7470A Preparation Method: EPA 7470A
 Pace Analytical Services - Peachtree Corners, GA

Mercury	ND	mg/L	0.00020	0.00013	1	02/28/22 10:30	02/28/22 15:09	7439-97-6	
---------	----	------	---------	---------	---	----------------	----------------	-----------	--

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
 Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	119	mg/L	10.0	10.0	1		02/23/22 16:01		
------------------------	------------	------	------	------	---	--	----------------	--	--

2320B Alkalinity

Analytical Method: SM 2320B
 Pace Analytical Services - Minneapolis

Alkalinity, Total as CaCO3	109	mg/L	5.0	1.8	1		02/25/22 11:45		
Alkalinity,Bicarbonate (CaCO3)	109	mg/L	5.0	1.8	1		02/25/22 11:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/25/22 11:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: **GWC-13** Lab ID: **92586436032** Collected: 02/17/22 13:06 Received: 02/18/22 09:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	3.1	mg/L	1.0	0.60	1		02/25/22 08:51	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/25/22 08:51	16984-48-8	
Sulfate	6.9	mg/L	1.0	0.50	1		02/25/22 08:51	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Sample: FB-6 **Lab ID: 92586436033** Collected: 02/17/22 13:40 Received: 02/18/22 09:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	02/25/22 10:43	03/01/22 02:55	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	02/25/22 10:43	03/01/22 02:55	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	02/25/22 10:43	03/01/22 02:55	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	02/25/22 10:43	03/01/22 02:55	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	02/25/22 10:43	03/01/22 02:55	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/25/22 10:38	02/25/22 23:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	02/25/22 10:38	02/25/22 23:31	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/25/22 10:38	02/25/22 23:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/25/22 10:38	02/25/22 23:31	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/25/22 10:38	02/25/22 23:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/25/22 10:38	02/25/22 23:31	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/25/22 10:38	02/25/22 23:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/25/22 10:38	02/25/22 23:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	02/25/22 10:38	02/25/22 23:31	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/25/22 10:38	02/25/22 23:31	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/25/22 10:38	02/25/22 23:31	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/25/22 10:38	02/25/22 23:31	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/25/22 10:38	02/25/22 23:31	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/25/22 10:38	02/25/22 23:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/25/22 10:38	02/25/22 23:31	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	02/28/22 10:30	02/28/22 15:12	7439-97-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015									
Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		02/23/22 16:01		
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		02/25/22 11:48		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/25/22 11:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		02/25/22 11:48		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/25/22 09:07	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/25/22 09:07	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/25/22 09:07	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 679147 Analysis Method: EPA 6010D
 QC Batch Method: EPA 3010A Analysis Description: 6010D ATL
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006, 92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018

METHOD BLANK: 3553757 Matrix: Water
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006, 92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	02/18/22 15:42	
Magnesium	mg/L	ND	0.050	0.012	02/18/22 15:42	
Potassium	mg/L	ND	0.20	0.15	02/18/22 15:42	
Sodium	mg/L	ND	1.0	0.58	02/18/22 15:42	
Zinc	mg/L	ND	0.020	0.0085	02/18/22 15:42	

LABORATORY CONTROL SAMPLE: 3553758

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	108	80-120	
Magnesium	mg/L	1	1.1	107	80-120	
Potassium	mg/L	1	1.1	106	80-120	
Sodium	mg/L	1	1.1	110	80-120	
Zinc	mg/L	1	1.1	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3553759 3553760

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result	% Rec	% Rec						
Calcium	mg/L	48.0	1	1	49.4	48.9	137	89	75-125	1	20	M1	
Magnesium	mg/L	14.0	1	1	15.2	14.8	124	80	75-125	3	20		
Potassium	mg/L	0.88	1	1	2.0	2.0	109	113	75-125	2	20		
Sodium	mg/L	1.9	1	1	3.0	3.0	112	112	75-125	0	20		
Zinc	mg/L	ND	1	1	1.1	1.1	107	109	75-125	2	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 679167

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010D ATL

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92586436019, 92586436020, 92586436021, 92586436022, 92586436023, 92586436024, 92586436025, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030, 92586436031

METHOD BLANK: 3553950

Matrix: Water

Associated Lab Samples: 92586436019, 92586436020, 92586436021, 92586436022, 92586436023, 92586436024, 92586436025, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030, 92586436031

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	02/18/22 18:05	
Magnesium	mg/L	ND	0.050	0.012	02/18/22 18:05	
Potassium	mg/L	ND	0.20	0.15	02/18/22 18:05	
Sodium	mg/L	ND	1.0	0.58	02/18/22 18:05	
Zinc	mg/L	ND	0.020	0.0085	02/18/22 18:05	

LABORATORY CONTROL SAMPLE: 3553951

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	110	80-120	
Magnesium	mg/L	1	1.1	108	80-120	
Potassium	mg/L	1	1.1	111	80-120	
Sodium	mg/L	1	1.1	111	80-120	
Zinc	mg/L	1	1.1	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3553952 3553953

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92586436019 Result	Spike Conc.	Spike Conc.	Result						
Calcium	mg/L	57.7	1	1	59.5	60.5	179	272	75-125	2	20 M1
Magnesium	mg/L	24.6	1	1	25.7	26.4	117	185	75-125	3	20 M1
Potassium	mg/L	0.88	1	1	2.0	2.0	114	112	75-125	1	20
Sodium	mg/L	3.8	1	1	5.0	5.1	115	122	75-125	2	20
Zinc	mg/L	ND	1	1	1.1	1.1	108	107	75-125	1	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	680899	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010D ATL
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92586436032, 92586436033

METHOD BLANK: 3562225 Matrix: Water

Associated Lab Samples: 92586436032, 92586436033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	03/01/22 00:25	
Magnesium	mg/L	ND	0.050	0.012	03/01/22 00:25	
Potassium	mg/L	ND	0.20	0.15	03/02/22 14:55	
Sodium	mg/L	ND	1.0	0.58	03/01/22 00:25	
Zinc	mg/L	ND	0.020	0.0085	03/01/22 00:25	

LABORATORY CONTROL SAMPLE: 3562226

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.0	102	80-120	
Magnesium	mg/L	1	1.0	104	80-120	
Potassium	mg/L	1	1.0	100	80-120	
Sodium	mg/L	1	0.99J	99	80-120	
Zinc	mg/L	1	1.1	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3562227 3562228

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92587322013	Spike Conc.	Spike Conc.	Result						
Calcium	mg/L	167	1	1	164	165	-228	-156	75-125	0	20 M1
Magnesium	mg/L	31.8	1	1	31.7	31.5	-10	-34	75-125	1	20 M1
Potassium	mg/L	1.5	1	1	2.5	2.3	97	78	75-125	8	20
Sodium	mg/L	56.6	1	1	55.8	55.7	-88	-93	75-125	0	20 M1
Zinc	mg/L	ND	1	1	1.0	1.1	105	105	75-125	0	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 679148 Analysis Method: EPA 6020B
 QC Batch Method: EPA 3005A Analysis Description: 6020 MET
 Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006, 92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018, 92586436019, 92586436020

METHOD BLANK: 3553776 Matrix: Water

Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006, 92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018, 92586436019, 92586436020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	02/18/22 14:27	
Arsenic	mg/L	ND	0.0050	0.0011	02/18/22 14:27	
Barium	mg/L	ND	0.0050	0.00067	02/18/22 14:27	
Beryllium	mg/L	ND	0.00050	0.000054	02/18/22 14:27	
Boron	mg/L	ND	0.040	0.0086	02/18/22 14:27	
Cadmium	mg/L	ND	0.00050	0.00011	02/18/22 14:27	
Chromium	mg/L	ND	0.0050	0.0011	02/18/22 14:27	
Cobalt	mg/L	ND	0.0050	0.00039	02/18/22 14:27	
Copper	mg/L	ND	0.0050	0.00050	02/18/22 14:27	
Lead	mg/L	ND	0.0010	0.00089	02/18/22 14:27	
Nickel	mg/L	ND	0.0050	0.00071	02/18/22 14:27	
Selenium	mg/L	ND	0.0050	0.0014	02/18/22 14:27	
Silver	mg/L	ND	0.0050	0.00044	02/18/22 14:27	
Thallium	mg/L	ND	0.0010	0.00018	02/18/22 14:27	
Vanadium	mg/L	ND	0.010	0.0019	02/18/22 14:27	

LABORATORY CONTROL SAMPLE: 3553777

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	110	80-120	
Arsenic	mg/L	0.1	0.10	102	80-120	
Barium	mg/L	0.1	0.10	104	80-120	
Beryllium	mg/L	0.1	0.11	105	80-120	
Boron	mg/L	1	1.1	107	80-120	
Cadmium	mg/L	0.1	0.10	105	80-120	
Chromium	mg/L	0.1	0.11	109	80-120	
Cobalt	mg/L	0.1	0.11	106	80-120	
Copper	mg/L	0.1	0.099	99	80-120	
Lead	mg/L	0.1	0.097	97	80-120	
Nickel	mg/L	0.1	0.10	104	80-120	
Selenium	mg/L	0.1	0.10	102	80-120	
Silver	mg/L	0.1	0.10	103	80-120	
Thallium	mg/L	0.1	0.098	98	80-120	
Vanadium	mg/L	0.1	0.11	106	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Parameter	Units	92586436003		3553778		3553779		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MS Spike Conc.	MS Result	MSD Result	MS % Rec							
Antimony	mg/L	0.0029J	0.1	0.1	0.11	0.11	106	110	75-125	4	20			
Arsenic	mg/L	0.0053	0.1	0.1	0.10	0.10	99	100	75-125	0	20			
Barium	mg/L	0.024	0.1	0.1	0.13	0.13	103	108	75-125	4	20			
Beryllium	mg/L	ND	0.1	0.1	0.10	0.10	102	103	75-125	1	20			
Boron	mg/L	ND	1	1	1.0	1.1	104	107	75-125	3	20			
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	103	101	75-125	3	20			
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	104	101	75-125	3	20			
Cobalt	mg/L	0.00093J	0.1	0.1	0.099	0.097	98	96	75-125	2	20			
Copper	mg/L	0.00096J	0.1	0.1	0.096	0.095	95	94	75-125	1	20			
Lead	mg/L	ND	0.1	0.1	0.095	0.094	95	94	75-125	1	20			
Nickel	mg/L	ND	0.1	0.1	0.098	0.097	97	97	75-125	0	20			
Selenium	mg/L	ND	0.1	0.1	0.096	0.098	96	98	75-125	2	20			
Silver	mg/L	ND	0.1	0.1	0.099	0.10	99	102	75-125	3	20			
Thallium	mg/L	ND	0.1	0.1	0.097	0.096	97	96	75-125	1	20			
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	104	103	75-125	1	20			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	679169	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples:	92586436021, 92586436022, 92586436023, 92586436024, 92586436025, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030, 92586436031		

METHOD BLANK:	3553959	Matrix:	Water
Associated Lab Samples:	92586436021, 92586436022, 92586436023, 92586436024, 92586436025, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030, 92586436031		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	02/18/22 19:25	
Arsenic	mg/L	0.0019J	0.0050	0.0011	02/18/22 19:25	
Barium	mg/L	ND	0.0050	0.00067	02/18/22 19:25	
Beryllium	mg/L	ND	0.00050	0.000054	02/18/22 19:25	
Boron	mg/L	ND	0.040	0.0086	02/18/22 19:25	
Cadmium	mg/L	ND	0.00050	0.00011	02/18/22 19:25	
Chromium	mg/L	ND	0.0050	0.0011	02/18/22 19:25	
Cobalt	mg/L	ND	0.0050	0.00039	02/18/22 19:25	
Copper	mg/L	ND	0.0050	0.00050	02/18/22 19:25	
Lead	mg/L	ND	0.0010	0.00089	02/18/22 19:25	
Nickel	mg/L	ND	0.0050	0.00071	02/18/22 19:25	
Selenium	mg/L	ND	0.0050	0.0014	02/18/22 19:25	
Silver	mg/L	ND	0.0050	0.00044	02/18/22 19:25	
Thallium	mg/L	ND	0.0010	0.00018	02/18/22 19:25	
Vanadium	mg/L	ND	0.010	0.0019	02/18/22 19:25	

LABORATORY CONTROL SAMPLE: 3553960						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	107	80-120	
Arsenic	mg/L	0.1	0.11	107	80-120	
Barium	mg/L	0.1	0.10	102	80-120	
Beryllium	mg/L	0.1	0.11	111	80-120	
Boron	mg/L	1	1.0	105	80-120	
Cadmium	mg/L	0.1	0.11	106	80-120	
Chromium	mg/L	0.1	0.10	100	80-120	
Cobalt	mg/L	0.1	0.10	104	80-120	
Copper	mg/L	0.1	0.10	100	80-120	
Lead	mg/L	0.1	0.10	104	80-120	
Nickel	mg/L	0.1	0.10	104	80-120	
Selenium	mg/L	0.1	0.10	102	80-120	
Silver	mg/L	0.1	0.098	98	80-120	
Thallium	mg/L	0.1	0.10	102	80-120	
Vanadium	mg/L	0.1	0.10	104	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Parameter	Units	3553961		3553962		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	110	106	75-125	4	20		
Arsenic	mg/L	0.0023J	0.1	0.1	0.11	0.10	104	101	75-125	3	20		
Barium	mg/L	0.022	0.1	0.1	0.12	0.12	99	95	75-125	3	20		
Beryllium	mg/L	0.00021J	0.1	0.1	0.11	0.10	108	104	75-125	4	20		
Boron	mg/L	ND	1	1	1.0	0.99	104	98	75-125	6	20		
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	102	103	75-125	1	20		
Chromium	mg/L	ND	0.1	0.1	0.10	0.098	102	98	75-125	4	20		
Cobalt	mg/L	0.0018J	0.1	0.1	0.10	0.10	102	98	75-125	4	20		
Copper	mg/L	ND	0.1	0.1	0.099	0.095	99	94	75-125	4	20		
Lead	mg/L	ND	0.1	0.1	0.10	0.099	100	99	75-125	1	20		
Nickel	mg/L	0.0014J	0.1	0.1	0.10	0.097	101	95	75-125	5	20		
Selenium	mg/L	ND	0.1	0.1	0.10	0.099	101	99	75-125	2	20		
Silver	mg/L	ND	0.1	0.1	0.099	0.097	99	97	75-125	2	20		
Thallium	mg/L	ND	0.1	0.1	0.10	0.096	100	96	75-125	4	20		
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	0	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	680871	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3005A	Analysis Description:	6020 MET
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92586436032, 92586436033

METHOD BLANK: 3562117 Matrix: Water

Associated Lab Samples: 92586436032, 92586436033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	02/25/22 20:37	
Arsenic	mg/L	ND	0.0050	0.0011	02/25/22 20:37	
Barium	mg/L	ND	0.0050	0.00067	02/25/22 20:37	
Beryllium	mg/L	ND	0.00050	0.000054	02/25/22 20:37	
Boron	mg/L	ND	0.040	0.0086	02/25/22 20:37	
Cadmium	mg/L	ND	0.00050	0.00011	02/25/22 20:37	
Chromium	mg/L	ND	0.0050	0.0011	02/25/22 20:37	
Cobalt	mg/L	ND	0.0050	0.00039	02/25/22 20:37	
Copper	mg/L	ND	0.0050	0.00050	02/25/22 20:37	
Lead	mg/L	ND	0.0010	0.00089	02/25/22 20:37	
Nickel	mg/L	ND	0.0050	0.00071	02/25/22 20:37	
Selenium	mg/L	ND	0.0050	0.0014	02/25/22 20:37	
Silver	mg/L	ND	0.0050	0.00044	02/25/22 20:37	
Thallium	mg/L	ND	0.0010	0.00018	02/25/22 20:37	
Vanadium	mg/L	ND	0.010	0.0019	02/25/22 20:37	

LABORATORY CONTROL SAMPLE: 3562118

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	104	80-120	
Arsenic	mg/L	0.1	0.098	98	80-120	
Barium	mg/L	0.1	0.10	100	80-120	
Beryllium	mg/L	0.1	0.11	109	80-120	
Boron	mg/L	1	1.1	112	80-120	
Cadmium	mg/L	0.1	0.099	99	80-120	
Chromium	mg/L	0.1	0.099	99	80-120	
Cobalt	mg/L	0.1	0.096	96	80-120	
Copper	mg/L	0.1	0.095	95	80-120	
Lead	mg/L	0.1	0.095	95	80-120	
Nickel	mg/L	0.1	0.097	97	80-120	
Selenium	mg/L	0.1	0.097	97	80-120	
Silver	mg/L	0.1	0.097	97	80-120	
Thallium	mg/L	0.1	0.096	96	80-120	
Vanadium	mg/L	0.1	0.10	100	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

Parameter	Units	92587322014		3562119		3562120		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MS Spike Conc.	MS Result	MSD Result	MS % Rec							
Antimony	mg/L	ND	0.1	0.1	0.10	0.11	104	106	75-125	2	20			
Arsenic	mg/L	0.0046J	0.1	0.1	0.11	0.12	106	110	75-125	4	20			
Barium	mg/L	0.046	0.1	0.1	0.15	0.15	105	109	75-125	3	20			
Beryllium	mg/L	0.00011J	0.1	0.1	0.10	0.10	100	104	75-125	4	20			
Boron	mg/L	10.5	1	1	11.0	11.5	50	104	75-125	5	20	M1		
Cadmium	mg/L	0.00024J	0.1	0.1	0.094	0.099	94	99	75-125	5	20			
Chromium	mg/L	ND	0.1	0.1	0.10	0.11	99	106	75-125	7	20			
Cobalt	mg/L	0.031	0.1	0.1	0.12	0.13	93	99	75-125	4	20			
Copper	mg/L	ND	0.1	0.1	0.095	0.093	95	93	75-125	2	20			
Lead	mg/L	ND	0.1	0.1	0.085	0.087	85	87	75-125	3	20			
Nickel	mg/L	0.011	0.1	0.1	0.10	0.11	93	97	75-125	4	20			
Selenium	mg/L	ND	0.1	0.1	0.11	0.11	104	108	75-125	4	20			
Silver	mg/L	ND	0.1	0.1	0.087	0.088	87	88	75-125	2	20			
Thallium	mg/L	ND	0.1	0.1	0.087	0.090	87	90	75-125	3	20			
Vanadium	mg/L	ND	0.1	0.1	0.10	0.11	103	109	75-125	6	20			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

QC Batch: 678396 Analysis Method: EPA 7470A
 QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006, 92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017

METHOD BLANK: 3550157 Matrix: Water
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006, 92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/16/22 10:48	

LABORATORY CONTROL SAMPLE: 3550158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0023	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3550159 3550160

Parameter	Units	92586342010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0021	0.0023	85	92	75-125	8	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	678399	Analysis Method:	EPA 7470A
QC Batch Method:	EPA 7470A	Analysis Description:	7470 Mercury
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92586436018, 92586436019, 92586436020, 92586436021, 92586436022, 92586436023, 92586436024, 92586436025, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030

METHOD BLANK: 3550166 Matrix: Water

Associated Lab Samples: 92586436018, 92586436019, 92586436020, 92586436021, 92586436022, 92586436023, 92586436024, 92586436025, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/16/22 12:04	

LABORATORY CONTROL SAMPLE: 3550167

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0023	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3550168 3550169

Parameter	Units	92586342013 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury	mg/L	ND	0.0025	0.0025	0.0021	0.0022	82	87	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 678404

Analysis Method: EPA 7470A

QC Batch Method: EPA 7470A

Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92586436031

METHOD BLANK: 3550196

Matrix: Water

Associated Lab Samples: 92586436031

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/16/22 13:25	

LABORATORY CONTROL SAMPLE: 3550197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0021	86	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3550198 3550199

Parameter	Units	3550198		3550199		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Mercury	mg/L	92586436031 ND	0.0025	0.0025	0.0020	0.0023	78	93	75-125	18	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 681261	Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A	Analysis Description: 7470 Mercury
	Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92586436032, 92586436033

METHOD BLANK: 3564035 Matrix: Water

Associated Lab Samples: 92586436032, 92586436033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	02/28/22 14:00	

LABORATORY CONTROL SAMPLE: 3564036

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3564037 3564038

Parameter	Units	3564037		3564038		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	mg/L	92588620001 ND	0.0025	0.0025	0.0025	97	97	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

QC Batch: 676439 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006

METHOD BLANK: 3540519 Matrix: Water
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/07/22 17:19	

LABORATORY CONTROL SAMPLE: 3540520

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	374	94	80-120	

SAMPLE DUPLICATE: 3540521

Parameter	Units	92585555019 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	180	181	1	25	

SAMPLE DUPLICATE: 3540522

Parameter	Units	92585920011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	96.0	94.0	2	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 676566 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018

METHOD BLANK: 3541419 Matrix: Water
 Associated Lab Samples: 92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/08/22 11:11	

LABORATORY CONTROL SAMPLE: 3541420

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	390	98	80-120	

SAMPLE DUPLICATE: 3541421

Parameter	Units	92585920025 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	65.0	46.0	34	25	D6

SAMPLE DUPLICATE: 3541422

Parameter	Units	92586436013 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	102	103	1	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	676886	Analysis Method:	SM 2540C-2015
QC Batch Method:	SM 2540C-2015	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	92586436019, 92586436020	Laboratory:	Pace Analytical Services - Peachtree Corners, GA

METHOD BLANK: 3542886 Matrix: Water
 Associated Lab Samples: 92586436019, 92586436020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/09/22 10:12	

LABORATORY CONTROL SAMPLE: 3542887

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	374	94	80-120	

SAMPLE DUPLICATE: 3542888

Parameter	Units	92585920029 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	538	574	6	25	

SAMPLE DUPLICATE: 3542889

Parameter	Units	92585979010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1380	1350	2	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

QC Batch: 677214 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92586436021, 92586436022, 92586436023, 92586436024, 92586436025, 92586436026

METHOD BLANK: 3544553 Matrix: Water
 Associated Lab Samples: 92586436021, 92586436022, 92586436023, 92586436024, 92586436025, 92586436026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/11/22 10:42	

LABORATORY CONTROL SAMPLE: 3544554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	383	96	80-120	

SAMPLE DUPLICATE: 3544555

Parameter	Units	92586430002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

SAMPLE DUPLICATE: 3544556

Parameter	Units	92586613010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	225	217	4	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

QC Batch: 677216 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92586436027, 92586436028, 92586436029, 92586436030, 92586436031

METHOD BLANK: 3544560 Matrix: Water
 Associated Lab Samples: 92586436027, 92586436028, 92586436029, 92586436030, 92586436031

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/11/22 11:39	

LABORATORY CONTROL SAMPLE: 3544561

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	381	95	80-120	

SAMPLE DUPLICATE: 3544562

Parameter	Units	92586436027 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	162	168	4	25	

SAMPLE DUPLICATE: 3544563

Parameter	Units	92586613016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	161	155	4	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

QC Batch: 680301 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92586436032, 92586436033

METHOD BLANK: 3559080 Matrix: Water
 Associated Lab Samples: 92586436032, 92586436033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	02/23/22 15:59	

LABORATORY CONTROL SAMPLE: 3559081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	354	88	80-120	

SAMPLE DUPLICATE: 3559082

Parameter	Units	92587881053 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

SAMPLE DUPLICATE: 3559083

Parameter	Units	92589518001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2270	2130	6	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	798119	Analysis Method:	SM 2320B
QC Batch Method:	SM 2320B	Analysis Description:	2320B Alkalinity
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples:	92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006		

METHOD BLANK: 4240829 Matrix: Water
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/10/22 14:33	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/10/22 14:33	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/10/22 14:33	

LABORATORY CONTROL SAMPLE & LCSD: 4240830 4240831

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	40.3	39.9	101	100	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4240832 4240833

Parameter	Units	92585727002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	2.8J	40	40	43.8	43.8	102	103	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4240834 4240835

Parameter	Units	10596422001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	29.9	40	40	69.2	69.5	98	99	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	798366	Analysis Method:	SM 2320B
QC Batch Method:	SM 2320B	Analysis Description:	2320B Alkalinity
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples:	92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018		

METHOD BLANK:	4241914	Matrix:	Water
Associated Lab Samples:	92586436007, 92586436008, 92586436009, 92586436010, 92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/10/22 19:52	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/10/22 19:52	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/10/22 19:52	

LABORATORY CONTROL SAMPLE & LCSD:		4241915	4241916									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers		
Alkalinity, Total as CaCO3	mg/L	40	41.9	42.2	105	105	90-110	1	20			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		4241917	4241918									
Parameter	Units	10597082001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	23.0	40	40	62.8	63.0	100	100	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		4241919	4241920									
Parameter	Units	92586436012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	76.7	40	40	116	116	98	99	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 798367

Analysis Method: SM 2320B

QC Batch Method: SM 2320B

Analysis Description: 2320B Alkalinity

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 92586436021, 92586436022, 92586436023, 92586436024, 92586436025

METHOD BLANK: 4241924

Matrix: Water

Associated Lab Samples: 92586436021, 92586436022, 92586436023, 92586436024, 92586436025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	ND	5.0	1.8	02/10/22 19:24	
Alkalinity,Bicarbonate (CaCO ₃)	mg/L	ND	5.0	1.8	02/10/22 19:24	
Alkalinity,Carbonate (CaCO ₃)	mg/L	ND	5.0	1.8	02/10/22 19:24	

LABORATORY CONTROL SAMPLE & LCSD: 4241925

4241926

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	40	42.6	42.3	106	106	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4241927

4241928

Parameter	Units	10596573001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO ₃	mg/L	133	40	40	173	172	100	100	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 798903

Analysis Method: SM 2320B

QC Batch Method: SM 2320B

Analysis Description: 2320B Alkalinity

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 92586436019, 92586436020, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030, 92586436031

METHOD BLANK: 4244463

Matrix: Water

Associated Lab Samples: 92586436019, 92586436020, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030, 92586436031

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/15/22 15:58	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/15/22 15:58	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/15/22 15:58	

LABORATORY CONTROL SAMPLE & LCSD: 4244464 4244465

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	40.1	40.6	100	102	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4244466 4244467

Parameter	Units	10597383001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	22.2	40	40	62.0	62.0	100	100	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4244468 4244469

Parameter	Units	10597488002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	29.6	40	40	69.4	69.6	99	100	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

QC Batch: 800675 Analysis Method: SM 2320B
 QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
 Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 92586436032, 92586436033

METHOD BLANK: 4252517 Matrix: Water
 Associated Lab Samples: 92586436032, 92586436033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	02/25/22 11:20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	02/25/22 11:20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	02/25/22 11:20	

LABORATORY CONTROL SAMPLE & LCSD: 4252518 4252519

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	42.1	42.4	105	106	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4252520 4252521

Parameter	Units	10598316001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	31.9	40	40	71.6	72.2	99	101	80-120	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4252522 4252523

Parameter	Units	10598521001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	288	40	40	325	328	93	98	80-120	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

QC Batch: 677743 Analysis Method: EPA 300.0 Rev 2.1 1993
 QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions
 Laboratory: Pace Analytical Services - Asheville
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006, 92586436007, 92586436008, 92586436009, 92586436010

METHOD BLANK: 3547238 Matrix: Water
 Associated Lab Samples: 92586436001, 92586436002, 92586436003, 92586436004, 92586436005, 92586436006, 92586436007, 92586436008, 92586436009, 92586436010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/12/22 16:11	
Fluoride	mg/L	ND	0.10	0.050	02/12/22 16:11	
Sulfate	mg/L	ND	1.0	0.50	02/12/22 16:11	

LABORATORY CONTROL SAMPLE: 3547239

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.1	102	90-110	
Fluoride	mg/L	2.5	2.5	99	90-110	
Sulfate	mg/L	50	50.2	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547240 3547241

Parameter	Units	9258555014		3547241		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Chloride	mg/L	4.3	50	50	60.1	60.2	112	112	90-110	0	10 M1
Fluoride	mg/L	ND	2.5	2.5	2.8	2.8	110	111	90-110	1	10 M1
Sulfate	mg/L	6.1	50	50	62.6	62.4	113	113	90-110	0	10 M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547242 3547243

Parameter	Units	92586436001		3547243		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Chloride	mg/L	1.2	50	50	57.3	57.5	112	113	90-110	0	10 M1
Fluoride	mg/L	ND	2.5	2.5	2.8	2.8	110	111	90-110	1	10 M1
Sulfate	mg/L	0.93J	50	50	57.2	57.7	113	114	90-110	1	10 M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	677747	Analysis Method:	EPA 300.0 Rev 2.1 1993
QC Batch Method:	EPA 300.0 Rev 2.1 1993	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018, 92586436019, 92586436020		

METHOD BLANK:	3547262	Matrix:	Water
Associated Lab Samples:	92586436011, 92586436012, 92586436013, 92586436014, 92586436015, 92586436016, 92586436017, 92586436018, 92586436019, 92586436020		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/12/22 23:09	
Fluoride	mg/L	ND	0.10	0.050	02/12/22 23:09	
Sulfate	mg/L	ND	1.0	0.50	02/12/22 23:09	

LABORATORY CONTROL SAMPLE: 3547263						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	52.2	104	90-110	
Fluoride	mg/L	2.5	2.6	103	90-110	
Sulfate	mg/L	50	51.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547264												3547265	
Parameter	Units	92586436011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Chloride	mg/L	0.76J	50	50	57.0	57.0	112	113	90-110	0	10	M1	
Fluoride	mg/L	ND	2.5	2.5	2.8	2.8	111	111	90-110	0	10	M1	
Sulfate	mg/L	1.3	50	50	57.8	58.2	113	114	90-110	1	10	M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3547266												3547267	
Parameter	Units	92585200001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Chloride	mg/L	43.4	50	50	98.7	98.5	111	110	90-110	0	10	M1	
Fluoride	mg/L	0.058J	2.5	2.5	2.9	2.9	112	112	90-110	0	10	M1	
Sulfate	mg/L	14.5	50	50	71.1	70.8	113	113	90-110	0	10	M1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 678003	Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993	Analysis Description: 300.0 IC Anions
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92586436021, 92586436022

METHOD BLANK: 3548358 Matrix: Water

Associated Lab Samples: 92586436021, 92586436022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/14/22 05:52	
Fluoride	mg/L	ND	0.10	0.050	02/14/22 05:52	
Sulfate	mg/L	ND	1.0	0.50	02/14/22 05:52	

LABORATORY CONTROL SAMPLE: 3548359

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	52.5	105	90-110	
Fluoride	mg/L	2.5	2.6	102	90-110	
Sulfate	mg/L	50	52.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3548360 3548361

Parameter	Units	92587763018		MS Spike Conc.		MSD Spike Conc.		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Conc.	Result	Result						
Chloride	mg/L	ND	50	50	52.4	52.5	105	105	90-110	0	10		
Fluoride	mg/L	ND	2.5	2.5	2.6	2.6	104	105	90-110	0	10		
Sulfate	mg/L	ND	50	50	52.3	52.4	105	105	90-110	0	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3548362 3548363

Parameter	Units	92585375006		MS Spike Conc.		MSD Spike Conc.		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Conc.	Result	Result						
Chloride	mg/L	9.3	50	50	61.7	62.1	105	105	90-110	1	10		
Fluoride	mg/L	0.13	2.5	2.5	2.7	2.7	103	104	90-110	1	10		
Sulfate	mg/L	70.0	50	50	103	104	67	68	90-110	1	10 M1		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch:	678004	Analysis Method:	EPA 300.0 Rev 2.1 1993
QC Batch Method:	EPA 300.0 Rev 2.1 1993	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92586436023, 92586436024, 92586436025, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030, 92586436031		

METHOD BLANK:	3548365	Matrix:	Water
Associated Lab Samples:	92586436023, 92586436024, 92586436025, 92586436026, 92586436027, 92586436028, 92586436029, 92586436030, 92586436031		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/14/22 18:19	
Fluoride	mg/L	ND	0.10	0.050	02/14/22 18:19	
Sulfate	mg/L	ND	1.0	0.50	02/14/22 18:19	

LABORATORY CONTROL SAMPLE:	3548366					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.8	100	90-110	
Fluoride	mg/L	2.5	2.5	98	90-110	
Sulfate	mg/L	50	48.6	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	3548367	3548368									
Parameter	Units	92586436023		3548368		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	1.1	50	50	51.6	51.8	101	101	90-110	0	10
Fluoride	mg/L	ND	2.5	2.5	2.6	2.6	103	104	90-110	1	10
Sulfate	mg/L	1.7	50	50	52.1	52.3	101	101	90-110	0	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	3548369	3548370									
Parameter	Units	92586807001		3548370		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	664	50	50	700	708	72	88	90-110	1	10 M1
Fluoride	mg/L	0.69	2.5	2.5	3.4	3.4	106	110	90-110	2	10
Sulfate	mg/L	87.3	50	50	132	134	89	93	90-110	1	10 M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

QC Batch: 680699	Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993	Analysis Description: 300.0 IC Anions
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92586436032, 92586436033

METHOD BLANK: 3561036 Matrix: Water

Associated Lab Samples: 92586436032, 92586436033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/25/22 01:54	
Fluoride	mg/L	ND	0.10	0.050	02/25/22 01:54	
Sulfate	mg/L	ND	1.0	0.50	02/25/22 01:54	

LABORATORY CONTROL SAMPLE: 3561037

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.9	96	90-110	
Fluoride	mg/L	2.5	2.5	100	90-110	
Sulfate	mg/L	50	47.2	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3561040 3561041

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92588973012 Result	Spike Conc.	Spike Conc.	Result								
Chloride	mg/L	19.4	50	50	70.5	71.6	102	104	90-110	1	10		
Fluoride	mg/L	ND	2.5	2.5	2.7	2.8	107	110	90-110	3	10		
Sulfate	mg/L	94.0	50	50	138	137	88	87	90-110	0	10	M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3561344 3561345

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92588973003 Result	Spike Conc.	Spike Conc.	Result								
Chloride	mg/L	1.6	50	50	52.8	53.5	102	104	90-110	1	10		
Fluoride	mg/L	0.052J	2.5	2.5	2.7	2.9	105	115	90-110	8	10	M1	
Sulfate	mg/L	53.5	50	50	98.8	99.1	90	91	90-110	0	10		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: BOWEN LF CELLS 1&2

Pace Project No.: 92586436

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D6 The precision between the sample and sample duplicate exceeded laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92586436001	GWA-1				
92586436002	GWA-2				
92586436003	GWA-2R				
92586436004	GWA-50				
92586436007	GWA-3A				
92586436008	GWC-5				
92586436009	GWC-6				
92586436010	GWC-6RZ				
92586436011	GWC-7Z				
92586436012	GWC-8Z				
92586436013	GWC-8RR				
92586436014	GWC-9				
92586436015	GWC-12				
92586436016	GWA-50R				
92586436019	GWA-4RZ				
92586436021	GWC-10				
92586436022	GWC-10R				
92586436023	GWC-11				
92586436024	GWC-11R				
92586436025	GWC-13RZ				
92586436026	GWC-14Z				
92586436027	GWC-15R				
92586436030	GWC-15Z				
92586436032	GWC-13				
92586436001	GWA-1	EPA 3010A	679147	EPA 6010D	679327
92586436002	GWA-2	EPA 3010A	679147	EPA 6010D	679327
92586436003	GWA-2R	EPA 3010A	679147	EPA 6010D	679327
92586436004	GWA-50	EPA 3010A	679147	EPA 6010D	679327
92586436005	DUP-1	EPA 3010A	679147	EPA 6010D	679327
92586436006	FB-1	EPA 3010A	679147	EPA 6010D	679327
92586436007	GWA-3A	EPA 3010A	679147	EPA 6010D	679327
92586436008	GWC-5	EPA 3010A	679147	EPA 6010D	679327
92586436009	GWC-6	EPA 3010A	679147	EPA 6010D	679327
92586436010	GWC-6RZ	EPA 3010A	679147	EPA 6010D	679327
92586436011	GWC-7Z	EPA 3010A	679147	EPA 6010D	679327
92586436012	GWC-8Z	EPA 3010A	679147	EPA 6010D	679327
92586436013	GWC-8RR	EPA 3010A	679147	EPA 6010D	679327
92586436014	GWC-9	EPA 3010A	679147	EPA 6010D	679327
92586436015	GWC-12	EPA 3010A	679147	EPA 6010D	679327
92586436016	GWA-50R	EPA 3010A	679147	EPA 6010D	679327
92586436017	DUP-2	EPA 3010A	679147	EPA 6010D	679327
92586436018	FB-2	EPA 3010A	679147	EPA 6010D	679327
92586436019	GWA-4RZ	EPA 3010A	679167	EPA 6010D	679340
92586436020	FB-3	EPA 3010A	679167	EPA 6010D	679340
92586436021	GWC-10	EPA 3010A	679167	EPA 6010D	679340
92586436022	GWC-10R	EPA 3010A	679167	EPA 6010D	679340
92586436023	GWC-11	EPA 3010A	679167	EPA 6010D	679340
92586436024	GWC-11R	EPA 3010A	679167	EPA 6010D	679340

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92586436025	GWC-13RZ	EPA 3010A	679167	EPA 6010D	679340
92586436026	GWC-14Z	EPA 3010A	679167	EPA 6010D	679340
92586436027	GWC-15R	EPA 3010A	679167	EPA 6010D	679340
92586436028	DUP-3	EPA 3010A	679167	EPA 6010D	679340
92586436029	FB-4	EPA 3010A	679167	EPA 6010D	679340
92586436030	GWC-15Z	EPA 3010A	679167	EPA 6010D	679340
92586436031	FB-5	EPA 3010A	679167	EPA 6010D	679340
92586436032	GWC-13	EPA 3010A	680899	EPA 6010D	681055
92586436033	FB-6	EPA 3010A	680899	EPA 6010D	681055
92586436001	GWA-1	EPA 3005A	679148	EPA 6020B	679359
92586436002	GWA-2	EPA 3005A	679148	EPA 6020B	679359
92586436003	GWA-2R	EPA 3005A	679148	EPA 6020B	679359
92586436004	GWA-50	EPA 3005A	679148	EPA 6020B	679359
92586436005	DUP-1	EPA 3005A	679148	EPA 6020B	679359
92586436006	FB-1	EPA 3005A	679148	EPA 6020B	679359
92586436007	GWA-3A	EPA 3005A	679148	EPA 6020B	679359
92586436008	GWC-5	EPA 3005A	679148	EPA 6020B	679359
92586436009	GWC-6	EPA 3005A	679148	EPA 6020B	679359
92586436010	GWC-6RZ	EPA 3005A	679148	EPA 6020B	679359
92586436011	GWC-7Z	EPA 3005A	679148	EPA 6020B	679359
92586436012	GWC-8Z	EPA 3005A	679148	EPA 6020B	679359
92586436013	GWC-8RR	EPA 3005A	679148	EPA 6020B	679359
92586436014	GWC-9	EPA 3005A	679148	EPA 6020B	679359
92586436015	GWC-12	EPA 3005A	679148	EPA 6020B	679359
92586436016	GWA-50R	EPA 3005A	679148	EPA 6020B	679359
92586436017	DUP-2	EPA 3005A	679148	EPA 6020B	679359
92586436018	FB-2	EPA 3005A	679148	EPA 6020B	679359
92586436019	GWA-4RZ	EPA 3005A	679148	EPA 6020B	679359
92586436020	FB-3	EPA 3005A	679148	EPA 6020B	679359
92586436021	GWC-10	EPA 3005A	679169	EPA 6020B	679363
92586436022	GWC-10R	EPA 3005A	679169	EPA 6020B	679363
92586436023	GWC-11	EPA 3005A	679169	EPA 6020B	679363
92586436024	GWC-11R	EPA 3005A	679169	EPA 6020B	679363
92586436025	GWC-13RZ	EPA 3005A	679169	EPA 6020B	679363
92586436026	GWC-14Z	EPA 3005A	679169	EPA 6020B	679363
92586436027	GWC-15R	EPA 3005A	679169	EPA 6020B	679363
92586436028	DUP-3	EPA 3005A	679169	EPA 6020B	679363
92586436029	FB-4	EPA 3005A	679169	EPA 6020B	679363
92586436030	GWC-15Z	EPA 3005A	679169	EPA 6020B	679363
92586436031	FB-5	EPA 3005A	679169	EPA 6020B	679363
92586436032	GWC-13	EPA 3005A	680871	EPA 6020B	681052
92586436033	FB-6	EPA 3005A	680871	EPA 6020B	681052
92586436001	GWA-1	EPA 7470A	678396	EPA 7470A	678613
92586436002	GWA-2	EPA 7470A	678396	EPA 7470A	678613
92586436003	GWA-2R	EPA 7470A	678396	EPA 7470A	678613
92586436004	GWA-50	EPA 7470A	678396	EPA 7470A	678613

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92586436005	DUP-1	EPA 7470A	678396	EPA 7470A	678613
92586436006	FB-1	EPA 7470A	678396	EPA 7470A	678613
92586436007	GWA-3A	EPA 7470A	678396	EPA 7470A	678613
92586436008	GWC-5	EPA 7470A	678396	EPA 7470A	678613
92586436009	GWC-6	EPA 7470A	678396	EPA 7470A	678613
92586436010	GWC-6RZ	EPA 7470A	678396	EPA 7470A	678613
92586436011	GWC-7Z	EPA 7470A	678396	EPA 7470A	678613
92586436012	GWC-8Z	EPA 7470A	678396	EPA 7470A	678613
92586436013	GWC-8RR	EPA 7470A	678396	EPA 7470A	678613
92586436014	GWC-9	EPA 7470A	678396	EPA 7470A	678613
92586436015	GWC-12	EPA 7470A	678396	EPA 7470A	678613
92586436016	GWA-50R	EPA 7470A	678396	EPA 7470A	678613
92586436017	DUP-2	EPA 7470A	678396	EPA 7470A	678613
92586436018	FB-2	EPA 7470A	678399	EPA 7470A	678663
92586436019	GWA-4RZ	EPA 7470A	678399	EPA 7470A	678663
92586436020	FB-3	EPA 7470A	678399	EPA 7470A	678663
92586436021	GWC-10	EPA 7470A	678399	EPA 7470A	678663
92586436022	GWC-10R	EPA 7470A	678399	EPA 7470A	678663
92586436023	GWC-11	EPA 7470A	678399	EPA 7470A	678663
92586436024	GWC-11R	EPA 7470A	678399	EPA 7470A	678663
92586436025	GWC-13RZ	EPA 7470A	678399	EPA 7470A	678663
92586436026	GWC-14Z	EPA 7470A	678399	EPA 7470A	678663
92586436027	GWC-15R	EPA 7470A	678399	EPA 7470A	678663
92586436028	DUP-3	EPA 7470A	678399	EPA 7470A	678663
92586436029	FB-4	EPA 7470A	678399	EPA 7470A	678663
92586436030	GWC-15Z	EPA 7470A	678399	EPA 7470A	678663
92586436031	FB-5	EPA 7470A	678404	EPA 7470A	678664
92586436032	GWC-13	EPA 7470A	681261	EPA 7470A	681332
92586436033	FB-6	EPA 7470A	681261	EPA 7470A	681332
92586436001	GWA-1	SM 2540C-2015	676439		
92586436002	GWA-2	SM 2540C-2015	676439		
92586436003	GWA-2R	SM 2540C-2015	676439		
92586436004	GWA-50	SM 2540C-2015	676439		
92586436005	DUP-1	SM 2540C-2015	676439		
92586436006	FB-1	SM 2540C-2015	676439		
92586436007	GWA-3A	SM 2540C-2015	676566		
92586436008	GWC-5	SM 2540C-2015	676566		
92586436009	GWC-6	SM 2540C-2015	676566		
92586436010	GWC-6RZ	SM 2540C-2015	676566		
92586436011	GWC-7Z	SM 2540C-2015	676566		
92586436012	GWC-8Z	SM 2540C-2015	676566		
92586436013	GWC-8RR	SM 2540C-2015	676566		
92586436014	GWC-9	SM 2540C-2015	676566		
92586436015	GWC-12	SM 2540C-2015	676566		
92586436016	GWA-50R	SM 2540C-2015	676566		
92586436017	DUP-2	SM 2540C-2015	676566		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92586436018	FB-2	SM 2540C-2015	676566		
92586436019	GWA-4RZ	SM 2540C-2015	676886		
92586436020	FB-3	SM 2540C-2015	676886		
92586436021	GWC-10	SM 2540C-2015	677214		
92586436022	GWC-10R	SM 2540C-2015	677214		
92586436023	GWC-11	SM 2540C-2015	677214		
92586436024	GWC-11R	SM 2540C-2015	677214		
92586436025	GWC-13RZ	SM 2540C-2015	677214		
92586436026	GWC-14Z	SM 2540C-2015	677214		
92586436027	GWC-15R	SM 2540C-2015	677216		
92586436028	DUP-3	SM 2540C-2015	677216		
92586436029	FB-4	SM 2540C-2015	677216		
92586436030	GWC-15Z	SM 2540C-2015	677216		
92586436031	FB-5	SM 2540C-2015	677216		
92586436032	GWC-13	SM 2540C-2015	680301		
92586436033	FB-6	SM 2540C-2015	680301		
92586436001	GWA-1	SM 2320B	798119		
92586436002	GWA-2	SM 2320B	798119		
92586436003	GWA-2R	SM 2320B	798119		
92586436004	GWA-50	SM 2320B	798119		
92586436005	DUP-1	SM 2320B	798119		
92586436006	FB-1	SM 2320B	798119		
92586436007	GWA-3A	SM 2320B	798366		
92586436008	GWC-5	SM 2320B	798366		
92586436009	GWC-6	SM 2320B	798366		
92586436010	GWC-6RZ	SM 2320B	798366		
92586436011	GWC-7Z	SM 2320B	798366		
92586436012	GWC-8Z	SM 2320B	798366		
92586436013	GWC-8RR	SM 2320B	798366		
92586436014	GWC-9	SM 2320B	798366		
92586436015	GWC-12	SM 2320B	798366		
92586436016	GWA-50R	SM 2320B	798366		
92586436017	DUP-2	SM 2320B	798366		
92586436018	FB-2	SM 2320B	798366		
92586436019	GWA-4RZ	SM 2320B	798903		
92586436020	FB-3	SM 2320B	798903		
92586436021	GWC-10	SM 2320B	798367		
92586436022	GWC-10R	SM 2320B	798367		
92586436023	GWC-11	SM 2320B	798367		
92586436024	GWC-11R	SM 2320B	798367		
92586436025	GWC-13RZ	SM 2320B	798367		
92586436026	GWC-14Z	SM 2320B	798903		
92586436027	GWC-15R	SM 2320B	798903		
92586436028	DUP-3	SM 2320B	798903		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 1&2
 Pace Project No.: 92586436

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92586436029	FB-4	SM 2320B	798903		
92586436030	GWC-15Z	SM 2320B	798903		
92586436031	FB-5	SM 2320B	798903		
92586436032	GWC-13	SM 2320B	800675		
92586436033	FB-6	SM 2320B	800675		
92586436001	GWA-1	EPA 300.0 Rev 2.1 1993	677743		
92586436002	GWA-2	EPA 300.0 Rev 2.1 1993	677743		
92586436003	GWA-2R	EPA 300.0 Rev 2.1 1993	677743		
92586436004	GWA-50	EPA 300.0 Rev 2.1 1993	677743		
92586436005	DUP-1	EPA 300.0 Rev 2.1 1993	677743		
92586436006	FB-1	EPA 300.0 Rev 2.1 1993	677743		
92586436007	GWA-3A	EPA 300.0 Rev 2.1 1993	677743		
92586436008	GWC-5	EPA 300.0 Rev 2.1 1993	677743		
92586436009	GWC-6	EPA 300.0 Rev 2.1 1993	677743		
92586436010	GWC-6RZ	EPA 300.0 Rev 2.1 1993	677743		
92586436011	GWC-7Z	EPA 300.0 Rev 2.1 1993	677747		
92586436012	GWC-8Z	EPA 300.0 Rev 2.1 1993	677747		
92586436013	GWC-8RR	EPA 300.0 Rev 2.1 1993	677747		
92586436014	GWC-9	EPA 300.0 Rev 2.1 1993	677747		
92586436015	GWC-12	EPA 300.0 Rev 2.1 1993	677747		
92586436016	GWA-50R	EPA 300.0 Rev 2.1 1993	677747		
92586436017	DUP-2	EPA 300.0 Rev 2.1 1993	677747		
92586436018	FB-2	EPA 300.0 Rev 2.1 1993	677747		
92586436019	GWA-4RZ	EPA 300.0 Rev 2.1 1993	677747		
92586436020	FB-3	EPA 300.0 Rev 2.1 1993	677747		
92586436021	GWC-10	EPA 300.0 Rev 2.1 1993	678003		
92586436022	GWC-10R	EPA 300.0 Rev 2.1 1993	678003		
92586436023	GWC-11	EPA 300.0 Rev 2.1 1993	678004		
92586436024	GWC-11R	EPA 300.0 Rev 2.1 1993	678004		
92586436025	GWC-13RZ	EPA 300.0 Rev 2.1 1993	678004		
92586436026	GWC-14Z	EPA 300.0 Rev 2.1 1993	678004		
92586436027	GWC-15R	EPA 300.0 Rev 2.1 1993	678004		
92586436028	DUP-3	EPA 300.0 Rev 2.1 1993	678004		
92586436029	FB-4	EPA 300.0 Rev 2.1 1993	678004		
92586436030	GWC-15Z	EPA 300.0 Rev 2.1 1993	678004		
92586436031	FB-5	EPA 300.0 Rev 2.1 1993	678004		
92586436032	GWC-13	EPA 300.0 Rev 2.1 1993	680699		
92586436033	FB-6	EPA 300.0 Rev 2.1 1993	680699		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



Document Name:
Sample Condition Upon Receipt (SCUR)
Document No.:
P-CAR-CS-033-Rev.08

Document Revised: November 25, 2020
Page 1 of 3
Issuing Authority:
Pace Carolina Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
Upon Receipt

Client Name:
GA Power

Project #: **WO# : 92586436**



Courier: Fed Ex UPS USPS Other
 Commercial Pace Other

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: JPE 2/17/22

Packing Material: Bubble Wrap Bubble Bags None Other
Thermometer: IR Gun ID: 230 Type of Ice: Wet Blue None

Biological Tissue Frozen?
 Yes No N/A

Cooler Temp: 55 Correction Factor: Add/Subtract (°C) +2

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

Cooler Temp Corrected (°C): 57

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

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

		Comments/Discrepancy:	
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2	
Start Hold Time Analysis (x72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3	
Batch Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6	
Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8	
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9	
Includes Date/Time/ID/Analysis Matrix:	<u>WT</u>		
Headspace in VOA Vials (>3 Sites)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10	
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11	
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CUSTOMER NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCUR Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____



Document Name:
Sample Condition Upon Receipt (SCUR)
 Document No.:
F-CAR-CS-033-Rev.08

Document Revised: November 15, 2021
 Page 7 of 7
 Issuing Authority:
 Pace Carolina Quality Office

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

Project #

WO# : 92586436

PH: NRG

Due Date: 02/18/22

CLIENT: CR-CR Power

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRG/ROD (water) DOC, LMg

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

Brand	BP40-125 ml, Plastic Unpreserved (N/A) (D-)	BP40-250 ml, Plastic Unpreserved (N/A)	BP70-500 ml, Plastic Unpreserved (N/A)	BP70-1 liter Plastic Unpreserved (N/A)	BP45-125 ml, Plastic HDPE (lit < 2) (D-)	BP70-250 ml, plastic HDPE (lit < 2)	BP42-125 ml, Plastic 2% Acetate & NaOCl (D)	BP48-125 ml, Plastic NaOCl (lit < 12) (D-)	WSPU-Wide mouthed Glass jar Unpreserved	AG10-1 liter Amber Unpreserved (N/A) (D-)	AG10-1 liter Amber HC (lit < 2)	AG10-250 ml, Amber Unpreserved (N/A) (D-)	AG10-1 liter Amber HDPE (lit < 2)	AG25-250 ml, Amber HDPE (lit < 2)	AG10-250 ml, Amber HDPE (N/A)(D-)	DO40-40 ml, VOA HC (N/A)	VO40-40 ml, VOA Na2S2O3 (N/A)	VO40-40 ml, VOA Unpreserved (N/A)	DO40-40 ml, VOA HDPE (N/A)	VO40-125 ml, Vials per 100-1000 (lit) (N/A)	VO40-125 ml, Vials per 100-1000 (lit) (N/A)	BP21-125 ml, Vials Plastic (N/A - 100)	BP21-250 ml, Vials Plastic (N/A - 100)		BP24-250 ml, Plastic (N/A) (D-)	AG20-200 ml, Amber Unpreserved vials (N/A)	VO40-20 ml, Scintillation vials (N/A)	DO40-40 ml, Amber Unpreserved vials (N/A)	
1	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	2	1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

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

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEQ/DMC Certification Office (ie Out of field, incorrect preservative, out of temp, incorrect containers)



Document Name:
 Sample Condition Upon Receipt (SCUR)
 Document No.:
 F-CAR-05-093-Rev.08

Document Revised: November 15, 2021
 Page 2 of 2
 Issuing Authority:
 North Carolina Office

Project #

WO#: 92586436

PR: NMG

Due Date: 02/18/22

CLIENT: CR-CR Power

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

Exceptional: VOA, Coliform, TOC, Oil and Grease, DRO/BOD5 (water) DOC, LUP

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

Sample Name	1	2	3	4	5	6	7	8	9	10	11	12
BP4U-125 ml. Plastic Unpreserved (N/A) (C-1)	/	/	/	/	/	/	/	/	/	/	/	/
BP4U-250 ml. Plastic Unpreserved (N/A)	2	2	2	2	2	2	2	2	2	2	2	2
BP4U-500 ml. Plastic Unpreserved (N/A)	1	1	1	1	1	1	1	1	1	1	1	1
BP4U-1 liter Plastic Unpreserved (N/A)												
BP4B-125 ml. Plastic w/250M (pH < 2) (C-1)	/	/	/	/	/	/	/	/	/	/	/	/
BP4B-250 ml. plastic w/250 (pH < 2)	/	/	/	/	/	/	/	/	/	/	/	/
BP4B-125 ml. Plastic (In Acetate & NaOCl) (C-1)	/	/	/	/	/	/	/	/	/	/	/	/
BP4B-125 ml. Plastic NaOCl (pH < 12) (C-1)	/	/	/	/	/	/	/	/	/	/	/	/
W50U-16 oz. mouthed Glass jar Unpreserved												
AG2U-1 liter Amber Unpreserved (N/A) (C-1)												
AG2U-1 liter Amber HD (pH < 2)												
AG2U-250 ml. Amber Unpreserved (N/A) (C-1)												
AG2U-1 liter Amber HD50M (pH < 2)												
AG2U-250 ml. Amber HD50M (pH < 2)												
AG2U-150 ml. Amber HD50M (pH < 2)												
AG2U-500 ml. Amber HD50M (pH < 2)												
AG2U-250 ml. Amber HD50M (pH < 2)												
AG2U-150 ml. Amber HD50M (pH < 2)												
AG2U-50 ml. VOA HD (N/A)												
VO4T-40 ml. VOA Na2S2O3 (N/A)												
VO4U-40 ml. VOA Unpreserved (N/A)												
VO4P-40 ml. VOA HDVOA (N/A)												
VO4B (B vials per kit)-500 (N/A)												
VO4B (B vials per kit)-400 (N/A)												
SP17-125 ml. Sterile Plastic (N/A - 16)												
SP27-250 ml. Sterile Plastic (N/A - 16)												
BP1M-250 ml. Plastic (Na2S2O3) (N-1-B-0)												
AG2U-100 ml. Amber Unpreserved vials (N/A)												
VO4B-20 ml. Dechlorination vials (N/A)												
VO4U-40 ml. Amber Unpreserved vials (N/A)												

pH Adjustment Log for Preserved Samples

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

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

Page 1 of 3

Section A Requested Chain Information Company: CA Power Address: 5000 Westborough Parkway Westborough, MA 01580 Contact: Karen Thompson/Project Manager Phone: (517)644-1115 Requested from (Project #): to (by)	Section B Requested Project Information Project Name: Florida Quar Location: Florida Project Number:	Section C Requested Information Name: Southern Co Company Name: State: South Carolina Address: City: Zip Code: 29033 Project Name: 2008 State:
REGULATORY AGENCY AGENCY: GEORGIA WATER LIST: RWQA USE Location: GA STATE:		DRAINAGE MASTER OTHER:

ITEM #	Description of Sample (Chain Information)	Valid Dates (Chain Information)	MATERIAL CODE	SAMPLE TYPE (ID-SUB-C-COM)	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Returned (Y/N)				
					DATE	TIME	BY					Residual Chlorine (Y/N)	Flow Project No./Lab I.D.	Flow Project No./Lab I.D.		
1	QWA-1	12/14/12	WT 6	21N24	1456			4	3	1	Metals - State Metals D.P. BGA Total Coliforms 66 etc				7.92	
2	QWA-2	12/14/12	WT 6	21N24	1444			4	3	1					6.30	
3	QWA-2R	12/15/12	WT 6	21N22	1545			4	3	1					6.67	
4	QWA-3															
5	QWA-4															
6	QWA-5															
7	QWA-6															
8	QWA-6R															
9	QWA-7															
10	QWA-8															
11	QWA-9															
12	QWA-4															

Sectional Comments Requested by / Application: William Licker Date: 2/14/12 Time: 0800 Accepted by / Application: Atoya Garner Date: 2/14/12 Time: 0800	Requested by / Application: Atoya Garner Date: 2/14/12 Time: 0800 Accepted by / Application: Ken Williams / Rae Date: 2/14/12 Time: 1146	Requested by / Application: Ken Williams / Rae Date: 2/14/12 Time: 1146
--	---	---

Sample Size and Location Point Name or Location: Parrotfish Dam, SGA Licker, South Stream, Shovel Location of Sample: SGA Licker Date: 2/11/12			
1	2	3	4



USE THESE SPACES FOR ANY COMMENTS OR REMARKS CONCERNING THIS REPORT. THE QUALITY CONTROL (QC) SECTION'S ANALYSIS DATA MUST BE COMPLETED SEPARATELY.

Page 2 of 3

Section A
 Requested Client Information: **QA Power**
 Requested Project Information: **Report To: Florida Justice**
 Address: **1000 Environmental Parkway**
 City: **Florida Dunes**
 State: **Florida, FL 32008**
 Client Name: **Florida Justice**
 Project Name: **Florida Justice (Amplified)**
 Requested Date: **2/11/22**
 Requested Time: **11:45 AM**

Section B
 Requested Project Information: **Report To: Florida Justice**
 Address: **1000 Environmental Parkway**
 City: **Florida Dunes**
 State: **Florida, FL 32008**
 Client Name: **Florida Justice**
 Project Name: **Florida Justice (Amplified)**
 Requested Date: **2/11/22**
 Requested Time: **11:45 AM**

Section C
 Requested Project Information: **Report To: Florida Justice**
 Address: **1000 Environmental Parkway**
 City: **Florida Dunes**
 State: **Florida, FL 32008**
 Client Name: **Florida Justice**
 Project Name: **Florida Justice (Amplified)**
 Requested Date: **2/11/22**
 Requested Time: **11:45 AM**

REGULATORY AGENCY
 FEDERAL STATE LOCAL OTHER OTHER
 Agency Name: **FLA**

#	Sample ID	Matrix Code	Sample Type	Date	Time	Temp	# of Containers	Preservatives	Analysis Test	Requester Analysis Method (Y/N)	Result	Units	Remarks
1	5.61												
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

ADDITIONAL COMMENTS

Collected by: **William Leaker** Date: **2/4/22** Time: **0800**

Accepted by: **Alysa Garner** Date: **2/4/22** Time: **0800**

Collected by: **Alysa Garner / Ryan Williams / Alan** Date: **2/4/22** Time: **1145**

Accepted by: **Alysa Garner / Alan** Date: **2/4/22** Time: **1145**

Collected by: **Alysa Garner / Alan** Date: **2/4/22** Time: **1145**

Accepted by: **Alysa Garner / Alan** Date: **2/4/22** Time: **1145**

LABORATORY USE ONLY

Print Name of Sample: **Alysa Garner / Ryan Williams / Alan**

Reference of Sample: **2/11/22**

Sample ID: **5.61**

Sample Name: **5.61**

Sample Date: **2/11/22**

Sample Time: **1145**

Sample Location: **FLA**

Sample State: **FLA**

Sample City: **FLA**

Sample Country: **FLA**

Sample Zip: **FLA**

WATER UTILITY UNIT / Analytical request document
 The Chemical Center is a global, cooperative, and innovative laboratory that must be completed accurately.



Page 3 of 3

Section A: Requester Information
 Requested Project Information
 Project No: 2008
 Location: Boonville, MO
 Project Name: Boonville Water Treatment Plant
 Requested Date: 1/27/08

Section B: Requested Analytes
 Analyte: Residual Chlorine
 Matrix: Water
 Sample Type: Water
 Matrix Code: WTR
 Sample Type Code: WTR

Section C: Collection Information
 Date Collected: 2/4/08
 Time Collected: 0800
 # of Containers: 1
 Preservation: Chilled
 Analysis Test: Residual Chlorine

Section D: Laboratory Agency
 Agency Name: Chemical Center
 Address: 1200 N. 1st St., Boonville, MO 64608
 Phone: 660-222-2000
 State: MO

Section E: Additional Comments
Minimum Leaker
Attya Garner
Ryan Williams / Fran

ID	Description	Matrix Code	Sample Type	Collected			Sample Temp at Collection	# of Containers	Preservation		Analysis Test	Requested Analysis Interval (Yrs)		Residual Chlorine (Yr%)	Free Project Res. Lab ID
				Date	Time	Temp			Method	Other		Start	End		
1	DUP-1	WTR	WTR	2/4/08	0800	0800	1	Chilled		Residual Chlorine	2/1/08	2/1/08			
2	DUP-2	WTR	WTR												
3	DUP-3	WTR	WTR												
4	DUP-4	WTR	WTR												
5	DUP-5	WTR	WTR												
6	DUP-6	WTR	WTR												
7	DUP-7	WTR	WTR												
8	DUP-8	WTR	WTR												
9	DUP-9	WTR	WTR												
10	DUP-10	WTR	WTR												
11	DUP-11	WTR	WTR												
12	DUP-12	WTR	WTR												

Section F: Additional Comments
Minimum Leaker
Attya Garner
Ryan Williams / Fran

Section G: Laboratory Agency
 Agency Name: Chemical Center
 Address: 1200 N. 1st St., Boonville, MO 64608
 Phone: 660-222-2000
 State: MO

Section H: Additional Comments
Minimum Leaker
Attya Garner
Ryan Williams / Fran



CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All entries here must be completed accurately.

Page | # 3

Section A Requested Client Information Company: DA Power Address: 1000 Westshore Parkway City: Phenix Lake, AL 36168 State: AL Zip: 36168 Requested Test Number: 11504	Section B Requested Project Information Project Name: Phenix Junction Client Name: Phenix Junction Project Location: Phenix Junction Project Number:	Section C Requested Information Requested By: Southern Co Company Name: Address: City: State: Zip:	REGULATORY AGENCY Agency Name: Agency Address: Agency City: Agency State: Agency Zip:
--	---	---	---

TEST #	Sample ID <small>(P.L. 0417) Sample for water test</small>	MATERIAL CODE	SAMPLE TYPE (S-GAS O-COMP)	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVED	ANALYSIS TEST	RESIDUAL CHLORINE (PPM)
				DATE	TIME	TEMP					
1	GW-1										
2	GW-2										
3	GW-3										
4	GW-4										
5	GW-5										
6	GW-6										
7	GW-7										
8	GW-8										
9	GW-9										
10	GW-10										
11	GW-11										
12	GW-12										
13	GW-13										
14	GW-14										
15	GW-15										
16	GW-16										
17	GW-17										
18	GW-18										

APPROVAL COMMENTS	RELEASING BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	RESIDUAL CHLORINE
	William Leiber	2/4/12	0800	Amya Garner	2/4/12	0800	
	Amya Garner Kym Williams / Pico	2/4/12	11:45	Kym Williams / Pico	2/4/12	11:45	

LABORER NAME AND SIGNATURE NAME: William Leiber SIGNATURE: <i>William Leiber</i>		LABORER NAME AND SIGNATURE NAME: Amya Garner SIGNATURE: <i>Amya Garner</i>	
DATE: 2/4/12 TIME: 0800		DATE: 2/4/12 TIME: 11:45	
ANALYST NAME AND SIGNATURE NAME: William Leiber SIGNATURE: <i>William Leiber</i>		ANALYST NAME AND SIGNATURE NAME: Amya Garner SIGNATURE: <i>Amya Garner</i>	
DATE: 2/4/12 TIME: 0800		DATE: 2/4/12 TIME: 11:45	



Page 2 of 3

Section A
 Requested Client Information
 Property: QA Project
 Address: 1005 Westmoreland Parkway, Woodstock, GA 30188

Section B
 Requested Project Information
 Report To: William Gardner
 Site To: Florida Oaks
 Project Name: Florida Oaks
 Project Number: [blank]

Section C
 Requested Information
 Location: Southern Co.
 Requested Date: 2/4/12
 Requested Time: 11:45 AM
 Requested By: Ryan Williams / Paul
 Requested For: [blank]

REGULATORY AGENCY
 AFORES: GROUND WATER: DRINKING WATER:
 USE: ROA: OTHER:
 Site Location: [blank] State: GA

SECTION	Section A Requested Client Information	Section B Requested Project Information	Section C Requested Information	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVED		ANALYSIS TEST	REQUESTED ANALYSIS FILTERED (Y/N)	RESIDUAL CHLORINE (Y/N)	LABORATORY USE ONLY			
				DATE	TIME			DATE	TIME					DATE	TIME	
1	SAMPLE ID (A-Z, 0-9) / Sample No must be unique	MATRIX CODE: [blank] SAMPLE TYPE: <input type="checkbox"/> GRAB <input type="checkbox"/> COMPO	TOTAL Metals Codes ARSENIC [] BARIUM [] BISMUTH [] CADMIUM [] CHROMIUM [] COPPER [] LEAD [] MANGANESE [] MERCURY [] NICKEL [] SILICA [] SILVER [] VANADIUM [] ZINC []	2/4/12	0800	4	3	1	1	X	X	X	5.17			
2				-GWC-11A	2/4/12	11:45	4	3	1	1	X	X		X	6.35	
3				-GWC-11B												
4				-GWC-11C												
5				-GWC-12												
6				-GWC-12A												
7				-GWC-12B												
8				-GWC-12C												
9				-GWC-12D												
10				-GWC-12E												
11				-GWC-12F												
12				-GWC-12G												

ADDITIONAL COMMENTS
 SUBMITTED BY / AFFILIATION: William Gardner
 DATE: 2/4/12
 TIME: 0800

ACCEPTED BY / AFFILIATION
 DATE: 2/4/12
 TIME: 11:45

LABORATORY USE ONLY

Print Name of Sample: Ryan Williams / Paul
 Location of Sample: Florida Oaks
 Date Sample Received: 02/02/12

Sample Name: [blank]
 Sample ID: [blank]
 Sample Weight: [blank]



Page 3 of 3

Section A Requester Name: QCA Power Address: 1000 Mediterranean Highway City: Woodstock, CA 95188	Section B Requester Project Name: Report to Northern Superior City: Nevada County	Section C Sample Information Location: Southern CA	REGULATORY AGENCY Agency: <input type="checkbox"/> UNCLD <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water List: <input type="checkbox"/> RCRA <input type="checkbox"/> DTICL <input type="checkbox"/> CERCLA
Section D Project Name: Full Screen Landfill Requester Use: Cell's Land 2	Section E Requester Name: Full Screen Landfill Requester Address: Cell's Land 2	Section F Requester City: Nevada County Requester State: CA	Section G Requester Phone: 530-938-2028

SITE #	Section D Project Name / Location	Section E Matrix Code	Section F Sample Type	Section G Date	Section H Time	Section I Sample Temp at Collection	Section J # of Containers	Section K Preservatives	Section L Analysis Test	Section M Requester Analysis Method (TMS)	Section N Residual Chlorine (Y/N)	Section O Phase Project No./Lab ID.
1	Full Screen Landfill	Cell's Land 2	Cell's Land 2	2/4/12	0800	43	1	None	Asbestos	Asbestos	Y	
2	Full Screen Landfill	Cell's Land 2	Cell's Land 2	2/4/12	1145	43	1	None	Asbestos	Asbestos	Y	

Section A Requester Name: QCA Power Address: 1000 Mediterranean Highway City: Woodstock, CA 95188	Section B Requester Project Name: Report to Northern Superior City: Nevada County	Section C Sample Information Location: Southern CA	REGULATORY AGENCY Agency: <input type="checkbox"/> UNCLD <input type="checkbox"/> Ground Water <input type="checkbox"/> Drinking Water List: <input type="checkbox"/> RCRA <input type="checkbox"/> DTICL <input type="checkbox"/> CERCLA
Section D Project Name: Full Screen Landfill Requester Use: Cell's Land 2	Section E Requester Name: Full Screen Landfill Requester Address: Cell's Land 2	Section F Requester City: Nevada County Requester State: CA	Section G Requester Phone: 530-938-2028

Requester Name: QCA Power
Address: 1000 Mediterranean Highway
City: Woodstock, CA 95188
Requester Phone: 530-938-2028



CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain-Custody is a legal document. All relevant facts must be completed accurately.

Page 1 of 3

Section A Requester Name Information Requester Name: <u>GA Power</u> Address: <u>600 Westborough Parkway</u> <u>Woodstock, GA 30188</u>	Section B Requester Project Information Project Name: <u>Energy Data</u> Request To: <u>Energy Data</u>	Section C Sample Information Sample Name: <u>Energy Data</u> Sample Location: <u>Energy Data</u> Sample Date: <u>02/03/22</u>	REGULATORY AGENCY Agency Name: <u>GA</u> Agency Address: <u>GA</u>
Section D Sample Description Sample ID: <u>GA-2022-01</u> Sample Description: <u>Energy Data</u>	Section E Sample Collection Information Collection Date: <u>02/03/22</u> Collection Time: <u>11:45</u> Collection Location: <u>Energy Data</u>	Section F Sample Analysis Information Analysis Date: <u>02/03/22</u> Analysis Time: <u>08:00</u> Analysis Location: <u>Energy Data</u>	REGULATORY AGENCY Agency Name: <u>GA</u> Agency Address: <u>GA</u>

Sample ID	Matrix Code	Sample Type (D-DAB C-COMP)	Collected			Sample Temp at Collection	# of Containers	Preservatives		Analysis Test	Residual Chlorine (ppm)
			Date	Time	Temp			1	2		
1	-GWA-1-										
2	-GWA-2-										
3	-GWA-3-										
4	-GWA-4-										
5	-GWA-5-										
6	-GWA-6-										
7	-GWA-7-										
8	-GWA-8-										
9	-GWA-9-										
10	-GWA-10-										
11	-GWA-11-										
12	-GWA-12-										

Additional Comments Additional Comments: <u>William Lamber</u>	Relinquished By / Affiliation Relinquished By: <u>William Lamber</u>	Date Date: <u>2/4/22</u>	Time Time: <u>0800</u>	Accepted By / Affiliation Accepted By: <u>Amya Garner</u>	Date Date: <u>2/4/22</u>	Time Time: <u>0800</u>	Sample Conditions Sample Conditions: <u>7.25</u>
Material Used and Location Material Used: <u>Amya Garner</u> Location: <u>Energy Data</u>	Relinquished By / Affiliation Relinquished By: <u>Amya Garner</u>	Date Date: <u>2/4/22</u>	Time Time: <u>11:45</u>	Accepted By / Affiliation Accepted By: <u>Energy Data</u>	Date Date: <u>2/4/22</u>	Time Time: <u>11:45</u>	Sample Conditions Sample Conditions: <u>7.25</u>



Section A
 Client Name: City of Woodstock
 Address: 1000 Woodstock Parkway
 City: Woodstock, GA 30186

Section B
 Requested From: Request for Quote
 Requested From: Request for Quote

Section C
 Project Name: Water Treatment Plant
 Location: Woodstock, GA
 Date: 02/10/22

REGULATORY AGENCY
 AGENCY: GROUND WATER DRINKING WATER
 USE: POTABLE OTHER OTHER

Site Location: GA
 STATE: GA

Section D Well ID	Well Description	Well Status Code	CODE	MATERIAL CODE (see well entry list)	SAMPLE TYPE (see well entry list)	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives		Analysis Test	Requested Analysis (Prelim Only)	Residual Chlorine (Yield)	Trace Product (M/L) (L/D)
						DATE	TIME	PTS			TIME	1				
1	-FB-1															
2	-FB-2															
3	-FB-3															
4	-FB-3			WT 6	2/10/22	12:00			4	3	1					
5	-FB-4															
6	-FB-5															
7	-FB-6															
8	-FB-7															
9	-FB-8															
10	-FB-9															
11																
12																

ADDITIONAL COMMENTS
 WILLIAM LEADER
 ATTYA GARNER
 KYRA WILLIAMS / BOB

DATE: 2/10/22
 TIME: 12:00
 ANALYST: ATTYA GARNER
 DATE: 2/10/22
 TIME: 11:45

LABORER NAME AND SIGNATURE: William Leader
 DATE SIGNED: 02/10/22

LABORER NAME AND SIGNATURE: Attya Garner
 DATE SIGNED: 02/10/22

LABORER NAME AND SIGNATURE: Kyra Williams / Bob
 DATE SIGNED: 02/10/22

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Simple Condition Upon Receipt

Client Name:
GA Power

Project #: **WO# : 92585436**
 PH: _____ Due Date: **02/18/22**
 CLIENT: **GR-GR Power**

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: **JFE 2/18/22**

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?

Thermometer: IR Gun ID: **083** Type of Ice: Dry Blue None

Yes No N/A

Cooler Temp: **1.1** Correction Factor: Add/Subtract (°C) **+0.2**

Temp should be above freezing to 6°C

Cooler Temp Corrected (°C): **1.3**

Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No

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

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2
Short Hold Time Analysis (<72 hr)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3
Batch Turn Around Time Requested? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4 10 DAYS
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6
Pack Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8
Sample Labels Match CDC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9
Includes Date/Time/ID/Analysis Matrix: W	
Headspace in VOA Vials (>5 mm)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10
Trip Blank Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRP Review: _____ Date: _____



Document Name:
Sample Condition Upon Receipt (SCUR)
Document No.:
F-CAR-C3-03-Rev.08

Document Revised: November 15, 2021
Page 2 of 2
Issuing Authority:
Pace Carolina Quality Office

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

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRD/ROD (water) DOC, LLPg

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

Project #

WO# : 92586436

PH: NHD

Due Date: 02/18/22

CLIENT: GR-GR Power

Item #	Item Description	1	2	3	4	5	6	7	8	9	10	11	12
BP40-125 ml, Plastic Unpreserved (N/A) (D)		/	/	/	/	/	/	/	/	/	/	/	/
BP10-250 ml, Plastic Unpreserved (N/A)			2	2	2	2	2	2	2	2	2	2	2
BP20-500 ml, Plastic Unpreserved (N/A)													
BP10-1 liter Plastic Unpreserved (N/A)													
BP45-125 ml, Plastic NIOSH (pH < 2) (D)													
BP10-250 ml, plastic NIOSH (pH < 2)													
BP45-125 ml, Plastic 2N Acetic & NaOH (D)													
BP45-125 ml, Plastic NaOH (pH > 12) (D)													
WSPU-Wide mouthed Glass jar unpreserved													
AG20-1 liter Amber Unpreserved (N/A) (D)													
AG100-1 liter Amber HD (pH < 2)													
AG100-250 ml, Amber Unpreserved (N/A) (D)													
AG10-1 liter Amber NIOSH (pH < 2)													
AG10-250 ml, Amber NIOSH (pH < 2)													
AG100000-250 ml, Amber NIOSH (N/A) (D)													
DE100-60 ml, VOA HD (N/A)													
VOST-40 ml, VOA NIOSH (N/A)													
VOST-40 ml, VOA Unpreserved (N/A)													
OCOR-40 ml, VOA NIOSH (N/A)													
VOA6 (3 vials per 100-2015 kit) (N/A)													
VFA6 (3 vials per 100-2015/2016 kit) (N/A)													
SPST-125 ml, Sterile Plastic (N/A - 10)													
SPST-250 ml, Sterile Plastic (N/A - 10)													
BP10-250 ml, Fluor. (RO) (D) (1-1-17)													
AG100-100 ml, Amber Unpreserved vials (N/A)													
V100-20 ml, Sorbution vials (N/A)													
0000-40 ml, Amber Unpreserved vials (N/A)													

pH Adjustment Log for Preserved Samples

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

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DWR Certification Office (1-800-441-4242).
Out of field, incorrect preservative, out of temp, incorrect containers.



CHAIN-OF-CUSTODY / Analytical Request Document
The Chain of Custody is a US EPA 8000-9-07. An internet link must be completed accurately.

Page 2 of 3

Section A Client Information
 Requested Client Information: **QA Review**
 Requested Project Information: **Project No: Nevada Airport**
 City To: **Sparks, NV**

Section B Requested Project Information
 Project Name: **Woodford, CA 2018**
 Project Number: **1001 Woodford Parkway**

Section C Sample Information
 Project Name: **Woodford, CA 2018**
 Project Number: **1001 Woodford Parkway**
 City: **Sparks, NV**
 State: **CA**

REGULATORY AGENCY
 SPDES RCRA CERCLA RCRA RCRA RCRA RCRA

REGULATORY AGENCY
 SPDES RCRA CERCLA RCRA RCRA RCRA

Section D Requested Test Information	Vial Batch Codes MATERIAL CODE MATERIAL CODE MATERIAL CODE MATERIAL CODE MATERIAL CODE MATERIAL CODE MATERIAL CODE MATERIAL CODE MATERIAL CODE MATERIAL CODE MATERIAL CODE	MATERIAL CODE	SAMPLE TYPE (S=SOIL C=COMB)	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analytes Filtered (Y/N)	Residual Chloride (Y/N)	Phase Project Test Lab LTD.
				DATE	TIME	TIME							
1	QW-C-10			2/9/22	11:15		4	3	1	X	X	X	6.53
2	QW-C-10R			2/9/22	12:40		4	3	1	X	X	X	7.69
3	QW-C-11			2/9/22	12:33		4	3	1	X	X	X	7.20
4	QW-C-11R			2/9/22	10:45		4	3	1	X	X	X	7.58
5	QW-C-14												
6	QW-C-14R												
7	QW-C-14R2			2/9/22	09:49		4	3	1	X	X	X	7.46
8	QW-C-14Z			2/9/22	11:30		4	3	1	X	X	X	6.06
9	QW-C-14Z												
10	QW-C-15R			2/9/22	13:14		4	3	1	X	X	X	7.61
11	QW-C-15R												
12	QW-C-15R												

ADDITIONAL COMMENTS

Collected by: **William Leaker** DATE: **2/8/22** TIME: **0800** ACCEPTED BY: **Atyca Garner** DATE: **2/8/22** TIME: **0800**

Collected by: **Ryan Williams / Paul** DATE: **2/8/22** TIME: **0849** ACCEPTED BY: **Ryan Williams / Paul** DATE: **2/8/22** TIME: **0810**

LABORATORY USE ONLY - DO NOT WRITE

Print Name of Laboratory: **William Leaker / Ryan Williams / Paul** Date Request Received: **2/4/22**

Signature of Laboratory: *[Signature]* Date Request Received: **2/4/22**

Received by (Y/N)

Custody Sealed Code (Y/N)

Sample Intact (Y/N)



CHAIN-OF-CUSTODY / Analytical Request Document
 The Original Copy is a LEGAL DOCUMENT. All document fields must be completed accurately.

Page **3** of **3**

Section A Requester Contact Information Project: USA Project Address: 5000 Westborough Parkway Woodstock, CA 95118	Section B Requested Project Information Project To: Wooden Lumber	Section C Requester Information Name: William Lanker Address: Wooden Lumber 5000 Westborough Parkway Woodstock, CA 95118	REGULATORY AGENCY SPOCS: <input type="checkbox"/> (REQUIRED STATE) LST: <input type="checkbox"/> (REQUIRED STATE) Other: <input type="checkbox"/> (OTHER STATE)
Section D Requester Project Information Project Name: Point Source Lumber Cells 1 and 2	Section E Requester Contact Information Requester Name: William Lanker Requester Title: Project Manager	Section F Requester Contact Information Requester Name: William Lanker Requester Title: Project Manager	REGULATORY AGENCY SPOCS: <input type="checkbox"/> (REQUIRED STATE) LST: <input type="checkbox"/> (REQUIRED STATE) Other: <input type="checkbox"/> (OTHER STATE)

ITEM #	Section D Requested Project Information	Section E Requester Contact Information	Section F Requester Contact Information	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives		Analysis Test	Requested Analysis Method (Y/N)	Residual Chlorine (Y/N)	Date Project Mgt. Lab ID
				DATE	TIME	CONT			TIME	1				
1	-4004-							Unpreserved						
2	-4004-													
3	-4004-													
4	-4004- F3-4			2/8/22	13:45	4	3	1			X	X	X	
5	-4004-										X	X	X	
6	-4004-										X	X	X	
7	-4004-										X	X	X	
8	-4004-										X	X	X	
9	-4004-										X	X	X	
10	-4004-										X	X	X	
11														
12														

SECTION	INITIALED BY / APPLICATION	DATE	TIME	ACCEPTED BY / APPLICATION	DATE	TIME	SAMPLE CONDITIONS
1	William Lanker	2/8/22	08:00	Alysa Garner	2/8/22	08:00	
2	Alysa Garner	2/8/22	8:10	Ryan Williams / Alysa Garner	2/8/22	08:00	
3	Ryan Williams / Alysa Garner	2/8/22	08:45	Ryan Williams / Alysa Garner	2/8/22	08:00	

LABORATORY USE AND SIGNATURE	PROJECT NAME OF SAMPLE BY: <i>William Lanker</i>	DATE SIGNED: <i>2/14/22</i>	TEMP IN °C:
LABORATORY USE AND SIGNATURE	PROJECT NAME OF SAMPLE BY: <i>Alysa Garner</i>	DATE SIGNED: <i>2/14/22</i>	RECEIVED ON (Y/N):
LABORATORY USE AND SIGNATURE	PROJECT NAME OF SAMPLE BY: <i>Ryan Williams</i>	DATE SIGNED: <i>2/14/22</i>	CUSTODY SIGNED CODE (Y/N):
LABORATORY USE AND SIGNATURE	PROJECT NAME OF SAMPLE BY: <i>Alysa Garner</i>	DATE SIGNED: <i>2/14/22</i>	SAMPLE FROM (Y/N):



CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-Of-Custody is a LEGAL DOCUMENT. All relevant items must be completed accurately.

Page 2 of 3

Section A: Requested Chain of Custody. Requested Project Information: Requested To: Georgia Dept. of Transportation, Project Name: Roadway Construction, Location: Woodstock, GA 30188. Requested By: William Williams, Date: 2/17/22. Section B: Requested Project Information. Requested To: William Williams, Project Name: Roadway Construction, Location: Woodstock, GA 30188. Section C: Requested Analytical Method (TICM). Analysis Test: Metals - Base Metals, D.L.P. 504, Total Chromium As Cr. Regulatory Agency: Georgia Dept. of Transportation, State: GA. Sample Type: GROUND WATER, Containing Material: OTHER.

Table with 13 rows (ITEM # 1-13) and columns for SAMPLE ID, MATRIX CODE, SAMPLE TYPE, DATE, TIME, LOCATION, ANALYSIS TEST, and Residual Chlorine (TICM). Row 8 shows a Residual Chlorine value of 7.83. Includes a 'SAMPLE ID' label with 'DANGER DO NOT GET IN CONTACT' warning.

Section D: Additional Comments. Requested By / Application: William Williams, Date: 2/17/22, Time: 08:00. Accepted By / Application: Aysha Garner, Date: 2/17/22, Time: 08:10. Includes handwritten signatures and dates.

Signature blocks for Requested By and Accepted By. Requested By: William Williams, Date: 2/17/22. Accepted By: Aysha Garner, Date: 2/17/22. Includes a 'SAMPLE ID' label with 'DANGER DO NOT GET IN CONTACT' warning.

Summary table with columns: Temp in °C, Residual Chlorine (TICM), Date Received, and Sample Intact (%).



CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain of Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page **3** of **3**

Section A Requester Organization City/County Address City/State/Zip	Section B Requester Project Information Project Name Requester Name Requester Title	Section C Requester Information Organization City/State/Zip	REGULATORY AGENCY Agency Name City/State/Zip
Requester Organization: CA Power City/County: Woodstock, CA 90188 Address: 1000 Westmontrose Parkway City/State/Zip: Woodstock, CA 90188	Requester Project Information: Report to: Ronald Jordan Project Name: Plant Down Landfill Cells 1 and 2 Requester Name: [Blank] Requester Title: [Blank]	Requester Information: Organization: [Blank] City/State/Zip: [Blank]	REGULATORY AGENCY: [Blank]

#	Sample ID	Total Sample Counts WATER SOLIDS METALS PESTICIDES HERBICIDES FUNGICIDES POLYCYCLIC AROMATIC HYDROCARBONS POLYCYCLIC BENZENES POLYCYCLIC TERPENE POLYCYCLIC TERPENE POLYCYCLIC TERPENE	MATRIX CODE (see addenda to IOL)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVED		ANALYSIS TEST	Requested Analysis (IOL #)	Residual Chlorine (PPM)	Other Project Info (IOL #)
					DATE	TIME	TEMP			PHENOL	OTHER				
1	-01014-								Unpreserved						
2	-01014-														
3	-01014-														
4	-01014-				4/7/22	1130		4	3	1		XXXXXX			
5	-01014-														
6	-01014-														
7	-01014-														
8	-01014-														
9	-01014-														
10	-01014-														
11	-01014-														
12	-01014-														

ADDITIONAL COMMENTS	RELEASED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	INTERNAL COMMENTS
	William Looker	2/1/22	0800	Alysa Garner	2/1/22	0800	
	Alysa Garner	2/1/22	8:10	William Looker	2/1/22	0810	
	Ryan Williams	2/1/22	0810	Ryan Williams	2/1/22	0810	

NUMBERS ISSUED AND SOLICITED	PROJECT NAME OF SAMPLE SITE	DATE ISSUED	DATE RECEIVED	TEMP IN °C	RECEIVED BY (IOL #)	CUSTODY TRANSFER CODE (IOL #)	SAMPLE ID (IOL #)
	William Looker / Menden Denver	2/1/22	2/1/22				

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name: GA Power

Project #: **WO#: 92586436**
 PR: HRG Due Date: 02/18/22
 CLIENT: GA-GR Power

Courier: Fed Ex UPS USPS Client
 Commercial Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initial Person Examining Contents: JHR 2/22
CSA

Packing Material: Bubble Wrap Bubble Bags None Other
 Thermometer: See ID: 083 Yes No None

Biological Tissue Frozen? Yes No None

Cooler Temp: 3.1 Correction Factor: 0.2
 Add/Subtract (°C) 3.3

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

Cooler Temp Corrected (°C): 3.3
 USDA Regulated Soil? N/A, water sample
 Did samples originate in a quarantine zone within the United States, CA, NY, or SC (check maps)?
 Yes No

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCUR Review: _____

Date: _____

Project Manager SRP Review: _____

Date: _____

Handwritten signature

CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain of Custody is a LEGAL DOCUMENT. All requests must be completed accurately.

Page 2 of 3

Section A Requesting Organization City of Phoenix 1000 McDowell Blvd Phoenix, AZ 85004	Section B Requesting Agency City of Phoenix 1000 McDowell Blvd Phoenix, AZ 85004	Section C Requesting Agency City of Phoenix 1000 McDowell Blvd Phoenix, AZ 85004	REGULATORY AGENCY <input type="checkbox"/> EPA <input checked="" type="checkbox"/> AZDHS <input type="checkbox"/> AZDNR <input type="checkbox"/> AZDQW <input type="checkbox"/> OTHER City Location: PHOENIX, AZ
---	---	---	---

ITEM	Sample ID (P.L. 804-1) Sample ID must be unique	Matrix Code	Sample Type (G-SMB, C-COMB)	COLLECTED			Sample Temp at Collection	# of Containers	Preparations							Analysis Test	Residual Chlorine (Yield)
				DATE	TIME	TIME			Unpreserved	HClO ₂	HClO	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		
1	-QW0-10																
2	-QW0-10P																
3	-QW0-11																
4	-QW0-11A																
5	-QW0-12																
6	-QW0-13																
7	-QW0-13P																
8	-QW0-14																
9	-QW0-15																
10	-QW0-16																
11	-QW0-17																
12	-QW0-18																

Approx. Location	Approx. Date	Approx. Time	Approx. Temp	Approx. Humidity
City of Phoenix	2/17/12	11:52	72	45

Handwritten signature

CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain of Custody is a critical document. All requests should be completed accurately.

Page 3 of 3

Section A Requester: <u>City of Phoenix</u> City: <u>Phoenix</u> Address: <u>1000 West McDowell Parkway</u> City: <u>Phoenix, AZ 85008</u>	Section B Requester: <u>Phoenix Police Department</u> Requester Title: <u>Phoenix Police</u> Requester Name: <u>Phoenix Police Department</u> Requester Address: <u>Phoenix Police Department</u> Requester City: <u>Phoenix</u>	Section C Sample Information Sample Name: <u>Phoenix Police</u> Sample ID: <u>Phoenix Police</u> Sample Date: <u>2/17/12</u>	REGULATORY AGENCY <input type="checkbox"/> STATE <input type="checkbox"/> FEDERAL <input type="checkbox"/> LOCAL <input type="checkbox"/> OTHER Agency Name: <u>Phoenix Police</u> Agency Address: <u>Phoenix Police</u> Agency City: <u>Phoenix</u> Agency State: <u>AZ</u>
---	--	---	---

ITEM #	Sample ID	Matrix Code	Sample Type	COLLECTED			Sample Temp at Collection	# of Containers	Preservation						Analysis Test	Requested Analysis (mg/l)	Residual Chlorine (mg)	Free Product No./Lab ID
				DATE	TIME	TIME			Unpreserved	Refrigerated	Freezer	Chemical	Other	GC				
1	SAMPLE ID PH-12345																	
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

APPROVAL COMMENTS	RELEASED BY / AUTHORITY	DATE	TIME	APPROVED BY / AUTHORITY	DATE	TIME	SAMPLE COORDINATOR
	<i>Handwritten signature</i>			<i>Handwritten signature</i>			

LABORATORY NAME AND ADDRESS	NAME OF ANALYST	ANALYST SIGNATURE	DATE TEST COMPLETED	TEMP IN °C	RESIDUAL CHLORINE (mg)	CUSTOMER ORDER #	SAMPLE ID
	<i>Handwritten name</i>	<i>Handwritten signature</i>	<i>Handwritten date</i>				



April 19, 2022

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: BOWEN LF CELLS 3&4
Pace Project No.: 92597519

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA
- Pace Analytical Services - Minneapolis

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

Sincerely,

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Michelle Barker, WOOD E&I
Kristen Jurinko
Ms. Lauren Petty, Southern Company
Rhonda Quinn, WOOD E&I
Greg Wrenn, WOOD E&I



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

- A2LA Certification #: 2926.01*
- Alabama Certification #: 40770
- Alaska Contaminated Sites Certification #: 17-009*
- Alaska DW Certification #: MN00064
- Arizona Certification #: AZ0014*
- Arkansas DW Certification #: MN00064
- Arkansas WW Certification #: 88-0680
- California Certification #: 2929
- Colorado Certification #: MN00064
- Connecticut Certification #: PH-0256
- EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
- Florida Certification #: E87605*
- Georgia Certification #: 959
- Hawaii Certification #: MN00064
- Idaho Certification #: MN00064
- Illinois Certification #: 200011
- Indiana Certification #: C-MN-01
- Iowa Certification #: 368
- Kansas Certification #: E-10167
- Kentucky DW Certification #: 90062
- Kentucky WW Certification #: 90062
- Louisiana DEQ Certification #: AI-03086*
- Louisiana DW Certification #: MN00064
- Maine Certification #: MN00064*
- Maryland Certification #: 322
- Michigan Certification #: 9909
- Minnesota Certification #: 027-053-137*
- Minnesota Dept of Ag Approval: via MN 027-053-137
- Minnesota Petrofund Registration #: 1240*
- Mississippi Certification #: MN00064

- Missouri Certification #: 10100
- Montana Certification #: CERT0092
- Nebraska Certification #: NE-OS-18-06
- Nevada Certification #: MN00064
- New Hampshire Certification #: 2081*
- New Jersey Certification #: MN002
- New York Certification #: 11647*
- North Carolina DW Certification #: 27700
- North Carolina WW Certification #: 530
- North Dakota Certification (A2LA) #: R-036
- North Dakota Certification (MN) #: R-036
- Ohio DW Certification #: 41244
- Ohio VAP Certification (1700) #: CL101
- Ohio VAP Certification (1800) #: CL110*
- Oklahoma Certification #: 9507*
- Oregon Primary Certification #: MN300001
- Oregon Secondary Certification #: MN200001*
- Pennsylvania Certification #: 68-00563*
- Puerto Rico Certification #: MN00064
- South Carolina Certification #:74003001
- Tennessee Certification #: TN02818
- Texas Certification #: T104704192*
- Utah Certification #: MN00064*
- Vermont Certification #: VT-027053137
- Virginia Certification #: 460163*
- Washington Certification #: C486*
- West Virginia DEP Certification #: 382
- West Virginia DW Certification #: 9952 C
- Wisconsin Certification #: 999407970
- Wyoming UST Certification #: via A2LA 2926.01
- USDA Permit #: P330-19-00208
- *Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006

- South Carolina Certification #: 99006001
- South Carolina Drinking Water Cert. #: 99006003
- Florida/NELAP Certification #: E87627
- Kentucky UST Certification #: 84
- Louisiana DoH Drinking Water #: LA029
- Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40

- South Carolina Laboratory ID: 99030
- South Carolina Certification #: 99030001
- Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315

- Georgia DW Inorganics Certification #: 812
- North Carolina Certification #: 381

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LF CELLS 3&4
Pace Project No.: 92597519

Pace Analytical Services Peachtree Corners
South Carolina Certification #: 98011001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: BOWEN LF CELLS 3&4
Pace Project No.: 92597519

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92597519001	GWA-36A	Water	04/06/22 11:46	04/06/22 14:10
92597519002	FB-1	Water	04/06/22 12:20	04/06/22 14:10

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92597519001	GWA-36A	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2320B	AB3	3	PASI-M
		SM 2540C-2011	ZMC	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
92597519002	FB-1	EPA 6010D	KH	5	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2320B	AB3	3	PASI-M
		SM 2540C-2011	ZMC	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

PASI-GA = Pace Analytical Services - Peachtree Corners, GA

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92597519001	GWA-36A					
	Performed by	CUSTOME			04/06/22 15:49	
		R				
	pH	6.82	Std. Units		04/06/22 15:49	
EPA 6010D	Zinc	0.012J	mg/L	0.020	04/07/22 21:01	
EPA 6010D	Potassium	1.6	mg/L	0.20	04/07/22 21:01	
EPA 6010D	Sodium	1.2	mg/L	1.0	04/07/22 21:01	
EPA 6010D	Calcium	48.7	mg/L	1.0	04/07/22 21:01	M1
EPA 6010D	Magnesium	24.4	mg/L	0.050	04/07/22 21:01	M1
EPA 6020B	Arsenic	0.0018J	mg/L	0.0050	04/11/22 17:06	
EPA 6020B	Barium	0.041	mg/L	0.0050	04/11/22 17:06	
EPA 6020B	Beryllium	0.000061J	mg/L	0.00050	04/11/22 17:06	
EPA 6020B	Boron	0.032J	mg/L	0.040	04/11/22 17:06	
SM 2320B	Alkalinity, Total as CaCO3	192	mg/L	5.0	04/16/22 12:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	192	mg/L	5.0	04/16/22 12:20	
SM 2540C-2011	Total Dissolved Solids	238	mg/L	25.0	04/07/22 15:39	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	04/08/22 06:55	
EPA 300.0 Rev 2.1 1993	Sulfate	21.2	mg/L	1.0	04/08/22 06:55	
92597519002	FB-1					
EPA 6020B	Antimony	0.0013J	mg/L	0.0030	04/11/22 17:30	
EPA 6020B	Arsenic	0.0016J	mg/L	0.0050	04/11/22 17:30	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

Sample: GWA-36A **Lab ID: 92597519001** Collected: 04/06/22 11:46 Received: 04/06/22 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		04/06/22 15:49		
pH	6.82	Std. Units			1		04/06/22 15:49		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Zinc	0.012J	mg/L	0.020	0.0085	1	04/07/22 10:57	04/07/22 21:01	7440-66-6	
Potassium	1.6	mg/L	0.20	0.15	1	04/07/22 10:57	04/07/22 21:01	7440-09-7	
Sodium	1.2	mg/L	1.0	0.58	1	04/07/22 10:57	04/07/22 21:01	7440-23-5	
Calcium	48.7	mg/L	1.0	0.12	1	04/07/22 10:57	04/07/22 21:01	7440-70-2	M1
Magnesium	24.4	mg/L	0.050	0.012	1	04/07/22 10:57	04/07/22 21:01	7439-95-4	M1
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	04/11/22 12:02	04/11/22 17:06	7440-36-0	
Arsenic	0.0018J	mg/L	0.0050	0.0011	1	04/11/22 12:02	04/11/22 17:06	7440-38-2	
Barium	0.041	mg/L	0.0050	0.00067	1	04/11/22 12:02	04/11/22 17:06	7440-39-3	
Beryllium	0.000061J	mg/L	0.00050	0.000054	1	04/11/22 12:02	04/11/22 17:06	7440-41-7	
Boron	0.032J	mg/L	0.040	0.0086	1	04/11/22 12:02	04/11/22 17:06	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	04/11/22 12:02	04/11/22 17:06	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	04/11/22 12:02	04/11/22 17:06	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	04/11/22 12:02	04/11/22 17:06	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	04/11/22 12:02	04/11/22 17:06	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	04/11/22 12:02	04/11/22 17:06	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	04/11/22 12:02	04/11/22 17:06	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	04/11/22 12:02	04/11/22 17:06	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	04/11/22 12:02	04/11/22 17:06	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	04/11/22 12:02	04/11/22 17:06	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	04/11/22 12:02	04/11/22 17:06	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	04/18/22 10:15	04/18/22 13:15	7439-97-6	
2320B Alkalinity									
Analytical Method: SM 2320B Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	192	mg/L	5.0	1.8	1		04/16/22 12:20		
Alkalinity,Bicarbonate (CaCO3)	192	mg/L	5.0	1.8	1		04/16/22 12:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		04/16/22 12:20		
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011 Pace Analytical Services - Asheville									
Total Dissolved Solids	238	mg/L	25.0	25.0	1		04/07/22 15:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

Sample: GWA-36A Lab ID: 92597519001 Collected: 04/06/22 11:46 Received: 04/06/22 14:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	2.4	mg/L	1.0	0.60	1		04/08/22 06:55	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		04/08/22 06:55	16984-48-8	
Sulfate	21.2	mg/L	1.0	0.50	1		04/08/22 06:55	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

Sample: FB-1 **Lab ID: 92597519002** Collected: 04/06/22 12:20 Received: 04/06/22 14:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Peachtree Corners, GA									
Zinc	ND	mg/L	0.020	0.0085	1	04/07/22 10:57	04/07/22 21:21	7440-66-6	
Potassium	ND	mg/L	0.20	0.15	1	04/07/22 10:57	04/07/22 21:21	7440-09-7	
Sodium	ND	mg/L	1.0	0.58	1	04/07/22 10:57	04/07/22 21:21	7440-23-5	
Calcium	ND	mg/L	1.0	0.12	1	04/07/22 10:57	04/07/22 21:21	7440-70-2	
Magnesium	ND	mg/L	0.050	0.012	1	04/07/22 10:57	04/07/22 21:21	7439-95-4	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A									
Pace Analytical Services - Peachtree Corners, GA									
Antimony	0.0013J	mg/L	0.0030	0.00078	1	04/11/22 12:02	04/11/22 17:30	7440-36-0	
Arsenic	0.0016J	mg/L	0.0050	0.0011	1	04/11/22 12:02	04/11/22 17:30	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	04/11/22 12:02	04/11/22 17:30	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	04/11/22 12:02	04/11/22 17:30	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	04/11/22 12:02	04/11/22 17:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	04/11/22 12:02	04/11/22 17:30	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	04/11/22 12:02	04/11/22 17:30	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	04/11/22 12:02	04/11/22 17:30	7440-48-4	
Copper	ND	mg/L	0.0050	0.00050	1	04/11/22 12:02	04/11/22 17:30	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	04/11/22 12:02	04/11/22 17:30	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	04/11/22 12:02	04/11/22 17:30	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	04/11/22 12:02	04/11/22 17:30	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	04/11/22 12:02	04/11/22 17:30	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	04/11/22 12:02	04/11/22 17:30	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	04/11/22 12:02	04/11/22 17:30	7440-62-2	
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A									
Pace Analytical Services - Peachtree Corners, GA									
Mercury	ND	mg/L	0.00020	0.00013	1	04/18/22 10:15	04/18/22 13:18	7439-97-6	
2320B Alkalinity									
Analytical Method: SM 2320B									
Pace Analytical Services - Minneapolis									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	1.8	1		04/16/22 12:26		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	1.8	1		04/16/22 12:26		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1.8	1		04/16/22 12:26		
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011									
Pace Analytical Services - Asheville									
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		04/07/22 15:39		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		04/08/22 07:11	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		04/08/22 07:11	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		04/08/22 07:11	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

QC Batch:	690039	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010D ATL
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92597519001, 92597519002

METHOD BLANK: 3605646 Matrix: Water

Associated Lab Samples: 92597519001, 92597519002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	04/07/22 20:37	
Magnesium	mg/L	ND	0.050	0.012	04/07/22 20:37	
Potassium	mg/L	ND	0.20	0.15	04/07/22 20:37	
Sodium	mg/L	ND	1.0	0.58	04/07/22 20:37	
Zinc	mg/L	ND	0.020	0.0085	04/07/22 20:37	

LABORATORY CONTROL SAMPLE: 3605647

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.0	102	80-120	
Magnesium	mg/L	1	1.1	106	80-120	
Potassium	mg/L	1	1.0	103	80-120	
Sodium	mg/L	1	1.0	103	80-120	
Zinc	mg/L	1	1.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3605728 3605729

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		92597519001 Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Calcium	mg/L	48.7	1	1	48.4	49.3	-27	68	75-125	2	20	M1	
Magnesium	mg/L	24.4	1	1	24.7	25.4	30	102	75-125	3	20	M1	
Potassium	mg/L	1.6	1	1	2.6	2.6	99	101	75-125	1	20		
Sodium	mg/L	1.2	1	1	2.2	2.2	103	105	75-125	1	20		
Zinc	mg/L	0.012J	1	1	1.1	1.1	105	105	75-125	1	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92597519

QC Batch: 690695 Analysis Method: EPA 6020B
 QC Batch Method: EPA 3005A Analysis Description: 6020 MET
 Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92597519001, 92597519002

METHOD BLANK: 3609206 Matrix: Water

Associated Lab Samples: 92597519001, 92597519002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	04/11/22 16:54	
Arsenic	mg/L	ND	0.0050	0.0011	04/11/22 16:54	
Barium	mg/L	ND	0.0050	0.00067	04/11/22 16:54	
Beryllium	mg/L	ND	0.00050	0.000054	04/11/22 16:54	
Boron	mg/L	ND	0.040	0.0086	04/11/22 16:54	
Cadmium	mg/L	ND	0.00050	0.00011	04/11/22 16:54	
Chromium	mg/L	ND	0.0050	0.0011	04/11/22 16:54	
Cobalt	mg/L	ND	0.0050	0.00039	04/11/22 16:54	
Copper	mg/L	ND	0.0050	0.00050	04/11/22 16:54	
Lead	mg/L	ND	0.0010	0.00089	04/11/22 16:54	
Nickel	mg/L	ND	0.0050	0.00071	04/11/22 16:54	
Selenium	mg/L	ND	0.0050	0.0014	04/11/22 16:54	
Silver	mg/L	ND	0.0050	0.00044	04/11/22 16:54	
Thallium	mg/L	ND	0.0010	0.00018	04/11/22 16:54	
Vanadium	mg/L	ND	0.010	0.0019	04/11/22 16:54	

LABORATORY CONTROL SAMPLE: 3609207

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.099	99	80-120	
Arsenic	mg/L	0.1	0.094	94	80-120	
Barium	mg/L	0.1	0.096	96	80-120	
Beryllium	mg/L	0.1	0.10	100	80-120	
Boron	mg/L	1	1.1	105	80-120	
Cadmium	mg/L	0.1	0.095	95	80-120	
Chromium	mg/L	0.1	0.099	99	80-120	
Cobalt	mg/L	0.1	0.096	96	80-120	
Copper	mg/L	0.1	0.095	95	80-120	
Lead	mg/L	0.1	0.093	93	80-120	
Nickel	mg/L	0.1	0.095	95	80-120	
Selenium	mg/L	0.1	0.094	94	80-120	
Silver	mg/L	0.1	0.099	99	80-120	
Thallium	mg/L	0.1	0.093	93	80-120	
Vanadium	mg/L	0.1	0.096	96	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

Parameter	Units	3609208		3609209		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		92597519001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Antimony	mg/L	ND	0.1	0.1	0.099	0.10	99	100	75-125	1	20	
Arsenic	mg/L	0.0018J	0.1	0.1	0.096	0.096	95	94	75-125	0	20	
Barium	mg/L	0.041	0.1	0.1	0.14	0.14	100	100	75-125	0	20	
Beryllium	mg/L	0.000061J	0.1	0.1	0.10	0.11	103	111	75-125	7	20	
Boron	mg/L	0.032J	1	1	1.1	1.2	102	112	75-125	9	20	
Cadmium	mg/L	ND	0.1	0.1	0.095	0.096	95	96	75-125	1	20	
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20	
Copper	mg/L	ND	0.1	0.1	0.095	0.097	94	96	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.094	0.096	94	96	75-125	2	20	
Nickel	mg/L	ND	0.1	0.1	0.096	0.097	96	97	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.094	0.096	93	96	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.10	98	100	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	1	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	102	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

QC Batch: 691983	Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A	Analysis Description: 7470 Mercury
	Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92597519001, 92597519002

METHOD BLANK: 3615683 Matrix: Water

Associated Lab Samples: 92597519001, 92597519002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	04/18/22 12:42	

LABORATORY CONTROL SAMPLE: 3615684

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0026	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3615685 3615686

Parameter	Units	3615685		3615686		% Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	mg/L	ND	0.0025	0.0024	0.0037	96	148	75-125	42	20	M1,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

QC Batch:	809654	Analysis Method:	SM 2320B
QC Batch Method:	SM 2320B	Analysis Description:	2320B Alkalinity
		Laboratory:	Pace Analytical Services - Minneapolis

Associated Lab Samples: 92597519001, 92597519002

METHOD BLANK: 4296151 Matrix: Water

Associated Lab Samples: 92597519001, 92597519002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	1.8	04/16/22 10:19	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	1.8	04/16/22 10:19	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	1.8	04/16/22 10:19	

LABORATORY CONTROL SAMPLE & LCSD: 4296152 4296153

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	43.4	43.2	109	108	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4296154 4296155

Parameter	Units	10603644007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	596	40	40	638	638	104	104	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4296156 4296157

Parameter	Units	10604355001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	27.3	40	40	67.8	68.0	101	102	80-120	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4
 Pace Project No.: 92597519

QC Batch: 689939 Analysis Method: SM 2540C-2011
 QC Batch Method: SM 2540C-2011 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Asheville
 Associated Lab Samples: 92597519001, 92597519002

METHOD BLANK: 3605276 Matrix: Water
 Associated Lab Samples: 92597519001, 92597519002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	04/07/22 15:36	

LABORATORY CONTROL SAMPLE: 3605277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	262	105	90-110	

SAMPLE DUPLICATE: 3605278

Parameter	Units	92597190001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2310	1800	25	25	H1

SAMPLE DUPLICATE: 3605279

Parameter	Units	92596970004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	642	638	1	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

QC Batch: 690113	Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993	Analysis Description: 300.0 IC Anions
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92597519001, 92597519002

METHOD BLANK: 3606393 Matrix: Water

Associated Lab Samples: 92597519001, 92597519002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	04/08/22 00:47	
Fluoride	mg/L	ND	0.10	0.050	04/08/22 00:47	
Sulfate	mg/L	ND	1.0	0.50	04/08/22 00:47	

LABORATORY CONTROL SAMPLE: 3606394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.7	99	90-110	
Fluoride	mg/L	2.5	2.5	99	90-110	
Sulfate	mg/L	50	48.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3606395 3606396

Parameter	Units	92596921010		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Chloride	mg/L	12.7	50	50	64.6	64.6	104	104	90-110	0	10		
Fluoride	mg/L	ND	2.5	2.5	3.0	3.0	117	117	90-110	0	10	M1	
Sulfate	mg/L	84.8	50	50	128	124	86	79	90-110	3	10	M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3606397 3606398

Parameter	Units	92596921017		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Chloride	mg/L	ND	50	50	50.3	51.0	100	102	90-110	2	10		
Fluoride	mg/L	ND	2.5	2.5	2.5	2.6	101	102	90-110	2	10		
Sulfate	mg/L	ND	50	50	49.5	50.4	99	101	90-110	2	10		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H1 Analysis conducted outside the EPA method holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LF CELLS 3&4

Pace Project No.: 92597519

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92597519001	GWA-36A				
92597519001	GWA-36A	EPA 3010A	690039	EPA 6010D	690107
92597519002	FB-1	EPA 3010A	690039	EPA 6010D	690107
92597519001	GWA-36A	EPA 3005A	690695	EPA 6020B	690794
92597519002	FB-1	EPA 3005A	690695	EPA 6020B	690794
92597519001	GWA-36A	EPA 7470A	691983	EPA 7470A	692272
92597519002	FB-1	EPA 7470A	691983	EPA 7470A	692272
92597519001	GWA-36A	SM 2320B	809654		
92597519002	FB-1	SM 2320B	809654		
92597519001	GWA-36A	SM 2540C-2011	689939		
92597519002	FB-1	SM 2540C-2011	689939		
92597519001	GWA-36A	EPA 300.0 Rev 2.1 1993	690113		
92597519002	FB-1	EPA 300.0 Rev 2.1 1993	690113		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name: G A Power

Project #: **WO#: 92597519**



Courier: Commercial Fed Ex UPS USPS Client Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 4/6/22
COH

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer: All Gun ID: 083 Type of Ice: Dry Blue None

Biological Tissue Frozen? Yes No N/A

Cooler Temp: 2.0 Correction Factor: Add/Subtract (°C) +0.2

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

Cooler Temp Corrected (°C): 3.2

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

Did samples originate from a foreign source (Internationally including Mexico and Puerto Rico)? Yes No

Chain of Custody Present?	Yes	No	N/A	1	Comments/Discrepancy:
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	
Short Hold Time Analysis (472 hr)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	
Both Turn Around Time Requested?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	
Sufficient Volume?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	
Correct Containers Used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	
Pace Containers Used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	
Containers Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	
Sample Labels Match DOC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	
Includes Date/Time/ID/Analysis Matrix	<u>W</u>				
Residence in VOA Vials (4-6mm)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	
Trip Blank Present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11	
Trip Blank Custody Seals Present?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

COMMENTS/SAMPLE DISCREPANCY

Field Data Received? Yes No

CLIENT NOTIFICATION/RESOLUTION

Lot ID of split containers:

Person contacted: _____ Date/Time: _____

Project Manager SCUR Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

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

Project #

WO#: 92597519

PR: NRC

Due Date: 04/20/22

CLIENT: GR-GA Power

Exceptions: YCA, Coliform, TPC, Oil and Grease, DRO/RO15 (water) DOC, Uug

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

Item #	Description	1	2	3	4	5	6	7	8	9	10	11	12
BP60-125 ml Plastic Unpreserved (N/A) (C1)		/	/	/	/	/	/	/	/	/	/	/	/
BP30-250 ml Plastic Unpreserved (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
BP50-500 ml Plastic Unpreserved (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
BP50-1 liter Plastic Unpreserved (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
BP40-125 ml Plastic H2SO4 (pH < 2) (C1)		/	/	/	/	/	/	/	/	/	/	/	/
BP30-250 ml plastic HNO3 (pH < 2)		/	/	/	/	/	/	/	/	/	/	/	/
BP40-125 ml Plastic 2N Acetate & NaOH (C1)		/	/	/	/	/	/	/	/	/	/	/	/
BP40-125 ml Plastic NaOH (pH > 12) (C1)		/	/	/	/	/	/	/	/	/	/	/	/
W600-Wide mouthed Glass jar Unpreserved		/	/	/	/	/	/	/	/	/	/	/	/
AG10-1 liter Amber Unpreserved (N/A) (C1)		/	/	/	/	/	/	/	/	/	/	/	/
AG20-1 liter Amber HCl (pH < 2)		/	/	/	/	/	/	/	/	/	/	/	/
AG30-250 ml Amber Unpreserved (N/A) (C1)		/	/	/	/	/	/	/	/	/	/	/	/
AG10-1 liter Amber H2SO4 (pH < 2)		/	/	/	/	/	/	/	/	/	/	/	/
AG30-250 ml Amber HNO3 (pH < 2)		/	/	/	/	/	/	/	/	/	/	/	/
AG10000-1000 ml Amber HNO3 (N/A) (C1)		/	/	/	/	/	/	/	/	/	/	/	/
AG20-40 ml YCA HCl (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
Y600-60 ml YCA Na2S2O8 (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
Y600-40 ml YCA Unpreserved (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
Y600-40 ml YCA vBPO4 (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
Y600 (1 vial per kit)-100 ml (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
Y600 (1 vial per kit)-100 ml (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
BP50-125 ml Sterile Plastic (N/A - 100)		/	/	/	/	/	/	/	/	/	/	/	/
BP20-250 ml Sterile Plastic (N/A - 100)		/	/	/	/	/	/	/	/	/	/	/	/
BP30-500 ml Sterile Plastic (N/A - 100)		/	/	/	/	/	/	/	/	/	/	/	/
BP50-1 liter Plastic (N/A) (C1) (P-17)		/	/	/	/	/	/	/	/	/	/	/	/
AG500-100 ml Amber Unpreserved vials (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
Y600-40 ml Scintillation vials (N/A)		/	/	/	/	/	/	/	/	/	/	/	/
BP500-50 ml Amber Unpreserved vials (N/A)		/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

This Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Analytical Request Information Project Name: <u>Woodstock, GA, 2018</u> Address: <u>500 Woodstock Parkway</u> City: <u>Woodstock, GA, 30189</u> Contact Name: <u>Samuel</u> Phone: <u>770.264.4415</u> Fax: <u>770.264.4415</u> Email: <u>Samuel@woodstockga.com</u>		Section B Analytical Project Information Requested By: <u>Richard J. Adams</u> Requested For: <u>Richard Adams</u> Project Name: <u>Woodstock Landfill (Site 204)</u> Project Number: <u>2018</u>		Section C Analytical Information Requested By: <u>Richard Adams</u> Requested For: <u>Richard Adams</u> Project Name: <u>Woodstock Landfill (Site 204)</u> Project Number: <u>2018</u>	
---	--	---	--	--	--

#	WELL	SAMPLE ID	DATE	TIME	APPROVED BY / AFFILIATION	DATE	TIME	COLLECTION		ANALYSIS TEST	REMARKS
								START	END		
1	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410			Metals - Bulk Metals	
2	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410			Oil, P, 504	
3	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410			Total Carbon As	
4	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410			TOC	
5	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410				
6	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410				
7	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410				
8	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410				
9	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410				
10	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410				
11	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410				
12	CON-001	CON-001	4/16/22	1410	Richard Adams	4/16/22	1410				

APPROVED BY / AFFILIATION: <u>Richard Adams</u> DATE: <u>4/16/22</u> TIME: <u>1410</u>		APPROVED BY / AFFILIATION: <u>Richard Adams</u> DATE: <u>4/16/22</u> TIME: <u>1410</u>		APPROVED BY / AFFILIATION: <u>Richard Adams</u> DATE: <u>4/16/22</u> TIME: <u>1410</u>	
--	--	--	--	--	--



May 04, 2022

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: BOWEN LANDFILL
Pace Project No.: 92601912

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on April 29, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA

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

Sincerely,

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Michelle Barker, WOOD E&I
Kristen Jurinko
Ms. Lauren Petty, Southern Company
Rhonda Quinn, WOOD E&I
Greg Wrenn, WOOD E&I



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Laboratory ID: 99006

South Carolina Certification #: 99006001

South Carolina Drinking Water Cert. #: 99006003

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Louisiana DoH Drinking Water #: LA029

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Laboratory ID: 99030

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092

Florida DOH Certification #: E87315

Georgia DW Inorganics Certification #: 812

North Carolina Certification #: 381

South Carolina Certification #: 98011001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92601912001	GWC-5	Water	04/28/22 10:52	04/29/22 10:15
92601912002	GWC-12	Water	04/28/22 12:05	04/29/22 10:15
92601912003	GWC-48	Water	04/28/22 10:45	04/29/22 10:15
92601912004	FB-1	Water	04/28/22 12:40	04/29/22 10:15

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92601912001	GWC-5	EPA 6020B	CW1	1
92601912002	GWC-12	EPA 6020B	CW1	1
92601912003	GWC-48	EPA 7470A	VB	1
		EPA 300.0 Rev 2.1 1993	JCM	1
92601912004	FB-1	EPA 6020B	CW1	2
		EPA 7470A	VB	1
		EPA 300.0 Rev 2.1 1993	JCM	1

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

PASI-GA = Pace Analytical Services - Peachtree Corners, GA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92601912001	GWC-5					
	Performed by	CUSTOME			04/29/22 15:15	
		R				
	pH	5.78	Std. Units		04/29/22 15:15	
EPA 6020B	Beryllium	0.00078	mg/L	0.00050	05/03/22 16:17	
92601912002	GWC-12					
	Performed by	CUSTOME			04/29/22 15:15	
		R				
	pH	6.33	Std. Units		04/29/22 15:15	
EPA 6020B	Cadmium	0.00067	mg/L	0.00050	05/03/22 16:23	
92601912003	GWC-48					
	Performed by	CUSTOME			04/29/22 15:15	
		R				
	pH	5.00	Std. Units		04/29/22 15:15	
EPA 7470A	Mercury	0.00040	mg/L	0.00020	05/03/22 13:09	
EPA 300.0 Rev 2.1 1993	Chloride	5.0	mg/L	1.0	04/30/22 14:13	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Sample: GWC-5 **Lab ID: 92601912001** Collected: 04/28/22 10:52 Received: 04/29/22 10:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		04/29/22 15:15		
--------------	-----------------	--	--	--	---	--	----------------	--	--

pH	5.78	Std. Units			1		04/29/22 15:15		
----	-------------	------------	--	--	---	--	----------------	--	--

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Beryllium	0.00078	mg/L	0.00050	0.000054	1	05/03/22 10:14	05/03/22 16:17	7440-41-7	
-----------	----------------	------	---------	----------	---	----------------	----------------	-----------	--

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Sample: GWC-12 **Lab ID: 92601912002** Collected: 04/28/22 12:05 Received: 04/29/22 10:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	--------------	-----	----	----------	----------	---------	------

Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	CUSTOMER				1		04/29/22 15:15		
--------------	-----------------	--	--	--	---	--	----------------	--	--

pH	6.33	Std. Units			1		04/29/22 15:15		
----	-------------	------------	--	--	---	--	----------------	--	--

6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Cadmium	0.00067	mg/L	0.00050	0.00011	1	05/03/22 10:14	05/03/22 16:23	7440-43-9	
---------	----------------	------	---------	---------	---	----------------	----------------	-----------	--

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Sample: GWC-48 **Lab ID: 92601912003** Collected: 04/28/22 10:45 Received: 04/29/22 10:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	CUSTOMER				1		04/29/22 15:15		
pH	5.00	Std. Units			1		04/29/22 15:15		
7470 Mercury									
Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA									
Mercury	0.00040	mg/L	0.00020	0.00013	1	05/03/22 08:00	05/03/22 13:09	7439-97-6	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	5.0	mg/L	1.0	0.60	1		04/30/22 14:13	16887-00-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Sample: FB-1		Lab ID: 92601912004		Collected: 04/28/22 12:40	Received: 04/29/22 10:15	Matrix: Water				
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual	
6020 MET ICPMS		Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Beryllium	ND	mg/L	0.00050	0.000054	1	05/03/22 10:14	05/03/22 16:29	7440-41-7		
Cadmium	ND	mg/L	0.00050	0.00011	1	05/03/22 10:14	05/03/22 16:29	7440-43-9		
7470 Mercury		Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	ND	mg/L	0.00020	0.00013	1	05/03/22 08:00	05/03/22 13:11	7439-97-6		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		04/30/22 14:27	16887-00-6		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LANDFILL
 Pace Project No.: 92601912

QC Batch: 695563 Analysis Method: EPA 6020B
 QC Batch Method: EPA 3005A Analysis Description: 6020 MET
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92601912001, 92601912002, 92601912004

METHOD BLANK: 3632873 Matrix: Water
 Associated Lab Samples: 92601912001, 92601912002, 92601912004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Beryllium	mg/L	ND	0.00050	0.000054	05/03/22 14:49	
Cadmium	mg/L	ND	0.00050	0.00011	05/03/22 14:49	

LABORATORY CONTROL SAMPLE: 3632874

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Beryllium	mg/L	0.1	0.10	101	80-120	
Cadmium	mg/L	0.1	0.10	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3632875 3632876

Parameter	Units	92595615001		3632876		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Beryllium	mg/L	0.063J ug/L	0.1	0.1	0.10	0.10	101	102	75-125	0	20
Cadmium	mg/L	ND	0.1	0.1	0.10	0.11	101	106	75-125	5	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LANDFILL

Pace Project No.: 92601912

QC Batch: 695457	Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A	Analysis Description: 7470 Mercury
	Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92601912003, 92601912004

METHOD BLANK: 3632603 Matrix: Water
 Associated Lab Samples: 92601912003, 92601912004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00013	05/03/22 12:16	

LABORATORY CONTROL SAMPLE: 3632604

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0024	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3632605 3632606

Parameter	Units	3632605		3632606		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	mg/L	92600073002 ND	0.0025	0.0025	0.00099	0.00089	39	35	75-125	10	20 M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BOWEN LANDFILL

Pace Project No.: 92601912

QC Batch: 695206	Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993	Analysis Description: 300.0 IC Anions
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92601912003, 92601912004

METHOD BLANK: 3631421 Matrix: Water

Associated Lab Samples: 92601912003, 92601912004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	04/30/22 13:45	

LABORATORY CONTROL SAMPLE: 3631422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.0	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3631423 3631424

Parameter	Units	92601535009		3631423		3631424		% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
Chloride	mg/L	92.1	50	50	123	123	63	61	90-110	1	10 M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3631425 3631426

Parameter	Units	92601782003		3631425		3631426		% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
Chloride	mg/L	1.7	50	50	53.9	54.7	104	106	90-110	1	10

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: BOWEN LANDFILL

Pace Project No.: 92601912

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BOWEN LANDFILL

Pace Project No.: 92601912

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92601912001	GWC-5				
92601912002	GWC-12				
92601912003	GWC-48				
92601912001	GWC-5	EPA 3005A	695563	EPA 6020B	695646
92601912002	GWC-12	EPA 3005A	695563	EPA 6020B	695646
92601912004	FB-1	EPA 3005A	695563	EPA 6020B	695646
92601912003	GWC-48	EPA 7470A	695457	EPA 7470A	695609
92601912004	FB-1	EPA 7470A	695457	EPA 7470A	695609
92601912003	GWC-48	EPA 300.0 Rev 2.1 1993	695206		
92601912004	FB-1	EPA 300.0 Rev 2.1 1993	695206		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

GA Power

Project #:

WO#: 92601912



92601912

Courier:

Commercial Fed Ex UPS USPS Other Next

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: *4/29/22 CH*

Packing Material: Bubble Wrap Bubble Bag Pellet Other

Biological Tissue Frozen?

Yes No Not

Thermometer:

Cool ID: *214* Type of Ice: Dry Blue None

Cooler Temp:

3.3 Correction Factor: Add/Subtract (°C) *+0.1*

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): *3.4*

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States, CA, NY, or DC (check maps)?

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

Comments/Discrepancy:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2
Short Hold Time Analysis (C7 to ?)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3
Back Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6
Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7
Dissolved Analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8
Sample Labels Match CDC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9
Includes Date/Time/ID/Analysis Matrix	<i>W</i>	
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURP Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
 Sample Condition Upon Receipt (SCUR)
 Document No.
 F-CAR-CS-033-Rev-08

Document Revised: November 15, 2021
 Page 2 of 2
 Issuing Authority:
 Pace Carolina's Quality Control

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

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRG/BOLS (with) DOC, UMG

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

Project #

WO# : 92601912

PR: NHC

Due Date: 05/06/22

CLIENT: GR-GR Power

Brand	1	2	3	4	5	6	7	8	9	10	11	12
BF10-125 ml, Plastic Unpreserved (N/A) (D-1)	/	/	/	/	/	/	/	/	/	/	/	/
BF10-250 ml, Plastic Unpreserved (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
BF10-500 ml, Plastic Unpreserved (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
BF10-1 liter Plastic Unpreserved (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
BF10-125 ml, Plastic HDPE (pH & T) (D-1)	/	/	/	/	/	/	/	/	/	/	/	/
BF10-250 ml, plastic HDPE (pH & T)	/	/	/	/	/	/	/	/	/	/	/	/
BF10-125 ml, Plastic 20 Acetate & NaOH (pH)	/	/	/	/	/	/	/	/	/	/	/	/
BF10-125 ml, Plastic NaOH (pH & T) (D-1)	/	/	/	/	/	/	/	/	/	/	/	/
WFO-Wide mouthed Glass jar Unpreserved	/	/	/	/	/	/	/	/	/	/	/	/
ACT10-1 liter Amber Unpreserved (N/A) (D-1)	/	/	/	/	/	/	/	/	/	/	/	/
ACT10-1 liter Amber HD (pH & T)	/	/	/	/	/	/	/	/	/	/	/	/
ACT10-250 ml Amber Unpreserved (N/A) (D-1)	/	/	/	/	/	/	/	/	/	/	/	/
ACT10-500 ml Amber HDPE (pH & T)	/	/	/	/	/	/	/	/	/	/	/	/
ACT10-750 ml Amber HDPE (pH & T)	/	/	/	/	/	/	/	/	/	/	/	/
ACT1000 500-750 ml Amber HDPE (N/A)(D-1)	/	/	/	/	/	/	/	/	/	/	/	/
DOPE-40 ml, VOA HD (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
VOST-40 ml, VOA NaOH (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
VOST-40 ml, VOA Unpreserved (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
DOPE-40 ml, VOA HDPE (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
VOA (3 vials per set)-500 ml (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
VOA (3 vials per set)-VVO/VVO set (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
SP1-125 ml, Sterile Flask (N/A - 50)	/	/	/	/	/	/	/	/	/	/	/	/
SP1-250 ml, Sterile Flask (N/A - 50)	/	/	/	/	/	/	/	/	/	/	/	/
BF10-250 ml, Plastic (NaOH) (D-1)	/	/	/	/	/	/	/	/	/	/	/	/
ACT10-100 ml Amber Unpreserved vials (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
VOST-40 ml, Corrosion vial (N/A)	/	/	/	/	/	/	/	/	/	/	/	/
DOPE-40 ml Amber Unpreserved vials (N/A)	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

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

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



Data Evaluation Narrative

**Project: Plant Bowen CCR Event # 18 Groundwater Detection Monitoring/
Semiannual State Design and Operation Permit Monitoring**

Wood Project Number: 6122160287.2103.****

Site: Landfill Cells 3 & 4 - Plant Bowen, Georgia

Matrix: Groundwater

Pace SDG No: 92585058

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the CCR Event # 18 Groundwater Detection Monitoring Sampling Event and the Semiannual State Design and Operation (D&O) Permit sampling event conducted at Landfill Cells 3 & 4 at Plant Bowen, located in Cartersville, Georgia in January 2022. The samples were collected and analyzed per the protocols presented in the Plant Bowen *Field Sampling Plan* (FSP), Revision 1, Update 3 (Amec Foster Wheeler, 2017). The following sections provide summary discussions of the required data qualifications for the methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory's precision and accuracy limits, the method requirements, and any requirements listed in the FSP. It should be noted that at the time of this review, a finalized QAPP was not provided. DQE data qualifications were applied, if necessary, using the procedures in USEPA National Functional Guidelines for Inorganic Data Review (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.



<u>Qualifier</u>	<u>Unusable Data</u>
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood, formerly Amec Foster Wheeler) is complete to perform a Level II DQE for United States Environmental Protection Agency (USEPA) Methods SW6010D, SW6020B, SW7470A, EPA 300.0, SM 2320B and SM 2540C.

Sample Integrity

The groundwater samples were submitted to Pace Analytical Services, Inc. (Pace) in Peachtree Corners, Georgia and analyzed for CCR Appendix III metals and State D&O Permit metals by Method 6010D and 6020B, mercury by Method SW7470A, anions (chloride, fluoride, and sulfate) by Method 300.0, alkalinity by Method SW 2320B and total dissolved solids (TDS) by Method SM 2540C.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following groundwater and quality control (QC) samples:

Sample ID	Sample Date	DQE Level	Sample ID	Sample Date	DQE Level
GWC-16R	01/28/22	II	GWA-53	01/26/22	II
GWC-17R	01/28/22	II	GWA-53R	01/26/22	II
GWC-18	01/28/22	II	GWA-54	01/25/22	II
GWC-18R	01/27/22	II	GWA-55	01/26/22	II
GWC-19R	01/27/22	II	GWA-55R	01/27/22	II
GWC-20R	01/27/22	II	GWA-56	01/26/22	II
GWC-21R	01/28/22	II	<u>QA/QC Samples:</u>		
GWC-22R	01/27/22	II	EB-1	01/26/22	II
GWC-23R	01/28/22	II	FB-1*	01/25/22	II
GWC-24R	01/28/22	II	FB-2	01/26/22	II
GWC-25R	01/27/22	II	FB-3*	01/27/22	II
GWA-36RA	01/26/22	II	FB-4*	01/28/22	II
GWA-37	01/26/22	II	Dup-1	01/26/22	II
GWA-38	01/25/22	II	Dup-2	01/27/22	II
GWA-51RZ	01/26/22	II	Dup-3	01/28/22	II
GWA-52	01/25/22	II			

The samples reported in this SDG were collected from Landfill Cells 3&4 on January 25 through January 28, 2022. Sample Dup-1 is the field duplicate sample of GWA-55, Dup-2 is the field duplicate sample of GWC-18R, and Dup-3 is the field duplicate sample of GWC-24R. One field blank per day was collected, and one equipment blank was collected on the equipment used to sample the locations at Landfill Cells 3&4. *Sample IDs were modified per the GPC requested nomenclature for field blank samples FBL-1, FBL-3, and FBL-4 to FB-1, FB-3, and FB-4.

The analytical results for the metals, anions, alkalinity, and TDS data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Metals (SW6010D/SW6020B/SW7470A)

The samples were submitted to Pace for CCR Appendix III and State D&O Permit metals by Method SW6010D, SW6020B, and/or mercury by SW7470A. The CCR Appendix III metals are: boron (B) and calcium (Ca). The State D&O Permit metals are: antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), thallium (Tl), vanadium (V), and zinc (Zn). Each of the Level II components were within QC limits except for MS/MSD recoveries and method and field blank contamination.

Holding Times

The sample analyses were performed within the 6 month and 28-day (for mercury) analysis holding times.

Method Blanks

One of the method blanks associated with samples in this SDG reported antimony between the reporting limit (RL) and the method detection limit (MDL). Results less than ten times the method blank are considered "not detected" as a possible laboratory artifact: **Reason Code: BL.**

Action: The antimony results for samples GWC-21R and DUP-2 were qualified as not detected due to laboratory blank contamination and flagged "U".*

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

MS/MSD analyses were performed for metals on samples GWA-38, GWA-52, GWA-55, GWC-16R, and GWC-18R and the recoveries and RPDs were within QC limits except for MS/MSD recoveries of Ca and Mg in sample GWC-18R.

Action: No qualification was necessary because the sample results were more than 4 times greater than the spike concentration.

Field Duplicate Precision

Three field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. Equipment rinsate blanks are collected to monitor the decontamination process and field blanks are collected to assess the water used to decontaminate the equipment and the containers into which samples are placed. The equipment blank sample submitted in this SDG did not contain metals, and no results were considered possible field artifacts. One or more of the field blanks contained the following analytes: arsenic. Results less than ten times the field blank are considered "not detected" as a possible field artifact: **Reason Code: BF.**

Action: The positive arsenic results less than ten times the field blanks were qualified as not detected due to possible field blank contamination and flagged "U".*

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of metals by USEPA Method SW6010D, SW6020B and 7470A. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier was retained by the data validator.

Total and Dissolved Metals Comparison

If total and dissolved metals samples were collected, comparison of the total and dissolved results can aid in the representativeness of the total metals value versus the metals that may be associated with suspended solids and metals actually dissolved within the water column. The dissolved metals results should be less than or equal to the total metals concentration for positive results greater than 5 times the RL. No dissolved samples were collected and reported in this SDG.

Anions (EPA 300)

The samples were submitted to Pace for anions (chloride, fluoride, and sulfate) by Method 300.0, and each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the 28-day analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain anions indicating the analytical system was contaminant free during analysis.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

An MS/MSD analysis was performed on samples GWA-53R and FB-4 and recoveries and RPDs were within QC limits.

Field Duplicate Precision

Three field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank and field blank samples submitted in this SDG did not contain anions, and no results were considered possible field artifacts.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of anions by USEPA Method 300. One sample, GWC-23R, was diluted for sulfate (2x) to place the concentration within the calibration range. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier was retained by the data validator.

Alkalinity (SM 2320B)

The samples were submitted to Pace for alkalinity (total alkalinity, bicarbonate alkalinity, and carbonate alkalinity) by Method SM 2320B. Each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain alkalinity.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

An MS/MSD analysis was performed on samples GWA-52 and recoveries and RPDs were within QC limits.

Field Duplicate Precision

Three field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Laboratory Duplicate Precision

Laboratory duplicates were not analyzed for any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank and field blanks associated with the samples in this SDG did not contain alkalinity.

Reporting Limits

The laboratory RL was below the screening value of 500 mg/L for samples submitted for the analysis of alkalinity by Method SM 2320B and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier was retained by the data validator.

TDS (SM 2540C)

The samples were submitted to Pace for TDS by Method SM 2540C. Each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the 7-day analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain TDS.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Field Duplicate Precision

Three field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Laboratory Duplicate Precision

Laboratory duplicates were analyzed for TDS on samples EB-1 and GWC-25R and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank and field blanks associated with the samples in this SDG did not contain TDS.

Reporting Limits

The laboratory RL was below the screening value of 500 mg/L for samples submitted for the analysis of TDS by Method SM 2540C and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however no TDS results were reported between the MDL and RL.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. Professional judgment was not used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 22 wells, along with the required QC samples, were sampled and analyzed during the January event in Landfill Cells 3&4 according to the FSP (Amec Foster Wheeler, 2017). Each of the 22 well locations reported in this SDG were sampled and analyzed as scoped. However, well GWA-36 was scoped but was not sampled because the turbidity was high and the well could not be successfully re-developed. Additionally, surface water sample SS-1 was scoped but could not be sampled because of insufficient volume of water.

Therefore, field completeness is 94% (planned verses actual samples collected) and analytical completeness calculated for this SDG was 100%.

References

Amec Foster Wheeler, 2017. *Field Sampling Plan – Plant Bowen*, Georgia Power Company, Earth Science and Environmental Engineering Technical Services, Southern Company Services, Inc. (SCS), Revision 1, Update 3, October 16, 2017.

USEPA, 2020. *EPA National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA-542-R-20-006, November 2020.

Prepared by/Date: JPM 02/21/22

Checked By/Date: JAH 03/09/22

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92585058
SAMPLING DATES: January 25 through 28, 2022
Plant Bowen Landfill Cells 3 & 4: Event 18

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
GWA-36RA	GWA-36RA	N	92585058	6020B	boron	0.012	J	J	--	mg/L
FB-1	Field Blank	FB	92585058	6020B	arsenic	0.0013	J	J	--	mg/L
FB-2	Field Blank	FB	92585058	6020B	arsenic	0.0013	J	J	--	mg/L
GWA-37	GWA-37	N	92585058	300.0	chloride	0.88	J	J	--	mg/L
GWA-37	GWA-37	N	92585058	6010D	calcium	0.7	J	J	--	mg/L
GWA-37	GWA-37	N	92585058	6020B	arsenic	0.0019	J	U*	BF	mg/L
GWA-37	GWA-37	N	92585058	6020B	barium	0.0046	J	J	--	mg/L
GWA-38	GWA-38	N	92585058	300.0	sulfate	0.58	J	J	--	mg/L
GWA-38	GWA-38	N	92585058	SM2320B	alkalinity biocarbonate	4.9	J	J	--	mg/L
GWA-38	GWA-38	N	92585058	SM2320B	alkalinity, total	4.9	J	J	--	mg/L
GWA-38	GWA-38	N	92585058	6020B	chromium	0.0014	J	J	--	mg/L
GWA-38	GWA-38	N	92585058	6020B	cobalt	0.0011	J	J	--	mg/L
GWA-38	GWA-38	N	92585058	6020B	nickel	0.00093	J	J	--	mg/L
GWA-51RZ	GWA-51RZ	N	92585058	6020B	arsenic	0.0047	J	U*	BF	mg/L
GWA-51RZ	GWA-51RZ	N	92585058	6020B	boron	0.0088	J	J	--	mg/L
GWA-52	GWA-52	N	92585058	6020B	arsenic	0.003	J	U*	BF	mg/L
GWA-52	GWA-52	N	92585058	6020B	chromium	0.0012	J	J	--	mg/L
GWA-53	GWA-53	N	92585058	6020B	beryllium	0.00007	J	J	--	mg/L
GWA-54	GWA-54	N	92585058	300.0	chloride	0.81	J	J	--	mg/L
GWA-54	GWA-54	N	92585058	6020B	chromium	0.0013	J	J	--	mg/L
GWA-55	GWA-55	N	92585058	6010D	sodium	0.97	J	J	--	mg/L
GWA-55	GWA-55	N	92585058	6020B	cobalt	0.0035	J	J	--	mg/L
GWA-55	GWA-55	N	92585058	6020B	selenium	0.0025	J	J	--	mg/L
DUP-1	GWA-55	FD	92585058	6020B	arsenic	0.002	J	U*	BF	mg/L
DUP-1	GWA-55	FD	92585058	6020B	cobalt	0.0039	J	J	--	mg/L
DUP-1	GWA-55	FD	92585058	6020B	selenium	0.0025	J	J	--	mg/L
GWA-55R	GWA-55R	N	92585058	6020B	arsenic	0.0019	J	J	--	mg/L
GWA-55R	GWA-55R	N	92585058	6020B	selenium	0.0016	J	J	--	mg/L
GWA-56	GWA-56	N	92585058	300.0	fluoride	0.076	J	J	--	mg/L
GWA-56	GWA-56	N	92585058	6020B	arsenic	0.0015	J	U*	BF	mg/L
GWA-56	GWA-56	N	92585058	6020B	boron	0.014	J	J	--	mg/L
GWC-16R	GWC-16R	N	92585058	6020B	boron	0.021	J	J	--	mg/L
GWC-16R	GWC-16R	N	92585058	6020B	chromium	0.0011	J	J	--	mg/L
GWC-16R	GWC-16R	N	92585058	6020B	copper	0.00088	J	J	--	mg/L
GWC-18	GWC-18	N	92585058	6020B	chromium	0.00014	J	J	--	mg/L
GWC-18R	GWC-18R	N	92585058	6020B	beryllium	0.000055	J	J	--	mg/L
GWC-18R	GWC-18R	N	92585058	6020B	cobalt	0.0015	J	J	--	mg/L
DUP-2	GWC-18R	FD	92585058	6020B	antimony	0.0009	J	U*	BL	mg/L
DUP-2	GWC-18R	FD	92585058	6020B	beryllium	0.000056	J	J	--	mg/L

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92585058
SAMPLING DATES: January 25 through 28, 2022
Plant Bowen Landfill Cells 3 & 4: Event 18

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
GWC-21R	GWC-21R	N	92585058	6020B	antimony	0.0061	B	U*	BL	mg/L
GWC-21R	GWC-21R	N	92585058	6020B	arsenic	0.0031	J	J	--	mg/L
GWC-21R	GWC-21R	N	92585058	6020B	boron	0.011	J	J	--	mg/L
GWC-21R	GWC-21R	N	92585058	6020B	nickel	0.0014	J	J	--	mg/L
GWC-21R	GWC-21R	N	92585058	6020B	thallium	0.00021	J	J	--	mg/L
GWC-22R	GWC-22R	N	92585058	6020B	arsenic	0.0045	J	J	--	mg/L
GWC-22R	GWC-22R	N	92585058	6020B	cobalt	0.0011	J	J	--	mg/L
GWC-22R	GWC-22R	N	92585058	6020B	nickel	0.00076	J	J	--	mg/L
GWC-23R	GWC-23R	N	92585058	6010D	zinc	0.0099	J	J	--	mg/L
GWC-23R	GWC-23R	N	92585058	6020B	arsenic	0.0026	J	J	--	mg/L
GWC-23R	GWC-23R	N	92585058	6020B	cooper	0.00068	J	J	--	mg/L
GWC-24R	GWC-24R	N	92585058	6020B	arsenic	0.0021	J	J	--	mg/L
DUP-3	GWC-24R	FD	92585058	6020B	arsenic	0.0015	J	J	--	mg/L
DUP-3	GWC-24R	FD	92585058	6020B	copper	0.00054	J	J	--	mg/L

Laboratory Qualifiers:

B = Analyte detected in the associated method blank.

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

Reason Codes:

BF = Field blank contamination. The result should be considered "not-detected".

BL = Laboratory blank contamination. The result should be considered "not-detected".

-- = No Reason Code assigned for values detected between the method detection limit (MDL) and the reporting limit (RL);estimated quantitation.

Validation Qualifiers:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only. The associated numerical value is the approximate concentration of the analyte in the sample.

U* = This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

Prepared by/Date: JPM 03/07/22

Checked by/Date: JAH 03/09/22

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2103.****

Method: Metals and Mercury by SW6010D/SW6020B/SW7470

Laboratory and Lot: Pace SDG: 92585058

Reviewer/Date: J. McIntyre 02/18/22 **Senior Reviewer/Date:** J. Hartness 03/09/22

YES NO NA COMMENTS

 Case Narrative and COC Completeness Review
OK

 Sample Preservation and cooler temperature met (HNO₃ to pH<2)
OK, 5.1°C, 4.9°C

 Holding times met (180 days; Hg = 28 days)
Coll: 01/25/22-01/28/22
Prep: metals – 02/05/22, 02/10/22,
 Hg – 02/08/22, 02/09/22
Anal: metals – 02/07/22, 02/10/22, 02/11/22, 02/14/22
 Hg – 02/08/22, 02/09/22

 QC Blanks Review
Method Blanks:
p. 71 MB 3539086 (6010) = ND p. 72 MB 3543806 (6010) = ND
p. 73 MB 3543812 (6020) = ND p. 75 MB 3546468 Sb=0.00078Jx10=0.0078
Results <5x blank flagged U: GWC-21R, DUP-2*
p. 77 MB 3541084 (7470) Hg = ND p. 78 MB 3541855 (7470) Hg = ND
p. 79 MB 3543214 (7470) Hg = ND

Equipment blank:
EB-1 = All ND

Field blanks: *Results < 10x blank flagged U**
FB-1 As = 0.0013J x 10 = 0.013 mg/L
Flag U*: GWA-52
FB-2 As = 0.0013J x 10 = 0.013 mg/L
Flag U*: GWA-37, GWA-51RZ, DUP-1, GWA-56

FB-3 = All ND FB-4 = All ND

Metals and Mercury by 6020B/7470A (cont.)

YES NO NA COMMENTS

**Laboratory Control Sample (LCS) recovery within limits
(Metals 70-130%, Hg = 80-120%)**

p. 71 LCS 3539087 (6010) = All OK
 p. 73 LCS 3543813 (6020) = All OK
 p. 77 LCS 3541085 (7470) Hg = 94%
 p. 79 LCS 3543215 (7470) Hg = 101%

p. 72 LCS 3543807 (6010) = All OK
 p. 75 LCS 3546469 (6020) = All OK
 p. 78 LCS 3541856 (7470) Hg = 89%

Lab Duplicate - Field Duplicate precision goals met (20%)

In mg/L. For results <RL, diff must be <RL

	<u>GWA-55</u>	<u>Dup-1</u>	<u>RPD or Diff</u>	<u>RL</u>
As	0.0011 U	0.002 U*	NC	0.005
Ba	0.026	0.029	10.9%	
Co	0.0035 J	0.0039 J	0.0004	0.005
Ca	53.2	53.7	0.94%	
Mg	27.9	28.3	1.4%	
K	1.4	1.5	6.9%	
Na	0.97 J	1.0	0.03	1.0
Se	0.0025 J	0.0025 J	0	0.005

	<u>GWC-18R</u>	<u>Dup-2</u>	<u>RPD or Diff</u>	<u>RL</u>
Ca	29.3	30.8	5.0%	
Sb	0.00078 U	0.0009 JB	0.00022	0.003
Ba	0.014	0.015	6.9%	
Be	0.000055 J	0.000056 J	0.000001	0.0005
Cr	0.0015 J	0.0011 U	0.0004	0.005
K	0.63	0.72	13%	
Na	1.4	1.4	0%	
Mg	16.4	16.8	2.4%	

	<u>GWC-24R</u>	<u>Dup-3</u>	<u>RPD or Diff</u>	<u>RL</u>
As	0.0021 J	0.0015 J	0.0006	0.005
Ba	0.024	0.023	8.3%	
Ca	34.4	33.5	2.7%	
Cu	0.0005 U	0.00054 J	0.00004	0.005
Mg	18.9	18.5	2.1%	
K	0.87	0.83	4.7%	
Na	1.5	1.6	6.5%	

Metals and Mercury by 6020B/7470A (cont.)

YES NO NA COMMENTS

Matrix Spike recoveries and RPDs within limits (75-125%, RPD 20)

6010

p. 71 GWA-38 = %Recs and RPDs OK

p. 72 GWC-18R Ca = **174, 218**% RPD = 1 *No flag; sample >4x spike*

Mg = **172, 172**% RPD = 0 *No flag; sample >4x spike*

p. 74 GWA-52 (6020) All %rec and RPDs OK

p. 76 GWC-16R (6020) All %rec and RPDs OK

p. 77 (7470) - Not a sample from this SDG

p. 78 GWA-55 Hg = 92, 94% RPD = 2 p. 79 (7470) - Not a sample from this SDG

Total metals vs dissolved metals within limits (RPD < 20% or diff. < RL)

No dissolved metals in this SDG

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

100% of the results in this SDG were checked

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2103.****

Method: Anions (chloride, fluoride, sulfate) by EPA 300.0

Laboratory and Lot: Pace SDG: 92585058

Reviewer/Date: J. McIntyre 02/21/22 **Senior Reviewer/Date:** J. Hartness 03/09/22

YES NO NA COMMENTS

 Case Narrative and COC Completeness Review

 Sample Preservation and cooler temperature met (Cool to 6°C)
OK, 5.1°C, 4.9°C

 Holding times met (Cl, SO₄, F – 28 days)
Coll: 01/25/22-01/28/22
Anal: 02/01/22, 02/02/22, 02/04/22, 02/06/22

 QC Blanks Review
Method Blanks:
p. 88 MB 3533812 = ND p. 89 MB 3533818 = ND
p. 90 MB 3535178 = ND p. 91 MB 3539901 = ND
p. 92 MB 3540061 = ND

Equipment blank: EB-1= All ND
Field blanks: Results < 10x blank flagged U*
FB-1 through FB-4 = All ND

 Laboratory Control Sample (LCS) recovery within limits (90-110%)
p. 88 LCS 3533813 - all ok p. 89 LCS 3533819 – all ok
p. 90 LCS 3535179 – all ok p. 91 LCS 3539902 – all ok
p. 92 LCS 3540062 – all ok

 Lab Duplicate - Field Duplicate precision goals met (20%)

	<u>GWA-55</u>	<u>Dup-1</u>	<u>RPD or Diff</u>	<u>RL</u>
Cl ⁻	5.8	5.8	0%	
SO ₄	32.5	32.7	0.613%	
	<u>GWC-18R</u>	<u>Dup-2</u>	<u>RPD or Diff</u>	<u>RL</u>
Cl ⁻	2.3	2.3	0%	
SO ₄	2.1	2.1	0%	
	<u>GWC-24R</u>	<u>Dup-3</u>	<u>RPD or Diff</u>	<u>RL</u>
Cl ⁻	2.2	2.2	0%	
SO ₄	2.3	2.3	0%	

Anions (chloride, fluoride, sulfate) by EPA 300.0 (cont.)

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
	<input checked="" type="checkbox"/>		<p>Matrix Spike recoveries and RPDs within limits (lab %Rec limits, RPD = 20) p. 88 not samples from this SDG p. 89 GWA-53R F = 101, 96% RPD = 5 Cl = 108, 103% RPD = 4 SO₄= 107, 106% RPD = 2 p. 90 not samples from this SDG p. 91 not samples from this SDG p. 92 FB-4 - %Recs and RPDs OK</p>
	<input checked="" type="checkbox"/>		<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>100% of the results in this SDG were checked</i></p>

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2303.****

Method: TDS by SM 2540C

Laboratory and Lot: Pace SDG: 92585058

Reviewer/Date: J. McIntyre 02/18/22 **Senior Reviewer/Date:** J. Hartness 03/09/22

YES NO NA COMMENTS

 Case Narrative and COC Completeness Review
OK

 Sample Preservation and cooler temperature met (Cool to 6°C)
OK, 5.1°C, 4.9°C

 Holding times met (7 days)
Coll: 01/25/22-01/28/22
Anal: 02/01/22-02/03/22

 QC Blanks Review
Method Blanks:
p. 80 MB 3533883 TDS = ND p. 81 MB 3535377 TDS = ND
p. 82 MB 3535385 TDS = ND p. 83 MB 3536822 TDS = ND

Equipment blanks: Field blanks
EB-1 = ND FB-1 through FB-4 = All ND

 Laboratory Control Sample (LCS) recovery within lab limits
p. 80 LCS 3533884 TDS = 96%
p. 81 LCS 3535378 TDS = 96%
p. 82 LCS 3535386 TDS = 96%
p. 83 LCS 3536823 TDS = 94%

 Lab Duplicate - Field Duplicate precision goals met (20%)

	<u>GWA-55</u>	<u>Dup-1</u>	<u>RPD or Diff</u>	<u>RL</u>
TDS	244	226	7.7%	
	<u>GWC-18R</u>	<u>Dup-2</u>	<u>RPD or Diff</u>	<u>RL</u>
TDS	146	147	0.68%	
	<u>GWC-24R</u>	<u>Dup-3</u>	<u>RPD or Diff</u>	<u>RL</u>
TDS	159	156	1.9%	

Lab dups: p. 82 EB-1 RPD = NC GWC-25R RPD = 14 OK

 Matrix Spike recoveries and RPDs within limits (if applicable)
None for TDS

 EDD Data Verification vs. Hardcopy (10% samples for each SDG)
100% of the results in this SDG were checked



Data Evaluation Narrative

**Project: Plant Bowen CCR Event # 18 Groundwater Detection Monitoring/
Semiannual State Design and Operation Permit Monitoring**

Wood Project Number: 6122160287.2103.****

Site: Landfill Cells 9 & 10 - Plant Bowen, Georgia

Matrix: Groundwater

Pace SDG No: 92585555

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the CCR Event # 18 Groundwater Detection Monitoring Sampling Event and the Semiannual State Design and Operation (D&O) Permit sampling event conducted at Landfill Cells 9 & 10 at Plant Bowen, located in Cartersville, Georgia in January-February 2022. The samples were collected and analyzed per the protocols presented in the Plant Bowen *Field Sampling Plan* (FSP), Revision 1, Update 3 (Amec Foster Wheeler, 2017). The following sections provide summary discussions of the required data qualifications for the methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory's precision and accuracy limits, the method requirements, and any requirements listed in the FSP. It should be noted that at the time of this review, a finalized QAPP was not provided. DQE data qualifications were applied, if necessary, using the procedures in USEPA National Functional Guidelines for Inorganic Data Review (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit (MDL) is approximate and may be inaccurate or imprecise.
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.



Qualifier Unusable Data

- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
- UR The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The revised data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood, formerly Amec Foster Wheeler) is complete to perform a Level II DQE for United States Environmental Protection Agency (USEPA) Methods SW6010D, SW6020B, SW7470A, EPA 300.0, SM 2320B and SM 2540C.

Sample Integrity

The groundwater samples were submitted to Pace Analytical Services, Inc. (Pace) in Peachtree Corners, Georgia and analyzed for CCR Appendix III metals and State D&O Permit metals by Method 6010D and 6020B, mercury by Method SW7470A, anions (chloride, fluoride, and sulfate) by Method 300.0, alkalinity by Method SW 2320B and total dissolved solids (TDS) by Method SM 2540C.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following groundwater and quality control (QC) samples:

Sample ID	Sample Date	DQE Level	Sample ID	Sample Date	DQE Level
GWA-39RZ	02/02/22	II	GWC-47	02/01/22	II
GWA-39Z	01/31/22	II	GWC-47R	02/01/22	II
GWA-40	01/31/22	II	GWC-48	01/31/22	II
GWA-41	01/31/22	II	GWC-49R	02/01/22	II
GWA-41R	01/31/22	II	GWC-49Z	02/01/22	II
GWA-42	01/31/22	II	<u>QA/QC Samples:</u>		
GWA-43	01/31/22	II	EB-1	02/02/22	II
GWA-43R	01/31/22	II	FB-1	01/31/22	II
GWC-44	01/31/22	II	FB-2	02/01/22	II
GWC-45	02/01/22	II	FB-3	02/02/22	II
GWC-45R	02/01/22	II	DUP-1	01/31/22	II
GWC-46R	01/31/22	II	DUP-2	02/01/22	II

The samples reported in this SDG were collected from Landfill Cells 9&10 between January 31 through February 2, 2022. Sample DUP-1 is the field duplicate sample of GWA-41R and sample Dup-2 is the field

duplicate sample of GWC-45R. The equipment blank was collected on the equipment used to sample the locations at Landfill Cells 9&10, and one field blank was collected per day of sampling.

The analytical results for the metals, anions, alkalinity, and TDS data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Metals (SW6010D/SW6020B/SW7470A)

The samples were submitted to Pace for CCR Appendix III and State D&O Permit metals by Method SW6010D, SW6020B, and/or mercury by SW7470A. The CCR Appendix III metals are: boron (B) and calcium (Ca). The State D&O Permit metals are: antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), thallium (Tl), vanadium (V), and zinc (Zn). Each of the Level II components were within QC limits except for method and field blank contamination and MS/MSD recoveries.

Holding Times

The sample analyses were performed within the 6 month and 28-day (for mercury) analysis holding times.

Method Blanks

One of the method blanks associated with the samples analyzed within this SDG reported a detection of As between the method detection limit (MDL) and the reporting limit (RL). Results less than ten times the field blank are considered "not detected" as a possible laboratory artifact: **Reason Code: BL**.

Action: The As results for sample DUP-1 were qualified as not detected due to possible method blank contamination and flagged "U".*

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

MS/MSD analyses were performed for metals on samples GWA-40, GWA-39Z, and DUP-1 from this SDG, and the recoveries and RPDs were within QC limits with the exception of the MS and MSD recoveries of magnesium and calcium in sample GWA-40. **Reason Code: M-**

Action: No qualification was required because the parent sample results of calcium and magnesium were greater than 4x the spike amount of the MS/MSD analysis.

Field Duplicate Precision

Two field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. Equipment rinsate blanks are collected to monitor the decontamination process and field blanks are collected to assess the water used to decontaminate the equipment and the containers into which samples are placed. The equipment blank sample did not contain metals, and no results were considered possible field artifacts. One of the field blanks, FB-1, contained Sb between the MDL and the RL. FB-3 contained Cr between the MDL and RL. Results less than ten times the field blank are considered "not detected" as a possible field artifact: **Reason Code: BF**.

Action: The Cr results for sample GWA-39RZ and the Sb results for samples GWA-40 and GWA-41R were qualified as not detected due to possible field blank contamination and flagged "U".*

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of metals by USEPA Method SW6010D, SW6020B and 7470A. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier was retained by the data validator.

Total and Dissolved Metals Comparison

If total and dissolved metals samples were collected, comparison of the total and dissolved results can aid in the representativeness of the total metals value versus the metals that may be associated with suspended solids and metals actually dissolved within the water column. The dissolved metals results should be less than or equal to the total metals concentration for positive results greater than 5 times the RL. No dissolved samples were collected and reported in this SDG.

Anions (EPA 300)

The samples were submitted to Pace for anions (chloride, fluoride, and sulfate) by Method 300.0, and each of the Level II components were within QC limits except for MS/MSD recoveries.

Holding Times

The sample analyses were performed within the 28-day analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain anions indicating the analytical system was contaminant free during analysis.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

MS/MSD analyses were performed for anions on samples GWC-48 and GWC-45R, and the recoveries and RPDs were within QC limits with the exception of MS and MSD recoveries of chloride, fluoride, and sulfate in sample GWC-45R: **Reason Code: M+**.

Action: The chloride and sulfate results in sample GWC 45R and its field duplicate, DUP-2, were qualified as estimated and flagged "J". The fluoride results were not qualified because the exceedances were biased high, and the fluoride was not detected in the sample. High bias only affects positive results.

Field Duplicate Precision

Two field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank and field blanks associated with the samples of this SDG did not contain anions.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of anions by USEPA Method 300. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier was retained by the data validator.

Alkalinity (SM 2320B)

The samples were submitted to Pace for alkalinity (total alkalinity, bicarbonate alkalinity, and carbonate alkalinity) by Method SM 2320B. Each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain alkalinity.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

An MS/MSD analysis was performed on samples GWA-40, GWC-48, and GWC-47R and recoveries and RPDs were within QC limits.

Field Duplicate Precision

Three field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Laboratory Duplicate Precision

Laboratory duplicates were not analyzed for any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank and field blanks associated with the samples in this SDG did not contain alkalinity.

Reporting Limits

The laboratory RL was below the screening value of 500 mg/L for samples submitted for the analysis of alkalinity by Method SM 2320B and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier was retained by the data validator.

TDS (SM 2540C)

The samples were submitted to Pace for TDS by Method SM 2540C. Each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the 7-day analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain TDS.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Field Duplicate Precision

Two field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Laboratory Duplicate Precision

Laboratory duplicates were analyzed for TDS on samples GWC-44 and DUP-2, and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank and two of the field blanks associated with the samples in this SDG reported TDS; however, no qualification is applied for TDS in the field and equipment blanks.

Reporting Limits

The laboratory RL was below the screening value of 500 mg/L for samples submitted for the analysis of TDS by Method SM 2540C and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged “J” by the laboratory, however no TDS results were reported between the MDL and RL.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. Professional judgment was not used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 17 wells, along with the required QC samples, were sampled and analyzed during the August event in Landfill Cells 9&10 according to the FSP (Amec Foster Wheeler, 2017). Each of the 17 well locations were reported in this SDG and were sampled and analyzed as scoped.

Therefore, both field and analytical completeness calculated for this SDG was 100%.

References

Amec Foster Wheeler, 2017. *Field Sampling Plan – Plant Bowen*, Georgia Power Company, Earth Science and Environmental Engineering Technical Services, Southern Company Services, Inc. (SCS), Revision 1, Update 3, October 16, 2017.

USEPA, 2020. *EPA National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA-542-R-20-006, November 2020.

Prepared by/Date: JPM 03/07/22

Checked By/Date: JAH 03/17/22

Revised By/Date: JAH 04/11/22

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92585555
SAMPLING DATES: January 31, 2022 and February 1-2,2022
Plant Bowen Landfill Cells 9 & 10: Event # 18

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
FB-1	Field Blank	FB	92585555	SW6020B	antimony	0.0014	J	J	--	mg/L
FB-3	Field Blank	FB	92585555	SW6020B	chromium	0.0011	J	J	--	mg/L
GWA-39RZ	GWA-39RZ	N	92585555	SW6020B	chromium	0.0012	J	U*	BF	mg/L
GWA-39Z	GWA-39Z	N	92585555	SW6020B	arsenic	0.0021	J	J	--	mg/L
GWA-40	GWA-40	N	92585555	SW6020B	antimony	0.0014	J	J	--	mg/L
GWA-40	GWA-40	N	92585555	E300.0	chloride	0.71	J	J	--	mg/L
GWA-41	GWA-41	N	92585555	SW6010D	sodium	0.9	J	J	--	mg/L
GWA-41R	GWA-41R	N	92585555	SW6020B	antimony	0.0011	J	U*	BF	mg/L
GWA-41R	GWA-41R	N	92585555	SW6020B	boron	0.016	J	J	--	mg/L
GWA-41R	GWA-41R	N	92585555	SW6020B	copper	0.0028	J	J	--	mg/L
GWA-41R	GWA-41R	N	92585555	SW6020B	nickel	0.00091	J	J	--	mg/L
DUP-1	GWA-41R	FD	92585555	SW6020B	arsenic	0.0012	J B	J	BL	mg/L
DUP-1	GWA-41R	FD	92585555	SW6020B	boron	0.02	J	J	--	mg/L
DUP-1	GWA-41R	FD	92585555	SW6020B	copper	0.0028	J	J	--	mg/L
DUP-1	GWA-41R	FD	92585555	SW6020B	nickel	0.00095	J	J	--	mg/L
GWA-42	GWA-42	N	92585555	SW6020B	beryllium	0.00014	J	J	--	mg/L
GWA-42	GWA-42	N	92585555	SW6020B	cadmium	0.00018	J	J	--	mg/L
GWA-42	GWA-42	N	92585555	SW6020B	nickel	0.0011	J	J	--	mg/L
GWA-43	GWA-43	N	92585555	SW6020B	arsenic	0.0013	J	J	--	mg/L
GWA-43	GWA-43	N	92585555	SW6020B	copper	0.0014	J	J	--	mg/L
GWA-43	GWA-43	N	92585555	SW6020B	nickel	0.00077	J	J	--	mg/L
GWA-43R	GWA-43R	N	92585555	SW6020B	boron	0.011	J	J	--	mg/L
GWA-43R	GWA-43R	N	92585555	SW6020B	chromium	0.0011	J	J	--	mg/L
GWC-44	GWC-44	N	92585555	SW6020B	beryllium	0.000065	J	J	--	mg/L
GWC-44	GWC-44	N	92585555	SW6020B	boron	0.015	J	J	--	mg/L
GWC-44	GWC-44	N	92585555	SW6020B	cobalt	0.0017	J	J	--	mg/L
GWC-44	GWC-44	N	92585555	SW6020B	copper	0.00053	J	J	--	mg/L
GWC-44	GWC-44	N	92585555	SW6020B	selenium	0.0018	J	J	--	mg/L
GWC-45	GWC-45	N	92585555	SW6020B	antimony	0.002	J	J	--	mg/L
GWC-45	GWC-45	N	92585555	SW6020B	boron	0.019	J	J	--	mg/L
GWC-45	GWC-45	N	92585555	SW6020B	cobalt	0.0013	J	J	--	mg/L
GWC-45	GWC-45	N	92585555	SW6020B	nickel	0.0011	J	J	--	mg/L
GWC-45	GWC-45	N	92585555	SM2320B	alkalinity	2.7	J	J	--	mg/L
GWC-45	GWC-45	N	92585555	SM2320B	alkalinity, bicarbonate	2.7	J	J	--	mg/L
GWC-45	GWC-45	N	92585555	E300.0	chloride	0.79	J	J	--	mg/L
GWC-45R	GWC-45R	N	92585555	E300.0	chloride	4.3	M1	J	M+	mg/L
GWC-45R	GWC-45R	N	92585555	E300.0	sulfate	6.1	M1	J	M+	mg/L
GWC-45R	GWC-45R	N	92585555	SW6020B	boron	0.022	J	J	--	mg/L
DUP-2	GWC-45R	FD	92585555	E300.0	chloride	4.2		J	M+	mg/L
DUP-2	GWC-45R	FD	92585555	E300.0	sulfate	6.1		J	M+	mg/L
DUP-2	GWC-45R	FD	92585555	SW6020B	boron	0.013	J	J	--	mg/L
GWC-47	GWC-47	N	92585555	SW6020B	boron	0.011	J	J	--	mg/L
GWC-47	GWC-47	N	92585555	SW6020B	cadmium	0.00014	J	J	--	mg/L
GWC-47	GWC-47	N	92585555	SW6020B	chromium	0.0015	J	J	--	mg/L
GWC-47R	GWC-47R	N	92585555	SW6020B	antimony	0.0024	J	J	--	mg/L
GWC-47R	GWC-47R	N	92585555	SW6020B	boron	0.01	J	J	--	mg/L
GWC-47R	GWC-47R	N	92585555	SW6020B	chromium	0.0022	J	J	--	mg/L

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92585555
SAMPLING DATES: January 31, 2022 and February 1-2,2022
Plant Bowen Landfill Cells 9 & 10: Event # 18

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
GWC-48	GWC-48	N	92585555	SW6020B	beryllium	0.00036	J	J	--	mg/L
GWC-48	GWC-48	N	92585555	SW6020B	cadmium	0.0002	J	J	--	mg/L
GWC-48	GWC-48	N	92585555	SW6020B	chromium	0.002	J	J	--	mg/L
GWC-48	GWC-48	N	92585555	SW6020B	cobalt	0.0021	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	SW6010D	calcium	0.62	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	SW6020B	antimony	0.00097	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	SW6020B	barium	0.003	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	SW6020B	boron	0.0087	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	SW6020B	cobalt	0.00066	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	SW6020B	nickel	0.0014	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	SM2320B	alkalinity	3.4	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	SM2320B	alkalinity, bicarbonate	3.4	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	E300.0	chloride	0.93	J	J	--	mg/L
GWC-49Z	GWC-49Z	N	92585555	E300.0	sulfate	0.93	J	J	--	mg/L

Notes:

Laboratory Qualifiers:

B = Analyte was detected in the associated method blank.

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

M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Reason Codes:

BF = Field blank contamination. The result should be considered "not-detected".

BL = Laboratory blank contamination. The result should be considered "not-detected".

M+ = MS and MSD recoveries outside acceptance limits. The result may be biased high.

-- = No Reason Code assigned for values detected between the method detection limit (MDL) and the reporting limit (RL);estimated quantitation.

Validation Qualifiers:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only. The associated numerical value is the approximate concentration of the analyte in the sample.

U* = This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

Prepared by/Date: JPM 03/16/22

Checked by/Date: JAH 04/11/22

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2103.****

Method: Metals and Mercury by SW6010D/SW6020B/SW7470A

Laboratory and Lot: Pace SDG: 92585555

Reviewer/Date: J. McIntyre 03/02/22 **Senior Reviewer/Date:** J. Hartness 03/16/22

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			Case Narrative and COC Completeness Review OK
<input checked="" type="checkbox"/>			Sample Preservation and cooler temperature met (HNO₃ to pH<2) OK, 5.0°C
<input checked="" type="checkbox"/>			Holding times met (180 days; Hg = 28 days) Coll: 01/31/22-02/02/22 Prep: metals – 02/12/22, 02/14/22 Hg – 02/09/22 Anal: metals – 02/12/22, 02/14/22 Hg – 02/09/22
	<input checked="" type="checkbox"/>		QC Blanks Review <u>Method Blanks:</u> p. 56 MB 3548482 (6010) = ND p. 58 MB 3547662 (6020) - All ND p. 62 MB 3543220 (7470) Hg = ND p. 57 MB 3548893 (6010) = All ND p. 60 MB 3548415 (6020) – As 0.0018 J x 0 = 0.018 mg/L DUP-1 flagged U* p. 63 MB 3543231 (7470) Hg = ND <u>Field blanks</u> FB-1 As = 0.0014 J x10 = 0.014 mg/L Assoc. results < 10x flagged U* GWA-40, GWA-41R FB-2 = All ND FB-3 = Cr = 0.0011 J x10 = 0.011 mg/L Assoc. results < 10x flagged U* GWA-39RZ <u>Equipment blank:</u> EB-1 = All ND
<input checked="" type="checkbox"/>			Laboratory Control Sample (LCS) recovery within limits (Metals 70-130%, Hg = 80-120%) p. 56 LCS 3548483 (6010) – All %Rec OK p. 58 LCS 3547663 (6020) – All %Rec OK p. 62 LCS 3543221 (7470) Hg = 92% p. 57 LCS 3548894 (6010) – All %rec OK p. 60 LCS 3548416 (6020) – All %rec OK p. 63 LCS 3543232 (7470) Hg = 87%

Metals and Mercury by 6020B/7470A (cont.)

YES NO NA COMMENTS



Lab Duplicate - Field Duplicate precision goals met (20%)

**for results <RL, diff must be <RL*

	<u>GWC-41R</u>	<u>Dup-1</u>	<u>*Diff or RPD</u>	<u>RL</u>
Sb	0.0011 J	<0.00078 U	0.00032	0.003
As	<0.0011 U	0.0012 J B	0.0012	0.005
Ba	0.031	0.029	6.7%	
B	0.016 J	0.02 J	0.014	0.04
Cu	0.0028 J	0.0028 J	0	0.0050
Ni	0.00091 J	0.00095 J	0.00004	0.005
Ca	39.3	42.7	8.3%	
Mg	20.1	21.6	7.2%	
K	2.5	2.7	7.7%	

	<u>GWC-45R</u>	<u>Dup-2</u>	<u>*Diff or RPD</u>	<u>RL</u>
Ca	43.9	38.8	12.3%	NA
Mg	23.8	21.2	11.6%	
K	0.82	0.73	11.6%	
Na	1.5	1.3	14.3%	
Ba	0.026	0.026	0%	NA
B	0.022 J	0.013 J	0.009	0.04



Matrix Spike recoveries and RPDs within limits (75-125%, RPD 20)

p. 56 GWA-40 (6010) – Ca 1, -16% RPD = 1
Mg = 62, 52% RPD = 1 No flags; sample >4x
p. 57 Non-project sample of this SDG
p. 59 GWA-39Z – All %Recs and RPDs OK
p. 61 DUP-1 – All %Recs and RPDs OK
p. 62 GWA-39Z – 96, 95% RPD = 1
p. 63 Non-project sample of this SDG



Total metals vs dissolved metals within limits (RPD < 20% or diff. < RL)

No dissolved metals in this SDG



EDD Data Verification vs. Hardcopy (10% samples for each SDG)

100% of the results in this SDG were verified

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2103.****

Method: Anions (chloride, fluoride, sulfate) by EPA 300.0

Laboratory and Lot: Pace SDG: 92585555

Reviewer/Date: J. McIntyre 03/07/22 **Senior Reviewer/Date:** J. Hartness 03/17/22

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			Case Narrative and COC Completeness Review OK
<input checked="" type="checkbox"/>			Sample Preservation and cooler temperature met (Cool to 6°C) OK, 5.0°C
<input checked="" type="checkbox"/>			Holding times met (Cl, SO₄, F – 28 days) Coll: 01/31/22-02/02/22 Anal: 02/07/22, 2/11/22, 02/12/22
<input checked="" type="checkbox"/>			QC Blanks Review <u>Method Blanks:</u> p. 71 MB 3540061 = ND p. 72 MB 3545965 = ND p. 73 MB 3547238 = ND <u>Field blanks</u> FB-1 = All ND FB-2= All ND FB-3 = All ND <u>Equipment blank:</u> EB-1 = All ND
<input checked="" type="checkbox"/>			Laboratory Control Sample (LCS) recovery within limits (90-110%) p. 71 LCS 3540062- all ok p. 72 LCS 3545966 – all ok p. 73 LCS 3547239 – all ok
<input checked="" type="checkbox"/>			Lab Duplicate - Field Duplicate precision goals met (20%)

	<u>GWC-41R</u>	<u>Dup-1</u>	<u>*Diff or RPD</u>	<u>RL</u>
Cl	1.0	1.1	9.5%	
SO ₄	8.5	8.5	0%	
	<u>GWC-45R</u>	<u>Dup-2</u>	<u>*Diff or RPD</u>	<u>RL</u>
Cl	4.3	4.2	2.4%	
SO ₄	6.1	6.1	0%	

Anions (chloride, fluoride, sulfate) by EPA 300.0 (cont.)

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
	<input checked="" type="checkbox"/>		<p>Matrix Spike recoveries and RPDs within limits (lab %Rec limits, RPD = 20) p. 71 GWC-48 All %rec and RPDs OK p. 72 not samples from this SDG p. 73 GWC-45R Cl = 112, 112% RPD = 0, F = 110, 111% RPD = 1, SO₄ = 113, 113% RPD = 0 Sample results flagged J for Cl and SO₄, no flags for F because sample was ND. Also flagged field dup sample DUP-2.</p>
	<input checked="" type="checkbox"/>		<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) 100% of the results in this SDG were verified</p>

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2103.****

Method: TDS by SM 2540C

Laboratory and Lot: Pace SDG: 92585555

Reviewer/Date: J. McIntyre 03/7/22 **Senior Reviewer/Date:** J. Hartness 03/17/22

YES NO NA COMMENTS

 Case Narrative and COC Completeness Review
OK

 Sample Preservation and cooler temperature met (Cool to 6°C)
OK, 5.0°C

 Holding times met (7 days)
Coll: 01/31/22-02/02/22
Anal: 02/03/22, 02/07/22, 02/08/22

 QC Blanks Review
Method Blanks:
p. 64 MB 3537021 TDS = ND p. 65 MB 3540515 TDS = ND
p. 66 MB 3540519 TDS = ND p. 67 MB 3541419 TDS = ND

Equipment blanks: Field blanks
EB-1 = ND FB-1 through FB-3 = All ND

 Laboratory Control Sample (LCS) recovery within lab limits
p. 64 LCS 3537022 TDS = 94% p. 65 LCS 3540516 TDS = 94%
p. 66 LCS 3540520 TDS = 94% p. 67 LCS 3541420 TDS = 98%

 Lab Duplicate - Field Duplicate precision goals met (20%)

	<u>GWC-41R</u>	<u>Dup-1</u>	<u>*Diff or RPD</u>	<u>RL</u>
TDS	184	180	2.2%	

	<u>GWC-45R</u>	<u>Dup-2</u>	<u>*Diff or RPD</u>	<u>RL</u>
TDS	201	180	1.1%	

p. 64 Lab Dup: GWC-44 RPD = 2 p. 66 Lab dup: DUP-2 RPD = 1

 Matrix Spike recoveries and RPDs within limits (if applicable)
None for TDS

 EDD Data Verification vs. Hardcopy (10% samples for each SDG)
100% of the results in this SDG were verified

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2303.****

Method: Alkalinity by SM 2320B

Laboratory and Lot: Pace SDG: 92585555

Reviewer/Date: J. McIntyre 03/07/22 **Senior Reviewer/Date:** J. Hartness 03/17/22

YES NO NA COMMENTS

- Case Narrative and COC Completeness Review**
 OK
- Sample Preservation and cooler temperature met (Cool to 6°C)**
 OK, 5.0°C
- Holding times met (7 days)**
 Coll: 01/31/22-02/02/22
 Anal: 02/08/22, 02/09/22
- QC Blanks Review**
Method Blanks:
 p. 68 MB 4239372 Alk = ND
 p. 69 MB 4240244 Alk = ND
 p. 70 MB 4240572 Alk = ND

<u>Equipment blanks:</u>	<u>Field blanks</u>
EB-1 = ND	FB-1 through FB-3 = All ND
- Laboratory Control Sample (LCS) recovery within lab limits**
 p. 68 LCS/LCSD 4239373/ 4239374 Alk = 104, 103% RPD = 1
 p. 69 LCS/LCSD 4240245/ 4240246 Alk = 105, 105% RPD = 0
 p. 70 LCS/LCSD 4240573/ 4240574 Alk = 105, 105% RPD = 0
- Lab Duplicate - Field Duplicate precision goals met (20%)**

	<u>GWC-41R</u>	<u>Dup-1</u>	<u>*Diff or RPD</u>	<u>RL</u>
Alkalinity	185	188	1.6%	

	<u>GWC-45R</u>	<u>Dup-2</u>	<u>*Diff or RPD</u>	<u>RL</u>
Alkalinity	188	190	11.0%	
- Matrix Spike recoveries and RPDs within limits (if applicable)**
 p. 68 GWA-40 All %rec and RPDs OK
 p. 69 GWC-48 All %rec and RPDs OK
 p. 70 GWC-47R All %rec and RPDs OK
- EDD Data Verification vs. Hardcopy (10% samples for each SDG)**
100% of the results in this SDG were checked

Data Evaluation Narrative

**Project: Plant Bowen CCR Event # 18 Groundwater Detection Monitoring/
Semiannual State Design and Operation Permit Monitoring**

Wood Project Number: 6122160287.2103.****

Site: Landfill Cells 1&2 - Plant Bowen, Georgia

Matrix: Groundwater

Pace SDG Nos: 92586436

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the CCR Event # 18 Groundwater Detection Monitoring Sampling and the Semiannual State Design and Operation (D&O) Permit sampling event conducted at Landfill Cells 1 & 2 at Plant Bowen, located in Cartersville, Georgia in February 2022 for Southern Company Services (SCS). The samples were collected and analyzed per the protocols presented in the Plant Bowen *Field Sampling Plan* (FSP), Revision 1, Update 3 (Amec Foster Wheeler, 2017). The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory’s precision and accuracy limits, the method requirements, and any requirements listed in the FSP. It should be noted that at the time of this review, a finalized QAPP was not provided. DQE data qualifications were applied, if necessary, using the procedures in USEPA National Functional Guidelines for Inorganic Data Review (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the “U” flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered “not-detected” because it was detected in an associated blank at a similar level.

<u>Qualifier</u>	<u>Unusable Data</u>
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood) is complete to perform a Level II DQE for United States Environmental Protection Agency (USEPA) Methods SW6010D, SW6020B, SW7470A, EPA 300.0, SM 2320B, and SM 2540C.

Sample Integrity

The groundwater samples were submitted to Pace Analytical Services, Inc. (Pace) in Peachtree Corners, Georgia and analyzed for CCR Appendix III metals and State D&O Permit metals by Methods SW6010D, SW6020B, and mercury by Method SW7470A, anions (chloride, fluoride, and sulfate) by Method 300.0, alkalinity by SM2320B, and total dissolved solids (TDS) by Method SM 2540C.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following groundwater and/or quality control (QC) samples:

Sample ID	Sample Date	DQE Level	Sample ID	Sample Date	DQE Level
GWA-1	02/01/22	II	GWC-11R	02/04/22	II
GWA-2	02/01/22	II	GWC-12	02/02/22	II
GWA-2R	02/01/22	II	GWC-13	02/17/22	II
GWA-3A	02/02/22	II	GWC-13RZ	02/04/22	II
GWA-4RZ	02/03/22	II	GWC-14Z	02/04/22	II
GWA-50	02/01/22	II	GWC-15R	02/04/22	II
GWA-50R	02/02/22	II	GWC-15Z	02/07/22	II
GWC-5	02/02/22	II	<u>QC Samples</u>		
GWC-6	02/02/22	II	FB-1	02/01/22	II
GWC-6RZ	02/02/22	II	FB-2	02/02/22	II
GWC-7Z	02/02/22	II	FB-3	02/03/22	II
GWC-8RR	02/02/22	II	FB-4	02/04/22	II
GWC-8Z	02/02/22	II	FB-5	02/07/22	II
GWC-9	02/02/22	II	FB-6	02/17/22	II
GWC-10	02/04/22	II	DUP-1	02/01/22	II
GWC-10R	02/04/22	II	DUP-2	02/02/22	II
GWC-11	02/04/22	II	DUP-3	02/04/22	II

These samples were collected from Landfill Cells 1&2 between February 1-4, 7 and 17, 2022. Sample DUP-1 is a field duplicate of sample GWA-2R, DUP-2 is a field duplicate of sample GWC-9, and DUP-3 is a field duplicate of sample GWC-11R. Samples FB-1 through FB-6 are field blanks. No equipment blanks are required for Landfill Cells 1&2 because each of the wells sampled have dedicated systems.

The analytical results for the metals, anions, and TDS data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Metals (SW6010D/6020B/SW7470A)

The samples were submitted to Pace for CCR Appendix III and State D&O Permit metals by Method SW6010D, SW6020B and/or mercury by SW7470A. The CCR Appendix III metals are: boron (B) and calcium (Ca). The State D&O Permit metals are: antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), thallium (Tl), vanadium (V), and zinc (Zn). Each of the Level II components were within QC limits except for method and field blank contamination, and MS/MSD recoveries.

Holding Times

The sample analyses were performed within the 6-month and 28-day (for mercury) analysis holding times.

Method Blanks

One of the method blanks associated with the samples analyzed in this SDG contained a reportable concentration of arsenic between the method detection and reporting limits. Results less than ten times the field blank are considered "not detected" as a possible laboratory artifact. **Reason Code: BL:**

Action: The arsenic results for samples FB-4, FB-5, GWC-10, GWC-10R, GWC-11, GWC-11R, DUP-3, GWC-13RZ, GWC-14Z, GWC-15R, and GWC-15Z were qualified as not detected and flagged "U".*

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Batch MS/MSD analyses for metals were performed on samples GWA-2, GWA-4RZ, GWA-2R, GWC-10, and FB-5. The recoveries and RPDs were within QC limits except for calcium in samples GWA-2 and calcium and magnesium in sample GWA-4RZ. **Reason Code: M+**

Action: No qualification was necessary for calcium and magnesium because the parent sample results were greater than 4 times the spike amount.

Post Digestion Spike (PDS)

A PDS analysis was not available for review.

Field Duplicate Precision

Three field duplicate sample pairs were collected with this SDG, and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was measured through the collection of field blanks. Field blanks are collected to assess the water used to decontaminate the equipment and the containers into which samples are placed. No equipment blanks are required for LF Cells 1&2 because each of the wells sampled have dedicated systems. Two of the field blanks (FB-4 and FB-5) reported arsenic between the MDL and the RL. Results less than ten times the field blank are considered "not detected" as a possible field artifact. **Reason Code: BF:**

Action: No qualification was applied because the field blanks were qualified due to method blank contamination.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of metals by USEPA Methods SW6010D, SW6020B and SW7470A.

Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier is maintained by the data validator.

Total and Dissolved Metals Comparison

If total and dissolved metals samples were collected, comparison of the total and dissolved results can aid in the representativeness of the total metals value versus the metals that may be associated with suspended solids and metals actually dissolved within the water column. The dissolved metals results should be less than or equal to the total metals concentration for positive results greater than 5 times the RL. No dissolved samples were collected and reported in this SDG.

Anions (EPA 300.0)

The samples were submitted to Pace for anions (chloride, fluoride, and sulfate) by Method 300.0. Each of the Level II components were within the QC limits except for MS/MSD recoveries.

Holding Times

The sample analyses were performed within the 28-day analysis holding time.

Method Blanks

The method blank associated with the samples analyzed in this SDG contained no reportable detections of anions.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

The batch MS/MSD for anions was performed on samples GWA-1, GWC-7Z, and GWC-11. The recoveries and RPDs were within QC limits except for low recoveries for chloride, fluoride, and sulfate in samples GWA-1 and GWC-7Z. **Reason Code: M+**

Action: The chloride and sulfate results for sample GWA-1 and GWC-7Z were qualified as estimated with an approximate reporting limit and flagged "J". No qualification was required for fluoride because fluoride was not detected in the sample; high bias only affects positive results.

Field Duplicate Precision

Three field duplicate sample pairs were collected with this SDG, and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was measured through the collection of field blanks. The field blanks did not contain positive results for anions.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of anions by USEPA Method 300. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier is maintained by the data validator.

Alkalinity (SM 2320B)

The samples were submitted to Pace for alkalinity (total alkalinity, bicarbonate alkalinity, and carbonate alkalinity) by Method SM 2320B. Each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain alkalinity.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

An MS/MSD analysis was performed on samples GWC-8Z and recoveries and RPDs were within QC limits.

Field Duplicate Precision

Three field duplicate pairs were submitted with this SDG and the RPDs were within QC limits.

Laboratory Duplicate Precision

Laboratory duplicates were not analyzed for any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The field blanks associated with the samples in this SDG did not contain alkalinity.

Reporting Limits

The laboratory RL was met for samples submitted for the analysis of alkalinity by Method SM 2320B and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier was retained by the data validator.

TDS (SM 2540C)

The samples were submitted to Pace for TDS by Method SM 2540C. Each of the Level II components were within the QC limits except for field duplicate precision.

Holding Times

The sample analyses were performed within the 7-day analysis holding times.

Method Blanks

The analytical method does not require the analysis of a method blank.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Field Duplicate Precision

Three field duplicate pairs were submitted with this SDG and one duplicate pair (GWC-9/DUP-2) was outside of the QC limits for TDS.

Action: The field duplicate pair (GWC-9/DUP-2) was qualified and flagged "J".

Laboratory Duplicate Precision

Laboratory duplicates were analyzed on project samples GWC-8RR and GWC-15R and the RPDs were within QC limits.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was measured through the collection of field blanks. One of the field blanks (FB-3) reported TDS above the RL. Results less than five times the field blank are considered “not detected” as a possible field artifact. **Reason Code: BF:**

Action: No qualification was applied because the associated samples were greater than five times the blank result.

Reporting Limits

The laboratory RL was below the screening value of 500 mg/L for samples submitted for the analysis of TDS by Method SM 2540C. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates, however no TDS results were reported between the MDL and RL.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. No professional judgment was used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of 24 wells, along with the required QC samples, were sampled and analyzed during the February 2022 event in Landfill Cells 1&2 according to the FSP (Amec Foster Wheeler, 2017). The 24 well locations along with field blank samples were reported in this SDG and were sampled and analyzed as scoped.

The field and analytical completeness were 100%. Therefore, the overall completeness was acceptable.

References

Amec Foster Wheeler, 2017. *Field Sampling Plan – Plant Bowen*, Georgia Power Company, Earth Science and Environmental Engineering Technical Services, Southern Company Services, Inc. (SCS), Revision 1, Update 3, October 16, 2017.

USEPA, 2020. *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA-542-R-20-006, November 2020.

Prepared by/Date: JPM 3/22/22
Checked by/Date: JAH 03/23/22

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92586436
SAMPLING DATES: February 1-4, 7, and 17, 2022
Plant Bowen Landfill Cells 1 & 2: Event 18

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
FB-3	Field Blank	Field Blank	FB	SM2540C	total dissolved solids	12				mg/L
FB-4	Field Blank	Field Blank	FB	6020B	arsenic	0.0019	J	U*	BL	mg/L
FB-5	Field Blank	Field Blank	FB	6020B	arsenic	0.0018	J	U*	BL	mg/L
DUP-1	GWA-2R	FD	92586436	300.0	chloride	0.77	J	J	--	mg/L
DUP-1	GWA-2R	FD	92586436	6020B	arsenic	0.0037	J	J	--	mg/L
DUP-1	GWA-2R	FD	92586436	6020B	cobalt	0.0009	J	J	--	mg/L
DUP-1	GWA-2R	FD	92586436	6020B	copper	0.00078	J	J	--	mg/L
DUP-2	GWC-9	FD	92586436	2320B	alkalinity (bicarbonate)	2.6	J	J	--	mg/L
DUP-2	GWC-9	FD	92586436	2320B	alkalinity (total)	2.6	J	J	--	mg/L
DUP-2	GWC-9	FD	92586436	2540C	total dissolved solids	27		J	FD	mg/L
DUP-2	GWC-9	FD	92586436	6020B	beryllium	0.0002	J	J	--	mg/L
DUP-2	GWC-9	FD	92586436	6020B	cobalt	0.00042	J	J	--	mg/L
DUP-2	GWC-9	FD	92586436	6020B	nickel	0.0011	J	J	--	mg/L
DUP-3	GWC-11R	FD	92586436	6010D	sodium	0.95	J	J	--	mg/L
DUP-3	GWC-11R	FD	92586436	6020B	antimony	0.00094	J	J	--	mg/L
DUP-3	GWC-11R	FD	92586436	6020B	arsenic	0.0035	J B	U*	BL	mg/L
DUP-3	GWC-11R	FD	92586436	7470A	chromium	0.0041	J	J	--	mg/L
GWA-1	GWA-1	N	92586436	300.0	chloride	1.2	M1	J	M+	mg/L
GWA-1	GWA-1	N	92586436	300.0	sulfate	0.93	J M1	J	M+	mg/L
GWA-1	GWA-1	N	92586436	6020B	antimony	0.0028	J	J	--	mg/L
GWA-2	GWA-2R	N	92586436	6020B	arsenic	0.0019	J	J	--	mg/L
GWA-2R	GWA-2R	N	92586436	300.0	chloride	0.77	J	J	--	mg/L
GWA-2R	GWA-2R	N	92586436	6020B	antimony	0.0029	J	J	--	mg/L
GWA-2R	GWA-2R	N	92586436	6020B	cobalt	0.00093	J	J	--	mg/L
GWA-2R	GWA-2R	N	92586436	6020B	copper	0.00096	J	J	--	mg/L
GWA-4RZ	GWA-4RZ	N	92586436	6020B	arsenic	0.0034	J	J	--	mg/L
GWA-50	GWA-50	N	92586436	300.0	chloride	0.91	J	J	--	mg/L
GWA-50	GWA-50	N	92586436	2320B	alkalinity (bicarbonate)	4.7	J	J	--	mg/L
GWA-50	GWA-50	N	92586436	2320B	alkalinity (total)	4.7	J	J	--	mg/L
GWA-50	GWA-50	N	92586436	6020B	antimony	0.0015	J	J	--	mg/L
GWA-50	GWA-50	N	92586436	6020B	copper	0.0017	J	J	--	mg/L
GWA-50	GWA-50	N	92586436	6020B	nickel	0.0008	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	300.0	chloride	0.7	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	300.0	sulfate	0.53	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	2320B	alkalinity (bicarbonate)	2.9	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	2320B	alkalinity (total)	2.9	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	6010D	calcium	0.93	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	6010D	sodium	0.94	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	6020B	beryllium	0.000055	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	6020B	copper	0.0033	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	6020B	nickel	0.00089	J	J	--	mg/L
GWA-50R	GWA-50R	N	92586436	6020B	silver	0.0012	J	J	--	mg/L

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92586436
SAMPLING DATES: February 1-4, 7, and 17, 2022
Plant Bowen Landfill Cells 1 & 2: Event 18

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
GWC-10	GWC-10	N	92586436	6020B	arsenic	0.0023	J B	U*	BL	mg/L
GWC-10	GWC-10	N	92586436	6020B	beryllium	0.00021	J	J	--	mg/L
GWC-10	GWC-10	N	92586436	6020B	cobalt	0.0018	J	J	--	mg/L
GWC-10	GWC-10	N	92586436	6020B	nickel	0.0014	J	J	--	mg/L
GWC-10R	GWC-10R	N	92586436	6020B	antimony	0.0016	J	J	--	mg/L
GWC-10R	GWC-10R	N	92586436	6020B	arsenic	0.0019	J B	U*	BL	mg/L
GWC-11	GWC-11	N	92586436	6020B	arsenic	0.0023	J B	U*	BL	mg/L
GWC-11R	GWC-11R	N	92586436	6010D	sodium	0.96	J	J	--	mg/L
GWC-11R	GWC-11R	N	92586436	6020B	arsenic	0.0035	J B	U*	BL	mg/L
GWC-11R	GWC-11R	N	92586436	6020B	chromium	0.0042	J	J	--	mg/L
GWC-12	GWC-12	N	92586436	300.0	chloride	0.79	J	J	--	mg/L
GWC-12	GWC-12	N	92586436	6010D	zinc	0.019	J	J	--	mg/L
GWC-12	GWC-12	N	92586436	6020B	arsenic	0.0027	J	J	--	mg/L
GWC-12	GWC-12	N	92586436	6020B	cobalt	0.0034	J	J	--	mg/L
GWC-12	GWC-12	N	92586436	6020B	nickel	0.0025	J	J	--	mg/L
GWC-13	GWC-13	N	92586436	6020B	beryllium	0.000089	J	J	--	mg/L
GWC-13	GWC-13	N	92586436	6020B	boron	0.015	J	J	--	mg/L
GWC-13RZ	GWC-13RZ	N	92586436	6020B	arsenic	0.0035	J B	U*	BL	mg/L
GWC-13RZ	GWC-13RZ	N	92586436	6020B	boron	0.017	J	J	--	mg/L
GWC-14Z	GWC-14Z	N	92586436	6020B	arsenic	0.0019	J B	U*	BL	mg/L
GWC-14Z	GWC-14Z	N	92586436	6020B	beryllium	0.00011	J	J	--	mg/L
GWC-15R	GWC-15R	N	92586436	6020B	arsenic	0.0026	J B	U*	BL	mg/L
GWC-15R	GWC-15R	N	92586436	6020B	nickel	0.00093	J	J	--	mg/L
GWC-15Z	GWC-15Z	N	92586436	300.0	chloride	0.6	J	J	--	mg/L
GWC-15Z	GWC-15Z	N	92586436	300.0	sulfate	0.64	J	J	--	mg/L
GWC-15Z	GWC-15Z	N	92586436	6020B	arsenic	0.0025	J B	U*	BL	mg/L
GWC-15Z	GWC-15Z	N	92586436	6020B	cadmium	0.0011	J	J	--	mg/L
GWC-5	GWC-5	N	92586436	300.0	chloride	0.66	J	J	--	mg/L
GWC-6	GWC-6	N	92586436	6020B	chromium	0.0026	J	J	--	mg/L
GWC-6RZ	GWC-6RZ	N	92586436	6020B	antimony	0.0012	J	J	--	mg/L
GWC-6RZ	GWC-6RZ	N	92586436	6020B	beryllium	0.00007	J	J	--	mg/L
GWC-6RZ	GWC-6RZ	N	92586436	6020B	chromium	0.0024	J	J	--	mg/L
GWC-7Z	GWC-7Z	N	92586436	300.0	chloride	0.76	J M1	J	M+	mg/L
GWC-7Z	GWC-7Z	N	92586436	300.00000	sulfate	1.3	M1	J	M+	mg/L
GWC-7Z	GWC-7Z	N	92586436	6020B	antimony	0.00093	J	J	--	mg/L
GWC-7Z	GWC-7Z	N	92586436	6020B	arsenic	0.002	J	J	--	mg/L
GWC-7Z	GWC-7Z	N	92586436	6020B	cobalt	0.00042	J	J	--	mg/L
GWC-8RR	GWC-8RR	N	92586436	300.0	chloride	0.77	J	J	--	mg/L
GWC-8RR	GWC-8RR	N	92586436	300.0	sulfate	0.72	J	J	--	mg/L
GWC-8RR	GWC-8RR	N	92586436	6010D	sodium	0.81	J	J	--	mg/L
GWC-8RR	GWC-8RR	N	92586436	6020b	antimony	0.0015	J	J	--	mg/L
GWC-8RR	GWC-8RR	N	92586436	6020B	arsenic	0.0013	J	J	--	mg/L

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92586436
SAMPLING DATES: February 1-4, 7, and 17, 2022
Plant Bowen Landfill Cells 1 & 2: Event 18

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
GWC-8RR	GWC-8RR	N	92586436	6020B	chromium	0.0015	J	J	--	mg/L
GWC-8Z	GWC-8Z	N	92586436	300.0	sulfate	0.72	J	J	--	mg/L
GWC-8Z	GWC-8Z	N	92586436	6020B	arsenic	0.0011	J	J	--	mg/L
GWC-8Z	GWC-8Z	N	92586436	6020B	beryllium	0.000064	J	J	--	mg/L
GWC-8Z	GWC-8Z	N	92586436	6020B	chromium	0.0021	J	J	--	mg/L
GWC-9	GWC-9	N	92586436	2320B	alkalinity (bicarbonate)	2.5	J	J	--	mg/L
GWC-9	GWC-9	N	92586436	2320B	alkalinity (total)	2.5	J	J	--	mg/L
GWC-9	GWC-9	N	92586436	2540C	total dissolved solids	21		J	FD	mg/L
GWC-9	GWC-9	N	92586436	6020B	arsenic	0.0013	J	J	--	mg/L
GWC-9	GWC-9	N	92586436	6020B	beryllium	0.00018	J	J	--	mg/L
GWC-9	GWC-9	N	92586436	6020B	cobalt	0.00043	J	J	--	mg/L
GWC-9	GWC-9	N	92586436	6020B	nickel	0.0011	J	J	--	mg/L

Laboratory Qualifiers:

B = Analyte detected in the associated method blank.
 J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
 M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on LCS recovery

Reason Codes:

BL = Laboratory blank contamination. The result should be considered "not-detected".
 FD = Field duplicate precision.
 M+ = MS and MSD recoveries outside acceptance limits. The result may be biased high.
 -- = No Reason Code assigned for values detected between the method detection limit (MDL) and the reporting limit (RL);estimated quantitation.

Validation Qualifiers:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only. The associated numerical value is the approximate concentration of
 U* = This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

Prepared by/Date: JPM 03/22/22

Checked by/Date: JAH 03/23/22

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2103 ****

Method: Metals and Mercury by SW6010D/SW6020B/SW7470

Laboratory and Lot: Pace SDG: 92586436

Reviewer/Date: J. McIntyre 03/16/22 **Senior Reviewer/Date:** J. Hartness 03/23/22

YES	NO	NA	COMMENTS
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review OK</p>
<input checked="" type="checkbox"/>			<p>Sample Preservation and cooler temperature met (HNO₃ to pH<2) OK, 5.7, 1.3, 3.3°C</p>
<input checked="" type="checkbox"/>			<p>Holding times met (180 days; Hg = 28 days) Coll: 02/2/22-02/04/22, 02/07/22, 02/17/22 Prep: metals 6010 – 02/18/22, 02/25/22 6020 – 02/18/22, 02/25/22 Hg – 02/15/22, 02/16/22, 02/28/22 Anal: metals: 6010 – 02/18/22, 03/01/22 6020 – 02/18/22, 02/25/22 Hg – 02/16/22, 02/28/22</p>
<input checked="" type="checkbox"/>			<p>QC Blanks Review <u>Method Blanks:</u> p. 78 MB 3553757 6010 = ND p. 79 MB 3553950 6010 = ND p. 80 MB 3562225 6010 = ND p. 81 MB 3553776 6020 = ND p. 83 MB 3553959 6020 As = 0.0019 J x10 = 0.019 mg/L Assoc. results flagged U*: Reason Code: BL: FB-4, FB-5, GWC-10, GWC-10R, GWC-11, GWC-11R, DUP-3, GWC-13RZ, GWC-14Z, GWC-15R, and GWC-15Z p. 85 MB 3562117 6020 = ND p. 87 MB 3550157 Hg = ND p. 88 MB 3550166 Hg = ND p. 89 MB 3550196 Hg = ND p. 90 MB 3564035 Hg = ND</p> <p><u>Field Blanks:</u> FB-1 through FB-3, FB-6 = All ND FB-4 As= 0.0019 J x10 = 0.019 mg/L Assoc. results flagged U*: Reason Code: BF Samples not flagged due to MB contamination. FB-5 As= 0.0018 J x10 = 0.018 mg/L Assoc. results flagged U*: Samples not flagged due to MB contamination.</p>

Metals and Mercury by SW6020B/SW7470 (cont.)

YES NO NA

COMMENTS

Laboratory Control Sample (LCS) recovery within limits

(Metals 70-130%, Hg = 80-120%)

p. 78 LCS 3553758 6010 – all ok
 p. 79 LCS 3553951 6010 – all ok
 p. 80 LCS 3562226 6010 – all ok
 p. 81 LCS 3553777 6020 – all ok
 p. 83 LCS 3553960 6020 – all ok
 p. 85 LCS 3562118 6020 – all ok
 p. 87 LCS 3550158 Hg = 92% p. 88 LCS 3550167 Hg = 93%
 p. 89 LCS 3550197 Hg = 86% p. 90 LCS 3564036 Hg = 100%

Lab Duplicate - Field Duplicate precision goals met (20%)

(Results in mg/L)

	RL	GWA-2R	DUP-1	*Diff/RPD	GWC-9	DUP-2	*Diff/RPD	GWC-11R	DUP-3	*Diff/RPD
Sb	0.003	0.0029J	0.0033	0.0004	ND	ND	-	ND	0.00094 J	-
As	0.005	0.0053	0.0037 J	0.0016	0.0013 J	ND	-	0.0035 JB	0.0035 JB	0
Ba	0.005	0.024	0.024	0%	0.044	0.045	2.4%	0.021	0.02	4.9%
Be	0.0005	ND	ND	-	0.00018J	0.00018J	0	ND	ND	-
B	0.04	ND	ND	-	ND	ND	-	ND	ND	-
Ca	1.0	34.1	33.8	0.9%	2.2	2.3	4.4%	34.8	33.7	3.2%
Cd	0.0005	ND	ND	-	ND	ND	-	ND	ND	-
Cr	0.005	ND	ND	-	ND	ND	-	0.0042 J	0.0041 J	0.0001
Co	0.005	0.00093 J	0.0009 J	0.00003	0.00043 J	0.00042 J	0.00001	ND	ND	0.0
Cu	0.005	0.00096 J	0.00078 J	0.00018	ND	ND	-	ND	ND	-
Pb	0.001	ND	ND	-	ND	ND	-	ND	ND	-
Mg	0.05	11.1	11	0.9%	1.2	1.2	0%	18.7	17.8	4.93
Ni	0.005	ND	ND	-	0.0011	0.0011	0	0.0019J	0.0019J	0.0
K	1.0	0.67	0.71	5.8%	0.92	0.97	5.3%	1.1	1.0	9.5
Se	0.005	ND	ND	-	ND	ND	-	ND	ND	-
Ag	0.005	ND	ND	-	ND	ND	-	ND	ND	-
Na	1.0	1.1	1.1	0%	1.2	1.2	0%	0.96 J	0.95 J	
Tl	0.001	ND	ND		ND	ND	-	ND	ND	-
V	0.01	ND	ND		ND	ND	-	ND	ND	-
Zn	0.02	ND	ND	-	ND	ND	-	ND	ND	-
Hg	0.002	ND	ND	-	ND	ND	-	ND	ND	-

**for results <RL, diff is <RL; OK*

Metals and Mercury by SW6020B/SW7470 (cont.)

YES

NO

NA

COMMENTS

Matrix Spike recoveries and RPDs within limits (75-125%, RPD 20)

p. 78 GWA-2 Ca = 137, 89% RPD = 1 *No flag, result > 4x spike and MSD and RPD OK*

p. 79 GWA-4RZ Ca = 179, 272% RPD = 2 *No flag, result > 4x spike*
Mg = 117, 185% RPD = 3% No flag, result > 4x spike

p. 80 not a sample from this SDG

p. 82 GWA-2R (6020B) %recs and RPDs ok

p. 84 GWC-10 (6020) %recs and RPDs ok

p. 86 not a sample from this SDG

p. 87 Hg not a sample from this SDG

p. 88 Hg not a sample from this SDG

p. 89 FB-5 Hg = 78, 93% RPD = 18

p. 90 Hg not a sample from this SDG

Total metals vs dissolved metals within limits (RPD < 20% or diff. < RL)

No dissolved metals in this SDG

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

10% of the results in this SDG were checked

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2103.****

Method: Anions (chloride, fluoride, sulfate) by EPA 300.0

Laboratory and Lot: Pace SDG: 92586436

Reviewer/Date: J. McIntyre 03/16/22 **Senior Reviewer/Date:** J. Hartness 03/23/22

YES NO NA COMMENTS

Case Narrative and COC Completeness Review
OK

Sample Preservation and cooler temperature met (Cool to 6°C)
OK, 5.7, 1.3, 3.3°C

Holding times met (Cl, SO₄, F – 28 days)
Coll: 02/2/22-02/04/22, 02/07/22, 02/17/22
Anal: 02/12/22, 02/14/22, 02/25/22

QC Blanks Review
Method Blanks:
p. 102 MB 3547238 = ND p. 103 MB 3547262 = ND
p. 104 MB 3548358 = ND p. 105 MB 3548365 = ND
p. 106 MB 3561036 = ND
Field Blanks:
FB-1 through FB-6 all ND

Laboratory Control Sample (LCS) recovery within limits (90-110%)
p.102 LCS 3547239 %rec OK p. 103 LCS 3547263 %rec OK p. 104 LCS 3548359 %rec OK
p. 105 LCS 3548366 %rec OK p. 106 LCS 3561037 % rec OK

Lab Duplicate - Field Duplicate precision goals met (20%) (Results in mg/L)

	GWA-2R	DUP-1	*Diff/RPD	GWC-9	DUP-2	*Diff/RPD	GWC-11R	DUP-3	*Diff/RPD
Cl ⁻	0.77 J	0.77 J	0%	2.1	2.1	0%	1.4	1.3	7.5%
F ⁻	ND	ND	-	ND	ND	-	ND	ND	-
SO ₄	1.5	1.5	0%	2.5	2.5	0%	1.5	1.5	0%

Matrix Spike recoveries and RPDs within limits (lab %Rec limits, RPD = 20)
p. 102 MS/MSD GWA-1: Cl (112, 113% RPD = 0), FI (110, 111% RPD = 1) and SO₄ (113, 114% RPD – 1) No flags on FI; MS & RPD in limits, Cl and SO₄ *Flagged J*
Reason Code: M+
p. 103 GWC-7Z Cl (112, 113% RPD = 0), FI (111, 111% RPD = 0) and SO₄ (113, 114% RPD – 0) No flags on F, assoc. results ND **Assoc. Cl and SO₄ result flagged "J": Reason Code: M+**
p. 104 not samples from this SDG p. 105 GWC-11 – %rec and RPD ok
p. 106 not samples of this SDG

EDD Data Verification vs. Hardcopy (10% samples for each SDG)
10% of the results in this SDG were checked

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2103.****

Method: TDS by SM 2540C

Laboratory and Lot: Pace SDG: 92586436

Reviewer/Date: J. McIntyre 03/16/22 **Senior Reviewer/Date:** J. Hartness 03/23/22

YES NO NA COMMENTS

- Case Narrative and COC Completeness Review**
OK
- Sample Preservation and cooler temperature met (Cool to 6°C)**
OK, 5.7, 1.3, 3.3°C
- Holding times met (7 days)**
Coll: 02/2/22-02/04/22, 02/07/22, 02/17/22
Anal: 02/07/22-02/09/22, 02/11/22, 02/23/22
- QC Blanks Review**
Method Blanks:
p. 91 MB 3540519 TDS = ND p. 92 MB 3541419 TDS = ND
p. 93 MB 3542886 TDS = ND p. 94 MB 3544553 TDS = ND
p. 95 MB 3544560 TDS = ND p. 96 MB 3559080 TDS = ND
Field Blanks:
FB-1, FB-2, FB-4 through FB-6 all ND
FB-3 = TDS = 12 x 5 = 60 mg/L *No flags applied: assoc. samples >5x blank result.*
- Laboratory Control Sample (LCS) recovery within lab limits**
p. 91 LCS 3540520 TDS = 94% p. 92 LCS 3541420 TDS = 98%
p. 92 LCS 3542887 TDS = 94% p. 93 LCS 3544554 TDS = 96%
p. 95 LCS 3544561 TDS = 95% p. 96 LCS 3559081 RDS = 88%
- Lab Duplicate - Field Duplicate precision goals met (20%)**

	GWA-2R	DUP-1	*Diff/RPD	GWC-9	DUP-2	*Diff/RPD	GWC-11R	DUP-3	*Diff/RPD
TDS	114	118	3.4%	21	27	25%	157	162	3.1%

Duplicate GWC-9/Dup-2 **Flagged J**

Lab Dups:

- p. 91 not project samples of this SDG p. 92 GWC-8RR RPD = 1%
- p. 93 not project samples of this SDG p. 94 not project samples of this SDG
- p. 95 GWC-15R RPD = 4% p. 96 not project samples of this SDG

- Matrix Spike recoveries and RPDs within limits (if applicable)**
No MS/MSD for TDS

- EDD Data Verification vs. Hardcopy (10% samples for each SDG)**
10% of the results in this SDG were checked

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen CCR Event 18 – Semiannual State D&O Permit Event

Project No: 6122160287.2303.****

Method: Alkalinity by SM 2320B

Laboratory and Lot: Pace SDG: 92586436

Reviewer/Date: J. McIntyre 03/07/22 **Senior Reviewer/Date:** J. Hartness 03/23/22

YES NO NA COMMENTS

- Case Narrative and COC Completeness Review**
 OK
- Sample Preservation and cooler temperature met (Cool to 6°C)**
 OK, 5.7, 1.3, 3.3°C
- Holding times met (7 days)**
 Coll: 02/2/22-02/04/22, 02/07/22, 02/17/22
 Anal: 02/10/22, 02/15/22, 02/25/22
- QC Blanks Review**
Method Blanks:
 p. 97 MB 4240829 Alk = ND
 p. 98 MB 4241914 Alk = ND
 p. 99 MB 4241924 Alk = ND
 p. 100 MB 4244463 Alk = ND
 p. 101 MB 4252517 Alk = ND

Field blanks
 FB-1 through FB-6 = All ND
- Laboratory Control Sample (LCS) recovery within lab limits**
 p. 97 LCS/LCSD 4240830 / 4240831 Alk = 101, 100% RPD = 1
 p. 98 LCS/LCSD 4241915 / 4241916 Alk = 105, 105% RPD = 1
 p. 99 LCS/LCSD 4241925 / 4241926 Alk = 106, 106% RPD = 1
 p. 100 LCS/LCSD 4244464 / 4244465 Alk = 100, 102% RPD = 1
 p. 101 LCS/LCSD 4252518 / 4252519 Alk = 105, 106% RPD = 1
- Lab Duplicate - Field Duplicate precision goals met (20%)**

	GWA-2R	DUP-1	*Diff/RPD	GWC-9	DUP-2	*Diff/RPD	GWC-11R	DUP-3	*Diff/RPD
Alk	122	120	1.7%	2.5 J	2.6	0.1/5	147	148	0.7%
- Matrix Spike recoveries and RPDs within limits (if applicable)**
 p. 97 non-project samples of this SDG
 p. 98 GWC-8Z: 98, 99% RPD = 0 - All %rec and RPDs OK
 p. 99-101 non-project samples of this SDG
- EDD Data Verification vs. Hardcopy (10% samples for each SDG)**
100% of the results in this SDG were checked



Data Evaluation Narrative

**Project: Plant Bowen Groundwater Detection Monitoring/
Semiannual State Design and Operation (D&O) Permit Monitoring**

Wood Project Number: 6122160287.2103.****

Site: Landfill Cells 3 & 4 - Plant Bowen, Georgia

Matrix: Groundwater

Pace SDG No: 92597519

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for a new monitoring well installed at Landfill Cells 3 & 4 at Plant Bowen, located in Cartersville, Georgia in April 2022. The samples were collected and analyzed per the protocols presented in the Plant Bowen *Field Sampling Plan* (FSP), Revision 1, Update 3 (Amec Foster Wheeler, 2017). The following sections provide summary discussions of the required data qualifications for the methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within these sample delivery groups (SDGs). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory's precision and accuracy limits, the method requirements, and any requirements listed in the FSP. It should be noted that at the time of this review, a finalized QAPP was not provided. DQE data qualifications were applied, if necessary, using the procedures in USEPA National Functional Guidelines for Inorganic Data Review (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

<u>Qualifier</u>	<u>Usable Data</u>
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. <i>SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.</i>
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. <i>Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).</i>
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

<u>Qualifier</u>	<u>Unusable Data</u>
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection; however, the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to Wood Environment & Infrastructure Solutions, Inc. (Wood, formerly Amec Foster Wheeler) is complete to perform a Level II DQE for United States Environmental Protection Agency (USEPA) Methods SW6010D, SW6020B, SW7470A, EPA 300.0, SM 2320B and SM 2540C. No separate laboratory case narrative was included, however issues affecting the quality of the data were noted in the 'Analyte Qualifiers' section of the report.

Sample Integrity

The groundwater samples were submitted to Pace Analytical Services, Inc. (Pace) in Peachtree Corners, Georgia and analyzed for CCR Appendix III metals, State D&O Permit metals, and major ions by Method 6010D and 6020B, mercury by Method SW7470A, anions (chloride, fluoride, and sulfate) by Method 300.0, alkalinity by Method SW 2320B and total dissolved solids (TDS) by Method SM 2540C.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following groundwater and quality control (QC) samples:

Sample ID	Sample Date	DQE Level	QA/QC Samples	Sample Date	DQE Level
GWA-36A	04/06/22	II	FB-1	04/06/22	II

The samples reported in this SDG were collected from the new Landfill Cells 3&4 monitoring well on April 6, 2022. Sample FB-1 is the associated field blank. The analytical results for the metals, anions, alkalinity, and TDS data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Metals (SW6010D/SW6020B/SW7470A)

The samples were submitted to Pace for CCR Appendix III, State D&O Permit metals, and major ions by Method SW6010D, SW6020B, and/or mercury by SW7470A. The CCR Appendix III metals are: boron (B) and calcium (Ca). The State D&O Permit metals are: antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), thallium (Tl), vanadium (V), and zinc (Zn). The major ions are: potassium (K), sodium (Na), and magnesium (Mg). Each of the Level II components were within QC limits except for MS/MSD recoveries and field blank contamination.

Holding Times

The sample analyses were performed within the 6 month and 28-day (for mercury) analysis holding times.

Method Blanks

The method blanks associated with samples in this SDG did not contain metals.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

An MS/MSD analysis was performed for metals on sample GWA-36A and the recoveries of Ca and Mg were outside of QC limits.

Action: No qualification was necessary because the sample results were more than 4 times greater than the spike concentration.

Field Duplicate Precision

No field duplicate pairs were submitted with this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. Equipment rinsate blanks are collected to monitor the decontamination process and field blanks are collected to assess the water used to decontaminate the equipment and the containers into which samples are placed. No equipment blank was collected. The field blank contained Sb and As between the method detection limit (MDL) and the reporting limit (RL). Results less than ten times the field blank are considered "not detected" as a possible field artifact: **Reason Code: BF**.

Action: The arsenic result for sample GWA-36A was qualified as not detected due to possible field blank contamination and flagged "U".*

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of metals by USEPA Method SW6010D, SW6020B and 7470A. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier was retained by the data validator.

Total and Dissolved Metals Comparison

If total and dissolved metals samples were collected, comparison of the results can aid in the representativeness of the total metals value versus the metals that may be associated with suspended solids and metals actually dissolved within the water column. The dissolved metals results should be less than or equal to the total metals concentration for positive results greater than 5 times the RL. No dissolved samples were collected in this SDG.

Anions (EPA 300)

The samples were submitted to Pace for anions (chloride, fluoride, and sulfate) by Method 300.0, and each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the 28-day analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain anions indicating the analytical system was contaminant free during analysis.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

An MS/MSD analysis was not performed on any sample from this SDG.

Field Duplicate Precision

No field duplicate pairs were submitted with this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The equipment blank and field blank samples submitted in this SDG did not contain anions, and no results were considered possible field artifacts.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of anions by USEPA Method 300. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however there were none in this SDG.

Alkalinity (SM 2320B)

The samples were submitted to Pace for alkalinity (total alkalinity, bicarbonate alkalinity, and carbonate alkalinity) by Method SM 2320B. Each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain alkalinity.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

An MS/MSD analysis was not performed on any sample from this SDG.

Field Duplicate Precision

No field duplicate pairs were submitted with this SDG.

Laboratory Duplicate Precision

Laboratory duplicates were not analyzed for any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The field blank associated with the samples in this SDG did not contain alkalinity.

Reporting Limits

The laboratory RL was below the screening value of 500 mg/L for samples submitted for the analysis of alkalinity by Method SM 2320B and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however there were none in this SDG.

TDS (SM 2540C)

The samples were submitted to Pace for TDS by Method SM 2540C. Each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the 7-day analysis holding times.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain TDS.

Laboratory Control Samples (LCSs)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Field Duplicate Precision

No field duplicate pairs were submitted with this SDG.



Laboratory Duplicate Precision

Laboratory duplicates were not analyzed for any project samples in this SDG.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

The field blank associated with the samples in this SDG did not contain TDS.

Reporting Limits

The laboratory RL was below the screening value of 500 mg/L for samples submitted for the analysis of TDS by Method SM 2540C and no samples required dilutions; therefore, RLs were met for this project. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory, however no TDS results were reported between the MDL and RL.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan and validation SOPs. Professional judgment was not used to modify flags for results reported in samples presented in this SDG.

Completeness

A total of one well, along with the required QC sample, was sampled and analyzed during the April event in Landfill Cells 3&4 according to the FSP (Amec Foster Wheeler, 2017). The newly installed well location reported in this SDG was sampled and analyzed as scoped. Therefore, field and analytical completeness is 100% (planned verses actual samples collected).

References

Amec Foster Wheeler, 2017. *Field Sampling Plan – Plant Bowen*, Georgia Power Company, Earth Science and Environmental Engineering Technical Services, Southern Company Services, Inc. (SCS), Revision 1, Update 3, October 16, 2017.

USEPA, 2020. *EPA National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA-542-R-20-006, November 2020.

Prepared by/Date: DWK 04/20/22

Checked By/Date: JAH 04/22/22

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92597519
SAMPLING DATE: April 6, 2022
Plant Bowen Landfill Cells 3 & 4: New Well

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
GWA-36A	GWA-36A	N	92597519	6010D	zinc	0.012	J	J	--	mg/L
GWA-36A	GWA-36A	N	92597519	6020B	arsenic	0.0018	J	U*	BF	mg/L
GWA-36A	GWA-36A	N	92597519	6020B	beryllium	0.000061	J	J	--	mg/L
GWA-36A	GWA-36A	N	92597519	6020B	boron	0.032	J	J	--	mg/L
FB-1	Field Blank	FB	92597519	6020B	antimony	0.0013	J	J	--	mg/L
FB-1	Field Blank	FB	92597519	6020B	arsenic	0.0016	J	J	--	mg/L

Laboratory Qualifiers:

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

Reason Codes:

BF = Field blank contamination, the result should be considered "not-detected"

-- = No Reason Code assigned for values detected between the method detection limit (MDL) and the reporting limit (RL);estimated quantitation

Validation Qualifiers:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only. The associated numerical value is the approximate concentration of the analyte in the sample.

U* = This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

Prepared by/Date: DWK 04/20/22

checked by/Date: JAH 04/22/22

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen– Semiannual State D&O Permit New Monitoring Well

Project No: 6122160287.2103.****

Method: Metals and Mercury by SW6010D/SW6020B/SW7470

Laboratory and Lot: Pace SDG: 92597519

Reviewer/Date: D. Knaub 04/20/22 **Senior Reviewer/Date:** J. Hartness 04/22/22

YES NO NA COMMENTS

 Case Narrative and COC Completeness Review
 No separate 'case narrative' was included, QC issues noted in the 'analyte qualifiers' section of the report - OK

 Sample Preservation and cooler temperature met (HNO₃ to pH<2)
 OK, 3.2°C

 Holding times met (180 days; Hg = 28 days)
 Coll: 04/06/22
 Prep: metals – 04/07/22 (6010D); 04/11/22 (6020B)
 Hg – 04/18/22
 Anal: metals – 04/07/22 (6010D); 04/11/22 (6020B)
 Hg – 04/18/22

 QC Blanks Review
Method Blanks:
 p. 10 MB 3605646 (6010) = ND
 p. 11 MB 3609206 (6020) = ND
 p. 13 MB 3615683 (7470) Hg = ND

Field blanks: *Results < 10x blank flagged U**
 FB-1 Sb = 0.0013J x 10 = 0.013 mg/L
Flag U*: none
 As = 0.0016J x 10 = 0.016 mg/L
Flag U*: GWA-36A

 Laboratory Control Sample (LCS) recovery within limits (Metals 70-130%, Hg = 80-120%)
 p. 10 LCS 3605647 (6010) = All OK p. 11 LCS 3609207 (6020) = All OK
 p. 13 LCS 3615684 (7470) Hg = 102%

 Lab Duplicate - Field Duplicate precision goals met (20%)
No field or lab dups in this SDG

 Matrix Spike recoveries and RPDs within limits (75-125%, RPD 20)
6010
 p. 10 GWA-36A (6010) Ca = -27, 68% RPD = 2 *No flag; sample >4x spike*
 Mg = 30, 102% RPD = 3 *No flag; sample >4x spike*
 p. 12 GWA-36A (6020) All %rec and RPDs OK
 p. 13 (7470) - Not a sample from this SDG

Metals and Mercury by 6020B/7470A (cont.)

YES NO NA COMMENTS

Total metals vs dissolved metals within limits (RPD < 20% or diff. < RL)
No dissolved metals in this SDG

EDD Data Verification vs. Hardcopy (10% samples for each SDG)
100% of the results in this SDG were checked

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen– Semiannual State D&O Permit New Monitoring Well

Project No: 6122160287.2103.****

Method: Anions (chloride, fluoride, sulfate) by EPA 300.0

Laboratory and Lot: Pace SDG: 92597519

Reviewer/Date: D. Knaub 04/20/22 **Senior Reviewer/Date:** J. Hartness 04/22/22

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review Analyzed at Pace’s Ashville, NC location - No separate ‘case narrative’ was included, QC issues noted in the ‘analyte qualifiers’ section of the report - OK</p>
<input checked="" type="checkbox"/>			<p>Sample Preservation and cooler temperature met (Cool to 6°C) OK, 3.2°C</p>
<input checked="" type="checkbox"/>			<p>Holding times met (Cl, SO₄, F – 28 days) Coll: 04/06/22 Anal: 04/08/22</p>
<input checked="" type="checkbox"/>			<p>QC Blanks Review <u>Method Blanks:</u> p. 16 MB 3606393= ND</p> <p><u>Field blanks:</u> <i>Results < 10x blank flagged U*</i> FB-1 = ND</p>
<input checked="" type="checkbox"/>			<p>Laboratory Control Sample (LCS) recovery within limits (90-110%) p. 16 LCS 3606394 - all ok</p>
		<input checked="" type="checkbox"/>	<p>Lab Duplicate - Field Duplicate precision goals met (20%) <i>No field or lab dups in this SDG</i></p>
		<input checked="" type="checkbox"/>	<p>Matrix Spike recoveries and RPDs within limits (lab %Rec limits, RPD = 20) p. 16 not samples from this SDG</p>
<input checked="" type="checkbox"/>			<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>100% of the results in this SDG were checked</i></p>

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen– Semiannual State D&O Permit New Monitoring Well

Project No: 6122160287.2303.****

Method: TDS by SM 2540C

Laboratory and Lot: Pace SDG: 92597519

Reviewer/Date: D. Knaub 04/20/22 **Senior Reviewer/Date:** J. Hartness 04/22/22

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review Analyzed at Pace’s Ashville, NC location - No separate ‘case narrative’ was included, QC issues noted in the ‘analyte qualifiers’ section of the report - OK</p>
<input checked="" type="checkbox"/>			<p>Sample Preservation and cooler temperature met (Cool to 6°C) OK, 3.2°C</p>
<input checked="" type="checkbox"/>			<p>Holding times met (7 days) Coll: 04/06/22 Anal: 04/07/22</p>
<input checked="" type="checkbox"/>			<p>QC Blanks Review <u>Method Blanks:</u> p. 15 MB 3605276 TDS = ND</p> <p><u>Field blank</u> FB-1 = ND</p>
<input checked="" type="checkbox"/>			<p>Laboratory Control Sample (LCS) recovery within lab limits p. 15 LCS 3605277 TDS = 105%</p>
	<input checked="" type="checkbox"/>		<p>Lab Duplicate - Field Duplicate precision goals met (20%) <i>No field duplicates in this SDG</i> Lab dups: p. 15 – not samples from this SDG</p>
	<input checked="" type="checkbox"/>		<p>Matrix Spike recoveries and RPDs within limits (if applicable) <i>None for TDS</i></p>
<input checked="" type="checkbox"/>			<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>100% of the results in this SDG were checked</i></p>

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Bowen– Semiannual State D&O Permit New Monitoring Well

Project No: 6122160287.2303.****

Method: Alkalinity by SM 2320B

Laboratory and Lot: Pace SDG: 92597519

Reviewer/Date: D. Knaub 04/20/22 **Senior Reviewer/Date:** J. Hartness 04/22/22

<u>YES</u>	<u>NO</u>	<u>NA</u>	<u>COMMENTS</u>
<input checked="" type="checkbox"/>			<p>Case Narrative and COC Completeness Review Analyzed at Pace’s Minneapolis, MN location - No separate ‘case narrative’ was included, QC issues noted in the ‘analyte qualifiers’ section of the report - OK</p>
<input checked="" type="checkbox"/>			<p>Sample Preservation and cooler temperature met (Cool to 6°C) OK, 3.2°C</p>
<input checked="" type="checkbox"/>			<p>Holding times met (7 days) Coll: 04/06/22 Anal: 04/16/22</p>
<input checked="" type="checkbox"/>			<p>QC Blanks Review <u>Method Blanks:</u> p. 14 MB 4296151 Alk = ND</p> <p><u>Field blank</u> FB-1 = ND</p>
<input checked="" type="checkbox"/>			<p>Laboratory Control Sample (LCS) recovery within lab limits p. 14 LCS/LCSD 4296152, 4296153 Alk = 109, 108% RPD = 0</p>
	<input checked="" type="checkbox"/>		<p>Lab Duplicate - Field Duplicate precision goals met (20%) <i>No field or lab dups from this SDG</i></p>
	<input checked="" type="checkbox"/>		<p>Matrix Spike recoveries and RPDs within limits (if applicable) p. 14 non-project samples</p>
<input checked="" type="checkbox"/>			<p>EDD Data Verification vs. Hardcopy (10% samples for each SDG) <i>100% of the results in this SDG were checked</i></p>

Low-Flow Test Report:

Test Date / Time: 2/1/2022 12:54:55 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWA-50 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 86.73 ft Total Depth: 96.73 ft Initial Depth to Water: 60.37 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 91.73 ft Estimated Total Volume Pumped: 18560 ml Flow Cell Volume: 90 ml Final Flow Rate: 116 ml/min Final Draw Down: 12.13 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
---	---	--

Test Notes:

Prepurged 1L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
2/1/2022 12:54 PM	00:00	7.84 pH	16.32 °C	20.08 µS/cm	9.11 mg/L	1.69 NTU	18.2 mV	61.30 ft	116.00 ml/min
2/1/2022 12:58 PM	04:00	7.02 pH	16.67 °C	20.53 µS/cm	7.63 mg/L	1.52 NTU	18.5 mV	61.67 ft	116.00 ml/min
2/1/2022 1:02 PM	08:00	6.44 pH	17.09 °C	20.85 µS/cm	7.05 mg/L	1.48 NTU	18.6 mV	62.21 ft	116.00 ml/min
2/1/2022 1:06 PM	12:00	6.02 pH	17.30 °C	20.31 µS/cm	6.94 mg/L	1.60 NTU	17.4 mV	62.73 ft	116.00 ml/min
2/1/2022 1:10 PM	16:00	5.79 pH	17.48 °C	19.55 µS/cm	7.08 mg/L	1.48 NTU	17.0 mV	63.14 ft	116.00 ml/min
2/1/2022 1:14 PM	20:00	5.65 pH	17.66 °C	18.54 µS/cm	7.26 mg/L	1.43 NTU	18.2 mV	63.53 ft	116.00 ml/min
2/1/2022 1:18 PM	24:00	5.58 pH	17.79 °C	17.93 µS/cm	7.31 mg/L	1.50 NTU	18.3 mV	63.97 ft	116.00 ml/min
2/1/2022 1:22 PM	28:00	5.54 pH	17.71 °C	17.62 µS/cm	7.44 mg/L	1.52 NTU	19.3 mV	64.38 ft	116.00 ml/min
2/1/2022 1:26 PM	32:00	5.51 pH	17.80 °C	17.49 µS/cm	7.43 mg/L	1.80 NTU	20.4 mV	64.75 ft	116.00 ml/min
2/1/2022 1:30 PM	36:00	5.51 pH	17.86 °C	17.53 µS/cm	7.44 mg/L	1.53 NTU	20.8 mV	65.10 ft	116.00 ml/min
2/1/2022 1:34 PM	40:00	5.49 pH	17.85 °C	17.60 µS/cm	7.48 mg/L	1.60 NTU	22.3 mV	65.53 ft	116.00 ml/min
2/1/2022 1:38 PM	44:00	5.51 pH	17.81 °C	17.69 µS/cm	7.45 mg/L	1.73 NTU	22.1 mV	65.85 ft	116.00 ml/min
2/1/2022 1:42 PM	48:00	5.53 pH	17.93 °C	17.85 µS/cm	7.44 mg/L	1.79 NTU	21.9 mV	64.04 ft	116.00 ml/min
2/1/2022 1:46 PM	52:00	5.53 pH	18.10 °C	17.91 µS/cm	7.35 mg/L	1.67 NTU	22.6 mV	66.39 ft	116.00 ml/min
2/1/2022 1:50 PM	56:00	5.53 pH	18.15 °C	18.10 µS/cm	7.32 mg/L	1.75 NTU	23.5 mV	66.62 ft	116.00 ml/min

2/1/2022 1:54 PM	01:00:00	5.55 pH	18.24 °C	18.18 µS/cm	7.24 mg/L	1.71 NTU	23.5 mV	66.88 ft	116.00 ml/min
2/1/2022 1:58 PM	01:04:00	5.54 pH	18.20 °C	18.26 µS/cm	7.21 mg/L	1.73 NTU	24.5 mV	67.11 ft	116.00 ml/min
2/1/2022 2:02 PM	01:08:00	5.55 pH	18.36 °C	18.39 µS/cm	7.12 mg/L	1.70 NTU	24.5 mV	67.32 ft	116.00 ml/min
2/1/2022 2:06 PM	01:12:00	5.55 pH	18.44 °C	18.52 µS/cm	7.08 mg/L	1.80 NTU	26.0 mV	67.54 ft	116.00 ml/min
2/1/2022 2:10 PM	01:16:00	5.56 pH	18.43 °C	18.64 µS/cm	7.19 mg/L	1.72 NTU	25.7 mV	67.78 ft	116.00 ml/min
2/1/2022 2:14 PM	01:20:00	5.58 pH	18.51 °C	18.73 µS/cm	7.21 mg/L	1.73 NTU	25.6 mV	67.96 ft	116.00 ml/min
2/1/2022 2:18 PM	01:24:00	5.57 pH	18.37 °C	18.86 µS/cm	7.20 mg/L	1.78 NTU	26.9 mV	68.13 ft	116.00 ml/min
2/1/2022 2:22 PM	01:28:00	5.59 pH	18.17 °C	18.96 µS/cm	7.15 mg/L	1.71 NTU	26.9 mV	68.33 ft	116.00 ml/min
2/1/2022 2:26 PM	01:32:00	5.58 pH	18.18 °C	19.01 µS/cm	7.14 mg/L	1.73 NTU	27.6 mV	68.52 ft	116.00 ml/min
2/1/2022 2:30 PM	01:36:00	5.59 pH	17.97 °C	19.06 µS/cm	7.14 mg/L	1.69 NTU	27.8 mV	68.71 ft	116.00 ml/min
2/1/2022 2:34 PM	01:40:00	5.61 pH	17.99 °C	19.13 µS/cm	7.10 mg/L	1.73 NTU	27.8 mV	68.89 ft	116.00 ml/min
2/1/2022 2:38 PM	01:44:00	5.60 pH	17.09 °C	19.33 µS/cm	7.17 mg/L	1.68 NTU	29.4 mV	69.08 ft	116.00 ml/min
2/1/2022 2:42 PM	01:48:00	5.60 pH	16.62 °C	19.47 µS/cm	7.22 mg/L	1.72 NTU	30.0 mV	69.28 ft	116.00 ml/min
2/1/2022 2:46 PM	01:52:00	5.63 pH	16.34 °C	19.56 µS/cm	7.27 mg/L	1.68 NTU	29.5 mV	69.53 ft	116.00 ml/min
2/1/2022 2:50 PM	01:56:00	5.60 pH	16.14 °C	19.63 µS/cm	7.27 mg/L	1.70 NTU	31.5 mV	69.84 ft	116.00 ml/min
2/1/2022 2:54 PM	02:00:00	5.62 pH	16.05 °C	19.61 µS/cm	7.26 mg/L	1.65 NTU	31.2 mV	70.09 ft	116.00 ml/min
2/1/2022 2:58 PM	02:04:00	5.62 pH	16.00 °C	19.54 µS/cm	7.25 mg/L	1.68 NTU	31.0 mV	70.39 ft	116.00 ml/min
2/1/2022 3:02 PM	02:08:00	5.60 pH	16.03 °C	19.37 µS/cm	7.26 mg/L	1.63 NTU	32.5 mV	70.68 ft	116.00 ml/min
2/1/2022 3:06 PM	02:12:00	5.61 pH	15.91 °C	19.37 µS/cm	7.29 mg/L	1.64 NTU	32.0 mV	70.91 ft	116.00 ml/min
2/1/2022 3:10 PM	02:16:00	5.59 pH	15.88 °C	19.36 µS/cm	7.29 mg/L	1.59 NTU	33.9 mV	71.23 ft	116.00 ml/min
2/1/2022 3:14 PM	02:20:00	5.60 pH	15.87 °C	19.37 µS/cm	7.23 mg/L	1.62 NTU	33.7 mV	71.54 ft	116.00 ml/min
2/1/2022 3:18 PM	02:24:00	5.61 pH	15.82 °C	19.41 µS/cm	7.21 mg/L	1.60 NTU	33.5 mV	71.83 ft	116.00 ml/min
2/1/2022 3:22 PM	02:28:00	5.59 pH	15.74 °C	19.38 µS/cm	7.18 mg/L	1.57 NTU	35.3 mV	72.08 ft	116.00 ml/min
2/1/2022 3:26 PM	02:32:00	5.60 pH	15.64 °C	19.39 µS/cm	7.17 mg/L	1.52 NTU	34.9 mV	72.21 ft	116.00 ml/min
2/1/2022 3:30 PM	02:36:00	5.63 pH	15.62 °C	19.39 µS/cm	7.18 mg/L	1.64 NTU	34.4 mV	72.36 ft	116.00 ml/min
2/1/2022 3:34 PM	02:40:00	5.61 pH	15.60 °C	19.55 µS/cm	7.17 mg/L	1.75 NTU	35.5 mV	72.50 ft	116.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

GWA-50	Metals, inorganics, TDS, Alkalinity
--------	-------------------------------------

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/1/2022 1:49:42 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 144.25 ft Total Depth: 154.25 ft Initial Depth to Water: 79.8 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 149.25 ft Estimated Total Volume Pumped: 10400 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
---	---	--

Test Notes:

Prepurged 8 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/1/2022 1:49 PM	00:00	5.60 pH	15.66 °C	93.70 µS/cm	6.03 mg/L	0.56 NTU	97.3 mV	79.90 ft	0.04 PSU	200.00 ml/min
2/1/2022 1:53 PM	04:00	5.70 pH	15.66 °C	126.94 µS/cm	6.04 mg/L	0.56 NTU	91.8 mV	79.90 ft	0.06 PSU	200.00 ml/min
2/1/2022 1:57 PM	08:00	5.80 pH	15.71 °C	160.90 µS/cm	6.02 mg/L	0.57 NTU	88.5 mV	79.90 ft	0.08 PSU	200.00 ml/min
2/1/2022 2:01 PM	12:00	5.89 pH	15.70 °C	195.21 µS/cm	6.04 mg/L	0.63 NTU	86.0 mV	79.90 ft	0.09 PSU	200.00 ml/min
2/1/2022 2:05 PM	16:00	5.97 pH	15.75 °C	226.85 µS/cm	6.06 mg/L	0.71 NTU	84.2 mV	79.90 ft	0.11 PSU	200.00 ml/min
2/1/2022 2:09 PM	20:00	6.04 pH	15.80 °C	256.01 µS/cm	6.07 mg/L	0.78 NTU	82.9 mV	79.90 ft	0.12 PSU	200.00 ml/min
2/1/2022 2:13 PM	24:00	6.10 pH	15.80 °C	280.72 µS/cm	6.07 mg/L	0.85 NTU	82.1 mV	79.90 ft	0.13 PSU	200.00 ml/min
2/1/2022 2:17 PM	28:00	6.15 pH	15.84 °C	298.56 µS/cm	6.09 mg/L	0.83 NTU	81.3 mV	79.90 ft	0.14 PSU	200.00 ml/min
2/1/2022 2:21 PM	32:00	6.18 pH	15.93 °C	312.18 µS/cm	6.10 mg/L	0.71 NTU	80.9 mV	79.90 ft	0.15 PSU	200.00 ml/min
2/1/2022 2:25 PM	36:00	6.21 pH	15.95 °C	325.65 µS/cm	6.13 mg/L	0.72 NTU	80.7 mV	79.90 ft	0.16 PSU	200.00 ml/min
2/1/2022 2:29 PM	40:00	6.25 pH	15.87 °C	333.34 µS/cm	6.17 mg/L	0.69 NTU	80.3 mV	79.90 ft	0.16 PSU	200.00 ml/min
2/1/2022 2:33 PM	44:00	6.27 pH	15.85 °C	340.72 µS/cm	6.21 mg/L	0.92 NTU	80.2 mV	79.90 ft	0.16 PSU	200.00 ml/min
2/1/2022 2:37 PM	48:00	6.28 pH	15.87 °C	347.47 µS/cm	6.25 mg/L	0.77 NTU	80.1 mV	79.90 ft	0.17 PSU	200.00 ml/min
2/1/2022 2:41 PM	52:00	6.30 pH	15.89 °C	352.04 µS/cm	6.28 mg/L	0.66 NTU	80.0 mV	79.90 ft	0.17 PSU	200.00 ml/min

Samples

Sample ID:	Description:
GWA-2	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/1/2022 2:28:15 PM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWA-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 141.8 ft Total Depth: 151.8 ft Initial Depth to Water: 94.83 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 146.8 ft Estimated Total Volume Pumped: 2080 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 0.37 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
--	--	--

Test Notes:

Prepurge 11L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/1/2022 2:28 PM	00:00	7.51 pH	15.37 °C	3.64 µS/cm	1.37 mg/L	2.01 NTU	75.2 mV	94.83 ft	0.00 PSU	130.00 ml/min
2/1/2022 2:32 PM	04:00	7.50 pH	15.37 °C	3.66 µS/cm	1.20 mg/L	3.77 NTU	71.8 mV	94.90 ft	0.00 PSU	130.00 ml/min
2/1/2022 2:36 PM	08:00	7.50 pH	15.33 °C	3.68 µS/cm	0.88 mg/L	3.75 NTU	68.9 mV	95.02 ft	0.00 PSU	130.00 ml/min
2/1/2022 2:40 PM	12:00	7.52 pH	15.33 °C	3.69 µS/cm	0.77 mg/L	3.84 NTU	65.0 mV	95.10 ft	0.00 PSU	130.00 ml/min
2/1/2022 2:44 PM	16:00	7.52 pH	15.32 °C	3.69 µS/cm	0.74 mg/L	3.95 NTU	61.3 mV	95.20 ft	0.00 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWA-1	Metals, Inorganic, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/1/2022 3:26:24 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-2R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 97.4 ft Total Depth: 107.4 ft Initial Depth to Water: 80.02 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 102.4 ft Estimated Total Volume Pumped: 2240 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: 1.53 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	--	--

Test Notes:

Prepurged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/1/2022 3:26 PM	00:00	6.54 pH	15.66 °C	251.72 µS/cm	0.19 mg/L	1.49 NTU	21.8 mV	81.37 ft	0.12 PSU	140.00 ml/min
2/1/2022 3:30 PM	04:00	6.57 pH	15.66 °C	252.51 µS/cm	0.16 mg/L	0.80 NTU	13.3 mV	81.44 ft	0.12 PSU	140.00 ml/min
2/1/2022 3:34 PM	08:00	6.59 pH	15.70 °C	253.71 µS/cm	0.15 mg/L	0.53 NTU	4.4 mV	81.50 ft	0.12 PSU	140.00 ml/min
2/1/2022 3:38 PM	12:00	6.61 pH	15.67 °C	254.59 µS/cm	0.16 mg/L	0.67 NTU	-3.3 mV	81.54 ft	0.12 PSU	140.00 ml/min
2/1/2022 3:42 PM	16:00	6.62 pH	15.71 °C	255.56 µS/cm	0.18 mg/L	0.46 NTU	-9.8 mV	81.55 ft	0.12 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWA-2R	Metals, Inorganics, TDS, Alkalinity
DUP-1	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 9:39:51 AM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWA-50R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 135.53 ft Total Depth: 145.53 ft Initial Depth to Water: 74.24 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 140.53 ft Estimated Total Volume Pumped: 3360 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
--	---	--

Test Notes:

Prepurge 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/2/2022 9:39 AM	00:00	6.22 pH	13.74 °C	0.41 µS/cm	8.00 mg/L	0.37 NTU	175.7 mV	74.24 ft	0.00 PSU	120.00 ml/min
2/2/2022 9:43 AM	04:00	5.80 pH	14.11 °C	0.30 µS/cm	8.66 mg/L	0.29 NTU	158.0 mV	74.24 ft	0.00 PSU	120.00 ml/min
2/2/2022 9:47 AM	08:00	5.45 pH	14.20 °C	0.22 µS/cm	9.58 mg/L	0.10 NTU	149.9 mV	74.24 ft	0.00 PSU	120.00 ml/min
2/2/2022 9:51 AM	12:00	5.26 pH	14.27 °C	0.20 µS/cm	9.88 mg/L	0.07 NTU	145.1 mV	74.24 ft	0.00 PSU	120.00 ml/min
2/2/2022 9:55 AM	16:00	5.22 pH	14.38 °C	0.20 µS/cm	9.91 mg/L	0.11 NTU	141.7 mV	74.24 ft	0.00 PSU	120.00 ml/min
2/2/2022 9:59 AM	20:00	5.19 pH	14.42 °C	0.19 µS/cm	9.96 mg/L	0.08 NTU	142.9 mV	74.25 ft	0.00 PSU	120.00 ml/min
2/2/2022 10:03 AM	24:00	5.17 pH	14.46 °C	0.19 µS/cm	9.93 mg/L	0.01 NTU	142.8 mV	74.25 ft	0.00 PSU	120.00 ml/min
2/2/2022 10:07 AM	28:00	5.17 pH	14.49 °C	0.19 µS/cm	9.89 mg/L	0.05 NTU	144.1 mV	74.25 ft	0.00 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWA-50R	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 9:52:16 AM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 103.75 ft Total Depth: 113.75 ft Initial Depth to Water: 77.83 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 108.75 ft Estimated Total Volume Pumped: 12096 ml Flow Cell Volume: 90 ml Final Flow Rate: 116 ml/min Final Draw Down: 5.38 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	---	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
2/2/2022 9:52 AM	00:00	7.19 pH	12.75 °C	37.29 µS/cm	9.84 mg/L	1.89 NTU	84.7 mV	78.62 ft	132.00 ml/min
2/2/2022 9:56 AM	04:00	6.66 pH	14.20 °C	46.64 µS/cm	7.95 mg/L	2.09 NTU	78.6 mV	78.98 ft	132.00 ml/min
2/2/2022 10:00 AM	08:00	6.50 pH	14.43 °C	59.42 µS/cm	7.54 mg/L	2.64 NTU	79.3 mV	79.42 ft	132.00 ml/min
2/2/2022 10:04 AM	12:00	6.48 pH	14.48 °C	63.92 µS/cm	7.52 mg/L	4.91 NTU	76.4 mV	79.84 ft	132.00 ml/min
2/2/2022 10:08 AM	16:00	6.49 pH	14.52 °C	64.83 µS/cm	7.54 mg/L	5.43 NTU	74.6 mV	80.18 ft	132.00 ml/min
2/2/2022 10:12 AM	20:00	6.46 pH	14.60 °C	65.05 µS/cm	7.58 mg/L	5.53 NTU	75.5 mV	80.48 ft	132.00 ml/min
2/2/2022 10:16 AM	24:00	6.46 pH	14.61 °C	63.55 µS/cm	7.68 mg/L	4.49 NTU	74.4 mV	80.81 ft	132.00 ml/min
2/2/2022 10:20 AM	28:00	6.41 pH	14.72 °C	61.91 µS/cm	7.80 mg/L	4.52 NTU	75.4 mV	81.08 ft	132.00 ml/min
2/2/2022 10:24 AM	32:00	6.39 pH	14.75 °C	60.40 µS/cm	7.91 mg/L	4.23 NTU	74.9 mV	81.33 ft	132.00 ml/min
2/2/2022 10:28 AM	36:00	6.37 pH	14.67 °C	58.85 µS/cm	8.04 mg/L	4.24 NTU	74.7 mV	81.61 ft	132.00 ml/min
2/2/2022 10:32 AM	40:00	6.31 pH	14.65 °C	56.19 µS/cm	8.25 mg/L	4.05 NTU	76.5 mV	81.84 ft	132.00 ml/min
2/2/2022 10:36 AM	44:00	6.28 pH	14.65 °C	53.48 µS/cm	8.40 mg/L	4.03 NTU	76.3 mV	82.06 ft	132.00 ml/min
2/2/2022 10:40 AM	48:00	6.23 pH	14.74 °C	51.96 µS/cm	8.54 mg/L	4.37 NTU	77.8 mV	82.32 ft	132.00 ml/min
2/2/2022 10:44 AM	52:00	6.20 pH	14.88 °C	50.32 µS/cm	8.58 mg/L	4.17 NTU	78.8 mV	82.50 ft	132.00 ml/min
2/2/2022 10:48 AM	56:00	6.18 pH	14.90 °C	48.26 µS/cm	8.71 mg/L	4.52 NTU	78.8 mV	82.71 ft	132.00 ml/min

2/2/2022 10:52 AM	01:00:00	6.13 pH	14.70 °C	46.31 µS/cm	8.78 mg/L	3.75 NTU	81.0 mV	82.87 ft	116.00 ml/min
2/2/2022 10:56 AM	01:04:00	6.12 pH	14.56 °C	45.62 µS/cm	8.88 mg/L	3.92 NTU	80.5 mV	82.85 ft	116.00 ml/min
2/2/2022 11:00 AM	01:08:00	6.09 pH	14.62 °C	44.19 µS/cm	8.91 mg/L	3.77 NTU	81.5 mV	82.86 ft	116.00 ml/min
2/2/2022 11:04 AM	01:12:00	6.04 pH	14.65 °C	41.32 µS/cm	9.02 mg/L	3.50 NTU	82.9 mV	82.90 ft	116.00 ml/min
2/2/2022 11:08 AM	01:16:00	6.01 pH	14.65 °C	39.25 µS/cm	9.10 mg/L	3.34 NTU	83.0 mV	82.94 ft	116.00 ml/min
2/2/2022 11:12 AM	01:20:00	5.96 pH	14.61 °C	37.37 µS/cm	9.19 mg/L	3.20 NTU	84.8 mV	83.00 ft	116.00 ml/min
2/2/2022 11:16 AM	01:24:00	5.92 pH	14.56 °C	36.39 µS/cm	9.24 mg/L	2.97 NTU	86.2 mV	83.04 ft	116.00 ml/min
2/2/2022 11:20 AM	01:28:00	5.93 pH	14.57 °C	36.34 µS/cm	9.28 mg/L	3.25 NTU	86.3 mV	83.10 ft	116.00 ml/min
2/2/2022 11:24 AM	01:32:00	5.89 pH	14.61 °C	36.21 µS/cm	9.26 mg/L	2.96 NTU	88.8 mV	83.16 ft	116.00 ml/min
2/2/2022 11:28 AM	01:36:00	5.90 pH	14.57 °C	35.61 µS/cm	9.29 mg/L	3.09 NTU	88.5 mV	83.21 ft	116.00 ml/min

Samples

Sample ID:	Description:
GWC-5	Metals, inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 11:15:36 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

<p>Location Name: GWC-7Z Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 107 ft Total Depth: 117 ft Initial Depth to Water: 56.89 ft</p>	<p>Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 112 ft Estimated Total Volume Pumped: 8480 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 0.11 ft</p>	<p>Instrument Used: Aqua TROLL 400 Serial Number: 789301</p>
--	---	---

Test Notes:

Prepurged 1 L

At 20:00 lowered pump rate to 130 mL/min.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/2/2022 11:15 AM	00:00	6.87 pH	14.69 °C	225.37 µS/cm	0.75 mg/L	0.63 NTU	0.7 mV	57.01 ft	0.11 PSU	190.00 ml/min
2/2/2022 11:19 AM	04:00	7.05 pH	14.85 °C	224.47 µS/cm	0.22 mg/L	0.86 NTU	-26.8 mV	57.02 ft	0.11 PSU	190.00 ml/min
2/2/2022 11:23 AM	08:00	7.17 pH	14.95 °C	225.69 µS/cm	0.32 mg/L	2.13 NTU	-36.3 mV	57.03 ft	0.11 PSU	190.00 ml/min
2/2/2022 11:27 AM	12:00	7.25 pH	14.94 °C	225.85 µS/cm	0.51 mg/L	2.72 NTU	-40.3 mV	57.04 ft	0.11 PSU	190.00 ml/min
2/2/2022 11:31 AM	16:00	7.32 pH	14.94 °C	226.45 µS/cm	0.76 mg/L	3.43 NTU	-41.8 mV	57.05 ft	0.11 PSU	190.00 ml/min
2/2/2022 11:35 AM	20:00	7.38 pH	14.62 °C	225.79 µS/cm	0.94 mg/L	3.27 NTU	-41.7 mV	57.01 ft	0.11 PSU	130.00 ml/min
2/2/2022 11:39 AM	24:00	7.41 pH	14.48 °C	226.11 µS/cm	1.14 mg/L	3.14 NTU	-41.3 mV	57.01 ft	0.11 PSU	130.00 ml/min
2/2/2022 11:43 AM	28:00	7.45 pH	14.43 °C	225.44 µS/cm	1.41 mg/L	3.08 NTU	-39.0 mV	57.00 ft	0.11 PSU	130.00 ml/min
2/2/2022 11:47 AM	32:00	7.47 pH	14.49 °C	225.40 µS/cm	1.59 mg/L	2.75 NTU	-38.7 mV	57.00 ft	0.11 PSU	130.00 ml/min
2/2/2022 11:51 AM	36:00	7.49 pH	14.54 °C	225.52 µS/cm	1.71 mg/L	2.48 NTU	-39.5 mV	57.00 ft	0.11 PSU	130.00 ml/min
2/2/2022 11:55 AM	40:00	7.50 pH	14.58 °C	225.37 µS/cm	1.82 mg/L	1.84 NTU	-40.0 mV	57.00 ft	0.11 PSU	130.00 ml/min
2/2/2022 11:59 AM	44:00	7.51 pH	14.59 °C	225.40 µS/cm	1.92 mg/L	1.65 NTU	-41.0 mV	57.00 ft	0.11 PSU	130.00 ml/min
2/2/2022 12:03 PM	48:00	7.52 pH	14.67 °C	224.70 µS/cm	2.01 mg/L	1.48 NTU	-41.0 mV	57.00 ft	0.11 PSU	130.00 ml/min
2/2/2022 12:07 PM	52:00	7.53 pH	14.68 °C	225.00 µS/cm	2.11 mg/L	1.50 NTU	-41.5 mV	57.00 ft	0.11 PSU	130.00 ml/min
2/2/2022 12:11 PM	56:00	7.54 pH	14.72 °C	224.90 µS/cm	2.22 mg/L	1.47 NTU	-41.3 mV	57.00 ft	0.11 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-7Z	Metals, Inorganics, TDS, Alkalinity

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/2/2022 11:17:59 AM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWA-4RZ Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 110.74 ft Total Depth: 120.74 ft Initial Depth to Water: 88.1 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 115.74 ft Estimated Total Volume Pumped: 25925 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 26.494 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
---	--	--

Test Notes:

Prepurge 2L

Water level fell below screen, so full Evacuation Disregard trial at 36.39 and 40.39 into LF also disregard trial at 3:20:39 into LF

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/2/2022 11:17 AM	00:00	7.16 pH	14.74 °C	5.83 µS/cm	0.82 mg/L	0.47 NTU	15.9 mV	88.10 ft	0.00 PSU	125.00 ml/min
2/2/2022 11:21 AM	04:00	7.24 pH	14.78 °C	5.62 µS/cm	0.36 mg/L	0.56 NTU	0.8 mV	88.89 ft	0.00 PSU	125.00 ml/min
2/2/2022 11:25 AM	08:00	7.30 pH	14.83 °C	5.47 µS/cm	0.25 mg/L	0.18 NTU	-19.1 mV	89.51 ft	0.00 PSU	125.00 ml/min
2/2/2022 11:29 AM	12:00	7.33 pH	14.82 °C	5.43 µS/cm	0.21 mg/L	0.42 NTU	-35.4 mV	90.15 ft	0.00 PSU	125.00 ml/min
2/2/2022 11:33 AM	16:00	7.34 pH	14.74 °C	5.40 µS/cm	0.20 mg/L	0.27 NTU	-52.6 mV	90.88 ft	0.00 PSU	125.00 ml/min
2/2/2022 11:37 AM	20:00	7.35 pH	14.47 °C	5.38 µS/cm	0.20 mg/L	0.20 NTU	-63.5 mV	91.31 ft	0.00 PSU	100.00 ml/min
2/2/2022 11:41 AM	24:00	7.36 pH	14.38 °C	5.38 µS/cm	0.21 mg/L	0.22 NTU	-70.3 mV	91.61 ft	0.00 PSU	100.00 ml/min
2/2/2022 11:45 AM	28:00	7.36 pH	14.36 °C	5.37 µS/cm	0.21 mg/L	0.23 NTU	-74.6 mV	91.90 ft	0.00 PSU	100.00 ml/min
2/2/2022 11:54 AM	36:39	7.37 pH	14.15 °C	5.34 µS/cm	0.23 mg/L		-75.0 mV		0.00 PSU	100.00 ml/min
2/2/2022 11:58 AM	40:39	7.38 pH	14.00 °C	5.33 µS/cm	0.23 mg/L		-74.3 mV		0.00 PSU	100.00 ml/min
2/2/2022 12:02 PM	44:39	7.38 pH	13.87 °C	5.32 µS/cm	0.25 mg/L	0.48 NTU	-75.0 mV	92.88 ft	0.00 PSU	100.00 ml/min
2/2/2022 12:06 PM	48:39	7.35 pH	13.61 °C	5.37 µS/cm	0.34 mg/L	0.45 NTU	-74.1 mV	93.21 ft	0.00 PSU	100.00 ml/min
2/2/2022 12:10 PM	52:39	7.32 pH	14.47 °C	5.26 µS/cm	0.30 mg/L	0.45 NTU	-66.4 mV	93.87 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:14 PM	56:39	7.28 pH	14.65 °C	5.18 µS/cm	0.35 mg/L	0.40 NTU	-57.6 mV	94.50 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:18 PM	01:00:39	7.25 pH	14.83 °C	5.12 µS/cm	0.34 mg/L	0.36 NTU	-50.3 mV	95.10 ft	0.00 PSU	120.00 ml/min

2/2/2022 12:22 PM	01:04:39	7.22 pH	15.01 °C	5.07 µS/cm	0.37 mg/L	0.30 NTU	-42.1 mV	96.03 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:26 PM	01:08:39	7.21 pH	15.04 °C	5.04 µS/cm	0.44 mg/L	0.28 NTU	-35.0 mV	96.91 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:30 PM	01:12:39	7.19 pH	15.09 °C	5.01 µS/cm	0.48 mg/L	0.32 NTU	-29.8 mV	97.89 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:34 PM	01:16:39	7.18 pH	15.10 °C	5.00 µS/cm	0.52 mg/L	0.21 NTU	-25.8 mV	98.69 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:38 PM	01:20:39	7.18 pH	15.06 °C	4.99 µS/cm	0.57 mg/L	0.26 NTU	-22.8 mV	99.55 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:42 PM	01:24:39	7.18 pH	15.06 °C	4.99 µS/cm	0.60 mg/L	0.43 NTU	-21.2 mV	100.34 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:46 PM	01:28:39	7.18 pH	15.10 °C	5.00 µS/cm	0.64 mg/L	0.25 NTU	-19.8 mV	101.11 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:50 PM	01:32:39	7.18 pH	15.10 °C	4.99 µS/cm	0.68 mg/L	0.21 NTU	-18.4 mV	101.95 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:54 PM	01:36:39	7.18 pH	15.06 °C	4.99 µS/cm	0.74 mg/L	0.24 NTU	-17.2 mV	102.69 ft	0.00 PSU	120.00 ml/min
2/2/2022 12:58 PM	01:40:39	7.18 pH	15.06 °C	5.00 µS/cm	0.80 mg/L	0.17 NTU	-16.1 mV	103.54 ft	0.00 PSU	120.00 ml/min
2/2/2022 1:02 PM	01:44:39	7.18 pH	15.06 °C	5.00 µS/cm	0.87 mg/L	0.06 NTU	-15.0 mV	104.46 ft	0.00 PSU	120.00 ml/min
2/2/2022 1:06 PM	01:48:39	7.18 pH	15.20 °C	5.01 µS/cm	0.93 mg/L	0.24 NTU	-14.0 mV	105.50 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:10 PM	01:52:39	7.18 pH	15.25 °C	5.00 µS/cm	1.01 mg/L	0.16 NTU	-13.1 mV	106.09 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:14 PM	01:56:39	7.18 pH	15.25 °C	5.01 µS/cm	1.07 mg/L	0.23 NTU	-12.2 mV	107.07 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:18 PM	02:00:39	7.18 pH	15.33 °C	5.00 µS/cm	1.13 mg/L	0.26 NTU	-10.9 mV	108.11 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:22 PM	02:04:39	7.18 pH	15.37 °C	5.00 µS/cm	1.17 mg/L	0.24 NTU	-9.4 mV	108.90 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:26 PM	02:08:39	7.18 pH	15.37 °C	5.01 µS/cm	1.19 mg/L	0.17 NTU	-8.5 mV	109.85 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:30 PM	02:12:39	7.19 pH	15.31 °C	5.00 µS/cm	1.19 mg/L	0.18 NTU	-7.8 mV	110.31 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:34 PM	02:16:39	7.19 pH	15.03 °C	5.00 µS/cm	1.20 mg/L	0.22 NTU	-6.8 mV	110.43 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:38 PM	02:20:39	7.19 pH	15.15 °C	5.01 µS/cm	1.20 mg/L	0.26 NTU	-6.4 mV	110.50 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:42 PM	02:24:39	7.19 pH	15.28 °C	5.01 µS/cm	1.18 mg/L	0.21 NTU	-5.6 mV	110.51 ft	0.00 PSU	130.00 ml/min
2/2/2022 1:46 PM	02:28:39	7.19 pH	15.33 °C	5.01 µS/cm	1.17 mg/L	0.17 NTU	-5.2 mV	110.53 ft	0.00 PSU	140.00 ml/min
2/2/2022 1:50 PM	02:32:39	7.20 pH	15.42 °C	5.04 µS/cm	1.11 mg/L	0.20 NTU	-6.5 mV	110.65 ft	0.00 PSU	160.00 ml/min
2/2/2022 1:54 PM	02:36:39	7.23 pH	15.47 °C	5.08 µS/cm	0.99 mg/L	0.28 NTU	-10.6 mV	110.93 ft	0.00 PSU	160.00 ml/min
2/2/2022 1:58 PM	02:40:39	7.26 pH	15.48 °C	5.12 µS/cm	0.88 mg/L	0.38 NTU	-16.0 mV	111.25 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:02 PM	02:44:39	7.28 pH	15.46 °C	5.14 µS/cm	0.79 mg/L	0.38 NTU	-20.9 mV	111.67 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:06 PM	02:48:39	7.30 pH	15.48 °C	5.16 µS/cm	0.72 mg/L	0.51 NTU	-26.0 mV	112.09 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:10 PM	02:52:39	7.32 pH	15.51 °C	5.14 µS/cm	0.68 mg/L	0.31 NTU	-30.1 mV	112.55 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:14 PM	02:56:39	7.35 pH	15.52 °C	5.15 µS/cm	0.61 mg/L	0.58 NTU	-37.2 mV	112.94 ft	0.00 PSU	160.00 ml/min

2/2/2022 2:18 PM	03:00:39	7.37 pH	15.51 °C	5.16 µS/cm	0.56 mg/L	0.48 NTU	-49.4 mV	113.38 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:22 PM	03:04:39	7.39 pH	15.51 °C	5.18 µS/cm	0.52 mg/L	0.35 NTU	-62.8 mV	113.82 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:26 PM	03:08:39	7.39 pH	15.57 °C	5.19 µS/cm	0.47 mg/L	0.30 NTU	-73.4 mV	114.15 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:30 PM	03:12:39	7.40 pH	15.61 °C	5.21 µS/cm	0.43 mg/L	0.47 NTU	-79.1 mV	114.55 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:34 PM	03:16:39	7.40 pH	15.60 °C	5.23 µS/cm	0.42 mg/L	0.31 NTU	-83.0 mV	114.59 ft	0.00 PSU	160.00 ml/min
2/2/2022 2:38 PM	03:20:39	7.40 pH	15.60 °C	5.22 µS/cm	0.41 mg/L	0.31 NTU	-84.9 mV	114.59 ft	0.00 PSU	160.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 2/2/2022 11:40:52 AM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWA-3A Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 130.27 ft Total Depth: 140.27 ft Initial Depth to Water: 77.24 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 135.27 ft Estimated Total Volume Pumped: 2880 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
---	---	--

Test Notes:

Pre-purged 1 liter.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/2/2022 11:40 AM	00:00	7.70 pH	14.43 °C	208.34 µS/cm	7.09 mg/L	2.30 NTU	105.3 mV	77.25 ft	0.10 PSU	120.00 ml/min
2/2/2022 11:44 AM	04:00	7.79 pH	14.44 °C	203.80 µS/cm	7.05 mg/L	3.01 NTU	76.4 mV	77.25 ft	0.10 PSU	120.00 ml/min
2/2/2022 11:48 AM	08:00	7.85 pH	13.89 °C	202.42 µS/cm	7.06 mg/L	2.44 NTU	66.9 mV	77.25 ft	0.10 PSU	120.00 ml/min
2/2/2022 11:52 AM	12:00	7.87 pH	14.39 °C	206.09 µS/cm	7.21 mg/L	2.23 NTU	60.4 mV	77.25 ft	0.10 PSU	120.00 ml/min
2/2/2022 11:56 AM	16:00	7.90 pH	14.75 °C	204.15 µS/cm	7.10 mg/L	2.32 NTU	55.2 mV	77.25 ft	0.10 PSU	120.00 ml/min
2/2/2022 12:00 PM	20:00	7.93 pH	14.66 °C	204.15 µS/cm	7.09 mg/L	2.34 NTU	50.1 mV	77.25 ft	0.10 PSU	120.00 ml/min
2/2/2022 12:04 PM	24:00	7.94 pH	14.51 °C	203.70 µS/cm	7.06 mg/L	2.39 NTU	47.1 mV	77.25 ft	0.10 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWA-3A	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 1:09:58 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWC-8Z Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 66.4 ft Total Depth: 76.4 ft Initial Depth to Water: 46.68 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 71.4 ft Estimated Total Volume Pumped: 7920 ml Flow Cell Volume: 90 ml Final Flow Rate: 110 ml/min Final Draw Down: 0.37 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
---	---	--

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/2/2022 1:09 PM	00:00	6.88 pH	14.44 °C	86.36 µS/cm	8.16 mg/L	1.56 NTU	33.1 mV	47.04 ft	0.04 PSU	110.00 ml/min
2/2/2022 1:13 PM	04:00	6.80 pH	14.50 °C	85.60 µS/cm	8.16 mg/L	1.45 NTU	33.2 mV	47.04 ft	0.04 PSU	110.00 ml/min
2/2/2022 1:17 PM	08:00	6.76 pH	14.55 °C	85.07 µS/cm	8.17 mg/L	1.45 NTU	34.0 mV	47.04 ft	0.04 PSU	110.00 ml/min
2/2/2022 1:21 PM	12:00	6.73 pH	14.62 °C	84.66 µS/cm	8.17 mg/L	1.06 NTU	34.6 mV	47.04 ft	0.04 PSU	110.00 ml/min
2/2/2022 1:25 PM	16:00	6.71 pH	14.67 °C	85.05 µS/cm	8.17 mg/L	1.13 NTU	35.1 mV	47.04 ft	0.04 PSU	110.00 ml/min
2/2/2022 1:29 PM	20:00	6.70 pH	14.68 °C	86.05 µS/cm	8.19 mg/L	1.32 NTU	35.7 mV	47.04 ft	0.04 PSU	110.00 ml/min
2/2/2022 1:33 PM	24:00	6.71 pH	14.71 °C	89.03 µS/cm	8.19 mg/L	1.44 NTU	36.0 mV	47.04 ft	0.04 PSU	110.00 ml/min
2/2/2022 1:37 PM	28:00	6.73 pH	14.72 °C	94.28 µS/cm	8.19 mg/L	1.37 NTU	36.3 mV	47.04 ft	0.04 PSU	110.00 ml/min
2/2/2022 1:41 PM	32:00	6.75 pH	14.79 °C	100.52 µS/cm	8.17 mg/L	1.49 NTU	36.0 mV	47.04 ft	0.05 PSU	110.00 ml/min
2/2/2022 1:45 PM	36:00	6.80 pH	14.81 °C	107.86 µS/cm	8.17 mg/L	1.52 NTU	35.8 mV	47.05 ft	0.05 PSU	110.00 ml/min
2/2/2022 1:49 PM	40:00	6.85 pH	14.82 °C	115.75 µS/cm	8.21 mg/L	1.49 NTU	36.0 mV	47.05 ft	0.05 PSU	110.00 ml/min
2/2/2022 1:53 PM	44:00	6.91 pH	14.85 °C	123.30 µS/cm	8.22 mg/L	1.32 NTU	34.8 mV	47.05 ft	0.06 PSU	110.00 ml/min
2/2/2022 1:57 PM	48:00	6.96 pH	14.85 °C	129.16 µS/cm	8.26 mg/L	1.22 NTU	34.5 mV	47.05 ft	0.06 PSU	110.00 ml/min
2/2/2022 2:01 PM	52:00	7.01 pH	14.86 °C	134.41 µS/cm	8.31 mg/L	1.14 NTU	34.1 mV	47.05 ft	0.06 PSU	110.00 ml/min
2/2/2022 2:05 PM	56:00	7.05 pH	14.85 °C	138.49 µS/cm	8.31 mg/L	1.28 NTU	33.8 mV	47.05 ft	0.07 PSU	110.00 ml/min

2/2/2022 2:09 PM	01:00:00	7.09 pH	14.86 °C	142.37 µS/cm	8.34 mg/L	1.23 NTU	33.4 mV	47.05 ft	0.07 PSU	110.00 ml/min
2/2/2022 2:13 PM	01:04:00	7.13 pH	14.85 °C	145.53 µS/cm	8.34 mg/L	0.99 NTU	33.1 mV	47.05 ft	0.07 PSU	110.00 ml/min
2/2/2022 2:17 PM	01:08:00	7.16 pH	14.89 °C	147.70 µS/cm	8.35 mg/L	1.16 NTU	32.8 mV	47.05 ft	0.07 PSU	110.00 ml/min
2/2/2022 2:21 PM	01:12:00	7.19 pH	14.90 °C	150.58 µS/cm	8.35 mg/L	0.82 NTU	32.6 mV	47.05 ft	0.07 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-8Z	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 1:18:03 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-6RZ Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 102.8 ft Total Depth: 112.8 ft Initial Depth to Water: 75.64 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 107.8 ft Estimated Total Volume Pumped: 4104 ml Flow Cell Volume: 90 ml Final Flow Rate: 114 ml/min Final Draw Down: 0.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	---	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
2/2/2022 1:18 PM	00:00	6.49 pH	12.92 °C	96.73 µS/cm	8.52 mg/L	2.63 NTU	66.3 mV	75.66 ft	114.00 ml/min
2/2/2022 1:22 PM	04:00	6.47 pH	14.48 °C	97.82 µS/cm	5.50 mg/L	1.66 NTU	63.9 mV	75.66 ft	114.00 ml/min
2/2/2022 1:26 PM	08:00	6.44 pH	14.78 °C	114.74 µS/cm	5.50 mg/L	1.64 NTU	54.0 mV	75.67 ft	114.00 ml/min
2/2/2022 1:30 PM	12:00	6.51 pH	14.79 °C	108.88 µS/cm	6.53 mg/L	4.52 NTU	51.6 mV	75.67 ft	114.00 ml/min
2/2/2022 1:34 PM	16:00	6.62 pH	14.87 °C	105.30 µS/cm	7.11 mg/L	2.99 NTU	48.0 mV	75.67 ft	114.00 ml/min
2/2/2022 1:38 PM	20:00	6.69 pH	14.92 °C	103.79 µS/cm	7.33 mg/L	3.09 NTU	45.6 mV	75.67 ft	114.00 ml/min
2/2/2022 1:42 PM	24:00	6.74 pH	14.99 °C	102.78 µS/cm	7.43 mg/L	2.38 NTU	44.0 mV	75.66 ft	114.00 ml/min
2/2/2022 1:46 PM	28:00	6.76 pH	15.02 °C	102.14 µS/cm	7.51 mg/L	2.22 NTU	43.3 mV	75.66 ft	114.00 ml/min
2/2/2022 1:50 PM	32:00	6.80 pH	15.06 °C	101.33 µS/cm	7.56 mg/L	2.49 NTU	42.0 mV	75.66 ft	114.00 ml/min
2/2/2022 1:54 PM	36:00	6.80 pH	15.05 °C	100.90 µS/cm	7.62 mg/L	2.00 NTU	42.0 mV	75.66 ft	114.00 ml/min

Samples

Sample ID:	Description:
GWC-6RZ	Metals, inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 1:42:51 PM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 67.16 ft Total Depth: 77.16 ft Initial Depth to Water: 40.99 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 72.16 ft Estimated Total Volume Pumped: 10640 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
--	--	--

Test Notes:

Pre-purged 1 liter. 1 hour from stabilization to allow pH to come into range. Did not happen.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/2/2022 1:42 PM	00:00	6.57 pH	15.16 °C	43.21 µS/cm	6.72 mg/L	3.53 NTU	77.3 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 1:46 PM	04:00	5.03 pH	15.02 °C	40.21 µS/cm	6.11 mg/L	3.84 NTU	83.0 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 1:50 PM	08:00	4.84 pH	15.02 °C	40.18 µS/cm	5.83 mg/L	2.94 NTU	82.3 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 1:54 PM	12:00	4.82 pH	15.02 °C	40.17 µS/cm	5.70 mg/L	2.21 NTU	80.8 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 1:58 PM	16:00	4.82 pH	15.02 °C	40.21 µS/cm	5.62 mg/L	1.83 NTU	78.9 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:02 PM	20:00	4.81 pH	15.06 °C	40.19 µS/cm	5.54 mg/L	1.73 NTU	78.7 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:06 PM	24:00	4.81 pH	15.11 °C	40.27 µS/cm	5.52 mg/L	1.65 NTU	78.5 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:10 PM	28:00	4.80 pH	15.06 °C	40.30 µS/cm	5.54 mg/L	1.46 NTU	78.0 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:14 PM	32:00	4.80 pH	15.07 °C	40.29 µS/cm	5.53 mg/L	1.49 NTU	76.5 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:18 PM	36:00	4.80 pH	15.08 °C	40.25 µS/cm	5.52 mg/L	2.83 NTU	77.2 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:22 PM	40:00	4.80 pH	15.11 °C	40.18 µS/cm	5.49 mg/L	1.34 NTU	76.4 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:26 PM	44:00	4.80 pH	15.24 °C	40.18 µS/cm	5.47 mg/L	1.42 NTU	75.1 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:30 PM	48:00	4.80 pH	15.25 °C	40.21 µS/cm	5.47 mg/L	1.27 NTU	76.0 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:34 PM	52:00	4.80 pH	15.25 °C	40.18 µS/cm	5.49 mg/L	1.35 NTU	75.5 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:38 PM	56:00	4.81 pH	15.25 °C	40.12 µS/cm	5.51 mg/L	1.17 NTU	74.1 mV	40.99 ft	0.02 PSU	140.00 ml/min

2/2/2022 2:42 PM	01:00:00	4.81 pH	15.31 °C	40.10 µS/cm	5.48 mg/L	1.29 NTU	75.1 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:46 PM	01:04:00	4.81 pH	15.32 °C	40.05 µS/cm	5.45 mg/L	1.01 NTU	74.7 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:50 PM	01:08:00	4.81 pH	15.32 °C	40.04 µS/cm	5.45 mg/L	0.97 NTU	74.1 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:54 PM	01:12:00	4.81 pH	15.34 °C	40.10 µS/cm	5.45 mg/L	1.11 NTU	73.6 mV	40.99 ft	0.02 PSU	140.00 ml/min
2/2/2022 2:58 PM	01:16:00	4.81 pH	15.29 °C	40.17 µS/cm	5.48 mg/L	0.89 NTU	73.8 mV	40.99 ft	0.02 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-9	Metals, Inorganics, TDS, Alkalinity
DUP-2	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 2:40:42 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 101.37 ft Total Depth: 111.37 ft Initial Depth to Water: 71.93 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 106.37 ft Estimated Total Volume Pumped: 4176 ml Flow Cell Volume: 90 ml Final Flow Rate: 116 ml/min Final Draw Down: 0.25 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	--	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
2/2/2022 2:40 PM	00:00	7.01 pH	13.58 °C	134.84 µS/cm	9.08 mg/L	1.70 NTU	46.9 mV	72.07 ft	116.00 ml/min
2/2/2022 2:44 PM	04:00	6.91 pH	15.01 °C	137.90 µS/cm	6.83 mg/L	1.52 NTU	45.6 mV	72.09 ft	116.00 ml/min
2/2/2022 2:48 PM	08:00	7.04 pH	15.19 °C	137.19 µS/cm	7.30 mg/L	1.77 NTU	45.0 mV	72.11 ft	116.00 ml/min
2/2/2022 2:52 PM	12:00	7.15 pH	15.19 °C	132.76 µS/cm	7.53 mg/L	2.27 NTU	44.8 mV	72.14 ft	116.00 ml/min
2/2/2022 2:56 PM	16:00	7.20 pH	15.20 °C	133.95 µS/cm	7.58 mg/L	2.65 NTU	45.4 mV	72.15 ft	116.00 ml/min
2/2/2022 3:00 PM	20:00	7.26 pH	15.16 °C	135.29 µS/cm	7.61 mg/L	2.58 NTU	45.2 mV	72.16 ft	116.00 ml/min
2/2/2022 3:04 PM	24:00	7.31 pH	15.15 °C	136.11 µS/cm	7.63 mg/L	3.30 NTU	44.7 mV	72.17 ft	116.00 ml/min
2/2/2022 3:08 PM	28:00	7.35 pH	15.15 °C	136.70 µS/cm	7.65 mg/L	4.08 NTU	44.4 mV	72.17 ft	116.00 ml/min
2/2/2022 3:12 PM	32:00	7.38 pH	15.10 °C	135.89 µS/cm	7.64 mg/L	4.70 NTU	44.4 mV	72.18 ft	116.00 ml/min
2/2/2022 3:16 PM	36:00	7.40 pH	15.05 °C	136.47 µS/cm	7.65 mg/L	4.49 NTU	44.2 mV	72.18 ft	116.00 ml/min

Samples

Sample ID:	Description:
GWC-6	Metals, inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 3:09:49 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWC-8RR Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 101.83 ft Total Depth: 111.83 ft Initial Depth to Water: 46.47 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 106.83 ft Estimated Total Volume Pumped: 7040 ml Flow Cell Volume: 90 ml Final Flow Rate: 110 ml/min Final Draw Down: 0.07 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 1 L

pH out of range. Pumped for an hour (additional 45 min. after stabilization) as pH continued to trend upward.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/2/2022 3:09 PM	00:00	7.58 pH	14.85 °C	190.71 µS/cm	6.44 mg/L	2.70 NTU	27.8 mV	46.52 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:13 PM	04:00	7.76 pH	14.87 °C	191.28 µS/cm	7.98 mg/L	3.07 NTU	26.3 mV	46.52 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:17 PM	08:00	7.89 pH	14.86 °C	191.87 µS/cm	8.40 mg/L	2.26 NTU	25.9 mV	46.52 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:21 PM	12:00	7.97 pH	14.85 °C	191.87 µS/cm	8.54 mg/L	2.20 NTU	25.3 mV	46.52 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:25 PM	16:00	8.01 pH	14.85 °C	191.89 µS/cm	8.57 mg/L	2.31 NTU	25.1 mV	46.53 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:29 PM	20:00	8.04 pH	14.83 °C	191.89 µS/cm	8.65 mg/L	1.68 NTU	25.0 mV	46.53 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:33 PM	24:00	8.06 pH	14.82 °C	191.95 µS/cm	8.73 mg/L	1.92 NTU	24.9 mV	46.53 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:37 PM	28:00	8.07 pH	14.82 °C	191.90 µS/cm	8.73 mg/L	1.68 NTU	25.2 mV	46.53 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:41 PM	32:00	8.09 pH	14.81 °C	192.05 µS/cm	8.74 mg/L	1.90 NTU	24.7 mV	46.54 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:45 PM	36:00	8.09 pH	14.81 °C	192.22 µS/cm	8.80 mg/L	0.99 NTU	24.6 mV	46.54 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:49 PM	40:00	8.10 pH	14.82 °C	192.05 µS/cm	8.81 mg/L	1.22 NTU	24.7 mV	46.54 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:53 PM	44:00	8.10 pH	14.81 °C	191.85 µS/cm	8.83 mg/L	1.44 NTU	24.7 mV	46.54 ft	0.09 PSU	110.00 ml/min
2/2/2022 3:57 PM	48:00	8.11 pH	14.79 °C	191.35 µS/cm	8.82 mg/L	1.21 NTU	24.5 mV	46.54 ft	0.09 PSU	110.00 ml/min
2/2/2022 4:01 PM	52:00	8.12 pH	14.76 °C	191.33 µS/cm	8.84 mg/L	1.13 NTU	24.5 mV	46.54 ft	0.09 PSU	110.00 ml/min
2/2/2022 4:05 PM	56:00	8.12 pH	14.76 °C	190.87 µS/cm	8.84 mg/L	0.95 NTU	24.7 mV	46.54 ft	0.09 PSU	110.00 ml/min

2/2/2022 4:09 PM	01:00:00	8.13 pH	14.72 °C	190.88 µS/cm	8.87 mg/L	0.88 NTU	24.7 mV	46.54 ft	0.09 PSU	110.00 ml/min
2/2/2022 4:13 PM	01:04:00	8.13 pH	14.71 °C	190.14 µS/cm	8.86 mg/L	0.61 NTU	24.4 mV	46.54 ft	0.09 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-8RR	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/2/2022 3:31:15 PM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 44.03 ft Total Depth: 54.03 ft Initial Depth to Water: 23.57 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 49.03 ft Estimated Total Volume Pumped: 2400 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: -0.07 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
---	---	--

Test Notes:

Prepurge 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/2/2022 3:31 PM	00:00	6.37 pH	15.55 °C	1.29 µS/cm	0.31 mg/L	6.48 NTU	8.3 mV	23.57 ft	0.00 PSU	120.00 ml/min
2/2/2022 3:35 PM	04:00	6.36 pH	15.58 °C	1.30 µS/cm	0.17 mg/L	4.62 NTU	6.6 mV	23.50 ft	0.00 PSU	120.00 ml/min
2/2/2022 3:39 PM	08:00	6.35 pH	15.63 °C	1.29 µS/cm	0.16 mg/L	4.87 NTU	6.2 mV	23.50 ft	0.00 PSU	120.00 ml/min
2/2/2022 3:43 PM	12:00	6.35 pH	15.60 °C	1.30 µS/cm	0.15 mg/L	4.17 NTU	4.9 mV	23.49 ft	0.00 PSU	120.00 ml/min
2/2/2022 3:47 PM	16:00	6.35 pH	15.57 °C	1.30 µS/cm	0.15 mg/L	3.31 NTU	2.9 mV	23.50 ft	0.00 PSU	120.00 ml/min
2/2/2022 3:51 PM	20:00	6.35 pH	15.55 °C	1.31 µS/cm	0.14 mg/L	2.67 NTU	0.7 mV	23.50 ft	0.00 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-12	Metals, Inorganic, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/3/2022 10:39:36 AM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-13RZ Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 94.3 ft Total Depth: 104.3 ft Initial Depth to Water: 60.81 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 99.3 ft Estimated Total Volume Pumped: 19456 ml Flow Cell Volume: 90 ml Final Flow Rate: 152 ml/min Final Draw Down: 33.21 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	--	--

Test Notes:

Well historically is completely evacuated. Prepurged 3L

Water level dropped below top of screen and performing complete evacuation

Weather Conditions:

Raining

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
2/3/2022 10:39 AM	00:00	7.42 pH	14.86 °C	523.86 µS/cm	1.95 mg/L	2.58 NTU	26.5 mV	62.59 ft	152.00 ml/min
2/3/2022 10:43 AM	04:00	7.51 pH	14.97 °C	504.30 µS/cm	1.35 mg/L	4.46 NTU	25.4 mV	63.45 ft	152.00 ml/min
2/3/2022 10:47 AM	08:00	7.57 pH	15.02 °C	498.16 µS/cm	1.72 mg/L	5.04 NTU	26.4 mV	64.36 ft	152.00 ml/min
2/3/2022 10:51 AM	12:00	7.60 pH	15.06 °C	493.08 µS/cm	1.92 mg/L	2.53 NTU	26.2 mV	65.22 ft	152.00 ml/min
2/3/2022 10:55 AM	16:00	7.62 pH	15.10 °C	488.52 µS/cm	1.99 mg/L	2.14 NTU	26.3 mV	66.25 ft	152.00 ml/min
2/3/2022 10:59 AM	20:00	7.63 pH	15.10 °C	485.05 µS/cm	2.08 mg/L	1.85 NTU	26.1 mV	67.12 ft	152.00 ml/min
2/3/2022 11:03 AM	24:00	7.63 pH	15.16 °C	483.04 µS/cm	2.15 mg/L	1.79 NTU	26.6 mV	68.11 ft	152.00 ml/min
2/3/2022 11:07 AM	28:00	7.64 pH	15.11 °C	481.40 µS/cm	2.22 mg/L	2.03 NTU	26.6 mV	69.12 ft	152.00 ml/min
2/3/2022 11:11 AM	32:00	7.63 pH	15.20 °C	480.76 µS/cm	2.30 mg/L	2.57 NTU	26.7 mV	70.11 ft	152.00 ml/min
2/3/2022 11:15 AM	36:00	7.63 pH	15.23 °C	480.96 µS/cm	2.36 mg/L	2.90 NTU	26.8 mV	71.10 ft	152.00 ml/min
2/3/2022 11:19 AM	40:00	7.62 pH	15.24 °C	480.04 µS/cm	2.46 mg/L	2.69 NTU	26.9 mV	72.03 ft	152.00 ml/min
2/3/2022 11:23 AM	44:00	7.61 pH	15.22 °C	480.05 µS/cm	2.58 mg/L	3.85 NTU	27.3 mV	73.04 ft	152.00 ml/min

2/3/2022 11:27 AM	48:00	7.59 pH	15.24 °C	479.08 µS/cm	2.74 mg/L	3.40 NTU	27.4 mV	74.25 ft	152.00 ml/min
2/3/2022 11:31 AM	52:00	7.58 pH	15.24 °C	477.92 µS/cm	2.98 mg/L	3.17 NTU	27.4 mV	75.38 ft	152.00 ml/min
2/3/2022 11:35 AM	56:00	7.56 pH	15.25 °C	477.95 µS/cm	3.23 mg/L	3.31 NTU	27.8 mV	76.08 ft	152.00 ml/min
2/3/2022 11:39 AM	01:00:00	7.55 pH	15.29 °C	477.52 µS/cm	3.46 mg/L	2.96 NTU	27.7 mV	77.23 ft	152.00 ml/min
2/3/2022 11:43 AM	01:04:00	7.54 pH	15.24 °C	477.42 µS/cm	3.66 mg/L	3.05 NTU	28.4 mV	78.25 ft	152.00 ml/min
2/3/2022 11:47 AM	01:08:00	7.54 pH	15.11 °C	477.66 µS/cm	3.81 mg/L		28.4 mV		152.00 ml/min
2/3/2022 11:51 AM	01:12:00	7.54 pH	15.07 °C	478.17 µS/cm	3.93 mg/L		28.4 mV		152.00 ml/min
2/3/2022 11:55 AM	01:16:00	7.53 pH	15.15 °C	479.53 µS/cm	4.04 mg/L	3.04 NTU	29.0 mV	81.30 ft	152.00 ml/min
2/3/2022 11:59 AM	01:20:00	7.53 pH	15.33 °C	480.15 µS/cm	4.12 mg/L	3.01 NTU	28.7 mV	82.38 ft	152.00 ml/min
2/3/2022 12:03 PM	01:24:00	7.54 pH	15.37 °C	480.55 µS/cm	4.19 mg/L	2.91 NTU	28.6 mV	83.38 ft	152.00 ml/min
2/3/2022 12:07 PM	01:28:00	7.53 pH	15.37 °C	481.88 µS/cm	4.26 mg/L	2.64 NTU	29.2 mV	84.39 ft	152.00 ml/min
2/3/2022 12:11 PM	01:32:00	7.54 pH	15.39 °C	482.16 µS/cm	4.33 mg/L	2.44 NTU	28.9 mV	85.36 ft	152.00 ml/min
2/3/2022 12:15 PM	01:36:00	7.53 pH	15.40 °C	482.12 µS/cm	4.38 mg/L	2.42 NTU	29.6 mV	86.40 ft	152.00 ml/min
2/3/2022 12:19 PM	01:40:00	7.53 pH	15.42 °C	483.85 µS/cm	4.44 mg/L	2.04 NTU	29.4 mV	87.45 ft	152.00 ml/min
2/3/2022 12:23 PM	01:44:00	7.54 pH	15.46 °C	484.17 µS/cm	4.48 mg/L	1.90 NTU	29.3 mV	88.34 ft	152.00 ml/min
2/3/2022 12:27 PM	01:48:00	7.54 pH	15.42 °C	485.10 µS/cm	4.53 mg/L	2.00 NTU	29.9 mV	89.26 ft	152.00 ml/min
2/3/2022 12:31 PM	01:52:00	7.54 pH	15.42 °C	486.16 µS/cm	4.59 mg/L	1.76 NTU	29.6 mV	90.27 ft	152.00 ml/min
2/3/2022 12:35 PM	01:56:00	7.54 pH	15.43 °C	486.56 µS/cm	4.63 mg/L	1.84 NTU	30.0 mV	91.18 ft	152.00 ml/min
2/3/2022 12:39 PM	02:00:00	7.54 pH	15.46 °C	487.21 µS/cm	4.66 mg/L	1.93 NTU	29.9 mV	92.15 ft	152.00 ml/min
2/3/2022 12:43 PM	02:04:00	7.55 pH	15.47 °C	488.11 µS/cm	4.71 mg/L	1.44 NTU	29.9 mV	93.08 ft	152.00 ml/min
2/3/2022 12:47 PM	02:08:00	7.54 pH	15.47 °C	488.71 µS/cm	4.72 mg/L	1.65 NTU	30.4 mV	94.02 ft	152.00 ml/min

Samples

Sample ID:	Description:
-------------------	---------------------

Low-Flow Test Report:

Test Date / Time: 2/4/2022 9:55:31 AM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 61.81 ft Total Depth: 71.81 ft Initial Depth to Water: 33.09 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 66.81 ft Estimated Total Volume Pumped: 12120 ml Flow Cell Volume: 90 ml Final Flow Rate: 190 ml/min Final Draw Down: -0.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 893479
---	--	--

Test Notes:

Prepurge 2.5L

At 10:27AM changed pump rate to 190ml/min to lower turbidity

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/4/2022 9:55 AM	00:00	5.92 pH	13.86 °C	70.52 µS/cm	6.80 mg/L	3.12 NTU	142.2 mV	33.10 ft	0.03 PSU	165.00 ml/min
2/4/2022 9:59 AM	04:00	5.85 pH	13.94 °C	60.76 µS/cm	6.85 mg/L	4.01 NTU	135.0 mV	33.09 ft	0.03 PSU	165.00 ml/min
2/4/2022 10:03 AM	08:00	5.81 pH	13.96 °C	57.45 µS/cm	6.86 mg/L	6.31 NTU	134.0 mV	33.09 ft	0.03 PSU	165.00 ml/min
2/4/2022 10:07 AM	12:00	5.80 pH	13.94 °C	55.36 µS/cm	6.89 mg/L	6.93 NTU	131.1 mV	33.10 ft	0.03 PSU	165.00 ml/min
2/4/2022 10:11 AM	16:00	5.79 pH	14.00 °C	54.79 µS/cm	6.88 mg/L	6.98 NTU	131.9 mV	33.09 ft	0.02 PSU	165.00 ml/min
2/4/2022 10:15 AM	20:00	5.80 pH	14.00 °C	55.29 µS/cm	6.90 mg/L	6.47 NTU	129.9 mV	33.08 ft	0.02 PSU	165.00 ml/min
2/4/2022 10:19 AM	24:00	5.83 pH	14.00 °C	58.05 µS/cm	6.88 mg/L	6.46 NTU	128.0 mV	33.08 ft	0.03 PSU	165.00 ml/min
2/4/2022 10:23 AM	28:00	5.92 pH	13.96 °C	67.18 µS/cm	6.86 mg/L	7.04 NTU	125.6 mV	33.08 ft	0.03 PSU	165.00 ml/min
2/4/2022 10:27 AM	32:00	6.06 pH	14.18 °C	85.50 µS/cm	6.83 mg/L	6.17 NTU	122.2 mV	33.09 ft	0.04 PSU	190.00 ml/min
2/4/2022 10:31 AM	36:00	6.21 pH	14.18 °C	109.69 µS/cm	6.77 mg/L	5.43 NTU	116.8 mV	33.08 ft	0.05 PSU	190.00 ml/min
2/4/2022 10:35 AM	40:00	6.30 pH	14.13 °C	128.86 µS/cm	6.73 mg/L	5.16 NTU	114.6 mV	33.08 ft	0.06 PSU	190.00 ml/min
2/4/2022 10:39 AM	44:00	6.37 pH	14.17 °C	142.18 µS/cm	6.74 mg/L	4.88 NTU	112.3 mV	33.08 ft	0.07 PSU	190.00 ml/min
2/4/2022 10:43 AM	48:00	6.42 pH	14.14 °C	151.47 µS/cm	6.76 mg/L	4.45 NTU	109.4 mV	33.08 ft	0.07 PSU	190.00 ml/min
2/4/2022 10:47 AM	52:00	6.45 pH	14.14 °C	157.43 µS/cm	6.79 mg/L	4.07 NTU	108.9 mV	33.06 ft	0.07 PSU	190.00 ml/min
2/4/2022 10:51 AM	56:00	6.47 pH	14.10 °C	161.56 µS/cm	6.82 mg/L	3.67 NTU	107.7 mV	33.05 ft	0.08 PSU	190.00 ml/min

2/4/2022 10:55 AM	01:00:00	6.50 pH	14.13 °C	165.28 µS/cm	6.86 mg/L	3.49 NTU	107.4 mV	33.05 ft	0.08 PSU	190.00 ml/min
2/4/2022 10:59 AM	01:04:00	6.52 pH	14.14 °C	167.26 µS/cm	6.90 mg/L	3.15 NTU	107.0 mV	33.04 ft	0.08 PSU	190.00 ml/min
2/4/2022 11:03 AM	01:08:00	6.53 pH	14.17 °C	169.23 µS/cm	6.91 mg/L	3.27 NTU	105.5 mV	33.04 ft	0.08 PSU	190.00 ml/min

Samples

Sample ID:	Description:
GWC-10	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/4/2022 10:25:48 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWC-11R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 73.2 ft Total Depth: 83.2 ft Initial Depth to Water: 22.98 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 78.2 ft Estimated Total Volume Pumped: 2080 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/4/2022 10:25 AM	00:00	7.52 pH	14.08 °C	280.44 µS/cm	5.65 mg/L	0.42 NTU	35.6 mV	23.01 ft	0.13 PSU	130.00 ml/min
2/4/2022 10:29 AM	04:00	7.56 pH	14.31 °C	280.66 µS/cm	6.02 mg/L	0.38 NTU	33.6 mV	23.01 ft	0.13 PSU	130.00 ml/min
2/4/2022 10:33 AM	08:00	7.57 pH	14.40 °C	280.86 µS/cm	6.04 mg/L	0.04 NTU	33.5 mV	23.01 ft	0.13 PSU	130.00 ml/min
2/4/2022 10:37 AM	12:00	7.57 pH	14.44 °C	282.33 µS/cm	6.09 mg/L	0.02 NTU	32.0 mV	23.01 ft	0.14 PSU	130.00 ml/min
2/4/2022 10:41 AM	16:00	7.58 pH	14.49 °C	281.79 µS/cm	6.14 mg/L	0.02 NTU	32.6 mV	23.01 ft	0.13 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-11R	Metals, Inorganics, TDS, Alkalinity
DUP-3	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/4/2022 10:41:08 AM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-14Z Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 66.34 ft Total Depth: 76.34 ft Initial Depth to Water: 31.35 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 71.34 ft Estimated Total Volume Pumped: 5280 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 2.4 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	--	--

Test Notes:

Prepurged 1L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
2/4/2022 10:41 AM	00:00	6.86 pH	13.15 °C	154.70 µS/cm	2.91 mg/L	1.32 NTU	45.6 mV	32.20 ft	120.00 ml/min
2/4/2022 10:45 AM	04:00	6.33 pH	13.88 °C	140.17 µS/cm	4.00 mg/L	1.23 NTU	50.0 mV	32.46 ft	120.00 ml/min
2/4/2022 10:49 AM	08:00	5.96 pH	14.05 °C	125.99 µS/cm	4.45 mg/L	1.19 NTU	51.4 mV	32.75 ft	120.00 ml/min
2/4/2022 10:53 AM	12:00	5.78 pH	14.08 °C	120.11 µS/cm	4.60 mg/L	1.36 NTU	52.7 mV	33.00 ft	120.00 ml/min
2/4/2022 10:57 AM	16:00	5.76 pH	14.23 °C	120.02 µS/cm	4.71 mg/L	1.40 NTU	52.2 mV	33.19 ft	120.00 ml/min
2/4/2022 11:01 AM	20:00	5.81 pH	14.11 °C	122.67 µS/cm	4.82 mg/L	1.31 NTU	51.9 mV	33.33 ft	120.00 ml/min
2/4/2022 11:05 AM	24:00	5.85 pH	14.11 °C	126.75 µS/cm	4.87 mg/L	1.34 NTU	52.4 mV	33.46 ft	120.00 ml/min
2/4/2022 11:09 AM	28:00	5.91 pH	14.07 °C	129.96 µS/cm	4.95 mg/L	1.47 NTU	51.8 mV	33.54 ft	120.00 ml/min
2/4/2022 11:13 AM	32:00	5.96 pH	14.14 °C	133.20 µS/cm	4.98 mg/L	1.34 NTU	51.9 mV	33.61 ft	120.00 ml/min
2/4/2022 11:17 AM	36:00	5.99 pH	14.38 °C	136.27 µS/cm	5.02 mg/L	1.31 NTU	51.6 mV	33.66 ft	120.00 ml/min
2/4/2022 11:21 AM	40:00	6.04 pH	14.25 °C	138.61 µS/cm	5.04 mg/L	1.32 NTU	51.7 mV	33.70 ft	120.00 ml/min
2/4/2022 11:25 AM	44:00	6.06 pH	14.21 °C	141.06 µS/cm	5.11 mg/L	1.29 NTU	52.0 mV	33.75 ft	120.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

GWC-14Z

Metals, inorganics, TDS, Alkalinity

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/4/2022 11:14:46 AM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWC-15R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 87.5 ft Total Depth: 97.5 ft Initial Depth to Water: 40.64 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 92.5 ft Estimated Total Volume Pumped: 16240 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
--	---	--

Test Notes:

Pre-purged 2 liters

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/4/2022 11:14 AM	00:00	7.44 pH	13.89 °C	390.23 µS/cm	3.11 mg/L	8.26 NTU	177.3 mV	40.88 ft	0.19 PSU	140.00 ml/min
2/4/2022 11:18 AM	04:00	7.37 pH	14.21 °C	372.88 µS/cm	2.84 mg/L	11.30 NTU	130.9 mV	40.89 ft	0.18 PSU	140.00 ml/min
2/4/2022 11:22 AM	08:00	7.37 pH	14.27 °C	369.35 µS/cm	2.77 mg/L	14.00 NTU	105.9 mV	40.90 ft	0.18 PSU	140.00 ml/min
2/4/2022 11:26 AM	12:00	7.39 pH	14.14 °C	363.39 µS/cm	2.73 mg/L	14.80 NTU	90.6 mV	40.90 ft	0.17 PSU	140.00 ml/min
2/4/2022 11:30 AM	16:00	7.42 pH	14.12 °C	364.79 µS/cm	2.80 mg/L	15.70 NTU	77.5 mV	40.93 ft	0.18 PSU	140.00 ml/min
2/4/2022 11:34 AM	20:00	7.43 pH	14.22 °C	359.81 µS/cm	2.75 mg/L	11.80 NTU	68.0 mV	40.95 ft	0.17 PSU	140.00 ml/min
2/4/2022 11:38 AM	24:00	7.45 pH	14.25 °C	359.59 µS/cm	2.75 mg/L	11.10 NTU	58.3 mV	40.96 ft	0.17 PSU	140.00 ml/min
2/4/2022 11:42 AM	28:00	7.47 pH	14.21 °C	355.03 µS/cm	2.75 mg/L	10.59 NTU	52.3 mV	40.95 ft	0.17 PSU	140.00 ml/min
2/4/2022 11:46 AM	32:00	7.48 pH	14.16 °C	350.19 µS/cm	2.76 mg/L	10.87 NTU	47.6 mV	40.95 ft	0.17 PSU	140.00 ml/min
2/4/2022 11:50 AM	36:00	7.49 pH	14.07 °C	348.47 µS/cm	2.85 mg/L	11.80 NTU	44.1 mV	40.94 ft	0.17 PSU	140.00 ml/min
2/4/2022 11:54 AM	40:00	7.50 pH	14.06 °C	344.24 µS/cm	2.85 mg/L	10.66 NTU	42.1 mV	40.94 ft	0.17 PSU	140.00 ml/min
2/4/2022 11:58 AM	44:00	7.51 pH	14.11 °C	340.34 µS/cm	2.86 mg/L	9.78 NTU	40.7 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:02 PM	48:00	7.51 pH	14.12 °C	338.35 µS/cm	2.85 mg/L	9.08 NTU	39.5 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:06 PM	52:00	7.53 pH	13.98 °C	336.30 µS/cm	2.86 mg/L	9.00 NTU	38.5 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:10 PM	56:00	7.54 pH	14.21 °C	335.35 µS/cm	2.91 mg/L	8.54 NTU	37.4 mV	40.94 ft	0.16 PSU	140.00 ml/min

2/4/2022 12:14 PM	01:00:00	7.55 pH	14.16 °C	334.92 µS/cm	2.92 mg/L	7.96 NTU	36.6 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:18 PM	01:04:00	7.55 pH	14.21 °C	335.16 µS/cm	2.95 mg/L	7.40 NTU	36.3 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:22 PM	01:08:00	7.56 pH	14.04 °C	332.57 µS/cm	2.92 mg/L	7.17 NTU	36.1 mV	40.95 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:26 PM	01:12:00	7.57 pH	14.20 °C	332.38 µS/cm	2.90 mg/L	6.95 NTU	35.5 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:30 PM	01:16:00	7.57 pH	14.21 °C	333.48 µS/cm	2.92 mg/L	6.62 NTU	35.3 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:34 PM	01:20:00	7.57 pH	14.34 °C	332.47 µS/cm	2.93 mg/L	6.70 NTU	35.0 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:38 PM	01:24:00	7.58 pH	14.21 °C	329.68 µS/cm	2.92 mg/L	6.42 NTU	34.7 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:42 PM	01:28:00	7.59 pH	14.31 °C	329.30 µS/cm	2.92 mg/L	6.67 NTU	34.3 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:46 PM	01:32:00	7.59 pH	14.16 °C	328.16 µS/cm	2.91 mg/L	5.90 NTU	33.9 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:50 PM	01:36:00	7.60 pH	14.24 °C	328.01 µS/cm	2.94 mg/L	5.84 NTU	33.8 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:54 PM	01:40:00	7.60 pH	14.12 °C	326.50 µS/cm	2.92 mg/L	5.38 NTU	33.5 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 12:58 PM	01:44:00	7.61 pH	14.14 °C	326.58 µS/cm	2.93 mg/L	5.17 NTU	33.1 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 1:02 PM	01:48:00	7.61 pH	14.21 °C	325.79 µS/cm	2.97 mg/L	4.92 NTU	32.8 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 1:06 PM	01:52:00	7.62 pH	14.18 °C	324.35 µS/cm	2.97 mg/L	4.90 NTU	32.7 mV	40.94 ft	0.16 PSU	140.00 ml/min
2/4/2022 1:10 PM	01:56:00	7.61 pH	14.16 °C	324.65 µS/cm	2.96 mg/L	4.56 NTU	32.6 mV	40.94 ft	0.16 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-15R	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/4/2022 11:22:45 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

<p>Location Name: GWC-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 37.35 ft Total Depth: 47.35 ft Initial Depth to Water: 22.97 ft</p>	<p>Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 42.35 ft Estimated Total Volume Pumped: 9520 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: 0.04 ft</p>	<p>Instrument Used: Aqua TROLL 400 Serial Number: 789301</p>
--	---	---

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/4/2022 11:22 AM	00:00	6.77 pH	14.40 °C	81.36 µS/cm	4.71 mg/L	3.21 NTU	57.1 mV	23.01 ft	0.04 PSU	140.00 ml/min
2/4/2022 11:26 AM	04:00	6.52 pH	14.72 °C	79.43 µS/cm	4.59 mg/L	3.22 NTU	52.1 mV	23.01 ft	0.04 PSU	140.00 ml/min
2/4/2022 11:30 AM	08:00	6.42 pH	14.86 °C	81.98 µS/cm	4.57 mg/L	2.35 NTU	49.7 mV	23.01 ft	0.04 PSU	140.00 ml/min
2/4/2022 11:34 AM	12:00	6.40 pH	14.98 °C	85.43 µS/cm	4.44 mg/L	2.02 NTU	48.8 mV	23.01 ft	0.04 PSU	140.00 ml/min
2/4/2022 11:38 AM	16:00	6.40 pH	15.00 °C	89.18 µS/cm	4.31 mg/L	2.94 NTU	47.8 mV	23.01 ft	0.04 PSU	140.00 ml/min
2/4/2022 11:42 AM	20:00	6.43 pH	15.07 °C	94.98 µS/cm	4.37 mg/L	3.10 NTU	46.8 mV	23.01 ft	0.04 PSU	140.00 ml/min
2/4/2022 11:46 AM	24:00	6.49 pH	15.03 °C	109.02 µS/cm	4.57 mg/L	2.61 NTU	45.3 mV	23.01 ft	0.05 PSU	140.00 ml/min
2/4/2022 11:50 AM	28:00	6.61 pH	15.13 °C	126.16 µS/cm	4.88 mg/L	1.76 NTU	44.0 mV	23.01 ft	0.06 PSU	140.00 ml/min
2/4/2022 11:54 AM	32:00	6.72 pH	15.17 °C	143.08 µS/cm	5.23 mg/L	1.48 NTU	43.2 mV	23.01 ft	0.07 PSU	140.00 ml/min
2/4/2022 11:58 AM	36:00	6.82 pH	15.30 °C	154.06 µS/cm	5.45 mg/L	1.05 NTU	42.0 mV	23.01 ft	0.07 PSU	140.00 ml/min
2/4/2022 12:02 PM	40:00	6.91 pH	15.22 °C	162.12 µS/cm	5.60 mg/L	0.75 NTU	40.9 mV	23.01 ft	0.08 PSU	140.00 ml/min
2/4/2022 12:06 PM	44:00	6.98 pH	15.15 °C	165.24 µS/cm	5.67 mg/L	0.95 NTU	40.4 mV	23.01 ft	0.08 PSU	140.00 ml/min
2/4/2022 12:10 PM	48:00	7.03 pH	15.26 °C	171.90 µS/cm	5.74 mg/L	0.37 NTU	39.4 mV	23.01 ft	0.08 PSU	140.00 ml/min
2/4/2022 12:14 PM	52:00	7.08 pH	15.21 °C	177.20 µS/cm	5.81 mg/L	0.51 NTU	38.4 mV	23.01 ft	0.08 PSU	140.00 ml/min
2/4/2022 12:18 PM	56:00	7.12 pH	15.35 °C	181.94 µS/cm	5.83 mg/L	0.43 NTU	37.6 mV	23.01 ft	0.09 PSU	140.00 ml/min

2/4/2022 12:22 PM	01:00:00	7.15 pH	15.34 °C	184.49 µS/cm	5.84 mg/L	0.27 NTU	36.7 mV	23.01 ft	0.09 PSU	140.00 ml/min
2/4/2022 12:26 PM	01:04:00	7.17 pH	15.32 °C	188.34 µS/cm	5.84 mg/L	0.11 NTU	36.0 mV	23.01 ft	0.09 PSU	140.00 ml/min
2/4/2022 12:30 PM	01:08:00	7.20 pH	15.35 °C	191.67 µS/cm	5.90 mg/L	0.13 NTU	35.2 mV	23.01 ft	0.09 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-11	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/4/2022 11:57:43 AM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-10R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 90.2 ft Total Depth: 100.2 ft Initial Depth to Water: 33.06 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 95.2 ft Estimated Total Volume Pumped: 6840 ml Flow Cell Volume: 90 ml Final Flow Rate: 190 ml/min Final Draw Down: -0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 893479
---	--	--

Test Notes:

Prepurge 3L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/4/2022 11:57 AM	00:00	7.57 pH	13.83 °C	295.48 µS/cm	2.08 mg/L	1.48 NTU	3.9 mV	33.06 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:01 PM	04:00	7.60 pH	13.87 °C	298.08 µS/cm	3.16 mg/L	0.76 NTU	14.5 mV	33.06 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:05 PM	08:00	7.63 pH	13.87 °C	296.27 µS/cm	3.83 mg/L	0.49 NTU	18.6 mV	33.05 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:09 PM	12:00	7.64 pH	13.98 °C	295.22 µS/cm	4.45 mg/L	0.54 NTU	22.6 mV	33.04 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:13 PM	16:00	7.66 pH	13.98 °C	293.29 µS/cm	4.91 mg/L	0.29 NTU	25.5 mV	33.04 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:17 PM	20:00	7.67 pH	14.05 °C	291.62 µS/cm	5.29 mg/L	0.32 NTU	28.0 mV	33.05 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:21 PM	24:00	7.68 pH	14.06 °C	290.15 µS/cm	5.57 mg/L	0.22 NTU	30.0 mV	33.04 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:25 PM	28:00	7.68 pH	14.04 °C	288.32 µS/cm	5.82 mg/L	0.20 NTU	32.1 mV	33.04 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:29 PM	32:00	7.69 pH	14.00 °C	287.05 µS/cm	6.06 mg/L	0.17 NTU	34.0 mV	33.04 ft	0.14 PSU	190.00 ml/min
2/4/2022 12:33 PM	36:00	7.69 pH	14.09 °C	286.00 µS/cm	6.18 mg/L	0.32 NTU	35.3 mV	33.03 ft	0.14 PSU	190.00 ml/min

Samples

Sample ID:	Description:
GWC-10R	Metals, Inorganic, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/7/2022 9:42:26 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWC-15Z Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 64.9 ft Total Depth: 74.9 ft Initial Depth to Water: 39.19 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 69.9 ft Estimated Total Volume Pumped: 3360 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.58 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/7/2022 9:42 AM	00:00	7.52 pH	14.94 °C	218.39 µS/cm	7.55 mg/L	0.48 NTU	59.7 mV	39.70 ft	0.10 PSU	120.00 ml/min
2/7/2022 9:46 AM	04:00	7.64 pH	15.34 °C	217.20 µS/cm	7.52 mg/L	0.16 NTU	42.5 mV	39.71 ft	0.10 PSU	120.00 ml/min
2/7/2022 9:50 AM	08:00	7.71 pH	15.47 °C	217.74 µS/cm	7.49 mg/L	0.14 NTU	38.7 mV	39.71 ft	0.10 PSU	120.00 ml/min
2/7/2022 9:54 AM	12:00	7.75 pH	15.68 °C	218.70 µS/cm	7.49 mg/L	0.15 NTU	35.6 mV	39.75 ft	0.10 PSU	120.00 ml/min
2/7/2022 9:58 AM	16:00	7.78 pH	15.58 °C	219.98 µS/cm	7.48 mg/L	0.49 NTU	34.3 mV	39.77 ft	0.10 PSU	120.00 ml/min
2/7/2022 10:02 AM	20:00	7.80 pH	15.57 °C	220.26 µS/cm	7.44 mg/L	0.90 NTU	33.0 mV	39.77 ft	0.10 PSU	120.00 ml/min
2/7/2022 10:06 AM	24:00	7.81 pH	15.60 °C	221.42 µS/cm	7.43 mg/L	1.14 NTU	31.5 mV	39.77 ft	0.11 PSU	120.00 ml/min
2/7/2022 10:10 AM	28:00	7.83 pH	15.55 °C	221.96 µS/cm	7.41 mg/L	1.07 NTU	30.2 mV	39.77 ft	0.11 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-15Z	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/17/2022 11:06:51 AM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWC-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 74.8 ft Total Depth: 84.8 ft Initial Depth to Water: 31.3 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 79.8 ft Estimated Total Volume Pumped: 13320 ml Flow Cell Volume: 90 ml Final Flow Rate: 110 ml/min Final Draw Down: 0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
--	--	--

Test Notes:

Pre-purged 7 liters.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/17/2022 11:06 AM	00:00	7.19 pH	17.49 °C	234.84 µS/cm	4.73 mg/L	18.40 NTU	126.2 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:10 AM	04:00	7.20 pH	17.42 °C	233.64 µS/cm	4.67 mg/L	17.60 NTU	105.4 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:14 AM	08:00	7.20 pH	17.44 °C	233.59 µS/cm	4.68 mg/L	15.90 NTU	91.6 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:18 AM	12:00	7.21 pH	17.45 °C	233.76 µS/cm	4.59 mg/L	15.00 NTU	77.1 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:22 AM	16:00	7.21 pH	17.40 °C	234.42 µS/cm	4.58 mg/L	13.50 NTU	65.4 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:26 AM	20:00	7.21 pH	17.32 °C	234.05 µS/cm	4.54 mg/L	12.20 NTU	56.1 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:30 AM	24:00	7.21 pH	17.36 °C	234.94 µS/cm	4.51 mg/L	12.00 NTU	50.1 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:34 AM	28:00	7.21 pH	17.44 °C	235.06 µS/cm	4.48 mg/L	10.15 NTU	45.9 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:38 AM	32:00	7.21 pH	17.31 °C	235.23 µS/cm	4.44 mg/L	10.21 NTU	42.8 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:42 AM	36:00	7.21 pH	17.26 °C	235.13 µS/cm	4.42 mg/L	9.45 NTU	41.2 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:46 AM	40:00	7.22 pH	17.09 °C	235.25 µS/cm	4.42 mg/L	8.59 NTU	39.6 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:50 AM	44:00	7.22 pH	16.88 °C	236.05 µS/cm	4.40 mg/L	9.03 NTU	38.0 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:54 AM	48:00	7.22 pH	16.86 °C	236.54 µS/cm	4.39 mg/L	8.39 NTU	37.4 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 11:58 AM	52:00	7.22 pH	16.91 °C	237.00 µS/cm	4.36 mg/L	8.45 NTU	36.4 mV	31.31 ft	0.11 PSU	120.00 ml/min
2/17/2022 12:02 PM	56:00	7.22 pH	16.93 °C	237.56 µS/cm	4.36 mg/L	8.10 NTU	36.2 mV	31.31 ft	0.11 PSU	110.00 ml/min

2/17/2022 12:06 PM	01:00:00	7.22 pH	17.00 °C	237.60 µS/cm	4.35 mg/L	7.58 NTU	35.6 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:10 PM	01:04:00	7.23 pH	16.98 °C	236.71 µS/cm	4.30 mg/L	7.22 NTU	34.6 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:14 PM	01:08:00	7.22 pH	16.91 °C	235.83 µS/cm	4.31 mg/L	7.01 NTU	34.9 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:18 PM	01:12:00	7.23 pH	16.95 °C	234.61 µS/cm	4.32 mg/L	6.71 NTU	33.9 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:22 PM	01:16:00	7.23 pH	16.99 °C	233.65 µS/cm	4.28 mg/L	6.55 NTU	34.2 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:26 PM	01:20:00	7.23 pH	17.08 °C	233.59 µS/cm	4.28 mg/L	6.31 NTU	33.9 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:30 PM	01:24:00	7.22 pH	17.02 °C	233.17 µS/cm	4.25 mg/L	5.88 NTU	33.4 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:34 PM	01:28:00	7.23 pH	17.00 °C	233.45 µS/cm	4.25 mg/L	5.84 NTU	33.2 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:38 PM	01:32:00	7.23 pH	17.00 °C	232.68 µS/cm	4.22 mg/L	5.75 NTU	33.1 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:42 PM	01:36:00	7.24 pH	17.00 °C	232.70 µS/cm	4.21 mg/L	5.53 NTU	32.7 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:46 PM	01:40:00	7.24 pH	16.99 °C	232.75 µS/cm	4.21 mg/L	5.26 NTU	32.7 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:50 PM	01:44:00	7.24 pH	16.87 °C	233.51 µS/cm	4.21 mg/L	5.19 NTU	32.6 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:54 PM	01:48:00	7.24 pH	16.91 °C	233.56 µS/cm	4.20 mg/L	4.93 NTU	32.1 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 12:58 PM	01:52:00	7.24 pH	16.96 °C	233.15 µS/cm	4.16 mg/L	4.86 NTU	32.1 mV	31.31 ft	0.11 PSU	110.00 ml/min
2/17/2022 1:02 PM	01:56:00	7.24 pH	16.96 °C	233.66 µS/cm	4.16 mg/L	4.72 NTU	31.7 mV	31.31 ft	0.11 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-13	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/25/2022 10:44:22 AM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWA-51RZ Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 84.23 ft Total Depth: 94.23 ft Initial Depth to Water: 55.49 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 89.23 ft Estimated Total Volume Pumped: 21786.1 ml Flow Cell Volume: 90 ml Final Flow Rate: 110 ml/min Final Draw Down: 29.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
---	---	--

Test Notes:

Prepurged 1L

Performing complete evacuation

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/25/2022 10:44 AM	00:00	7.35 pH	16.82 °C	423.60 µS/cm	1.61 mg/L	0.46 NTU	-13.7 mV	56.86 ft	114.00 ml/min
1/25/2022 10:48 AM	04:00	7.31 pH	17.08 °C	421.06 µS/cm	0.82 mg/L	0.40 NTU	-18.0 mV	57.41 ft	114.00 ml/min
1/25/2022 10:52 AM	08:00	7.38 pH	17.30 °C	418.38 µS/cm	0.56 mg/L	0.48 NTU	-16.6 mV	58.07 ft	114.00 ml/min
1/25/2022 10:56 AM	12:00	7.45 pH	17.17 °C	413.11 µS/cm	0.83 mg/L	0.41 NTU	-15.4 mV	58.72 ft	114.00 ml/min
1/25/2022 10:57 AM	12:39	7.46 pH	17.19 °C	411.59 µS/cm	0.96 mg/L		-13.2 mV		114.00 ml/min
1/25/2022 11:01 AM	16:39	7.49 pH	17.52 °C	400.83 µS/cm	2.45 mg/L	0.24 NTU	-15.7 mV	59.43 ft	114.00 ml/min
1/25/2022 11:05 AM	20:39	7.52 pH	17.61 °C	394.77 µS/cm	3.87 mg/L	0.30 NTU	-16.2 mV	60.08 ft	114.00 ml/min
1/25/2022 11:09 AM	24:39	7.55 pH	17.53 °C	391.70 µS/cm	4.61 mg/L	1.70 NTU	-15.9 mV	60.79 ft	114.00 ml/min
1/25/2022 11:13 AM	28:39	7.57 pH	17.44 °C	389.89 µS/cm	4.99 mg/L	0.56 NTU	-13.9 mV	61.28 ft	114.00 ml/min
1/25/2022 11:17 AM	32:39	7.56 pH	17.21 °C	389.31 µS/cm	5.23 mg/L	0.41 NTU	-13.5 mV	61.91 ft	114.00 ml/min
1/25/2022 11:21 AM	36:39	7.57 pH	17.70 °C	385.79 µS/cm	5.19 mg/L	0.32 NTU	-12.9 mV	62.48 ft	114.00 ml/min
1/25/2022 11:25 AM	40:39	7.56 pH	17.88 °C	383.36 µS/cm	5.22 mg/L	0.43 NTU	-12.7 mV	63.06 ft	114.00 ml/min
1/25/2022 11:29 AM	44:39	7.57 pH	17.39 °C	378.89 µS/cm	5.25 mg/L	0.44 NTU	-11.6 mV	63.70 ft	114.00 ml/min
1/25/2022 11:33 AM	48:39	7.56 pH	16.82 °C	377.61 µS/cm	5.71 mg/L	0.35 NTU	-11.1 mV	64.30 ft	114.00 ml/min

1/25/2022 11:37 AM	52:39	7.55 pH	16.59 °C	375.54 µS/cm	5.50 mg/L	0.40 NTU	-10.3 mV	64.88 ft	114.00 ml/min
1/25/2022 11:41 AM	56:39	7.54 pH	16.45 °C	373.78 µS/cm	5.40 mg/L	0.34 NTU	-9.7 mV	65.45 ft	114.00 ml/min
1/25/2022 11:45 AM	01:00:39	7.53 pH	16.54 °C	373.81 µS/cm	5.34 mg/L	0.45 NTU	-9.6 mV	66.07 ft	114.00 ml/min
1/25/2022 11:49 AM	01:04:39	7.53 pH	16.47 °C	373.64 µS/cm	5.31 mg/L	0.34 NTU	-9.6 mV	66.68 ft	114.00 ml/min
1/25/2022 11:53 AM	01:08:39	7.53 pH	16.58 °C	372.68 µS/cm	5.29 mg/L	0.33 NTU	-9.6 mV	67.34 ft	114.00 ml/min
1/25/2022 11:57 AM	01:12:39	7.53 pH	16.63 °C	371.84 µS/cm	5.27 mg/L	0.40 NTU	-9.2 mV	67.93 ft	114.00 ml/min
1/25/2022 12:01 PM	01:16:39	7.54 pH	16.52 °C	371.28 µS/cm	5.27 mg/L	0.34 NTU	-9.1 mV	68.48 ft	114.00 ml/min
1/25/2022 12:05 PM	01:20:39	7.53 pH	16.59 °C	371.46 µS/cm	5.26 mg/L	0.38 NTU	-9.0 mV	69.12 ft	114.00 ml/min
1/25/2022 12:09 PM	01:24:39	7.53 pH	16.54 °C	371.32 µS/cm	5.25 mg/L	0.39 NTU	-8.6 mV	69.72 ft	114.00 ml/min
1/25/2022 12:13 PM	01:28:39	7.53 pH	16.63 °C	370.60 µS/cm	5.23 mg/L	0.37 NTU	-8.7 mV	70.36 ft	114.00 ml/min
1/25/2022 12:17 PM	01:32:39	7.53 pH	16.90 °C	371.57 µS/cm	5.22 mg/L	0.41 NTU	-9.2 mV	70.92 ft	114.00 ml/min
1/25/2022 12:21 PM	01:36:39	7.53 pH	16.76 °C	370.98 µS/cm	5.21 mg/L	0.37 NTU	-8.5 mV	71.52 ft	114.00 ml/min
1/25/2022 12:25 PM	01:40:39	7.54 pH	16.99 °C	369.91 µS/cm	5.22 mg/L	0.33 NTU	-8.5 mV	72.15 ft	114.00 ml/min
1/25/2022 12:29 PM	01:44:39	7.54 pH	17.30 °C	368.40 µS/cm	5.16 mg/L	0.35 NTU	-8.6 mV	72.77 ft	114.00 ml/min
1/25/2022 12:33 PM	01:48:39	7.54 pH	17.17 °C	367.99 µS/cm	5.15 mg/L	0.37 NTU	-8.0 mV	73.35 ft	114.00 ml/min
1/25/2022 12:37 PM	01:52:39	7.54 pH	17.15 °C	370.09 µS/cm	5.21 mg/L	0.38 NTU	-8.4 mV	73.94 ft	114.00 ml/min
1/25/2022 12:41 PM	01:56:39	7.53 pH	17.30 °C	368.84 µS/cm	5.16 mg/L	0.45 NTU	-8.0 mV	74.37 ft	114.00 ml/min
1/25/2022 12:45 PM	02:00:39	7.54 pH	17.35 °C	369.08 µS/cm	5.15 mg/L	0.38 NTU	-8.1 mV	75.11 ft	114.00 ml/min
1/25/2022 12:49 PM	02:04:39	7.54 pH	17.40 °C	370.64 µS/cm	5.30 mg/L	0.37 NTU	-8.0 mV	75.68 ft	114.00 ml/min
1/25/2022 12:53 PM	02:08:39	7.54 pH	17.39 °C	370.54 µS/cm	5.28 mg/L	0.33 NTU	-7.8 mV	76.23 ft	114.00 ml/min
1/25/2022 12:57 PM	02:12:39	7.54 pH	17.44 °C	371.08 µS/cm	5.30 mg/L	0.40 NTU	-7.7 mV	76.72 ft	114.00 ml/min
1/25/2022 1:01 PM	02:16:39	7.53 pH	17.64 °C	371.82 µS/cm	5.29 mg/L	0.37 NTU	-7.4 mV	77.28 ft	114.00 ml/min
1/25/2022 1:05 PM	02:20:39	7.54 pH	17.53 °C	372.03 µS/cm	5.29 mg/L	0.44 NTU	-7.1 mV	77.77 ft	114.00 ml/min
1/25/2022 1:09 PM	02:24:39	7.54 pH	17.08 °C	373.09 µS/cm	5.35 mg/L	0.35 NTU	-7.0 mV	78.31 ft	114.00 ml/min
1/25/2022 1:13 PM	02:28:39	7.55 pH	17.07 °C	373.39 µS/cm	5.35 mg/L	0.37 NTU	-6.5 mV	78.82 ft	110.00 ml/min
1/25/2022 1:17 PM	02:32:39	7.56 pH	16.59 °C	372.82 µS/cm	5.35 mg/L	0.34 NTU	-6.1 mV	79.32 ft	110.00 ml/min
1/25/2022 1:21 PM	02:36:39	7.56 pH	16.40 °C	374.27 µS/cm	5.39 mg/L	0.34 NTU	-6.0 mV	79.84 ft	110.00 ml/min
1/25/2022 1:25 PM	02:40:39	7.56 pH	16.34 °C	374.49 µS/cm	5.37 mg/L	0.78 NTU	-5.7 mV	80.34 ft	110.00 ml/min
1/25/2022 1:29 PM	02:44:39	7.56 pH	16.27 °C	374.55 µS/cm	5.37 mg/L	0.35 NTU	-5.2 mV	80.87 ft	110.00 ml/min

1/25/2022 1:33 PM	02:48:39	7.56 pH	16.16 °C	374.69 µS/cm	5.37 mg/L	0.36 NTU	-5.1 mV	81.43 ft	110.00 ml/min
1/25/2022 1:37 PM	02:52:39	7.57 pH	16.08 °C	375.38 µS/cm	5.36 mg/L	0.37 NTU	-5.0 mV	81.97 ft	110.00 ml/min
1/25/2022 1:41 PM	02:56:39	7.57 pH	16.09 °C	375.70 µS/cm	5.35 mg/L	0.30 NTU	-4.9 mV	82.50 ft	110.00 ml/min
1/25/2022 1:45 PM	03:00:39	7.57 pH	16.40 °C	375.14 µS/cm	5.29 mg/L	0.35 NTU	-5.0 mV	83.05 ft	110.00 ml/min
1/25/2022 1:49 PM	03:04:39	7.57 pH	16.27 °C	375.44 µS/cm	5.31 mg/L	0.58 NTU	-4.9 mV	83.57 ft	110.00 ml/min
1/25/2022 1:53 PM	03:08:39	7.57 pH	16.45 °C	376.06 µS/cm	5.31 mg/L	0.40 NTU	-4.7 mV	84.11 ft	110.00 ml/min
1/25/2022 1:57 PM	03:12:39	7.57 pH	16.58 °C	375.91 µS/cm	5.28 mg/L	0.33 NTU	-4.6 mV	84.51 ft	110.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 1/25/2022 11:45:26 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-36 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 71.77 ft Total Depth: 81.77 ft Initial Depth to Water: 31.87 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 76.77 ft Estimated Total Volume Pumped: 18180 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.11 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
---	---	--

Test Notes:

Prepurged 2 L

At 24:00, lowered pump rate to 105 mL/min and at 44:00 raised pump rate to 120 mL/min to stabilize turb. Turb did not stabilize.

Will continue pumping 1/26.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/25/2022 11:45 AM	00:00	6.97 pH	17.03 °C	181.33 µS/cm	6.63 mg/L	10.30 NTU	103.1 mV	31.88 ft	0.09 PSU	130.00 ml/min
1/25/2022 11:49 AM	04:00	6.97 pH	16.96 °C	184.57 µS/cm	6.71 mg/L	10.85 NTU	102.6 mV	31.88 ft	0.09 PSU	130.00 ml/min
1/25/2022 11:53 AM	08:00	6.98 pH	17.01 °C	185.00 µS/cm	6.69 mg/L	11.30 NTU	102.9 mV	31.88 ft	0.09 PSU	130.00 ml/min
1/25/2022 11:57 AM	12:00	6.97 pH	16.87 °C	185.15 µS/cm	6.74 mg/L	11.30 NTU	105.6 mV	31.88 ft	0.09 PSU	130.00 ml/min
1/25/2022 12:01 PM	16:00	6.98 pH	16.83 °C	185.01 µS/cm	6.77 mg/L	11.50 NTU	104.7 mV	31.88 ft	0.09 PSU	130.00 ml/min
1/25/2022 12:05 PM	20:00	6.98 pH	16.96 °C	185.59 µS/cm	6.76 mg/L	12.50 NTU	105.0 mV	31.88 ft	0.09 PSU	130.00 ml/min
1/25/2022 12:09 PM	24:00	6.99 pH	16.87 °C	185.62 µS/cm	6.73 mg/L	14.00 NTU	105.0 mV	31.87 ft	0.09 PSU	105.00 ml/min
1/25/2022 12:13 PM	28:00	6.99 pH	16.85 °C	185.46 µS/cm	6.73 mg/L	18.90 NTU	105.6 mV	31.87 ft	0.09 PSU	105.00 ml/min
1/25/2022 12:17 PM	32:00	6.97 pH	16.97 °C	186.23 µS/cm	6.70 mg/L	24.40 NTU	105.7 mV	31.87 ft	0.09 PSU	105.00 ml/min
1/25/2022 12:21 PM	36:00	6.98 pH	17.23 °C	187.25 µS/cm	6.61 mg/L	25.60 NTU	104.6 mV	31.87 ft	0.09 PSU	105.00 ml/min
1/25/2022 12:25 PM	40:00	6.98 pH	17.18 °C	188.29 µS/cm	6.59 mg/L	25.70 NTU	110.1 mV	31.87 ft	0.09 PSU	105.00 ml/min
1/25/2022 12:29 PM	44:00	6.98 pH	17.41 °C	192.93 µS/cm	6.57 mg/L	25.80 NTU	104.8 mV	31.88 ft	0.09 PSU	120.00 ml/min
1/25/2022 12:33 PM	48:00	6.97 pH	17.30 °C	198.28 µS/cm	6.43 mg/L	25.70 NTU	104.8 mV	31.88 ft	0.09 PSU	120.00 ml/min
1/25/2022 12:37 PM	52:00	6.97 pH	17.20 °C	209.94 µS/cm	6.34 mg/L	26.70 NTU	104.8 mV	31.88 ft	0.10 PSU	120.00 ml/min

1/25/2022 12:41 PM	56:00	6.98 pH	17.54 °C	220.15 µS/cm	6.08 mg/L	28.10 NTU	103.9 mV	31.88 ft	0.11 PSU	120.00 ml/min
1/25/2022 12:45 PM	01:00:00	6.98 pH	17.54 °C	227.19 µS/cm	5.90 mg/L	27.70 NTU	104.1 mV	31.88 ft	0.11 PSU	120.00 ml/min
1/25/2022 12:49 PM	01:04:00	6.99 pH	17.23 °C	232.87 µS/cm	5.84 mg/L	28.70 NTU	104.4 mV	31.88 ft	0.11 PSU	120.00 ml/min
1/25/2022 12:53 PM	01:08:00	6.99 pH	17.44 °C	235.87 µS/cm	5.69 mg/L	29.50 NTU	104.4 mV	31.88 ft	0.11 PSU	120.00 ml/min
1/25/2022 12:57 PM	01:12:00	7.00 pH	17.27 °C	240.08 µS/cm	5.67 mg/L	29.60 NTU	104.6 mV	31.90 ft	0.11 PSU	120.00 ml/min
1/25/2022 1:01 PM	01:16:00	6.99 pH	17.28 °C	244.22 µS/cm	5.60 mg/L	29.50 NTU	105.1 mV	31.90 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:05 PM	01:20:00	7.00 pH	17.22 °C	247.00 µS/cm	5.50 mg/L	28.30 NTU	105.1 mV	31.90 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:09 PM	01:24:00	7.00 pH	17.11 °C	249.39 µS/cm	5.49 mg/L	24.40 NTU	105.3 mV	31.91 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:13 PM	01:28:00	7.00 pH	17.00 °C	251.22 µS/cm	5.45 mg/L	25.40 NTU	105.2 mV	31.91 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:17 PM	01:32:00	7.01 pH	16.74 °C	253.42 µS/cm	5.43 mg/L	23.70 NTU	105.1 mV	31.92 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:21 PM	01:36:00	7.01 pH	16.61 °C	254.52 µS/cm	5.43 mg/L	22.90 NTU	105.4 mV	31.92 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:25 PM	01:40:00	7.01 pH	16.58 °C	255.36 µS/cm	5.44 mg/L	22.00 NTU	105.4 mV	31.93 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:29 PM	01:44:00	7.02 pH	16.50 °C	256.86 µS/cm	5.45 mg/L	22.50 NTU	105.4 mV	31.93 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:33 PM	01:48:00	7.01 pH	16.56 °C	260.20 µS/cm	5.40 mg/L	21.80 NTU	105.7 mV	31.94 ft	0.12 PSU	120.00 ml/min
1/25/2022 1:37 PM	01:52:00	7.01 pH	16.65 °C	263.29 µS/cm	5.31 mg/L	20.50 NTU	105.7 mV	31.94 ft	0.13 PSU	120.00 ml/min
1/25/2022 1:41 PM	01:56:00	7.01 pH	16.74 °C	266.09 µS/cm	5.27 mg/L	21.50 NTU	105.6 mV	31.94 ft	0.13 PSU	120.00 ml/min
1/25/2022 1:45 PM	02:00:00	7.02 pH	16.88 °C	267.65 µS/cm	5.21 mg/L	21.20 NTU	105.4 mV	31.94 ft	0.13 PSU	120.00 ml/min
1/25/2022 1:49 PM	02:04:00	7.02 pH	16.83 °C	269.11 µS/cm	5.21 mg/L	20.90 NTU	105.4 mV	31.94 ft	0.13 PSU	120.00 ml/min
1/25/2022 1:53 PM	02:08:00	7.02 pH	16.88 °C	270.19 µS/cm	5.18 mg/L	20.40 NTU	105.4 mV	31.95 ft	0.13 PSU	120.00 ml/min
1/25/2022 1:57 PM	02:12:00	7.02 pH	16.90 °C	271.43 µS/cm	5.15 mg/L	21.30 NTU	105.5 mV	31.96 ft	0.13 PSU	120.00 ml/min
1/25/2022 2:01 PM	02:16:00	7.02 pH	16.92 °C	272.44 µS/cm	5.12 mg/L	21.00 NTU	105.5 mV	31.96 ft	0.13 PSU	120.00 ml/min
1/25/2022 2:05 PM	02:20:00	7.02 pH	16.92 °C	272.92 µS/cm	5.10 mg/L	21.60 NTU	105.7 mV	31.96 ft	0.13 PSU	120.00 ml/min
1/25/2022 2:09 PM	02:24:00	7.02 pH	17.01 °C	273.44 µS/cm	5.09 mg/L	23.70 NTU	105.6 mV	31.97 ft	0.13 PSU	120.00 ml/min
1/25/2022 2:13 PM	02:28:00	7.03 pH	17.01 °C	273.84 µS/cm	5.06 mg/L	23.90 NTU	105.4 mV	31.97 ft	0.13 PSU	120.00 ml/min
1/25/2022 2:17 PM	02:32:00	7.03 pH	17.08 °C	273.36 µS/cm	5.05 mg/L	25.40 NTU	105.5 mV	31.98 ft	0.13 PSU	120.00 ml/min

Samples

Sample ID:	Description:
-------------------	---------------------

Low-Flow Test Report:

Test Date / Time: 1/25/2022 1:20:09 PM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWA-38 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 59.35 ft Total Depth: 69.35 ft Initial Depth to Water: 50.68 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 64.35 ft Estimated Total Volume Pumped: 3080 ml Flow Cell Volume: 90 ml Final Flow Rate: 110 ml/min Final Draw Down: 1.4 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
---	---	--

Test Notes:

Pre-purged 2 liters

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/25/2022 1:20 PM	00:00	6.25 pH	16.32 °C	48.27 µS/cm	7.56 mg/L	0.38 NTU	131.1 mV	51.70 ft	0.02 PSU	110.00 ml/min
1/25/2022 1:24 PM	04:00	5.14 pH	17.12 °C	36.88 µS/cm	7.31 mg/L	0.21 NTU	99.3 mV	51.76 ft	0.02 PSU	110.00 ml/min
1/25/2022 1:28 PM	08:00	5.14 pH	17.07 °C	34.94 µS/cm	7.27 mg/L	0.18 NTU	85.6 mV	51.83 ft	0.02 PSU	110.00 ml/min
1/25/2022 1:32 PM	12:00	5.13 pH	17.17 °C	33.90 µS/cm	7.24 mg/L	0.29 NTU	77.0 mV	51.91 ft	0.01 PSU	110.00 ml/min
1/25/2022 1:36 PM	16:00	5.13 pH	17.13 °C	33.24 µS/cm	7.20 mg/L	0.11 NTU	71.7 mV	51.94 ft	0.01 PSU	110.00 ml/min
1/25/2022 1:40 PM	20:00	5.14 pH	17.08 °C	33.14 µS/cm	7.17 mg/L	0.17 NTU	69.3 mV	51.99 ft	0.01 PSU	110.00 ml/min
1/25/2022 1:44 PM	24:00	5.14 pH	17.56 °C	32.97 µS/cm	7.10 mg/L	0.31 NTU	67.0 mV	52.05 ft	0.01 PSU	110.00 ml/min
1/25/2022 1:48 PM	28:00	5.14 pH	17.37 °C	32.82 µS/cm	7.11 mg/L	0.17 NTU	65.4 mV	52.08 ft	0.01 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWA-38	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/25/2022 2:57:57 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-36RA Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 100.28 ft Total Depth: 110.28 ft Initial Depth to Water: 32.68 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 105.28 ft Estimated Total Volume Pumped: 9600 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.19 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
---	---	--

Test Notes:

Prepurged 1L

Turb did not stabilize. Will return on 1/26.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/25/2022 2:57 PM	00:00	7.36 pH	17.50 °C	386.20 µS/cm	1.45 mg/L	28.20 NTU	92.1 mV	32.70 ft	0.19 PSU	120.00 ml/min
1/25/2022 3:01 PM	04:00	7.37 pH	17.36 °C	386.30 µS/cm	1.61 mg/L	38.20 NTU	93.8 mV	32.70 ft	0.19 PSU	120.00 ml/min
1/25/2022 3:05 PM	08:00	7.36 pH	17.19 °C	386.28 µS/cm	1.76 mg/L	41.00 NTU	95.0 mV	32.75 ft	0.19 PSU	120.00 ml/min
1/25/2022 3:09 PM	12:00	7.35 pH	17.23 °C	383.78 µS/cm	1.93 mg/L	42.70 NTU	95.4 mV	32.75 ft	0.19 PSU	120.00 ml/min
1/25/2022 3:13 PM	16:00	7.34 pH	17.26 °C	380.89 µS/cm	2.08 mg/L	38.20 NTU	95.8 mV	32.75 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:17 PM	20:00	7.34 pH	17.03 °C	380.20 µS/cm	2.23 mg/L	36.70 NTU	96.0 mV	32.75 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:21 PM	24:00	7.33 pH	16.92 °C	378.16 µS/cm	2.36 mg/L	34.10 NTU	96.2 mV	32.75 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:25 PM	28:00	7.32 pH	16.86 °C	376.19 µS/cm	2.52 mg/L	32.80 NTU	96.2 mV	32.76 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:29 PM	32:00	7.31 pH	16.83 °C	374.85 µS/cm	2.66 mg/L	28.40 NTU	96.3 mV	32.76 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:33 PM	36:00	7.30 pH	16.76 °C	373.51 µS/cm	2.74 mg/L	28.40 NTU	96.4 mV	32.76 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:37 PM	40:00	7.29 pH	16.79 °C	372.41 µS/cm	2.81 mg/L	27.40 NTU	96.4 mV	32.76 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:41 PM	44:00	7.29 pH	16.85 °C	371.15 µS/cm	2.86 mg/L	25.60 NTU	96.3 mV	32.76 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:45 PM	48:00	7.28 pH	16.86 °C	370.28 µS/cm	2.93 mg/L	23.70 NTU	96.3 mV	32.77 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:49 PM	52:00	7.28 pH	16.83 °C	370.37 µS/cm	2.99 mg/L	22.10 NTU	96.3 mV	32.77 ft	0.18 PSU	120.00 ml/min
1/25/2022 3:53 PM	56:00	7.27 pH	16.85 °C	369.65 µS/cm	3.04 mg/L	22.20 NTU	96.2 mV	32.77 ft	0.18 PSU	120.00 ml/min

1/25/2022 3:57 PM	01:00:00	7.27 pH	16.77 °C	368.81 µS/cm	3.10 mg/L	22.50 NTU	96.3 mV	32.90 ft	0.18 PSU	120.00 ml/min
1/25/2022 4:01 PM	01:04:00	7.26 pH	16.78 °C	368.67 µS/cm	3.15 mg/L	22.60 NTU	96.4 mV	32.90 ft	0.18 PSU	120.00 ml/min
1/25/2022 4:05 PM	01:08:00	7.26 pH	16.69 °C	367.86 µS/cm	3.18 mg/L	21.60 NTU	96.6 mV	32.90 ft	0.18 PSU	120.00 ml/min
1/25/2022 4:09 PM	01:12:00	7.25 pH	16.65 °C	367.86 µS/cm	3.24 mg/L	21.10 NTU	96.5 mV	32.90 ft	0.18 PSU	120.00 ml/min
1/25/2022 4:13 PM	01:16:00	7.25 pH	16.74 °C	367.44 µS/cm	3.27 mg/L	19.60 NTU	96.5 mV	32.90 ft	0.18 PSU	120.00 ml/min
1/25/2022 4:17 PM	01:20:00	7.24 pH	17.09 °C	367.81 µS/cm	3.30 mg/L	19.00 NTU	96.4 mV	32.87 ft	0.18 PSU	120.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 1/25/2022 2:58:19 PM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWA-54 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 66.11 ft Total Depth: 76.11 ft Initial Depth to Water: 50.49 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 71.11 ft Estimated Total Volume Pumped: 3360 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
---	---	--

Test Notes:

Pre-purged 1 liter

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/25/2022 2:58 PM	00:00	7.52 pH	18.36 °C	155.02 µS/cm	6.70 mg/L	0.28 NTU	56.9 mV	50.49 ft	0.07 PSU	120.00 ml/min
1/25/2022 3:02 PM	04:00	7.04 pH	17.42 °C	196.36 µS/cm	5.93 mg/L	0.23 NTU	43.3 mV	50.49 ft	0.09 PSU	120.00 ml/min
1/25/2022 3:06 PM	08:00	7.11 pH	17.10 °C	217.47 µS/cm	3.78 mg/L	0.23 NTU	36.8 mV	50.49 ft	0.10 PSU	120.00 ml/min
1/25/2022 3:10 PM	12:00	7.20 pH	17.04 °C	221.21 µS/cm	3.28 mg/L	0.60 NTU	32.6 mV	50.49 ft	0.11 PSU	120.00 ml/min
1/25/2022 3:14 PM	16:00	7.26 pH	17.11 °C	221.96 µS/cm	3.25 mg/L	0.41 NTU	30.3 mV	50.49 ft	0.11 PSU	120.00 ml/min
1/25/2022 3:18 PM	20:00	7.30 pH	16.92 °C	222.86 µS/cm	3.41 mg/L	0.27 NTU	29.0 mV	50.49 ft	0.11 PSU	120.00 ml/min
1/25/2022 3:22 PM	24:00	7.34 pH	16.95 °C	224.80 µS/cm	3.40 mg/L	0.54 NTU	27.6 mV	50.49 ft	0.11 PSU	120.00 ml/min
1/25/2022 3:26 PM	28:00	7.38 pH	16.95 °C	225.92 µS/cm	3.44 mg/L	0.41 NTU	26.4 mV	50.49 ft	0.11 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWA-54	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/25/2022 3:56:18 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWA-52 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 73.96 ft Total Depth: 83.96 ft Initial Depth to Water: 56.29 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 78.96 ft Estimated Total Volume Pumped: 3648 ml Flow Cell Volume: 90 ml Final Flow Rate: 114 ml/min Final Draw Down: 0.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
---	---	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/25/2022 3:56 PM	00:00	7.42 pH	16.81 °C	268.14 µS/cm	7.68 mg/L	0.35 NTU	21.4 mV	56.30 ft	114.00 ml/min
1/25/2022 4:00 PM	04:00	7.14 pH	16.72 °C	247.72 µS/cm	7.59 mg/L	0.48 NTU	19.8 mV	56.30 ft	114.00 ml/min
1/25/2022 4:04 PM	08:00	7.14 pH	16.63 °C	260.16 µS/cm	7.52 mg/L	0.67 NTU	17.2 mV	56.30 ft	114.00 ml/min
1/25/2022 4:08 PM	12:00	7.23 pH	16.60 °C	268.23 µS/cm	7.44 mg/L	0.27 NTU	15.6 mV	56.30 ft	114.00 ml/min
1/25/2022 4:12 PM	16:00	7.32 pH	16.59 °C	267.51 µS/cm	7.38 mg/L	0.29 NTU	14.1 mV	56.31 ft	114.00 ml/min
1/25/2022 4:16 PM	20:00	7.36 pH	16.57 °C	267.30 µS/cm	7.37 mg/L	0.45 NTU	14.5 mV	56.31 ft	114.00 ml/min
1/25/2022 4:20 PM	24:00	7.40 pH	16.63 °C	267.07 µS/cm	7.34 mg/L	0.46 NTU	14.5 mV	56.31 ft	114.00 ml/min
1/25/2022 4:24 PM	28:00	7.43 pH	16.45 °C	267.51 µS/cm	7.34 mg/L	0.43 NTU	14.3 mV	56.31 ft	114.00 ml/min
1/25/2022 4:28 PM	32:00	7.44 pH	16.45 °C	267.56 µS/cm	7.35 mg/L	0.48 NTU	14.4 mV	56.31 ft	114.00 ml/min

Samples

Sample ID:	Description:
GWA-52	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/26/2022 9:47:51 AM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWA-53 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 110.92 ft Total Depth: 120.92 ft Initial Depth to Water: 57.64 ft	Pump Type: Bladder Pump Tubing Type: LDPE Pump Intake From TOC: 115.92 ft Estimated Total Volume Pumped: 15680 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: -0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
---	--	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/26/2022 9:47 AM	00:00	7.53 pH	13.42 °C	267.36 µS/cm	8.72 mg/L	26.10 NTU	93.5 mV	57.67 ft	140.00 ml/min
1/26/2022 9:51 AM	04:00	7.60 pH	14.11 °C	261.83 µS/cm	7.74 mg/L	15.30 NTU	69.7 mV	57.65 ft	140.00 ml/min
1/26/2022 9:55 AM	08:00	7.62 pH	14.36 °C	261.97 µS/cm	7.60 mg/L	12.30 NTU	63.4 mV	57.65 ft	140.00 ml/min
1/26/2022 9:59 AM	12:00	7.64 pH	14.74 °C	259.80 µS/cm	7.47 mg/L	10.31 NTU	60.2 mV	57.65 ft	140.00 ml/min
1/26/2022 10:03 AM	16:00	7.64 pH	15.20 °C	259.15 µS/cm	7.33 mg/L	11.40 NTU	58.9 mV	57.65 ft	140.00 ml/min
1/26/2022 10:07 AM	20:00	7.66 pH	15.19 °C	258.53 µS/cm	7.28 mg/L	9.89 NTU	57.4 mV	57.65 ft	140.00 ml/min
1/26/2022 10:11 AM	24:00	7.67 pH	15.28 °C	258.56 µS/cm	7.24 mg/L	9.34 NTU	56.7 mV	57.65 ft	140.00 ml/min
1/26/2022 10:15 AM	28:00	7.67 pH	15.51 °C	259.42 µS/cm	7.28 mg/L	8.09 NTU	55.5 mV	57.65 ft	140.00 ml/min
1/26/2022 10:19 AM	32:00	7.68 pH	15.69 °C	256.89 µS/cm	7.14 mg/L	7.48 NTU	55.3 mV	57.65 ft	140.00 ml/min
1/26/2022 10:23 AM	36:00	7.69 pH	15.51 °C	257.83 µS/cm	7.17 mg/L	8.81 NTU	55.2 mV	57.65 ft	140.00 ml/min
1/26/2022 10:27 AM	40:00	7.69 pH	15.49 °C	258.53 µS/cm	7.20 mg/L	8.20 NTU	54.7 mV	57.65 ft	140.00 ml/min
1/26/2022 10:31 AM	44:00	7.70 pH	15.47 °C	257.46 µS/cm	7.17 mg/L	8.28 NTU	54.5 mV	57.64 ft	140.00 ml/min
1/26/2022 10:35 AM	48:00	7.69 pH	15.43 °C	258.16 µS/cm	7.18 mg/L	9.27 NTU	54.4 mV	57.64 ft	140.00 ml/min
1/26/2022 10:39 AM	52:00	7.70 pH	15.56 °C	257.78 µS/cm	7.20 mg/L	9.03 NTU	54.3 mV	57.64 ft	140.00 ml/min
1/26/2022 10:43 AM	56:00	7.70 pH	15.54 °C	257.07 µS/cm	7.15 mg/L	9.32 NTU	54.5 mV	57.65 ft	140.00 ml/min

1/26/2022 10:47 AM	01:00:00	7.70 pH	15.69 °C	258.50 µS/cm	7.17 mg/L	8.48 NTU	54.2 mV	57.65 ft	140.00 ml/min
1/26/2022 10:51 AM	01:04:00	7.71 pH	15.60 °C	257.18 µS/cm	7.13 mg/L	6.59 NTU	54.1 mV	57.65 ft	140.00 ml/min
1/26/2022 10:55 AM	01:08:00	7.70 pH	15.55 °C	257.32 µS/cm	7.16 mg/L	6.20 NTU	54.3 mV	57.66 ft	140.00 ml/min
1/26/2022 10:59 AM	01:12:00	7.70 pH	15.69 °C	257.73 µS/cm	7.13 mg/L	7.02 NTU	54.0 mV	57.66 ft	140.00 ml/min
1/26/2022 11:03 AM	01:16:00	7.70 pH	15.54 °C	257.44 µS/cm	7.16 mg/L	7.52 NTU	54.2 mV	57.65 ft	140.00 ml/min
1/26/2022 11:07 AM	01:20:00	7.71 pH	15.66 °C	257.37 µS/cm	7.13 mg/L	6.60 NTU	54.1 mV	57.65 ft	140.00 ml/min
1/26/2022 11:11 AM	01:24:00	7.71 pH	15.87 °C	257.08 µS/cm	7.10 mg/L	6.76 NTU	53.6 mV	57.65 ft	140.00 ml/min
1/26/2022 11:15 AM	01:28:00	7.70 pH	15.91 °C	257.63 µS/cm	7.14 mg/L	6.11 NTU	54.1 mV	57.65 ft	140.00 ml/min
1/26/2022 11:19 AM	01:32:00	7.71 pH	15.86 °C	257.72 µS/cm	7.12 mg/L	5.56 NTU	53.7 mV	57.65 ft	140.00 ml/min
1/26/2022 11:23 AM	01:36:00	7.72 pH	15.75 °C	256.88 µS/cm	7.11 mg/L	5.21 NTU	53.7 mV	57.65 ft	140.00 ml/min
1/26/2022 11:27 AM	01:40:00	7.71 pH	15.62 °C	257.69 µS/cm	7.14 mg/L	5.13 NTU	53.9 mV	57.65 ft	140.00 ml/min
1/26/2022 11:31 AM	01:44:00	7.72 pH	15.91 °C	257.05 µS/cm	7.08 mg/L	4.34 NTU	53.6 mV	57.64 ft	140.00 ml/min
1/26/2022 11:35 AM	01:48:00	7.71 pH	15.74 °C	257.38 µS/cm	7.10 mg/L	4.17 NTU	54.5 mV	57.63 ft	140.00 ml/min
1/26/2022 11:39 AM	01:52:00	7.72 pH	15.76 °C	257.23 µS/cm	7.09 mg/L	4.45 NTU	53.8 mV	57.63 ft	140.00 ml/min

Samples

Sample ID:	Description:
GWA-53	Metals, inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/26/2022 9:51:47 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

<p>Location Name: GWA-36RA Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 100.28 ft Total Depth: 110.28 ft Initial Depth to Water: 33.1 ft</p>	<p>Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 105.28 ft Estimated Total Volume Pumped: 4400 ml Flow Cell Volume: 90 ml Final Flow Rate: 110 ml/min Final Draw Down: 0 ft</p>	<p>Instrument Used: Aqua TROLL 400 Serial Number: 789301</p>
---	---	---

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/26/2022 9:51 AM	00:00	7.09 pH	13.31 °C	371.48 µS/cm	2.92 mg/L	5.64 NTU	100.1 mV	33.10 ft	0.18 PSU	110.00 ml/min
1/26/2022 9:55 AM	04:00	7.10 pH	13.26 °C	371.13 µS/cm	3.02 mg/L	7.25 NTU	93.8 mV	33.10 ft	0.18 PSU	110.00 ml/min
1/26/2022 9:59 AM	08:00	7.10 pH	13.40 °C	371.15 µS/cm	3.02 mg/L	8.25 NTU	89.2 mV	33.10 ft	0.18 PSU	110.00 ml/min
1/26/2022 10:03 AM	12:00	7.07 pH	13.56 °C	372.01 µS/cm	3.06 mg/L	8.01 NTU	87.7 mV	33.10 ft	0.18 PSU	110.00 ml/min
1/26/2022 10:07 AM	16:00	7.07 pH	14.44 °C	363.48 µS/cm	3.04 mg/L	6.75 NTU	86.2 mV	33.10 ft	0.17 PSU	110.00 ml/min
1/26/2022 10:11 AM	20:00	7.06 pH	14.23 °C	362.77 µS/cm	3.03 mg/L	5.99 NTU	84.7 mV	33.10 ft	0.17 PSU	110.00 ml/min
1/26/2022 10:15 AM	24:00	7.04 pH	14.76 °C	363.34 µS/cm	3.07 mg/L	5.34 NTU	83.3 mV	33.10 ft	0.17 PSU	110.00 ml/min
1/26/2022 10:19 AM	28:00	7.04 pH	14.52 °C	356.54 µS/cm	3.07 mg/L	5.18 NTU	82.8 mV	33.10 ft	0.17 PSU	110.00 ml/min
1/26/2022 10:23 AM	32:00	7.01 pH	14.67 °C	361.10 µS/cm	3.17 mg/L	4.89 NTU	82.3 mV	33.10 ft	0.17 PSU	110.00 ml/min
1/26/2022 10:27 AM	36:00	7.01 pH	15.21 °C	357.73 µS/cm	3.17 mg/L	4.78 NTU	80.9 mV	33.10 ft	0.17 PSU	110.00 ml/min
1/26/2022 10:31 AM	40:00	7.01 pH	14.69 °C	353.53 µS/cm	3.17 mg/L	4.41 NTU	80.6 mV	33.10 ft	0.17 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWA-36RA	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/26/2022 11:53:05 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-37 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 97.52 ft Total Depth: 107.52 ft Initial Depth to Water: 49.64 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 102.52 ft Estimated Total Volume Pumped: 10260 ml Flow Cell Volume: 90 ml Final Flow Rate: 105 ml/min Final Draw Down: 15.96 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 8 L

Prepurged at 300 mL/min to drawdown about 10 . At 20:00, lowered pump rate to 105 mL/min to stabilize drawdown. Pumped well for an additional hour after stabilization to attempt to bring into pH range, with no effect.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/26/2022 11:53 AM	00:00	4.46 pH	15.99 °C	18.59 µS/cm	6.27 mg/L	0.17 NTU	171.0 mV	61.78 ft	0.01 PSU	240.00 ml/min
1/26/2022 11:57 AM	04:00	4.51 pH	15.84 °C	18.83 µS/cm	6.17 mg/L	0.07 NTU	153.6 mV	62.50 ft	0.01 PSU	240.00 ml/min
1/26/2022 12:01 PM	08:00	4.50 pH	15.89 °C	19.09 µS/cm	6.07 mg/L	0.18 NTU	149.7 mV	63.52 ft	0.01 PSU	240.00 ml/min
1/26/2022 12:05 PM	12:00	4.49 pH	15.98 °C	19.34 µS/cm	6.00 mg/L	0.21 NTU	146.6 mV	64.56 ft	0.01 PSU	240.00 ml/min
1/26/2022 12:09 PM	16:00	4.51 pH	16.02 °C	19.55 µS/cm	5.91 mg/L	0.16 NTU	144.7 mV	65.49 ft	0.01 PSU	240.00 ml/min
1/26/2022 12:13 PM	20:00	4.59 pH	15.14 °C	19.35 µS/cm	5.76 mg/L	0.17 NTU	139.8 mV	65.87 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:17 PM	24:00	4.59 pH	14.98 °C	19.53 µS/cm	5.76 mg/L	0.11 NTU	137.8 mV	65.95 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:21 PM	28:00	4.60 pH	14.44 °C	19.85 µS/cm	5.78 mg/L	0.13 NTU	136.3 mV	65.93 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:25 PM	32:00	4.62 pH	14.58 °C	20.06 µS/cm	5.74 mg/L	0.18 NTU	135.2 mV	65.90 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:29 PM	36:00	4.64 pH	14.44 °C	20.35 µS/cm	5.76 mg/L	0.14 NTU	134.7 mV	65.87 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:33 PM	40:00	4.63 pH	14.68 °C	20.62 µS/cm	5.70 mg/L	0.05 NTU	134.7 mV	65.83 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:37 PM	44:00	4.66 pH	15.02 °C	20.71 µS/cm	5.60 mg/L	0.13 NTU	133.8 mV	65.84 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:41 PM	48:00	4.66 pH	15.12 °C	21.07 µS/cm	5.66 mg/L	0.09 NTU	134.2 mV	65.80 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:45 PM	52:00	4.70 pH	15.12 °C	21.04 µS/cm	5.57 mg/L	0.09 NTU	132.7 mV	65.77 ft	0.01 PSU	105.00 ml/min

1/26/2022 12:49 PM	56:00	4.70 pH	15.44 °C	21.41 µS/cm	5.60 mg/L	0.09 NTU	132.8 mV	65.74 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:53 PM	01:00:00	4.70 pH	15.09 °C	21.69 µS/cm	5.69 mg/L	0.06 NTU	133.2 mV	65.69 ft	0.01 PSU	105.00 ml/min
1/26/2022 12:57 PM	01:04:00	4.71 pH	15.66 °C	22.01 µS/cm	5.69 mg/L	0.07 NTU	133.0 mV	65.68 ft	0.01 PSU	105.00 ml/min
1/26/2022 1:01 PM	01:08:00	4.71 pH	15.49 °C	21.85 µS/cm	5.61 mg/L	0.00 NTU	133.6 mV	65.65 ft	0.01 PSU	105.00 ml/min
1/26/2022 1:05 PM	01:12:00	4.69 pH	15.60 °C	22.02 µS/cm	5.60 mg/L	0.03 NTU	133.7 mV	65.60 ft	0.01 PSU	105.00 ml/min

Samples

Sample ID:	Description:
GWA-37	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/26/2022 1:42:47 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWA-53R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 158.48 ft Total Depth: 168.48 ft Initial Depth to Water: 58.18 ft	Pump Type: Bladder Pump Tubing Type: LDPE Pump Intake From TOC: 163.48 ft Estimated Total Volume Pumped: 3408 ml Flow Cell Volume: 90 ml Final Flow Rate: 142 ml/min Final Draw Down: 0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	--	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/26/2022 1:42 PM	00:00	7.71 pH	15.51 °C	277.39 µS/cm	8.62 mg/L	721.00 NTU	53.9 mV	58.21 ft	142.00 ml/min
1/26/2022 1:46 PM	04:00	7.76 pH	16.00 °C	274.64 µS/cm	6.99 mg/L	34.70 NTU	53.1 mV	58.21 ft	142.00 ml/min
1/26/2022 1:50 PM	08:00	7.77 pH	16.09 °C	274.49 µS/cm	6.93 mg/L	10.70 NTU	52.6 mV	58.21 ft	142.00 ml/min
1/26/2022 1:54 PM	12:00	7.78 pH	16.00 °C	274.56 µS/cm	6.94 mg/L	6.61 NTU	52.2 mV	58.21 ft	142.00 ml/min
1/26/2022 1:58 PM	16:00	7.77 pH	16.01 °C	274.67 µS/cm	6.92 mg/L	4.98 NTU	52.6 mV	58.21 ft	142.00 ml/min
1/26/2022 2:02 PM	20:00	7.77 pH	15.98 °C	274.95 µS/cm	6.97 mg/L	4.09 NTU	51.9 mV	58.21 ft	142.00 ml/min
1/26/2022 2:06 PM	24:00	7.78 pH	16.05 °C	274.58 µS/cm	6.93 mg/L	3.39 NTU	51.8 mV	58.21 ft	142.00 ml/min

Samples

Sample ID:	Description:
GWA-53R	Metals, inorganic, tds, alkalinity

Low-Flow Test Report:

Test Date / Time: 1/26/2022 2:27:18 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-56 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 75.87 ft Total Depth: 85.87 ft Initial Depth to Water: 38.63 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 80.87 ft Estimated Total Volume Pumped: 3640 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 0.5 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
---	---	--

Test Notes:

Prepurged 1 L

Stopped troll to recalibrate pH and attempt to bring into range. Will resume trolling.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/26/2022 2:27 PM	00:00	7.10 pH	15.57 °C	548.59 µS/cm	1.34 mg/L	0.03 NTU	105.2 mV	39.07 ft	0.27 PSU	130.00 ml/min
1/26/2022 2:31 PM	04:00	7.33 pH	15.41 °C	548.24 µS/cm	1.19 mg/L	0.01 NTU	98.4 mV	39.09 ft	0.27 PSU	130.00 ml/min
1/26/2022 2:35 PM	08:00	7.43 pH	15.48 °C	547.48 µS/cm	1.29 mg/L	0.03 NTU	95.1 mV	39.11 ft	0.27 PSU	130.00 ml/min
1/26/2022 2:39 PM	12:00	7.48 pH	15.53 °C	544.00 µS/cm	1.40 mg/L	0.20 NTU	92.8 mV	39.13 ft	0.26 PSU	130.00 ml/min
1/26/2022 2:43 PM	16:00	7.50 pH	15.48 °C	542.77 µS/cm	1.42 mg/L	0.31 NTU	87.4 mV	39.13 ft	0.26 PSU	130.00 ml/min
1/26/2022 2:47 PM	20:00	7.51 pH	15.39 °C	539.53 µS/cm	1.42 mg/L	0.59 NTU	79.3 mV	39.13 ft	0.26 PSU	130.00 ml/min
1/26/2022 2:51 PM	24:00	7.51 pH	15.30 °C	536.93 µS/cm	1.48 mg/L	0.77 NTU	71.7 mV	39.13 ft	0.26 PSU	130.00 ml/min
1/26/2022 2:55 PM	28:00	7.50 pH	15.26 °C	537.03 µS/cm	1.60 mg/L	0.42 NTU	64.7 mV	39.13 ft	0.26 PSU	130.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 1/26/2022 2:55:00 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWA-55 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 55.24 ft Total Depth: 65.24 ft Initial Depth to Water: 43.09 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 60.24 ft Estimated Total Volume Pumped: 3840 ml Flow Cell Volume: 90 ml Final Flow Rate: 160 ml/min Final Draw Down: 0.11 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
---	--	--

Test Notes:

Prepurged 1L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/26/2022 2:55 PM	00:00	7.24 pH	16.50 °C	446.88 µS/cm	3.96 mg/L	0.72 NTU	65.7 mV	43.19 ft	160.00 ml/min
1/26/2022 2:59 PM	04:00	7.23 pH	16.51 °C	442.06 µS/cm	3.62 mg/L	0.61 NTU	64.0 mV	43.19 ft	160.00 ml/min
1/26/2022 3:03 PM	08:00	7.24 pH	16.50 °C	445.70 µS/cm	3.29 mg/L	0.64 NTU	63.6 mV	43.19 ft	160.00 ml/min
1/26/2022 3:07 PM	12:00	7.23 pH	16.55 °C	446.85 µS/cm	3.12 mg/L	0.78 NTU	63.5 mV	43.20 ft	160.00 ml/min
1/26/2022 3:11 PM	16:00	7.23 pH	16.50 °C	445.97 µS/cm	3.08 mg/L	0.58 NTU	63.3 mV	43.20 ft	160.00 ml/min
1/26/2022 3:15 PM	20:00	7.21 pH	16.54 °C	443.83 µS/cm	3.05 mg/L	0.54 NTU	63.4 mV	43.20 ft	160.00 ml/min
1/26/2022 3:19 PM	24:00	7.21 pH	16.45 °C	444.75 µS/cm	3.01 mg/L	0.50 NTU	63.1 mV	43.20 ft	160.00 ml/min

Samples

Sample ID:	Description:
GWA-55	Metals inorganic tds alkalinity
DUP-1	Metal inorganic tds alkalinity

Low-Flow Test Report:

Test Date / Time: 1/26/2022 3:13:43 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-56 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 75.87 ft Total Depth: 85.87 ft Initial Depth to Water: 38.63 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 80.87 ft Estimated Total Volume Pumped: 5720 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 0.46 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
---	--	--

Test Notes:

Prepurged 4.64 L

Recalibrated troll, pH still out of range therefore pumped an additional hour after initial stabilization to attempt to bring into range, with no effect

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/26/2022 3:13 PM	00:00	7.16 pH	14.54 °C	528.16 µS/cm	1.99 mg/L	0.41 NTU	74.0 mV	39.00 ft	0.26 PSU	130.00 ml/min
1/26/2022 3:17 PM	04:00	7.38 pH	15.17 °C	530.14 µS/cm	1.80 mg/L	0.44 NTU	61.6 mV	39.07 ft	0.26 PSU	130.00 ml/min
1/26/2022 3:21 PM	08:00	7.45 pH	15.36 °C	528.06 µS/cm	1.84 mg/L	0.33 NTU	54.3 mV	39.09 ft	0.26 PSU	130.00 ml/min
1/26/2022 3:25 PM	12:00	7.46 pH	15.41 °C	523.41 µS/cm	2.06 mg/L	0.21 NTU	54.4 mV	39.09 ft	0.25 PSU	130.00 ml/min
1/26/2022 3:29 PM	16:00	7.46 pH	15.35 °C	518.88 µS/cm	2.18 mg/L	0.23 NTU	53.9 mV	39.09 ft	0.25 PSU	130.00 ml/min
1/26/2022 3:33 PM	20:00	7.46 pH	15.22 °C	517.26 µS/cm	2.24 mg/L	0.31 NTU	52.8 mV	39.09 ft	0.25 PSU	130.00 ml/min
1/26/2022 3:37 PM	24:00	7.46 pH	15.21 °C	513.56 µS/cm	2.27 mg/L	0.34 NTU	50.6 mV	39.09 ft	0.25 PSU	130.00 ml/min
1/26/2022 3:41 PM	28:00	7.46 pH	15.21 °C	512.33 µS/cm	2.34 mg/L	0.28 NTU	49.0 mV	39.09 ft	0.25 PSU	130.00 ml/min
1/26/2022 3:45 PM	32:00	7.46 pH	15.19 °C	511.68 µS/cm	2.39 mg/L	0.28 NTU	46.8 mV	39.09 ft	0.25 PSU	130.00 ml/min
1/26/2022 3:49 PM	36:00	7.46 pH	15.35 °C	510.01 µS/cm	2.41 mg/L	0.27 NTU	43.8 mV	39.09 ft	0.25 PSU	130.00 ml/min
1/26/2022 3:53 PM	40:00	7.45 pH	15.26 °C	508.37 µS/cm	2.46 mg/L	0.26 NTU	40.6 mV	39.09 ft	0.25 PSU	130.00 ml/min
1/26/2022 3:57 PM	44:00	7.45 pH	15.35 °C	508.07 µS/cm	2.55 mg/L	0.25 NTU	38.7 mV	39.09 ft	0.25 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWA-56	Metals, Inorganics, TDS, Alkalinity

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 1/27/2022 10:02:17 AM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-16R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 88.12 ft Total Depth: 98.12 ft Initial Depth to Water: 78.87 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 93.12 ft Estimated Total Volume Pumped: 11752 ml Flow Cell Volume: 90 ml Final Flow Rate: 132 ml/min Final Draw Down: 9.47 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	--	--

Test Notes:

Water level dropped into the top of the screen. Performing complete evacuation

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/27/2022 10:02 AM	00:00	7.28 pH	11.67 °C	594.61 µS/cm	8.71 mg/L	2.76 NTU	108.2 mV	79.66 ft	116.00 ml/min
1/27/2022 10:06 AM	04:00	7.17 pH	12.61 °C	601.61 µS/cm	5.26 mg/L	1.95 NTU	78.6 mV	79.92 ft	116.00 ml/min
1/27/2022 10:10 AM	08:00	7.14 pH	12.91 °C	612.97 µS/cm	4.10 mg/L	2.34 NTU	64.8 mV	80.41 ft	116.00 ml/min
1/27/2022 10:14 AM	12:00	7.14 pH	12.84 °C	616.20 µS/cm	3.73 mg/L	3.09 NTU	61.2 mV	80.80 ft	116.00 ml/min
1/27/2022 10:18 AM	16:00	7.13 pH	13.02 °C	622.56 µS/cm	3.60 mg/L	2.84 NTU	60.3 mV	81.15 ft	116.00 ml/min
1/27/2022 10:22 AM	20:00	7.14 pH	13.02 °C	622.14 µS/cm	3.55 mg/L	1.86 NTU	58.4 mV	81.52 ft	116.00 ml/min
1/27/2022 10:26 AM	24:00	7.15 pH	12.94 °C	622.53 µS/cm	3.49 mg/L	1.75 NTU	57.2 mV	81.78 ft	116.00 ml/min
1/27/2022 10:30 AM	28:00	7.14 pH	13.24 °C	623.51 µS/cm	3.40 mg/L	1.86 NTU	57.0 mV	82.04 ft	116.00 ml/min
1/27/2022 10:34 AM	32:00	7.15 pH	13.20 °C	623.26 µS/cm	3.35 mg/L	1.69 NTU	55.7 mV	82.24 ft	116.00 ml/min
1/27/2022 10:38 AM	36:00	7.16 pH	13.15 °C	623.14 µS/cm	3.34 mg/L	1.54 NTU	55.4 mV	82.49 ft	116.00 ml/min
1/27/2022 10:42 AM	40:00	7.16 pH	13.11 °C	622.66 µS/cm	3.40 mg/L	1.83 NTU	54.9 mV	82.71 ft	116.00 ml/min
1/27/2022 10:46 AM	44:00	7.16 pH	13.20 °C	621.90 µS/cm	3.48 mg/L	1.60 NTU	53.9 mV	83.12 ft	116.00 ml/min
1/27/2022 10:50 AM	48:00	7.15 pH	13.33 °C	623.96 µS/cm	3.53 mg/L	1.66 NTU	53.3 mV	83.41 ft	94.00 ml/min

1/27/2022 10:54 AM	52:00	7.16 pH	13.33 °C	621.19 µS/cm	3.58 mg/L	1.56 NTU	52.6 mV	83.68 ft	132.00 ml/min
1/27/2022 10:58 AM	56:00	7.15 pH	13.84 °C	626.03 µS/cm	3.71 mg/L	1.55 NTU	51.8 mV	84.03 ft	132.00 ml/min
1/27/2022 11:02 AM	01:00:00	7.15 pH	14.40 °C	621.85 µS/cm	3.70 mg/L	1.51 NTU	51.3 mV	84.46 ft	132.00 ml/min
1/27/2022 11:06 AM	01:04:00	7.15 pH	14.50 °C	620.49 µS/cm	3.75 mg/L	1.55 NTU	50.9 mV	84.92 ft	132.00 ml/min
1/27/2022 11:10 AM	01:08:00	7.15 pH	14.59 °C	619.75 µS/cm	3.81 mg/L	1.45 NTU	50.4 mV	85.32 ft	132.00 ml/min
1/27/2022 11:14 AM	01:12:00	7.15 pH	14.74 °C	617.16 µS/cm	3.81 mg/L	1.47 NTU	49.9 mV	85.79 ft	132.00 ml/min
1/27/2022 11:18 AM	01:16:00	7.14 pH	15.06 °C	617.19 µS/cm	3.83 mg/L	1.10 NTU	49.3 mV	86.20 ft	132.00 ml/min
1/27/2022 11:22 AM	01:20:00	7.15 pH	15.13 °C	616.85 µS/cm	3.84 mg/L	1.12 NTU	48.7 mV	86.61 ft	132.00 ml/min
1/27/2022 11:26 AM	01:24:00	7.15 pH	14.91 °C	614.62 µS/cm	3.83 mg/L	1.22 NTU	48.2 mV	87.05 ft	132.00 ml/min
1/27/2022 11:30 AM	01:28:00	7.15 pH	14.95 °C	615.49 µS/cm	3.86 mg/L	1.30 NTU	47.9 mV	87.46 ft	132.00 ml/min
1/27/2022 11:34 AM	01:32:00	7.15 pH	14.66 °C	617.97 µS/cm	3.89 mg/L	1.21 NTU	47.5 mV	87.87 ft	132.00 ml/min
1/27/2022 11:38 AM	01:36:00	7.14 pH	14.47 °C	618.51 µS/cm	3.92 mg/L	1.23 NTU	47.3 mV	88.34 ft	132.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 1/27/2022 12:05:00 PM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWA-55R Well Diameter: 2 in Casing Type: PVC Screen Length: 100.7 ft Top of Screen: 95.7 ft Total Depth: 105.7 ft Initial Depth to Water: 43.12 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 100.7 ft Estimated Total Volume Pumped: 2600 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: -0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
--	---	--

Test Notes:

Prepurge 2.8L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/27/2022 12:05 PM	00:00	7.25 pH	16.81 °C	382.47 µS/cm	4.41 mg/L	1.02 NTU	53.7 mV	43.12 ft	0.18 PSU	130.00 ml/min
1/27/2022 12:09 PM	04:00	7.26 pH	16.77 °C	385.20 µS/cm	4.57 mg/L	0.99 NTU	55.1 mV	43.12 ft	0.19 PSU	130.00 ml/min
1/27/2022 12:13 PM	08:00	7.27 pH	16.90 °C	386.91 µS/cm	4.65 mg/L	0.83 NTU	56.5 mV	43.11 ft	0.19 PSU	130.00 ml/min
1/27/2022 12:17 PM	12:00	7.27 pH	16.99 °C	386.80 µS/cm	4.68 mg/L	0.65 NTU	57.6 mV	43.11 ft	0.19 PSU	130.00 ml/min
1/27/2022 12:21 PM	16:00	7.27 pH	16.99 °C	387.30 µS/cm	4.70 mg/L	0.65 NTU	56.7 mV	43.12 ft	0.19 PSU	130.00 ml/min
1/27/2022 12:25 PM	20:00	7.27 pH	16.97 °C	387.30 µS/cm	4.71 mg/L	0.59 NTU	57.8 mV	43.11 ft	0.19 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWA-55R	Metals, Inorganic, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/27/2022 12:27:18 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-17R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 82.93 ft Total Depth: 92.93 ft Initial Depth to Water: 82.99 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 87.93 ft Estimated Total Volume Pumped: 1728 ml Flow Cell Volume: 90 ml Final Flow Rate: 108 ml/min Final Draw Down: 1.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	---	--

Test Notes:

Prepurged 0.5L

Water level below top of screen. Monitoring groundwater parameters while performing complete evacuation

Stopped when water level dropped beneath the top of the pump

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/27/2022 12:27 PM	00:00	7.61 pH	19.58 °C	519.15 µS/cm	7.68 mg/L	2.86 NTU	32.2 mV	83.27 ft	108.00 ml/min
1/27/2022 12:31 PM	04:00	7.31 pH	17.70 °C	574.98 µS/cm	7.38 mg/L	1.84 NTU	22.7 mV	83.44 ft	108.00 ml/min
1/27/2022 12:35 PM	08:00	7.23 pH	17.70 °C	583.72 µS/cm	7.45 mg/L	1.86 NTU	19.8 mV	83.71 ft	108.00 ml/min
1/27/2022 12:39 PM	12:00	7.21 pH	17.57 °C	586.07 µS/cm	7.43 mg/L	1.56 NTU	18.6 mV	84.00 ft	108.00 ml/min
1/27/2022 12:43 PM	16:00	7.20 pH	17.48 °C	585.83 µS/cm	7.25 mg/L	1.33 NTU	17.9 mV		108.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 1/27/2022 12:42:36 PM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWC-18R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 130.1 ft Total Depth: 140.1 ft Initial Depth to Water: 72.81 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 135.1 ft Estimated Total Volume Pumped: 2800 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
--	---	--

Test Notes:

Pre-purged 1 liter.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/27/2022 12:42 PM	00:00	7.59 pH	15.64 °C	284.69 µS/cm	5.91 mg/L	2.04 NTU	117.2 mV	72.81 ft	0.14 PSU	140.00 ml/min
1/27/2022 12:46 PM	04:00	7.67 pH	15.59 °C	284.55 µS/cm	6.03 mg/L	1.89 NTU	89.3 mV	72.81 ft	0.14 PSU	140.00 ml/min
1/27/2022 12:50 PM	08:00	7.71 pH	15.81 °C	284.32 µS/cm	6.04 mg/L	1.34 NTU	76.9 mV	72.81 ft	0.14 PSU	140.00 ml/min
1/27/2022 12:54 PM	12:00	7.73 pH	15.98 °C	282.80 µS/cm	6.02 mg/L	1.24 NTU	68.0 mV	72.81 ft	0.14 PSU	140.00 ml/min
1/27/2022 12:58 PM	16:00	7.75 pH	16.01 °C	282.73 µS/cm	6.02 mg/L	1.18 NTU	58.6 mV	72.81 ft	0.14 PSU	140.00 ml/min
1/27/2022 1:02 PM	20:00	7.76 pH	16.01 °C	283.20 µS/cm	6.06 mg/L	1.33 NTU	50.2 mV	72.81 ft	0.14 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-18R	Metals, Inorganics, TDS, Alkalinity
DUP-2	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/27/2022 1:25:34 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWC-25R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 89.97 ft Total Depth: 99.97 ft Initial Depth to Water: 23.51 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 94.97 ft Estimated Total Volume Pumped: 3120 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/27/2022 1:25 PM	00:00	7.08 pH	15.75 °C	342.74 µS/cm	4.98 mg/L	0.04 NTU	71.7 mV	23.51 ft	0.16 PSU	130.00 ml/min
1/27/2022 1:29 PM	04:00	7.28 pH	15.60 °C	341.91 µS/cm	6.31 mg/L	0.03 NTU	68.9 mV	23.51 ft	0.16 PSU	130.00 ml/min
1/27/2022 1:33 PM	08:00	7.38 pH	15.50 °C	342.31 µS/cm	6.64 mg/L	0.26 NTU	65.6 mV	23.51 ft	0.16 PSU	130.00 ml/min
1/27/2022 1:37 PM	12:00	7.41 pH	15.70 °C	341.39 µS/cm	6.66 mg/L	0.09 NTU	64.2 mV	23.51 ft	0.16 PSU	130.00 ml/min
1/27/2022 1:41 PM	16:00	7.44 pH	15.80 °C	341.13 µS/cm	6.68 mg/L	0.01 NTU	62.0 mV	23.51 ft	0.16 PSU	130.00 ml/min
1/27/2022 1:45 PM	20:00	7.45 pH	15.66 °C	341.38 µS/cm	6.73 mg/L	0.06 NTU	61.1 mV	23.51 ft	0.16 PSU	130.00 ml/min
1/27/2022 1:49 PM	24:00	7.46 pH	15.57 °C	341.09 µS/cm	6.75 mg/L	0.01 NTU	60.3 mV	23.51 ft	0.16 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-25R	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/27/2022 1:51:26 PM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-19R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 136.6 ft Total Depth: 146.6 ft Initial Depth to Water: 76.67 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 151.6 ft Estimated Total Volume Pumped: 2880 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
--	--	--

Test Notes:

1.5L prepurge

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/27/2022 1:51 PM	00:00	7.73 pH	17.79 °C	292.84 µS/cm	6.52 mg/L	1.77 NTU	55.6 mV	76.67 ft	0.14 PSU	120.00 ml/min
1/27/2022 1:55 PM	04:00	7.74 pH	17.55 °C	294.53 µS/cm	6.54 mg/L	0.97 NTU	54.8 mV	76.67 ft	0.14 PSU	120.00 ml/min
1/27/2022 1:59 PM	08:00	7.74 pH	17.07 °C	296.21 µS/cm	6.62 mg/L	0.75 NTU	54.1 mV	76.68 ft	0.14 PSU	120.00 ml/min
1/27/2022 2:03 PM	12:00	7.74 pH	16.85 °C	297.46 µS/cm	6.68 mg/L	0.71 NTU	53.4 mV	76.69 ft	0.14 PSU	120.00 ml/min
1/27/2022 2:07 PM	16:00	7.74 pH	16.60 °C	297.91 µS/cm	6.70 mg/L	0.79 NTU	53.5 mV	76.68 ft	0.14 PSU	120.00 ml/min
1/27/2022 2:11 PM	20:00	7.74 pH	16.27 °C	299.21 µS/cm	6.76 mg/L	0.83 NTU	53.2 mV	76.68 ft	0.14 PSU	120.00 ml/min
1/27/2022 2:15 PM	24:00	7.74 pH	16.11 °C	300.68 µS/cm	6.82 mg/L		53.2 mV	76.68 ft	0.14 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-19R	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/27/2022 2:00:50 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-23R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 39.57 ft Total Depth: 49.57 ft Initial Depth to Water: 38.92 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 44.57 ft Estimated Total Volume Pumped: 4248 ml Flow Cell Volume: 90 ml Final Flow Rate: 118 ml/min Final Draw Down: 1.83 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	---	--

Test Notes:

Water level just above the top of the screen. Stopped when water level dropped below the top of the pump

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/27/2022 2:00 PM	00:00	7.49 pH	14.41 °C	719.85 µS/cm	7.49 mg/L	2.17 NTU	45.5 mV	39.43 ft	118.00 ml/min
1/27/2022 2:04 PM	04:00	7.23 pH	15.14 °C	784.32 µS/cm	3.75 mg/L	1.92 NTU	41.4 mV	39.73 ft	118.00 ml/min
1/27/2022 2:08 PM	08:00	7.20 pH	15.04 °C	785.51 µS/cm	2.95 mg/L	1.01 NTU	38.5 mV	39.92 ft	118.00 ml/min
1/27/2022 2:12 PM	12:00	7.19 pH	15.19 °C	778.33 µS/cm	2.79 mg/L	0.98 NTU	36.5 mV	39.99 ft	118.00 ml/min
1/27/2022 2:16 PM	16:00	7.20 pH	15.29 °C	785.81 µS/cm	2.54 mg/L	1.14 NTU	36.0 mV	39.99 ft	118.00 ml/min
1/27/2022 2:20 PM	20:00	7.22 pH	15.49 °C	818.48 µS/cm	2.62 mg/L	1.40 NTU	36.1 mV	40.13 ft	118.00 ml/min
1/27/2022 2:24 PM	24:00	7.22 pH	15.33 °C	849.86 µS/cm	2.85 mg/L	1.11 NTU	36.8 mV	40.35 ft	118.00 ml/min
1/27/2022 2:28 PM	28:00	7.22 pH	15.32 °C	857.12 µS/cm	2.91 mg/L	1.10 NTU	35.8 mV	40.58 ft	118.00 ml/min
1/27/2022 2:32 PM	32:00	7.23 pH	15.35 °C	879.64 µS/cm	3.06 mg/L	0.70 NTU	36.2 mV	40.75 ft	118.00 ml/min
1/27/2022 2:36 PM	36:00	7.23 pH	15.29 °C	896.95 µS/cm	3.20 mg/L		36.0 mV		118.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 1/27/2022 3:23:02 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-20R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 77.47 ft Total Depth: 87.47 ft Initial Depth to Water: 70.71 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 82.47 ft Estimated Total Volume Pumped: 3216 ml Flow Cell Volume: 90 ml Final Flow Rate: 134 ml/min Final Draw Down: 0.15 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	---	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/27/2022 3:23 PM	00:00	7.66 pH	13.93 °C	345.21 µS/cm	8.97 mg/L	1.45 NTU	7.5 mV	70.84 ft	134.00 ml/min
1/27/2022 3:27 PM	04:00	7.56 pH	15.51 °C	329.05 µS/cm	7.13 mg/L	1.26 NTU	10.7 mV	70.85 ft	134.00 ml/min
1/27/2022 3:31 PM	08:00	7.67 pH	15.77 °C	314.92 µS/cm	6.71 mg/L	0.76 NTU	11.0 mV	70.86 ft	134.00 ml/min
1/27/2022 3:35 PM	12:00	7.72 pH	15.78 °C	311.00 µS/cm	6.57 mg/L	1.17 NTU	11.1 mV	70.86 ft	134.00 ml/min
1/27/2022 3:39 PM	16:00	7.74 pH	15.82 °C	310.01 µS/cm	6.49 mg/L	0.75 NTU	11.6 mV	70.86 ft	134.00 ml/min
1/27/2022 3:43 PM	20:00	7.74 pH	15.87 °C	314.38 µS/cm	6.43 mg/L	0.65 NTU	12.2 mV	70.86 ft	134.00 ml/min
1/27/2022 3:47 PM	24:00	7.73 pH	15.82 °C	322.04 µS/cm	6.44 mg/L	0.72 NTU	12.6 mV	70.86 ft	134.00 ml/min

Samples

Sample ID:	Description:
GWC-20R	Metals, inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/27/2022 3:34:14 PM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-22R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 109.6 ft Total Depth: 119.6 ft Initial Depth to Water: 63.55 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 114.6 ft Estimated Total Volume Pumped: 2400 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
--	---	--

Test Notes:

Prepurge 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/27/2022 3:34 PM	00:00	7.18 pH	17.85 °C	368.86 µS/cm	0.26 mg/L	0.87 NTU	-20.2 mV	63.55 ft	0.18 PSU	120.00 ml/min
1/27/2022 3:38 PM	04:00	7.25 pH	17.76 °C	379.57 µS/cm	0.16 mg/L	1.82 NTU	-61.1 mV	63.55 ft	0.18 PSU	120.00 ml/min
1/27/2022 3:42 PM	08:00	7.21 pH	17.74 °C	375.89 µS/cm	0.13 mg/L	1.04 NTU	-70.3 mV	63.55 ft	0.18 PSU	120.00 ml/min
1/27/2022 3:46 PM	12:00	7.21 pH	17.78 °C	373.59 µS/cm	0.12 mg/L	1.17 NTU	-74.9 mV	63.55 ft	0.18 PSU	120.00 ml/min
1/27/2022 3:50 PM	16:00	7.24 pH	17.61 °C	370.76 µS/cm	0.16 mg/L	1.09 NTU	-79.3 mV	63.55 ft	0.18 PSU	120.00 ml/min
1/27/2022 3:54 PM	20:00	7.28 pH	17.49 °C	363.43 µS/cm	0.37 mg/L	1.08 NTU	-78.6 mV	63.55 ft	0.18 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-22R	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/28/2022 9:59:44 AM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-24R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.11 ft Total Depth: 40.11 ft Initial Depth to Water: 25.3 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 35.11 ft Estimated Total Volume Pumped: 3416 ml Flow Cell Volume: 90 ml Final Flow Rate: 122 ml/min Final Draw Down: -0.07 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
---	---	--

Test Notes:

Prepurge 3L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/28/2022 9:59 AM	00:00	7.56 pH	13.65 °C	277.43 µS/cm	2.10 mg/L	1.83 NTU	17.2 mV	25.30 ft	0.13 PSU	122.00 ml/min
1/28/2022 10:03 AM	04:00	7.61 pH	13.74 °C	274.80 µS/cm	2.55 mg/L	1.61 NTU	13.0 mV	25.29 ft	0.13 PSU	122.00 ml/min
1/28/2022 10:07 AM	08:00	7.63 pH	13.88 °C	273.65 µS/cm	2.76 mg/L	0.81 NTU	9.5 mV	25.29 ft	0.13 PSU	122.00 ml/min
1/28/2022 10:11 AM	12:00	7.64 pH	13.88 °C	272.57 µS/cm	2.97 mg/L	0.71 NTU	6.1 mV	25.28 ft	0.13 PSU	122.00 ml/min
1/28/2022 10:15 AM	16:00	7.65 pH	13.88 °C	272.05 µS/cm	3.17 mg/L	0.71 NTU	2.6 mV	25.26 ft	0.13 PSU	122.00 ml/min
1/28/2022 10:19 AM	20:00	7.66 pH	13.87 °C	271.55 µS/cm	3.37 mg/L	0.84 NTU	-0.6 mV	25.25 ft	0.13 PSU	122.00 ml/min
1/28/2022 10:23 AM	24:00	7.67 pH	13.90 °C	271.44 µS/cm	3.54 mg/L	1.02 NTU	-3.5 mV	25.23 ft	0.13 PSU	122.00 ml/min
1/28/2022 10:27 AM	28:00	7.68 pH	14.01 °C	271.24 µS/cm	3.60 mg/L	0.73 NTU	-5.7 mV	25.23 ft	0.13 PSU	122.00 ml/min

Samples

Sample ID:	Description:
GWC-24R	Metals, Inorganic, TDS, Alkalinity
DUP-3	Metals, Inorganic, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/28/2022 10:05:26 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWC-21R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 80.59 ft Total Depth: 90.59 ft Initial Depth to Water: 71.69 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 85.59 ft Estimated Total Volume Pumped: 13440 ml Flow Cell Volume: 90 ml Final Flow Rate: 105 ml/min Final Draw Down: 5.54 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 1 L

Water has strong odor. Pumped an additional hour after stabilization to attempt to bring pH into range with no effect.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/28/2022 10:05 AM	00:00	6.63 pH	14.08 °C	621.61 µS/cm	1.47 mg/L	0.21 NTU	0.1 mV	73.48 ft	0.30 PSU	105.00 ml/min
1/28/2022 10:09 AM	04:00	6.61 pH	14.26 °C	620.31 µS/cm	0.85 mg/L	0.15 NTU	-1.4 mV	73.77 ft	0.30 PSU	105.00 ml/min
1/28/2022 10:13 AM	08:00	6.61 pH	14.35 °C	617.47 µS/cm	0.61 mg/L	0.50 NTU	-3.3 mV	74.14 ft	0.30 PSU	105.00 ml/min
1/28/2022 10:17 AM	12:00	6.61 pH	14.52 °C	612.31 µS/cm	0.50 mg/L	0.11 NTU	-3.6 mV	74.49 ft	0.30 PSU	105.00 ml/min
1/28/2022 10:21 AM	16:00	6.62 pH	14.58 °C	601.05 µS/cm	0.45 mg/L	0.19 NTU	-0.7 mV	74.82 ft	0.29 PSU	105.00 ml/min
1/28/2022 10:25 AM	20:00	6.62 pH	14.61 °C	590.09 µS/cm	0.42 mg/L	0.36 NTU	3.2 mV	75.10 ft	0.29 PSU	105.00 ml/min
1/28/2022 10:29 AM	24:00	6.61 pH	14.67 °C	581.41 µS/cm	0.40 mg/L	0.47 NTU	6.9 mV	75.36 ft	0.28 PSU	105.00 ml/min
1/28/2022 10:33 AM	28:00	6.62 pH	14.67 °C	576.68 µS/cm	0.39 mg/L	0.32 NTU	9.5 mV	75.60 ft	0.28 PSU	105.00 ml/min
1/28/2022 10:37 AM	32:00	6.62 pH	14.72 °C	574.94 µS/cm	0.37 mg/L	0.34 NTU	11.7 mV	75.83 ft	0.28 PSU	105.00 ml/min
1/28/2022 10:41 AM	36:00	6.63 pH	14.72 °C	574.03 µS/cm	0.36 mg/L	0.26 NTU	13.7 mV	76.02 ft	0.28 PSU	105.00 ml/min
1/28/2022 10:45 AM	40:00	6.63 pH	14.80 °C	575.24 µS/cm	0.37 mg/L	0.28 NTU	15.0 mV	76.20 ft	0.28 PSU	105.00 ml/min
1/28/2022 10:49 AM	44:00	6.64 pH	14.76 °C	576.84 µS/cm	0.37 mg/L	0.24 NTU	16.6 mV	76.38 ft	0.28 PSU	105.00 ml/min
1/28/2022 10:53 AM	48:00	6.64 pH	14.93 °C	578.17 µS/cm	0.37 mg/L	0.33 NTU	17.5 mV	76.54 ft	0.28 PSU	105.00 ml/min
1/28/2022 10:57 AM	52:00	6.65 pH	14.94 °C	578.97 µS/cm	0.37 mg/L	0.20 NTU	18.1 mV	76.68 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:01 AM	56:00	6.65 pH	15.39 °C	577.20 µS/cm	0.39 mg/L	0.05 NTU	18.0 mV	76.79 ft	0.28 PSU	105.00 ml/min

1/28/2022 11:05 AM	01:00:00	6.65 pH	15.39 °C	577.29 µS/cm	0.41 mg/L	0.04 NTU	18.2 mV	76.87 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:09 AM	01:04:00	6.65 pH	15.39 °C	577.30 µS/cm	0.44 mg/L	0.01 NTU	18.4 mV	76.96 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:13 AM	01:08:00	6.65 pH	15.55 °C	575.52 µS/cm	0.50 mg/L	0.01 NTU	18.5 mV	77.04 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:17 AM	01:12:00	6.66 pH	15.44 °C	573.89 µS/cm	0.59 mg/L	0.03 NTU	18.6 mV	77.08 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:21 AM	01:16:00	6.66 pH	15.39 °C	572.16 µS/cm	0.70 mg/L	0.01 NTU	18.5 mV	77.11 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:25 AM	01:20:00	6.66 pH	15.30 °C	572.75 µS/cm	0.84 mg/L	0.04 NTU	18.7 mV	77.12 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:29 AM	01:24:00	6.66 pH	15.39 °C	571.22 µS/cm	0.97 mg/L	0.04 NTU	18.6 mV	77.14 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:33 AM	01:28:00	6.66 pH	15.39 °C	569.19 µS/cm	1.11 mg/L	0.02 NTU	18.7 mV	77.16 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:37 AM	01:32:00	6.66 pH	15.52 °C	567.09 µS/cm	1.23 mg/L	0.03 NTU	18.8 mV	77.17 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:41 AM	01:36:00	6.66 pH	15.44 °C	564.62 µS/cm	1.37 mg/L	0.01 NTU	18.8 mV	77.17 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:45 AM	01:40:00	6.66 pH	15.72 °C	563.99 µS/cm	1.51 mg/L	0.01 NTU	18.4 mV	77.17 ft	0.28 PSU	105.00 ml/min
1/28/2022 11:49 AM	01:44:00	6.67 pH	15.59 °C	562.63 µS/cm	1.66 mg/L	0.03 NTU	18.7 mV	77.17 ft	0.27 PSU	105.00 ml/min
1/28/2022 11:53 AM	01:48:00	6.67 pH	15.51 °C	560.50 µS/cm	1.78 mg/L	0.01 NTU	18.8 mV	77.17 ft	0.27 PSU	105.00 ml/min
1/28/2022 11:57 AM	01:52:00	6.68 pH	15.52 °C	559.92 µS/cm	1.91 mg/L	0.01 NTU	18.4 mV	77.17 ft	0.27 PSU	105.00 ml/min
1/28/2022 12:01 PM	01:56:00	6.68 pH	15.43 °C	558.43 µS/cm	2.01 mg/L	0.08 NTU	18.7 mV	77.17 ft	0.27 PSU	105.00 ml/min
1/28/2022 12:05 PM	02:00:00	6.68 pH	15.30 °C	556.12 µS/cm	2.10 mg/L	0.06 NTU	18.8 mV	77.18 ft	0.27 PSU	105.00 ml/min
1/28/2022 12:09 PM	02:04:00	6.68 pH	15.31 °C	556.01 µS/cm	2.18 mg/L	0.13 NTU	18.5 mV	77.20 ft	0.27 PSU	105.00 ml/min
1/28/2022 12:13 PM	02:08:00	6.69 pH	15.34 °C	553.13 µS/cm	2.28 mg/L	0.09 NTU	18.5 mV	77.23 ft	0.27 PSU	105.00 ml/min

Samples

Sample ID:	Description:
GWC-21R	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/28/2022 10:44:44 AM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWC-18 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 70.31 ft Total Depth: 80.31 ft Initial Depth to Water: 73.62 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 79.31 ft Estimated Total Volume Pumped: 18240 ml Flow Cell Volume: 90 ml Final Flow Rate: 240 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
---	--	--

Test Notes:

Pre-purged 3 liter. WL started in the screen. Well does not evacuate. 3 well volume method initiated.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/28/2022 10:44 AM	00:00	6.80 pH	13.30 °C	128.94 µS/cm	8.15 mg/L	0.86 NTU	144.6 mV	73.62 ft	0.06 PSU	240.00 ml/min
1/28/2022 10:48 AM	04:00	6.35 pH	14.97 °C	106.25 µS/cm	7.53 mg/L	0.62 NTU	100.3 mV	73.62 ft	0.05 PSU	240.00 ml/min
1/28/2022 10:52 AM	08:00	6.22 pH	15.11 °C	106.02 µS/cm	7.46 mg/L	0.60 NTU	82.2 mV	73.62 ft	0.05 PSU	240.00 ml/min
1/28/2022 10:56 AM	12:00	6.21 pH	15.11 °C	107.12 µS/cm	7.44 mg/L	0.73 NTU	71.3 mV	73.62 ft	0.05 PSU	240.00 ml/min
1/28/2022 11:00 AM	16:00	6.22 pH	15.20 °C	108.65 µS/cm	7.41 mg/L	0.75 NTU	63.2 mV	73.62 ft	0.05 PSU	240.00 ml/min
1/28/2022 11:04 AM	20:00	6.24 pH	15.16 °C	111.40 µS/cm	7.39 mg/L	0.58 NTU	56.5 mV	73.62 ft	0.05 PSU	240.00 ml/min
1/28/2022 11:08 AM	24:00	6.26 pH	15.15 °C	114.60 µS/cm	7.38 mg/L	0.82 NTU	52.5 mV	73.62 ft	0.05 PSU	240.00 ml/min
1/28/2022 11:12 AM	28:00	6.29 pH	15.25 °C	118.14 µS/cm	7.35 mg/L	0.79 NTU	51.5 mV	73.62 ft	0.06 PSU	240.00 ml/min
1/28/2022 11:16 AM	32:00	6.31 pH	15.34 °C	122.65 µS/cm	7.34 mg/L	0.63 NTU	47.4 mV	73.62 ft	0.06 PSU	240.00 ml/min
1/28/2022 11:20 AM	36:00	6.35 pH	15.22 °C	127.70 µS/cm	7.28 mg/L	0.54 NTU	45.3 mV	73.62 ft	0.06 PSU	240.00 ml/min
1/28/2022 11:24 AM	40:00	6.38 pH	15.19 °C	133.30 µS/cm	7.28 mg/L	0.56 NTU	43.5 mV	73.62 ft	0.06 PSU	240.00 ml/min
1/28/2022 11:28 AM	44:00	6.41 pH	15.22 °C	139.58 µS/cm	7.24 mg/L	0.60 NTU	41.5 mV	73.62 ft	0.07 PSU	240.00 ml/min
1/28/2022 11:32 AM	48:00	6.45 pH	15.27 °C	145.50 µS/cm	7.23 mg/L	0.57 NTU	39.9 mV	73.62 ft	0.07 PSU	240.00 ml/min
1/28/2022 11:36 AM	52:00	6.48 pH	15.27 °C	150.70 µS/cm	7.19 mg/L	0.18 NTU	39.6 mV	73.62 ft	0.07 PSU	240.00 ml/min
1/28/2022 11:40 AM	56:00	6.47 pH	15.23 °C	154.61 µS/cm	7.17 mg/L	0.26 NTU	38.5 mV	73.62 ft	0.07 PSU	240.00 ml/min

1/28/2022 11:44 AM	01:00:00	6.50 pH	15.38 °C	159.75 µS/cm	7.15 mg/L	0.20 NTU	37.5 mV	73.62 ft	0.08 PSU	240.00 ml/min
1/28/2022 11:48 AM	01:04:00	6.52 pH	15.29 °C	163.58 µS/cm	7.13 mg/L	0.18 NTU	37.4 mV	73.62 ft	0.08 PSU	240.00 ml/min
1/28/2022 11:52 AM	01:08:00	6.55 pH	15.25 °C	167.00 µS/cm	7.10 mg/L	0.22 NTU	36.6 mV	73.62 ft	0.08 PSU	240.00 ml/min
1/28/2022 11:56 AM	01:12:00	6.58 pH	15.20 °C	171.21 µS/cm	7.14 mg/L	0.24 NTU	36.1 mV	73.62 ft	0.08 PSU	240.00 ml/min
1/28/2022 12:00 PM	01:16:00	6.60 pH	15.15 °C	173.81 µS/cm	7.08 mg/L	0.28 NTU	35.2 mV	73.62 ft	0.08 PSU	240.00 ml/min

Samples

Sample ID:	Description:
GWC-18	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 10:22:49 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-41R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 121.05 ft Total Depth: 131.05 ft Initial Depth to Water: 79.27 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 126.05 ft Estimated Total Volume Pumped: 3600 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.33 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/31/2022 10:22 AM	00:00	6.88 pH	14.15 °C	319.28 µS/cm	1.96 mg/L	1.24 NTU	50.8 mV	79.60 ft	0.15 PSU	180.00 ml/min
1/31/2022 10:26 AM	04:00	6.69 pH	14.40 °C	289.54 µS/cm	0.58 mg/L	1.41 NTU	30.7 mV	79.60 ft	0.14 PSU	180.00 ml/min
1/31/2022 10:30 AM	08:00	6.67 pH	14.54 °C	282.62 µS/cm	0.35 mg/L	0.99 NTU	22.1 mV	79.60 ft	0.14 PSU	180.00 ml/min
1/31/2022 10:34 AM	12:00	6.65 pH	14.54 °C	278.41 µS/cm	0.28 mg/L	1.25 NTU	24.6 mV	79.60 ft	0.13 PSU	180.00 ml/min
1/31/2022 10:38 AM	16:00	6.64 pH	14.70 °C	277.05 µS/cm	0.23 mg/L	1.60 NTU	27.6 mV	79.60 ft	0.13 PSU	180.00 ml/min
1/31/2022 10:42 AM	20:00	6.63 pH	14.76 °C	276.68 µS/cm	0.22 mg/L	1.29 NTU	28.9 mV	79.60 ft	0.13 PSU	180.00 ml/min

Samples

Sample ID:	Description:
GWA-41R	Metals, Inorganics, TDS, Alkalinity
DUP-1	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 10:39:34 AM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWA-43R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 104.58 ft Total Depth: 114.58 ft Initial Depth to Water: 52.7 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 109.58 ft Estimated Total Volume Pumped: 10080 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: -0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
---	---	--

Test Notes:

Prepurge 2L

Pumped for an extra hour in an attempt to get pH into range, with no effect

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/31/2022 10:39 AM	00:00	7.94 pH	13.75 °C	272.25 µS/cm	7.52 mg/L	0.03 NTU	142.2 mV	52.70 ft	0.13 PSU	120.00 ml/min
1/31/2022 10:43 AM	04:00	7.97 pH	14.16 °C	270.52 µS/cm	7.46 mg/L	0.32 NTU	125.6 mV	52.72 ft	0.13 PSU	120.00 ml/min
1/31/2022 10:47 AM	08:00	8.01 pH	13.94 °C	266.37 µS/cm	7.17 mg/L	0.17 NTU	113.0 mV	52.71 ft	0.13 PSU	120.00 ml/min
1/31/2022 10:51 AM	12:00	8.01 pH	13.93 °C	269.70 µS/cm	7.22 mg/L	0.22 NTU	105.8 mV	52.70 ft	0.13 PSU	120.00 ml/min
1/31/2022 10:55 AM	16:00	8.01 pH	14.70 °C	268.81 µS/cm	7.21 mg/L	2.16 NTU	96.2 mV	52.73 ft	0.13 PSU	180.00 ml/min
1/31/2022 10:59 AM	20:00	8.02 pH	14.85 °C	267.61 µS/cm	7.11 mg/L	1.12 NTU	90.6 mV	52.73 ft	0.13 PSU	180.00 ml/min
1/31/2022 11:03 AM	24:00	8.02 pH	14.93 °C	266.36 µS/cm	7.11 mg/L	3.02 NTU	85.8 mV	52.74 ft	0.13 PSU	180.00 ml/min
1/31/2022 11:07 AM	28:00	8.02 pH	14.96 °C	265.05 µS/cm	7.08 mg/L	4.20 NTU	82.8 mV	52.74 ft	0.13 PSU	180.00 ml/min
1/31/2022 11:11 AM	32:00	8.03 pH	14.74 °C	263.38 µS/cm	7.03 mg/L	4.47 NTU	80.3 mV	52.71 ft	0.13 PSU	120.00 ml/min
1/31/2022 11:15 AM	36:00	8.03 pH	14.51 °C	262.62 µS/cm	6.97 mg/L	5.22 NTU	79.1 mV	52.70 ft	0.13 PSU	120.00 ml/min
1/31/2022 11:19 AM	40:00	8.03 pH	14.46 °C	261.81 µS/cm	7.04 mg/L	5.84 NTU	77.6 mV	52.70 ft	0.13 PSU	120.00 ml/min
1/31/2022 11:23 AM	44:00	8.03 pH	14.53 °C	260.79 µS/cm	7.03 mg/L	6.44 NTU	76.1 mV	52.70 ft	0.12 PSU	120.00 ml/min
1/31/2022 11:27 AM	48:00	8.03 pH	14.55 °C	260.85 µS/cm	7.06 mg/L	6.57 NTU	75.3 mV	52.70 ft	0.12 PSU	120.00 ml/min
1/31/2022 11:31 AM	52:00	8.03 pH	14.65 °C	259.55 µS/cm	7.05 mg/L	6.48 NTU	74.4 mV	52.70 ft	0.12 PSU	120.00 ml/min
1/31/2022 11:35 AM	56:00	8.03 pH	14.65 °C	259.81 µS/cm	7.09 mg/L	6.41 NTU	73.9 mV	52.69 ft	0.12 PSU	120.00 ml/min

1/31/2022 11:39 AM	01:00:00	8.03 pH	14.64 °C	258.44 µS/cm	7.07 mg/L	5.84 NTU	73.2 mV	52.69 ft	0.12 PSU	120.00 ml/min
1/31/2022 11:43 AM	01:04:00	8.03 pH	14.70 °C	257.77 µS/cm	7.06 mg/L	5.32 NTU	73.1 mV	52.69 ft	0.12 PSU	120.00 ml/min
1/31/2022 11:47 AM	01:08:00	8.04 pH	14.74 °C	257.49 µS/cm	7.08 mg/L	4.94 NTU	72.6 mV	52.68 ft	0.12 PSU	120.00 ml/min
1/31/2022 11:51 AM	01:12:00	8.04 pH	14.72 °C	257.07 µS/cm	7.08 mg/L	4.44 NTU	71.6 mV	52.68 ft	0.12 PSU	120.00 ml/min
1/31/2022 11:55 AM	01:16:00	8.04 pH	14.74 °C	256.16 µS/cm	7.06 mg/L	4.41 NTU	71.3 mV	52.67 ft	0.12 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWA-43R	Metals, Inorganic, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 11:28:32 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-41 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 92.5 ft Total Depth: 102.5 ft Initial Depth to Water: 78.54 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 97.5 ft Estimated Total Volume Pumped: 12600 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	--	--

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/31/2022 11:28 AM	00:00	6.48 pH	14.99 °C	89.41 µS/cm	7.39 mg/L	0.32 NTU	55.8 mV	78.59 ft	0.04 PSU	150.00 ml/min
1/31/2022 11:32 AM	04:00	5.90 pH	15.12 °C	56.93 µS/cm	7.47 mg/L	0.28 NTU	63.7 mV	78.59 ft	0.03 PSU	150.00 ml/min
1/31/2022 11:36 AM	08:00	5.60 pH	15.21 °C	47.63 µS/cm	7.46 mg/L	0.59 NTU	65.6 mV	78.59 ft	0.02 PSU	150.00 ml/min
1/31/2022 11:40 AM	12:00	5.45 pH	15.22 °C	43.91 µS/cm	7.44 mg/L	1.52 NTU	66.4 mV	78.59 ft	0.02 PSU	150.00 ml/min
1/31/2022 11:44 AM	16:00	5.37 pH	15.23 °C	41.89 µS/cm	7.44 mg/L	1.82 NTU	67.0 mV	78.59 ft	0.02 PSU	150.00 ml/min
1/31/2022 11:48 AM	20:00	5.35 pH	15.15 °C	40.69 µS/cm	7.45 mg/L	2.11 NTU	66.8 mV	78.59 ft	0.02 PSU	150.00 ml/min
1/31/2022 11:52 AM	24:00	5.34 pH	15.04 °C	41.39 µS/cm	7.43 mg/L	1.61 NTU	67.1 mV	78.59 ft	0.02 PSU	150.00 ml/min
1/31/2022 11:56 AM	28:00	5.36 pH	15.08 °C	44.96 µS/cm	7.37 mg/L	1.47 NTU	67.6 mV	78.59 ft	0.02 PSU	150.00 ml/min
1/31/2022 12:00 PM	32:00	5.43 pH	15.12 °C	51.88 µS/cm	7.28 mg/L	1.28 NTU	67.0 mV	78.59 ft	0.02 PSU	150.00 ml/min
1/31/2022 12:04 PM	36:00	5.50 pH	15.19 °C	62.18 µS/cm	7.20 mg/L	1.08 NTU	66.8 mV	78.59 ft	0.03 PSU	150.00 ml/min
1/31/2022 12:08 PM	40:00	5.60 pH	15.22 °C	71.38 µS/cm	7.16 mg/L	1.18 NTU	66.2 mV	78.59 ft	0.03 PSU	150.00 ml/min
1/31/2022 12:12 PM	44:00	5.67 pH	15.56 °C	79.09 µS/cm	7.09 mg/L	0.92 NTU	66.3 mV	78.59 ft	0.04 PSU	150.00 ml/min
1/31/2022 12:16 PM	48:00	5.73 pH	15.44 °C	86.88 µS/cm	7.11 mg/L	0.92 NTU	66.3 mV	78.59 ft	0.04 PSU	150.00 ml/min
1/31/2022 12:20 PM	52:00	5.79 pH	15.40 °C	95.63 µS/cm	7.09 mg/L	1.08 NTU	66.8 mV	78.59 ft	0.04 PSU	150.00 ml/min
1/31/2022 12:24 PM	56:00	5.84 pH	15.44 °C	101.35 µS/cm	7.09 mg/L	1.12 NTU	67.2 mV	78.59 ft	0.05 PSU	150.00 ml/min

1/31/2022 12:28 PM	01:00:00	5.88 pH	15.51 °C	107.55 µS/cm	7.06 mg/L	0.82 NTU	67.4 mV	78.59 ft	0.05 PSU	150.00 ml/min
1/31/2022 12:32 PM	01:04:00	5.91 pH	15.57 °C	111.93 µS/cm	7.02 mg/L	0.69 NTU	68.3 mV	78.59 ft	0.05 PSU	150.00 ml/min
1/31/2022 12:36 PM	01:08:00	5.95 pH	15.48 °C	117.13 µS/cm	7.06 mg/L	0.66 NTU	68.9 mV	78.59 ft	0.05 PSU	150.00 ml/min
1/31/2022 12:40 PM	01:12:00	5.96 pH	15.48 °C	118.24 µS/cm	7.05 mg/L	0.92 NTU	70.0 mV	78.59 ft	0.06 PSU	150.00 ml/min
1/31/2022 12:44 PM	01:16:00	5.98 pH	15.48 °C	120.74 µS/cm	7.04 mg/L	0.62 NTU	71.0 mV	78.59 ft	0.06 PSU	150.00 ml/min
1/31/2022 12:48 PM	01:20:00	6.00 pH	15.66 °C	123.98 µS/cm	7.05 mg/L	0.81 NTU	71.2 mV	78.59 ft	0.06 PSU	150.00 ml/min
1/31/2022 12:52 PM	01:24:00	6.02 pH	15.80 °C	126.37 µS/cm	6.98 mg/L	0.65 NTU	72.3 mV	78.59 ft	0.06 PSU	150.00 ml/min

Samples

Sample ID:	Description:
GWA-41	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 12:46:25 PM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWA-43 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 82.53 ft Total Depth: 92.53 ft Initial Depth to Water: 52.41 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 87.53 ft Estimated Total Volume Pumped: 4040 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: -0.04 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
---	---	--

Test Notes:

Prepurge 2.5L

At 12 min in, changed pump rate to 110ml/min

At 16 min in, changed pump rate to 150ml/min

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/31/2022 12:46 PM	00:00	5.70 pH	15.64 °C	24.65 µS/cm	7.32 mg/L	1.63 NTU	133.5 mV	52.41 ft	0.01 PSU	200.00 ml/min
1/31/2022 12:50 PM	04:00	5.71 pH	15.70 °C	23.39 µS/cm	7.55 mg/L	1.78 NTU	129.5 mV	52.39 ft	0.01 PSU	200.00 ml/min
1/31/2022 12:54 PM	08:00	5.70 pH	15.80 °C	22.73 µS/cm	7.56 mg/L	1.29 NTU	130.1 mV	52.40 ft	0.01 PSU	200.00 ml/min
1/31/2022 12:58 PM	12:00	5.69 pH	15.74 °C	22.32 µS/cm	7.41 mg/L	1.42 NTU	129.7 mV	52.33 ft	0.01 PSU	110.00 ml/min
1/31/2022 1:02 PM	16:00	5.69 pH	16.19 °C	22.09 µS/cm	7.32 mg/L	0.56 NTU	129.1 mV	52.37 ft	0.01 PSU	150.00 ml/min
1/31/2022 1:06 PM	20:00	5.68 pH	16.28 °C	21.48 µS/cm	7.30 mg/L	0.26 NTU	128.7 mV	52.36 ft	0.01 PSU	150.00 ml/min
1/31/2022 1:10 PM	24:00	5.71 pH	16.12 °C	21.94 µS/cm	7.22 mg/L	0.14 NTU	126.9 mV	52.37 ft	0.01 PSU	150.00 ml/min

Samples

Sample ID:	Description:
GWA-43	Metals, Inorganic, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 1:14:22 PM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWA-39Z Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 107.54 ft Total Depth: 117.54 ft Initial Depth to Water: 66.54 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 112.54 ft Estimated Total Volume Pumped: 4480 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: 0.17 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
--	---	--

Test Notes:

Pre-purged 2 liters.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/31/2022 1:14 PM	00:00	6.61 pH	13.76 °C	160.11 µS/cm	4.88 mg/L	1.73 NTU	145.0 mV	66.71 ft	0.08 PSU	140.00 ml/min
1/31/2022 1:18 PM	04:00	6.48 pH	14.16 °C	148.14 µS/cm	5.80 mg/L	2.23 NTU	110.7 mV	66.71 ft	0.07 PSU	140.00 ml/min
1/31/2022 1:22 PM	08:00	6.48 pH	14.35 °C	140.37 µS/cm	6.37 mg/L	1.69 NTU	93.1 mV	66.71 ft	0.07 PSU	140.00 ml/min
1/31/2022 1:26 PM	12:00	6.46 pH	14.34 °C	134.71 µS/cm	6.74 mg/L	1.89 NTU	80.8 mV	66.71 ft	0.06 PSU	140.00 ml/min
1/31/2022 1:30 PM	16:00	6.43 pH	14.38 °C	130.49 µS/cm	7.00 mg/L	1.37 NTU	72.6 mV	66.71 ft	0.06 PSU	140.00 ml/min
1/31/2022 1:34 PM	20:00	6.42 pH	14.48 °C	128.26 µS/cm	7.19 mg/L	1.54 NTU	64.3 mV	66.71 ft	0.06 PSU	140.00 ml/min
1/31/2022 1:38 PM	24:00	6.42 pH	14.59 °C	126.47 µS/cm	7.30 mg/L	1.38 NTU	59.7 mV	66.71 ft	0.06 PSU	140.00 ml/min
1/31/2022 1:42 PM	28:00	6.41 pH	14.54 °C	125.86 µS/cm	7.41 mg/L	1.26 NTU	56.7 mV	66.71 ft	0.06 PSU	140.00 ml/min
1/31/2022 1:46 PM	32:00	6.41 pH	14.55 °C	125.44 µS/cm	7.49 mg/L	1.04 NTU	53.2 mV	66.71 ft	0.06 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWA-39Z	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 1:47:04 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWA-40 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 145.02 ft Total Depth: 155.02 ft Initial Depth to Water: 68.82 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 150.02 ft Estimated Total Volume Pumped: 3960 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
---	--	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/31/2022 1:47 PM	00:00	7.23 pH	15.24 °C	169.27 µS/cm	9.39 mg/L	1.74 NTU	70.9 mV	68.83 ft	120.00 ml/min
1/31/2022 1:51 PM	04:00	6.96 pH	15.96 °C	167.11 µS/cm	5.33 mg/L	1.96 NTU	57.2 mV	68.83 ft	120.00 ml/min
1/31/2022 1:55 PM	08:00	6.80 pH	15.97 °C	162.26 µS/cm	5.65 mg/L	1.98 NTU	55.7 mV	68.83 ft	120.00 ml/min
1/31/2022 1:59 PM	12:00	6.79 pH	15.86 °C	154.32 µS/cm	7.65 mg/L	2.05 NTU	47.4 mV	68.83 ft	120.00 ml/min
1/31/2022 2:03 PM	16:00	6.82 pH	16.05 °C	151.86 µS/cm	8.54 mg/L	2.00 NTU	45.2 mV	68.83 ft	120.00 ml/min
1/31/2022 2:07 PM	20:00	6.83 pH	15.91 °C	151.64 µS/cm	8.83 mg/L	2.04 NTU	45.3 mV	68.83 ft	120.00 ml/min
1/31/2022 2:11 PM	24:00	6.85 pH	15.56 °C	151.71 µS/cm	8.93 mg/L	1.82 NTU	44.1 mV	68.83 ft	120.00 ml/min
1/31/2022 2:15 PM	28:00	6.85 pH	15.87 °C	153.46 µS/cm	9.15 mg/L	1.65 NTU	44.0 mV	68.83 ft	150.00 ml/min
1/31/2022 2:19 PM	32:00	6.85 pH	15.92 °C	153.83 µS/cm	9.12 mg/L	1.68 NTU	43.9 mV	68.83 ft	150.00 ml/min

Samples

Sample ID:	Description:
GWA-40	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 2:14:25 PM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-44 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 81.1 ft Total Depth: 91.1 ft Initial Depth to Water: 52.09 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 96.1 ft Estimated Total Volume Pumped: 8160 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 0.27 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
---	---	--

Test Notes:

Prepurge 1L

Pumped for an extra hour in an attempt to get pH in range, to no effect

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/31/2022 2:14 PM	00:00	4.80 pH	17.17 °C	123.70 µS/cm	4.15 mg/L	3.94 NTU	159.3 mV	52.09 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:18 PM	04:00	4.77 pH	17.15 °C	123.98 µS/cm	3.63 mg/L	2.30 NTU	152.3 mV	52.13 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:22 PM	08:00	4.78 pH	17.16 °C	123.61 µS/cm	3.52 mg/L	0.91 NTU	149.2 mV	52.14 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:26 PM	12:00	4.78 pH	16.94 °C	123.73 µS/cm	3.49 mg/L	2.56 NTU	147.3 mV	52.14 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:30 PM	16:00	4.78 pH	16.97 °C	123.35 µS/cm	3.47 mg/L	0.46 NTU	145.9 mV	52.16 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:34 PM	20:00	4.78 pH	16.90 °C	123.10 µS/cm	3.47 mg/L	0.17 NTU	144.5 mV	52.20 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:38 PM	24:00	4.78 pH	16.90 °C	122.82 µS/cm	3.48 mg/L	0.15 NTU	143.1 mV	52.22 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:42 PM	28:00	4.78 pH	16.88 °C	122.40 µS/cm	3.48 mg/L	0.11 NTU	142.6 mV	52.24 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:46 PM	32:00	4.78 pH	16.86 °C	122.22 µS/cm	3.49 mg/L	0.07 NTU	141.8 mV	52.24 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:50 PM	36:00	4.78 pH	16.85 °C	121.96 µS/cm	3.49 mg/L	0.05 NTU	141.8 mV	52.25 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:54 PM	40:00	4.78 pH	16.77 °C	122.11 µS/cm	3.51 mg/L	0.06 NTU	140.5 mV	52.28 ft	0.06 PSU	120.00 ml/min
1/31/2022 2:58 PM	44:00	4.78 pH	16.88 °C	121.76 µS/cm	3.51 mg/L	0.10 NTU	140.5 mV	52.28 ft	0.06 PSU	120.00 ml/min
1/31/2022 3:02 PM	48:00	4.78 pH	17.00 °C	121.55 µS/cm	3.51 mg/L	0.09 NTU	140.2 mV	52.29 ft	0.06 PSU	120.00 ml/min
1/31/2022 3:06 PM	52:00	4.78 pH	17.12 °C	121.03 µS/cm	3.50 mg/L	0.14 NTU	139.2 mV	52.30 ft	0.06 PSU	120.00 ml/min
1/31/2022 3:10 PM	56:00	4.78 pH	17.09 °C	120.75 µS/cm	3.50 mg/L	0.07 NTU	139.2 mV	52.32 ft	0.06 PSU	120.00 ml/min

1/31/2022 3:14 PM	01:00:00	4.78 pH	17.16 °C	120.80 µS/cm	3.51 mg/L	0.06 NTU	139.0 mV	52.33 ft	0.06 PSU	120.00 ml/min
1/31/2022 3:18 PM	01:04:00	4.78 pH	17.30 °C	120.30 µS/cm	3.49 mg/L	0.06 NTU	139.0 mV	52.35 ft	0.06 PSU	120.00 ml/min
1/31/2022 3:22 PM	01:08:00	4.78 pH	17.34 °C	120.30 µS/cm	3.50 mg/L	0.07 NTU	138.1 mV	52.36 ft	0.06 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-44	Metals, Inorganic, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 2:29:58 PM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWA-42 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 74.36 ft Total Depth: 84.36 ft Initial Depth to Water: 75.7 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 79.36 ft Estimated Total Volume Pumped: 2400 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	--	--

Test Notes:

Prepurged 16 L

Water level started in screen interval. Well historically does not drawdown, therefore 3 well volume method was initiated.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/31/2022 2:29 PM	00:00	7.09 pH	16.07 °C	266.32 µS/cm	4.53 mg/L	0.23 NTU	61.0 mV	75.73 ft	0.13 PSU	150.00 ml/min
1/31/2022 2:33 PM	04:00	7.12 pH	15.99 °C	274.13 µS/cm	4.50 mg/L	0.13 NTU	64.3 mV	75.73 ft	0.13 PSU	150.00 ml/min
1/31/2022 2:37 PM	08:00	7.15 pH	15.98 °C	275.74 µS/cm	4.48 mg/L	0.08 NTU	66.1 mV	75.73 ft	0.13 PSU	150.00 ml/min
1/31/2022 2:41 PM	12:00	7.16 pH	15.93 °C	276.03 µS/cm	4.48 mg/L	0.11 NTU	67.6 mV	75.73 ft	0.13 PSU	150.00 ml/min
1/31/2022 2:45 PM	16:00	7.17 pH	16.02 °C	275.77 µS/cm	4.46 mg/L	0.09 NTU	68.5 mV	75.73 ft	0.13 PSU	150.00 ml/min

Samples

Sample ID:	Description:
GWA-42	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 2:58:05 PM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWC-46R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 49.01 ft Total Depth: 59.01 ft Initial Depth to Water: 38.62 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 54.01 ft Estimated Total Volume Pumped: 3360 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 1.6 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
--	---	--

Test Notes:

Pre-purged 2 liters.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
1/31/2022 2:58 PM	00:00	4.18 pH	19.40 °C	2.09 µS/cm	8.63 mg/L	1.23 NTU	50.9 mV	39.93 ft	0.00 PSU	120.00 ml/min
1/31/2022 3:02 PM	04:00	6.97 pH	16.95 °C	420.32 µS/cm	6.29 mg/L	1.50 NTU	55.5 mV	39.96 ft	0.20 PSU	120.00 ml/min
1/31/2022 3:06 PM	08:00	7.29 pH	16.60 °C	423.95 µS/cm	6.38 mg/L	1.31 NTU	39.9 mV	40.02 ft	0.21 PSU	120.00 ml/min
1/31/2022 3:10 PM	12:00	7.40 pH	16.60 °C	421.59 µS/cm	6.31 mg/L	1.41 NTU	33.8 mV	40.10 ft	0.20 PSU	120.00 ml/min
1/31/2022 3:14 PM	16:00	7.44 pH	16.66 °C	420.84 µS/cm	6.28 mg/L	1.93 NTU	31.2 mV	40.17 ft	0.20 PSU	120.00 ml/min
1/31/2022 3:18 PM	20:00	7.47 pH	16.86 °C	418.82 µS/cm	6.23 mg/L	1.88 NTU	29.8 mV	40.19 ft	0.20 PSU	120.00 ml/min
1/31/2022 3:22 PM	24:00	7.47 pH	16.86 °C	417.55 µS/cm	6.20 mg/L	0.63 NTU	28.9 mV	40.21 ft	0.20 PSU	120.00 ml/min
1/31/2022 3:26 PM	28:00	7.48 pH	16.82 °C	414.01 µS/cm	6.11 mg/L	0.16 NTU	28.3 mV	40.22 ft	0.20 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-46R	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 1/31/2022 3:08:07 PM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-48 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 49.49 ft Total Depth: 59.49 ft Initial Depth to Water: 36.59 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 54.49 ft Estimated Total Volume Pumped: 6600 ml Flow Cell Volume: 90 ml Final Flow Rate: 110 ml/min Final Draw Down: 0.12 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
---	---	--

Test Notes:

Prepurged 0.5L. Purged for additional time due to lower pH

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
1/31/2022 3:08 PM	00:00	6.31 pH	15.29 °C	45.44 µS/cm	7.67 mg/L	1.45 NTU	45.2 mV	36.66 ft	110.00 ml/min
1/31/2022 3:12 PM	04:00	4.82 pH	16.11 °C	43.92 µS/cm	4.55 mg/L	1.46 NTU	39.5 mV	36.67 ft	110.00 ml/min
1/31/2022 3:16 PM	08:00	4.69 pH	16.36 °C	43.67 µS/cm	3.75 mg/L	1.41 NTU	38.4 mV	36.68 ft	110.00 ml/min
1/31/2022 3:20 PM	12:00	4.70 pH	16.38 °C	44.72 µS/cm	3.54 mg/L	1.43 NTU	37.5 mV	36.68 ft	110.00 ml/min
1/31/2022 3:24 PM	16:00	4.72 pH	16.46 °C	45.83 µS/cm	3.50 mg/L	1.37 NTU	36.9 mV	36.68 ft	110.00 ml/min
1/31/2022 3:28 PM	20:00	4.74 pH	16.41 °C	46.49 µS/cm	3.48 mg/L	1.39 NTU	36.8 mV	36.69 ft	110.00 ml/min
1/31/2022 3:32 PM	24:00	4.76 pH	16.46 °C	47.15 µS/cm	3.49 mg/L	1.38 NTU	37.0 mV	36.69 ft	110.00 ml/min
1/31/2022 3:36 PM	28:00	4.77 pH	16.56 °C	47.39 µS/cm	3.45 mg/L	1.35 NTU	36.5 mV	36.69 ft	110.00 ml/min
1/31/2022 3:40 PM	32:00	4.77 pH	16.50 °C	47.41 µS/cm	3.43 mg/L	1.33 NTU	37.0 mV	36.70 ft	110.00 ml/min
1/31/2022 3:44 PM	36:00	4.79 pH	16.40 °C	47.35 µS/cm	3.42 mg/L	1.36 NTU	36.9 mV	36.70 ft	110.00 ml/min
1/31/2022 3:48 PM	40:00	4.80 pH	16.30 °C	47.08 µS/cm	3.41 mg/L	1.33 NTU	36.9 mV	36.70 ft	110.00 ml/min
1/31/2022 3:52 PM	44:00	4.82 pH	16.16 °C	46.81 µS/cm	3.42 mg/L	1.37 NTU	36.4 mV	36.70 ft	110.00 ml/min
1/31/2022 3:56 PM	48:00	4.83 pH	16.09 °C	46.56 µS/cm	3.46 mg/L	1.35 NTU	36.5 mV	36.71 ft	110.00 ml/min
1/31/2022 4:00 PM	52:00	4.84 pH	16.09 °C	46.55 µS/cm	3.47 mg/L	1.37 NTU	36.9 mV	36.71 ft	110.00 ml/min
1/31/2022 4:04 PM	56:00	4.84 pH	16.10 °C	46.61 µS/cm	3.49 mg/L	1.36 NTU	37.3 mV	36.71 ft	110.00 ml/min

1/31/2022 4:08 PM	01:00:00	4.86 pH	16.09 °C	46.64 µS/cm	3.53 mg/L	1.34 NTU	37.1 mV	36.71 ft	110.00 ml/min
----------------------	----------	---------	----------	-------------	-----------	----------	---------	----------	---------------

Samples

Sample ID:	Description:
GWC-48	Metals, inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/1/2022 9:47:15 AM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-47R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 74.55 ft Total Depth: 84.55 ft Initial Depth to Water: 40.04 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 79.55 ft Estimated Total Volume Pumped: 6272 ml Flow Cell Volume: 90 ml Final Flow Rate: 116 ml/min Final Draw Down: 4.12 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	---	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
2/1/2022 9:47 AM	00:00	7.29 pH	13.10 °C	281.28 µS/cm	3.13 mg/L	1.65 NTU	36.0 mV	41.13 ft	160.00 ml/min
2/1/2022 9:51 AM	04:00	7.37 pH	15.28 °C	309.23 µS/cm	3.77 mg/L	1.57 NTU	27.2 mV	41.54 ft	160.00 ml/min
2/1/2022 9:55 AM	08:00	7.52 pH	15.74 °C	316.98 µS/cm	3.68 mg/L	1.50 NTU	26.1 mV	42.22 ft	160.00 ml/min
2/1/2022 9:59 AM	12:00	7.58 pH	15.78 °C	313.29 µS/cm	3.42 mg/L	1.54 NTU	25.2 mV	42.84 ft	160.00 ml/min
2/1/2022 10:03 AM	16:00	7.59 pH	15.65 °C	309.73 µS/cm	3.35 mg/L	2.06 NTU	26.7 mV	43.19 ft	116.00 ml/min
2/1/2022 10:07 AM	20:00	7.57 pH	15.55 °C	305.44 µS/cm	3.22 mg/L	2.36 NTU	29.2 mV	43.36 ft	116.00 ml/min
2/1/2022 10:11 AM	24:00	7.52 pH	15.33 °C	296.38 µS/cm	3.04 mg/L	2.59 NTU	31.7 mV	43.51 ft	116.00 ml/min
2/1/2022 10:15 AM	28:00	7.49 pH	15.51 °C	288.41 µS/cm	3.08 mg/L	2.62 NTU	32.7 mV	43.69 ft	116.00 ml/min
2/1/2022 10:19 AM	32:00	7.48 pH	15.66 °C	280.50 µS/cm	3.13 mg/L	2.60 NTU	33.6 mV	43.90 ft	116.00 ml/min
2/1/2022 10:23 AM	36:00	7.50 pH	15.78 °C	273.12 µS/cm	3.12 mg/L	2.59 NTU	34.4 mV	44.00 ft	116.00 ml/min
2/1/2022 10:27 AM	40:00	7.51 pH	15.74 °C	270.06 µS/cm	3.11 mg/L	2.39 NTU	34.9 mV	44.11 ft	116.00 ml/min
2/1/2022 10:31 AM	44:00	7.52 pH	15.70 °C	267.77 µS/cm	3.15 mg/L	2.10 NTU	35.7 mV	44.15 ft	116.00 ml/min
2/1/2022 10:35 AM	48:00	7.54 pH	15.82 °C	268.94 µS/cm	3.27 mg/L	2.13 NTU	35.3 mV	44.16 ft	116.00 ml/min

Samples

Sample ID:	Description:
GWC-47R	Metals, inorganics, TDS, Alkalinity

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/1/2022 10:00:27 AM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-45R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 120.12 ft Total Depth: 130.12 ft Initial Depth to Water: 51.12 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 125.12 ft Estimated Total Volume Pumped: 3360 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: -0.1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
--	---	--

Test Notes:

Prepurge 1L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/1/2022 10:00 AM	00:00	6.93 pH	14.64 °C	4.45 µS/cm	1.39 mg/L	0.22 NTU	87.9 mV	51.12 ft	0.00 PSU	120.00 ml/min
2/1/2022 10:04 AM	04:00	7.00 pH	15.19 °C	4.49 µS/cm	1.89 mg/L	0.63 NTU	78.1 mV	51.11 ft	0.00 PSU	120.00 ml/min
2/1/2022 10:08 AM	08:00	7.10 pH	15.39 °C	4.53 µS/cm	3.62 mg/L	0.43 NTU	77.6 mV	51.10 ft	0.00 PSU	120.00 ml/min
2/1/2022 10:12 AM	12:00	7.13 pH	15.39 °C	4.53 µS/cm	3.92 mg/L	0.38 NTU	75.8 mV	51.10 ft	0.00 PSU	120.00 ml/min
2/1/2022 10:16 AM	16:00	7.13 pH	15.46 °C	4.54 µS/cm	4.07 mg/L	0.52 NTU	74.0 mV	51.08 ft	0.00 PSU	120.00 ml/min
2/1/2022 10:20 AM	20:00	7.14 pH	15.64 °C	4.54 µS/cm	4.13 mg/L	0.29 NTU	72.4 mV	51.05 ft	0.00 PSU	120.00 ml/min
2/1/2022 10:24 AM	24:00	7.14 pH	15.67 °C	4.55 µS/cm	4.21 mg/L	0.41 NTU	71.6 mV	51.04 ft	0.00 PSU	120.00 ml/min
2/1/2022 10:28 AM	28:00	7.15 pH	15.60 °C	4.54 µS/cm	4.26 mg/L	0.30 NTU	70.9 mV	51.02 ft	0.00 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-45R	Metals, Inorganics, TDS, Alkalinity
DUP-2	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/1/2022 10:07:07 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWC-49R Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 126.8 ft Total Depth: 136.8 ft Initial Depth to Water: 55.33 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 131.8 ft Estimated Total Volume Pumped: 3120 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/1/2022 10:07 AM	00:00	7.86 pH	14.63 °C	255.77 µS/cm	1.86 mg/L	2.81 NTU	44.3 mV	55.33 ft	0.12 PSU	130.00 ml/min
2/1/2022 10:11 AM	04:00	7.75 pH	14.68 °C	249.84 µS/cm	5.42 mg/L	0.96 NTU	52.2 mV	55.33 ft	0.12 PSU	130.00 ml/min
2/1/2022 10:15 AM	08:00	7.68 pH	14.76 °C	248.35 µS/cm	6.19 mg/L	0.41 NTU	57.8 mV	55.33 ft	0.12 PSU	130.00 ml/min
2/1/2022 10:19 AM	12:00	7.65 pH	14.76 °C	248.04 µS/cm	6.39 mg/L	0.23 NTU	60.6 mV	55.33 ft	0.12 PSU	130.00 ml/min
2/1/2022 10:23 AM	16:00	7.64 pH	14.76 °C	247.77 µS/cm	6.51 mg/L	0.06 NTU	62.3 mV	55.33 ft	0.12 PSU	130.00 ml/min
2/1/2022 10:27 AM	20:00	7.63 pH	14.80 °C	247.88 µS/cm	6.61 mg/L	0.08 NTU	63.8 mV	55.33 ft	0.12 PSU	130.00 ml/min
2/1/2022 10:31 AM	24:00	7.63 pH	14.72 °C	247.56 µS/cm	6.66 mg/L	0.01 NTU	64.7 mV	55.33 ft	0.12 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-49R	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/1/2022 10:38:21 AM

Project: Plant Bowen LF January 2022

Operator Name: Kevin Stephenson

Location Name: GWA-39RZ Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 130.07 ft Total Depth: 140.07 ft Initial Depth to Water: 64.96 ft	Pump Type: QED Bladder Tubing Type: LDPE Pump Intake From TOC: 135.07 ft Estimated Total Volume Pumped: 56320 ml Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 65.25 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789317
---	---	--

Test Notes:

Pre-purged 6 liters. WL did not stabilize and dropped below top of screen. Complete evacuation method initiated. Samples to be collected 2/2/22.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/1/2022 10:38 AM	00:00	7.42 pH	13.85 °C	332.19 µS/cm	1.54 mg/L	3.70 NTU	44.4 mV	76.44 ft	0.16 PSU	200.00 ml/min
2/1/2022 10:42 AM	04:00	7.41 pH	14.23 °C	309.61 µS/cm	1.40 mg/L	3.21 NTU	12.9 mV	77.08 ft	0.15 PSU	200.00 ml/min
2/1/2022 10:46 AM	08:00	7.43 pH	14.30 °C	310.62 µS/cm	1.21 mg/L	4.39 NTU	1.7 mV	77.84 ft	0.15 PSU	200.00 ml/min
2/1/2022 10:50 AM	12:00	7.45 pH	14.42 °C	309.48 µS/cm	1.10 mg/L	4.10 NTU	-4.8 mV	78.31 ft	0.15 PSU	200.00 ml/min
2/1/2022 10:54 AM	16:00	7.46 pH	14.39 °C	309.54 µS/cm	1.05 mg/L	3.81 NTU	-6.8 mV	79.44 ft	0.15 PSU	200.00 ml/min
2/1/2022 10:58 AM	20:00	7.48 pH	14.39 °C	307.65 µS/cm	1.04 mg/L	3.37 NTU	-8.2 mV	79.82 ft	0.15 PSU	200.00 ml/min
2/1/2022 11:02 AM	24:00	7.48 pH	14.45 °C	307.23 µS/cm	0.99 mg/L	4.14 NTU	-9.2 mV	80.41 ft	0.15 PSU	200.00 ml/min
2/1/2022 11:06 AM	28:00	7.50 pH	14.46 °C	305.51 µS/cm	0.96 mg/L	4.62 NTU	-9.8 mV	81.37 ft	0.15 PSU	200.00 ml/min
2/1/2022 11:10 AM	32:00	7.51 pH	14.40 °C	305.45 µS/cm	0.95 mg/L	3.96 NTU	-10.6 mV	81.92 ft	0.15 PSU	200.00 ml/min
2/1/2022 11:14 AM	36:00	7.51 pH	14.48 °C	305.80 µS/cm	0.84 mg/L	3.78 NTU	-10.9 mV	82.63 ft	0.15 PSU	200.00 ml/min
2/1/2022 11:18 AM	40:00	7.52 pH	14.64 °C	303.31 µS/cm	0.83 mg/L	4.01 NTU	-10.8 mV	83.77 ft	0.15 PSU	200.00 ml/min
2/1/2022 11:22 AM	44:00	7.52 pH	14.72 °C	302.75 µS/cm	0.84 mg/L	4.07 NTU	-8.2 mV	84.46 ft	0.15 PSU	300.00 ml/min
2/1/2022 11:26 AM	48:00	7.51 pH	14.81 °C	302.92 µS/cm	0.84 mg/L	3.43 NTU	-7.7 mV	85.55 ft	0.15 PSU	300.00 ml/min
2/1/2022 11:30 AM	52:00	7.50 pH	14.95 °C	300.91 µS/cm	0.80 mg/L	4.08 NTU	-4.7 mV	87.12 ft	0.14 PSU	300.00 ml/min
2/1/2022 11:34 AM	56:00	7.49 pH	15.03 °C	299.69 µS/cm	0.80 mg/L	4.81 NTU	-2.7 mV	88.43 ft	0.14 PSU	300.00 ml/min

2/1/2022 11:38 AM	01:00:00	7.49 pH	15.06 °C	300.06 µS/cm	0.79 mg/L	3.06 NTU	-2.0 mV	90.78 ft	0.14 PSU	300.00 ml/min
2/1/2022 11:42 AM	01:04:00	7.49 pH	15.06 °C	299.97 µS/cm	0.81 mg/L	5.13 NTU	-1.6 mV	91.28 ft	0.14 PSU	300.00 ml/min
2/1/2022 11:46 AM	01:08:00	7.49 pH	15.11 °C	301.27 µS/cm	0.82 mg/L	3.91 NTU	-1.5 mV	92.87 ft	0.14 PSU	300.00 ml/min
2/1/2022 11:50 AM	01:12:00	7.49 pH	15.09 °C	300.23 µS/cm	0.86 mg/L	4.58 NTU	-0.6 mV	94.05 ft	0.14 PSU	300.00 ml/min
2/1/2022 11:54 AM	01:16:00	7.48 pH	15.11 °C	301.38 µS/cm	0.89 mg/L	4.87 NTU	-0.2 mV	95.28 ft	0.14 PSU	300.00 ml/min
2/1/2022 11:58 AM	01:20:00	7.49 pH	15.15 °C	300.78 µS/cm	0.90 mg/L	3.68 NTU	0.8 mV	95.28 ft	0.14 PSU	300.00 ml/min
2/1/2022 12:02 PM	01:24:00	7.49 pH	15.24 °C	301.00 µS/cm	0.95 mg/L	4.01 NTU	1.2 mV	95.28 ft	0.14 PSU	300.00 ml/min
2/1/2022 12:06 PM	01:28:00	7.49 pH	15.20 °C	301.08 µS/cm	0.98 mg/L	3.64 NTU	1.7 mV	99.68 ft	0.14 PSU	300.00 ml/min
2/1/2022 12:10 PM	01:32:00	7.49 pH	15.18 °C	300.61 µS/cm	1.00 mg/L	4.23 NTU	2.0 mV	100.33 ft	0.14 PSU	300.00 ml/min
2/1/2022 12:14 PM	01:36:00	7.50 pH	15.18 °C	300.49 µS/cm	1.03 mg/L	3.66 NTU	2.6 mV	102.96 ft	0.14 PSU	300.00 ml/min
2/1/2022 12:18 PM	01:40:00	7.50 pH	15.16 °C	301.19 µS/cm	1.07 mg/L	3.21 NTU	3.0 mV	103.51 ft	0.14 PSU	300.00 ml/min
2/1/2022 12:22 PM	01:44:00	7.50 pH	15.19 °C	301.90 µS/cm	1.09 mg/L	3.46 NTU	3.5 mV	104.57 ft	0.14 PSU	300.00 ml/min
2/1/2022 12:26 PM	01:48:00	7.50 pH	15.16 °C	302.54 µS/cm	1.14 mg/L	4.03 NTU	4.1 mV	105.97 ft	0.15 PSU	300.00 ml/min
2/1/2022 12:30 PM	01:52:00	7.49 pH	15.16 °C	303.38 µS/cm	1.18 mg/L	2.86 NTU	4.5 mV	107.12 ft	0.15 PSU	300.00 ml/min
2/1/2022 12:34 PM	01:56:00	7.50 pH	15.16 °C	304.48 µS/cm	1.24 mg/L	3.01 NTU	5.1 mV	108.54 ft	0.15 PSU	300.00 ml/min
2/1/2022 12:38 PM	02:00:00	7.50 pH	15.16 °C	304.27 µS/cm	1.27 mg/L	2.96 NTU	5.3 mV	109.46 ft	0.15 PSU	300.00 ml/min
2/1/2022 12:42 PM	02:04:00	7.50 pH	15.19 °C	305.78 µS/cm	1.29 mg/L	3.04 NTU	5.5 mV	111.29 ft	0.15 PSU	300.00 ml/min
2/1/2022 12:46 PM	02:08:00	7.51 pH	15.20 °C	305.89 µS/cm	1.36 mg/L	2.56 NTU	5.9 mV	112.48 ft	0.15 PSU	300.00 ml/min
2/1/2022 12:50 PM	02:12:00	7.51 pH	15.24 °C	306.68 µS/cm	1.41 mg/L	4.59 NTU	6.3 mV	113.32 ft	0.15 PSU	300.00 ml/min
2/1/2022 12:54 PM	02:16:00	7.52 pH	15.23 °C	307.87 µS/cm	1.43 mg/L	2.62 NTU	6.5 mV	114.33 ft	0.15 PSU	300.00 ml/min
2/1/2022 12:58 PM	02:20:00	7.51 pH	15.25 °C	308.76 µS/cm	1.47 mg/L	3.07 NTU	6.9 mV	115.48 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:02 PM	02:24:00	7.51 pH	15.25 °C	309.40 µS/cm	1.52 mg/L	2.64 NTU	7.1 mV	116.22 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:06 PM	02:28:00	7.51 pH	15.25 °C	309.82 µS/cm	1.57 mg/L	2.22 NTU	7.3 mV	117.54 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:10 PM	02:32:00	7.51 pH	15.25 °C	310.35 µS/cm	1.61 mg/L	2.02 NTU	7.5 mV	118.98 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:14 PM	02:36:00	7.52 pH	15.28 °C	311.87 µS/cm	1.63 mg/L	2.44 NTU	7.5 mV	120.12 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:18 PM	02:40:00	7.52 pH	15.27 °C	313.01 µS/cm	1.78 mg/L	3.46 NTU	7.8 mV	121.41 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:22 PM	02:44:00	7.53 pH	15.25 °C	314.40 µS/cm	1.82 mg/L	2.65 NTU	7.8 mV	123.10 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:26 PM	02:48:00	7.53 pH	15.25 °C	314.95 µS/cm	1.83 mg/L	2.40 NTU	8.0 mV	124.12 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:30 PM	02:52:00	7.52 pH	15.25 °C	314.96 µS/cm	1.86 mg/L	2.92 NTU	8.5 mV	125.35 ft	0.15 PSU	300.00 ml/min

2/1/2022 1:34 PM	02:56:00	7.53 pH	15.27 °C	317.34 µS/cm	1.83 mg/L	3.52 NTU	8.2 mV	125.98 ft	0.15 PSU	300.00 ml/min
2/1/2022 1:38 PM	03:00:00	7.54 pH	15.25 °C	318.70 µS/cm	1.85 mg/L	2.86 NTU	8.3 mV	126.46 ft	0.15 PSU	120.00 ml/min
2/1/2022 1:42 PM	03:04:00	7.54 pH	15.02 °C	319.40 µS/cm	1.90 mg/L	2.35 NTU	8.3 mV	126.82 ft	0.15 PSU	120.00 ml/min
2/1/2022 1:46 PM	03:08:00	7.59 pH	15.01 °C	309.13 µS/cm	2.25 mg/L	2.30 NTU	5.4 mV	127.14 ft	0.15 PSU	120.00 ml/min
2/1/2022 1:50 PM	03:12:00	7.63 pH	15.00 °C	308.99 µS/cm	2.41 mg/L	3.26 NTU	5.0 mV	127.34 ft	0.15 PSU	120.00 ml/min
2/1/2022 1:54 PM	03:16:00	7.64 pH	15.01 °C	308.99 µS/cm	2.52 mg/L	3.16 NTU	5.5 mV	127.60 ft	0.15 PSU	120.00 ml/min
2/1/2022 1:58 PM	03:20:00	7.64 pH	15.02 °C	312.22 µS/cm	2.51 mg/L	2.87 NTU	5.4 mV	127.98 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:02 PM	03:24:00	7.65 pH	15.07 °C	312.19 µS/cm	2.55 mg/L	3.21 NTU	5.4 mV	128.21 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:06 PM	03:28:00	7.65 pH	15.06 °C	312.49 µS/cm	2.60 mg/L	2.57 NTU	6.0 mV	128.40 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:10 PM	03:32:00	7.65 pH	15.07 °C	313.38 µS/cm	2.64 mg/L	2.72 NTU	5.8 mV	128.68 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:14 PM	03:36:00	7.65 pH	15.07 °C	313.85 µS/cm	2.65 mg/L	2.30 NTU	6.2 mV	128.95 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:18 PM	03:40:00	7.65 pH	15.07 °C	312.83 µS/cm	2.67 mg/L	2.46 NTU	6.5 mV	129.22 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:22 PM	03:44:00	7.65 pH	15.09 °C	312.94 µS/cm	2.62 mg/L	2.60 NTU	6.5 mV	129.44 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:26 PM	03:48:00	7.65 pH	15.11 °C	312.70 µS/cm	2.63 mg/L	2.20 NTU	6.4 mV	129.69 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:30 PM	03:52:00	7.65 pH	15.11 °C	313.03 µS/cm	2.68 mg/L	2.04 NTU	6.6 mV	130.01 ft	0.15 PSU	120.00 ml/min
2/1/2022 2:34 PM	03:56:00	7.66 pH	15.11 °C	312.75 µS/cm	2.72 mg/L	2.07 NTU	6.5 mV	130.21 ft	0.15 PSU	120.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 2/1/2022 11:09:08 AM

Project: Plant Bowen LF January 2022

Operator Name: William Laaker

Location Name: GWC-49Z Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 85.2 ft Total Depth: 95.2 ft Initial Depth to Water: 54.56 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 90.2 ft Estimated Total Volume Pumped: 8840 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 1.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789301
--	---	--

Test Notes:

Prepurged 1 L

Fine black sediment in water. pH out of range, therefore pumped an hour to attempt to bring into range, with no effect.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/1/2022 11:09 AM	00:00	5.62 pH	15.30 °C	23.75 µS/cm	7.45 mg/L	0.99 NTU	104.6 mV	55.25 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:13 AM	04:00	5.21 pH	15.39 °C	24.22 µS/cm	7.76 mg/L	1.07 NTU	102.0 mV	55.34 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:17 AM	08:00	5.10 pH	15.53 °C	24.26 µS/cm	7.78 mg/L	0.99 NTU	99.7 mV	55.44 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:21 AM	12:00	5.06 pH	15.64 °C	24.32 µS/cm	7.80 mg/L	0.88 NTU	98.7 mV	55.50 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:25 AM	16:00	5.02 pH	15.75 °C	24.33 µS/cm	7.80 mg/L	1.01 NTU	99.4 mV	55.55 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:29 AM	20:00	5.03 pH	15.93 °C	24.33 µS/cm	7.69 mg/L	1.14 NTU	98.3 mV	55.60 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:33 AM	24:00	5.03 pH	15.93 °C	24.37 µS/cm	7.61 mg/L	1.25 NTU	98.7 mV	55.64 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:37 AM	28:00	5.00 pH	16.20 °C	24.36 µS/cm	7.58 mg/L	1.36 NTU	99.1 mV	55.65 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:41 AM	32:00	5.03 pH	16.02 °C	24.32 µS/cm	7.59 mg/L	1.38 NTU	98.2 mV	55.66 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:45 AM	36:00	5.01 pH	16.11 °C	24.34 µS/cm	7.65 mg/L	1.16 NTU	98.7 mV	55.67 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:49 AM	40:00	5.03 pH	16.38 °C	24.17 µS/cm	7.62 mg/L	1.08 NTU	97.8 mV	55.67 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:53 AM	44:00	5.03 pH	16.52 °C	24.14 µS/cm	7.63 mg/L	0.96 NTU	97.7 mV	55.67 ft	0.01 PSU	130.00 ml/min
2/1/2022 11:57 AM	48:00	5.05 pH	16.25 °C	24.20 µS/cm	7.72 mg/L	1.02 NTU	97.2 mV	55.67 ft	0.01 PSU	130.00 ml/min
2/1/2022 12:01 PM	52:00	4.99 pH	16.64 °C	23.96 µS/cm	7.65 mg/L	0.84 NTU	99.5 mV	55.67 ft	0.01 PSU	130.00 ml/min
2/1/2022 12:05 PM	56:00	4.99 pH	16.70 °C	23.94 µS/cm	7.68 mg/L	0.74 NTU	99.5 mV	55.66 ft	0.01 PSU	130.00 ml/min

2/1/2022 12:09 PM	01:00:00	5.01 pH	16.58 °C	23.94 µS/cm	7.72 mg/L	0.81 NTU	98.5 mV	55.65 ft	0.01 PSU	130.00 ml/min
2/1/2022 12:13 PM	01:04:00	5.03 pH	16.65 °C	23.96 µS/cm	7.73 mg/L	1.02 NTU	98.0 mV	55.65 ft	0.01 PSU	130.00 ml/min
2/1/2022 12:17 PM	01:08:00	5.00 pH	16.92 °C	23.84 µS/cm	7.68 mg/L	0.79 NTU	98.9 mV	55.65 ft	0.01 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-49Z	Metals, Inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/1/2022 11:28:48 AM

Project: Plant Bowen LF January 2022

Operator Name: Robert Mull

Location Name: GWC-47 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 57.63 ft Total Depth: 67.63 ft Initial Depth to Water: 39.7 ft	Pump Type: QED Dedicated Pump Tubing Type: LDPE Pump Intake From TOC: 62.63 ft Estimated Total Volume Pumped: 4144 ml Flow Cell Volume: 90 ml Final Flow Rate: 148 ml/min Final Draw Down: -0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 789310
--	--	--

Test Notes:

Prepurged 0.5L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	
2/1/2022 11:28 AM	00:00	7.82 pH	18.62 °C	192.69 µS/cm	7.75 mg/L	1.49 NTU	25.9 mV	39.70 ft	148.00 ml/min
2/1/2022 11:32 AM	04:00	7.68 pH	17.60 °C	200.68 µS/cm	3.76 mg/L	1.43 NTU	20.3 mV	39.70 ft	148.00 ml/min
2/1/2022 11:36 AM	08:00	7.62 pH	17.37 °C	201.72 µS/cm	3.43 mg/L	2.25 NTU	18.6 mV	39.69 ft	148.00 ml/min
2/1/2022 11:40 AM	12:00	7.58 pH	17.35 °C	202.04 µS/cm	3.36 mg/L	2.38 NTU	17.8 mV	39.68 ft	148.00 ml/min
2/1/2022 11:44 AM	16:00	7.57 pH	17.39 °C	201.82 µS/cm	3.36 mg/L	2.20 NTU	17.0 mV	39.68 ft	148.00 ml/min
2/1/2022 11:48 AM	20:00	7.57 pH	17.30 °C	201.43 µS/cm	3.33 mg/L	2.01 NTU	16.6 mV	39.68 ft	148.00 ml/min
2/1/2022 11:52 AM	24:00	7.56 pH	17.26 °C	201.20 µS/cm	3.36 mg/L	1.82 NTU	16.3 mV	39.67 ft	148.00 ml/min
2/1/2022 11:56 AM	28:00	7.55 pH	17.30 °C	200.51 µS/cm	3.36 mg/L	1.86 NTU	16.8 mV	39.67 ft	148.00 ml/min

Samples

Sample ID:	Description:
GWC-47	Metals, inorganics, TDS, Alkalinity

Low-Flow Test Report:

Test Date / Time: 2/1/2022 11:39:18 AM

Project: Plant Bowen LF January 2022

Operator Name: Meredith Duncan

Location Name: GWC-45 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 57.55 ft Total Depth: 67.55 ft Initial Depth to Water: 43.05 ft	Pump Type: QED Dedicated Tubing Type: LDPE Pump Intake From TOC: 62.55 ft Estimated Total Volume Pumped: 9520 ml Flow Cell Volume: 90 ml Final Flow Rate: 140 ml/min Final Draw Down: 3.39 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
---	--	--

Test Notes:

Prepurge 5L

Pumped for an extra hour in an attempt to get pH in range, to no effect

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000 %	+/- 5 %	+/- 10 %	+/- 5	+/- 1000 %	+/- 0.3	+/- 1000 %	
2/1/2022 11:39 AM	00:00	4.91 pH	16.72 °C	0.29 µS/cm	5.30 mg/L	0.40 NTU	139.2 mV	44.69 ft	0.00 PSU	140.00 ml/min
2/1/2022 11:43 AM	04:00	4.86 pH	16.71 °C	0.29 µS/cm	5.54 mg/L	0.21 NTU	134.0 mV	44.75 ft	0.00 PSU	140.00 ml/min
2/1/2022 11:47 AM	08:00	4.86 pH	16.80 °C	0.30 µS/cm	5.61 mg/L	0.33 NTU	133.2 mV	44.91 ft	0.00 PSU	140.00 ml/min
2/1/2022 11:51 AM	12:00	4.87 pH	16.81 °C	0.30 µS/cm	5.73 mg/L	0.33 NTU	132.5 mV	45.07 ft	0.00 PSU	140.00 ml/min
2/1/2022 11:55 AM	16:00	4.87 pH	16.86 °C	0.30 µS/cm	5.76 mg/L	0.23 NTU	132.6 mV	45.21 ft	0.00 PSU	140.00 ml/min
2/1/2022 11:59 AM	20:00	4.86 pH	16.88 °C	0.30 µS/cm	5.76 mg/L	0.21 NTU	133.2 mV	45.32 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:03 PM	24:00	4.87 pH	16.94 °C	0.30 µS/cm	5.75 mg/L	0.18 NTU	132.7 mV	45.50 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:07 PM	28:00	4.88 pH	16.99 °C	0.30 µS/cm	5.74 mg/L	0.16 NTU	132.7 mV	45.60 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:11 PM	32:00	4.87 pH	17.03 °C	0.30 µS/cm	5.76 mg/L	0.09 NTU	132.6 mV	45.72 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:15 PM	36:00	4.88 pH	17.08 °C	0.30 µS/cm	5.76 mg/L	0.09 NTU	132.9 mV	45.83 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:19 PM	40:00	4.88 pH	17.10 °C	0.30 µS/cm	5.76 mg/L	0.12 NTU	133.5 mV	45.94 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:23 PM	44:00	4.88 pH	17.21 °C	0.30 µS/cm	5.77 mg/L	0.23 NTU	133.0 mV	46.01 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:27 PM	48:00	4.88 pH	17.21 °C	0.30 µS/cm	5.77 mg/L	0.07 NTU	133.5 mV	46.12 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:31 PM	52:00	4.87 pH	17.25 °C	0.30 µS/cm	5.78 mg/L	0.09 NTU	133.2 mV	46.21 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:35 PM	56:00	4.87 pH	17.30 °C	0.30 µS/cm	5.79 mg/L	0.10 NTU	134.1 mV	46.24 ft	0.00 PSU	140.00 ml/min

2/1/2022 12:39 PM	01:00:00	4.87 pH	17.34 °C	0.30 µS/cm	5.76 mg/L	0.10 NTU	134.5 mV	46.35 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:43 PM	01:04:00	4.87 pH	17.39 °C	0.30 µS/cm	5.79 mg/L	0.15 NTU	133.9 mV	46.41 ft	0.00 PSU	140.00 ml/min
2/1/2022 12:47 PM	01:08:00	4.88 pH	17.52 °C	0.30 µS/cm	5.80 mg/L	0.06 NTU	134.9 mV	46.44 ft	0.00 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-45	Metals, Inorganics, TDS, Alkalinity

EQUIPMENT CALIBRATION LOG

<i>Kevin Shepherd</i>	11/25/22	125.2	1402
Serial # <i>989317</i>	From Serial Log <i>LA9449 2020</i>		
By <i>Kevin SF</i>	Water Column <i>55928° 0%</i>		

Calibration Log

	Standard Lot # Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(per 100% water saturated air sat)</small>				<i>103.68</i>	
Specific Conductance (µmhos)	21476832 04/23	<i>11.30</i>	4000	<i>4330.8</i>	
pH (4)	21476832 04/24	<i>11.74</i>	4	<i>4.39</i>	<i>Slow to Cal. instrument and changed buffer still high</i>
pH (7)	21388182 04/23	<i>11.37</i>	7	<i>7.41</i>	
pH (10)	20000056 04/23	<i>10.71</i>	10	<i>10.29</i>	
TDS (mg/l)	21149143 04/23	<i>11.02</i>	220	<i>232.3</i>	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Conductivity @ 25°C	0	<i>0.17</i>	±0.1 0%	<input checked="" type="radio"/>	<input type="radio"/>	
Conductivity @ 25°C	1	<i>0.81</i>	±0.1 0%	<input checked="" type="radio"/>	<input type="radio"/>	
Conductivity @ 25°C	10	<i>10.43</i>	±0.1 0%	<input checked="" type="radio"/>	<input type="radio"/>	

	Temp of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (4) check		4	<i>4.10</i>	±0.1 0%	<input checked="" type="radio"/>	<input type="radio"/>	
Mid Day pH (7) check		7	<i>7.08</i>	±0.1 0%	<input checked="" type="radio"/>	<input type="radio"/>	
Mid Day pH (10) check		10	<i>10.10</i>	±0.1 0%	<input checked="" type="radio"/>	<input type="radio"/>	

Field Technician: Robert Mull	Date: 4/25/22	Asset ID: 0835	Asset (MID) ID: 1640
Asset ID: 789310	Equipment Make/Type: LaMotte 2020	Asset (MID) ID: 7042-3812	
Location: Plant Room Cells 3rd	Technician: Zell, Charles, S.P.F.		

Calibration Log

	Standard Lot # (Date of Expiration)	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) Eqs. 10% water saturated air sat				101.61	
Specific Conductance (µmhos)	11470032 04/23	6.15	400	4192.9	
pH (r)	11470032 04/24	6.27	4	4.03	
pH (r)	11388002 04/23	6.12	7	7.12	
pH (r)	20080056 04/23	6.13	10	10.26	
ORP (mV)	11140143 04/23	6.08	228	220.5	

	Temp of Standard (°C)	Value of Standard	Instrument Reading	Acceptable Range	Pass?	Comments
Turbidity 0 NTU		0	0.03	<= 0.1 NTU	<input checked="" type="checkbox"/> No	
Turbidity 1 NTU		1	0.80	<= 0.1 NTU	<input checked="" type="checkbox"/> No	
Turbidity 10 NTU		10	9.61	<= 0.1 NTU	<input checked="" type="checkbox"/> No	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?	Comments
150 Day pH (r) check	13.81	4	4.15	<= 0.10	No <input checked="" type="checkbox"/>	only 0.056V out
150 Day pH (r) check	14.78	7	7.01	<= 0.10	<input checked="" type="checkbox"/> No	
150 Day pH (r) check	14.90	10	10.11	<= 0.10	No <input checked="" type="checkbox"/>	only 0.015V v.r

Operator: <u>Meredith Deacon</u>	Date: <u>01/25/22</u>	Time: <u>09:34</u>	Location: <u>1630</u>
Instrument: <u>789 301</u>	Manufacturer: <u>La Motte Brown</u>		Serial Number: <u>9429-4417</u>
Model: <u>Brain LF</u>	Weather: <u>45° Partly Cloudy</u>		

Calibration Log

	Standard Lot #1 Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Sp, 100% water saturated air sat)</small>				<u>103.78</u>	
Specific Conductance (uS/cm)	21470632 04/23	<u>8.45</u>	4000	<u>4,428</u>	
pH (v)	21470632 04/24	<u>8.18</u>	4	<u>4.03</u>	
pH (v)	21380082 04/23	<u>7.85</u>	7	<u>7.05</u>	
pH (v)	20880056 04/23	<u>7.74</u>	10	<u>10.17</u>	
ORP (mV)	21140043 04/23	<u>7.72</u>	220	<u>223.6</u>	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Calibration 0 (v)	0	<u>0.00</u>	-0.1000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Calibration 1 (v)	1	<u>1.06</u>	-0.1000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Calibration 10 (v)	10	<u>10.21</u>	-0.1000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (v) check	<u>13.67</u>	4	0.00	-0.1000	<input type="checkbox"/>	<input type="checkbox"/>	<u>4.19</u>
Mid Day pH (v) check	<u>13.72</u>	7	1.06	-0.1000	<input type="checkbox"/>	<input type="checkbox"/>	<u>7.28</u>
Mid Day pH (v) check	<u>14.44</u>	10	10.21	-0.1000	<input type="checkbox"/>	<input type="checkbox"/>	<u>10.23</u>

EQUIPMENT CALIBRATION LOG

Field Technician	Meredith Duncan	Date	01/26/22	Time of calibration	0825	Time/Date of Check	1619
Equipment ID	789310	Calibration Meter Type	la motte	7042-3818			
Point	Bowen LF	Weather Conditions	30°F Sunny				

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(100% DO% water saturated air sat)</small>				99.11	
Specific Conductance (µmhos)	21479832 04/23	6.82	4090	4513.7	
pH (25)	21479832 04/24	5.74	4	3.92	
pH (15)	21388092 04/23	5.29	7	6.99	
pH (5)	20080056 04/23	5.67	10	10.09	
ORP (mV)	21148043 04/23	5.93	228	228.2	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 1NTU	0	0.00	±0.1 NTU	Yes	No	
Turbidity @ 3NTU	1	0.87	±0.2 NTU	Yes	No	
Turbidity @ 10NTU	10	9.88	±0.2 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass?		Comments
Mid-Day pH (6) check	13.79	4	4.24	±0.1 00'	Yes	No	
Mid-Day pH (7) check	12.50	7	7.21	±0.1 00'	Yes	No	
Mid-Day pH (10) check	12.43	10	10.24	±0.1 00'	Yes	No	

EQUIPMENT CALIBRATION LOG

Field Operator: William Looper	Date: 1/26/22	Time of day: 8:45	Sample ID/Job Code: 1505
Account ID: 789301	Customer Name: LaMotte 2020	Tel: 9429-4417	
From: Jan 2022 LF Semi	Weather/Conditions: 48°/27° sunny, windy		

Calibration Log

	Standard Lot #/ Date of Expiration	Temp of Standard (°F)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(App. 100% water saturated air sat)</small>				99.63	
Specific Conductance (µmhos)	21470832 04/23	3.8	4000	4589.6	
pH (1)	21470832 04/24	4.18	4	4.42	
pH (2)	21368182 04/23	5.57	7	7.26	
pH (3)	20800056 04/23	5.75	10	10.11	
ORP (mV)	21140143 04/23	5.76	228	254.8	

		Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity (NTU)		0	0.00	<= 0.1 NTU	Yes	No	
Turbidity (1 NTU)		1	1.19	<= 0.1 NTU	Yes	No	
Turbidity (10 NTU)		10	9.79	<= 0.1 NTU	Yes	No	

		Temp of Standard (°F)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
Mid-Range pH (1) check		14.48	4	3.73	<= 0.1 NTU	Yes	No	
Mid-Range pH (2) check		13.76	7	7.02	<= 0.1 NTU	Yes	No	
Mid-Range pH (3) check		13.40	10	10.26	<= 0.1 NTU	Yes	No	

EQUIPMENT CALIBRATION LOG

Calibration Location: <u>Wageningen</u>	Date: <u>1/23/22</u>	Time Calibration: <u>11:55</u>	Date (M/D/Y): <u>2022-03-20</u>
Instrument ID: <u>749317</u>	Instrument Name: <u>YSI 7022</u>		Operator: <u>9880417</u>
Operator: <u>B. Brouwer</u>	Units/Conditions: <u>5M/22° / 0%</u>		

Calibration Log

Standard (Lot #) Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading of Calibration	Comments
000 (%) <small>(Exp. 08/24 water contained in cell)</small>			<u>10.15</u>	
Specific Conductance (µmhos)	<u>21470032 04/23</u> <u>5.19</u>	<u>470</u>	<u>4.864</u>	
pH 10	<u>21470032 04/24</u> <u>4.40</u>	<u>4</u>	<u>4.00</u>	
pH 7	<u>21380082 04/23</u> <u>4.09</u>	<u>7</u>	<u>7.05</u>	
pH 4	<u>20080056 04/23</u> <u>4.75</u>	<u>10</u>	<u>10.18</u>	
TEMP (°C)	<u>21140143 04/23</u> <u>4.05</u>	<u>228</u>	<u>237.1</u>	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?	Comments
Turbidity @ 1 NTU	<u>0</u>	<u>0.00</u>	<u>0-0.1 NTU</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Turbidity @ 2 NTU	<u>1</u>	<u>0.80</u>	<u>0-0.1 NTU</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Turbidity @ 10 NTU	<u>10</u>	<u>10.25</u>	<u>0-0.1 NTU</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

	Temp of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass?	Comments
Mid Day pH (10) check	<u>9.69</u>	<u>4</u>	<u>4.13</u>	<u>0-0.1 NTU</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Mid Day pH (7) check	<u>8.46</u>	<u>7</u>	<u>7.19</u>	<u>0-0.1 NTU</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Mid Day pH (4) check	<u>7.74</u>	<u>10</u>	<u>10.17</u>	<u>0-0.1 NTU</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Client/Contractor: Meredith Duncan	Date: 01/27/22	Time of day: 0850	Time (Mid-day Check): 1633
Asset/ID: 850762	Calibrate Meter Type: la motte	ID: 7042-3818	
From: Bowen LF	Weather/Location: 32°F Sunny		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Sp. 100% water saturated air sat)</small>				100.29	
Specific Conductance (µmhos)	21478832 04/23	2.45	4490	4508.9	
pH (4)	21478832 04/24	2.50	4	4.25	
pH (7)	21388182 04/23	2.50	7	7.12	
pH (10)	20088854 04/23	2.46	10	10.69	
ORP (mV)	21148143 04/23	2.32	228	230	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 0 NTU	0	0.00	±0.1 NTU	Yes	No	
Turbidity @ 1 NTU	1	0.95	±0.1 NTU	Yes	No	
Turbidity @ 10 NTU	10	9.75	±0.1 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (4) check	17.70	4	4.13	±0.100	Yes	No	
Mid Day pH (7) check	16.14	7	7.12	±0.100	Yes	No	
Mid Day pH (10) check	15.18	10	10.70	±0.100	Yes	No	

EQUIPMENT CALIBRATION LOG

Equipment: Robot Mill	Date: 1/27/22	Time of Day: 0825	Temp: 1555
Serial No: 789310	Service No: L-Milk 31022	Phone: 9453-4417	
Location: Plant Bowen Cells 364	Weather: Partly Cloudy, 35°F		

Calibration Log

	Standard Lot # (Date of Expiration)	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Sp. DO% water saturated air sat)				100.8%	
Specific Conductance (µmhos)	21479932 04/23	-0.6	4499	43.827	
pH (m)	21479932 04/24	-0.8	4	4.15	
pH (r)	21388182 04/23	-0.13	7	7.03	
pH (m)	28888956 04/23	0.09	10	10.17	
ORP (mV)	21169143 04/23	-0.02	228	256.6	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Accuracy @ 0%	0	0.05	-0.1 (N)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Accuracy @ 1%	1	0.81	-0.1 (N)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Accuracy @ 10%	10	10.37	-0.1 (N)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (H)-check		4	4.20	-0.1 (N)	<input type="checkbox"/>	<input type="checkbox"/>	
Mid Day pH (r)-check		7	7.31	-0.1 (N)	<input type="checkbox"/>	<input type="checkbox"/>	
Mid Day pH (m)-check		10	10.06	-0.1 (N)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

EQUIPMENT CALIBRATION LOG

Technician: William Loebner	Date: 1/17/22	Time of Day: 8:46	Time of Day (GMT): 4:25
Equipment ID: 789301	Equipment Make/Type: LaMotte 2020	ID: 9429-4417	
From: Jan 2022 LF Semi	Weather/Conditions: 52°/25° sunny		

Calibration Log

	Standard Label / Size of Equipment	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Dist. 100% water returned to lab)				99.28	
Specific Conductance (uS/cm)	21478032 84/23	3.87	4198	4228.5	
pH (m)	21478032 84/24	3.42	4	3.90	
pH (r)	21388192 84/23	1.80	7	6.99	
pH (cm)	20888054 84/23	1.59	18	16.09	
ORP (mV)	21148143 84/23	1.50	228	237.8	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity (NTU)	0	0.03	<= 0.1 NTU	Yes	No	
Turbidity (NTU)	1	1.14	<= 0.1 NTU	Yes	No	
Turbidity (NTU)	18	9.67	<= 0.1 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
High Range pH (10 check)	12.27	4	4.28	<= 0.100	Yes	No	
Mid Range pH (7 check)	12.67	7	7.36	<= 0.100	Yes	No	
Low Range pH (275 check)	12.68	18	16.23	<= 0.100	Yes	No	

EQUIPMENT CALIBRATION LOG

<i>Field Name: Valley Stream Station</i>	Date: <i>1/28/22</i>	Tech: <i>Colleen Vasson</i>	Tech: <i>Mike Galt</i>
<i>Instrument: J2937</i>	<i>Manufacturer: L. J. Motta 2000</i>	<i>Model: 2000-0120</i>	
<i>LF Basin</i>	<i>Serial Number: 44120-090</i>		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Eq. 100% water saturated at pH)</small>				<i>96.20</i>	
Specific Conductance (uS/cm)	<i>21479932 04/23</i>	<i>9.14</i>	<i>499</i>	<i>445.3</i>	
pH (m)	<i>21479932 04/24</i>	<i>8.04</i>	<i>4</i>	<i>4.02</i>	
pH (V)	<i>21350192 04/23</i>	<i>7.32</i>	<i>7</i>	<i>7.10</i>	
pH (mV)	<i>20000056 04/23</i>	<i>2.52</i>	<i>10</i>	<i>10.05</i>	
ORP (mV)	<i>21140143 04/23</i>	<i>9.24</i>	<i>228</i>	<i>222.2</i>	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 1 NTU	<i>0</i>	<i>0.01</i>	<i>±0.1 NTU</i>	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Turbidity @ 5 NTU	<i>1</i>	<i>1.00</i>	<i>±0.1 NTU</i>	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Turbidity @ 10 NTU	<i>10</i>	<i>10.23</i>	<i>±0.1 NTU</i>	<input checked="" type="radio"/> Yes	<input type="radio"/> No	

	Temp of Standard (°C)	Value of Standard	Field Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (m) check		<i>8.34</i>	<i>4.12</i>	<i>±0.10</i>	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Mid Day pH (V) check		<i>8.70</i>	<i>7.26</i>	<i>±0.10</i>	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<i>Cold?</i>
Mid Day pH (mV) check		<i>9.50</i>	<i>10.28</i>	<i>±0.10</i>	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<i>Cold?</i>

EQUIPMENT CALIBRATION LOG

Field Technician: Meredith Duncan	Date: 01/28/22	Time of Calibration: 0825	Flow (Mgd./Day/Year): 1142
Asset/Field ID: 850762	Factory Model Type: la motte	SN: 7042-3818	
Asset: Bowen LF	Weather Conditions: 32°F Cloudy		

Calibration Log

	Standard Lot # (Date of Expiration)	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Typ. 100% water saturated air sat)				100.07	
Specific Conductance (µmhos)	21479832 04/23	4.06	4090	4863.5	
pH (4)	21479832 04/24	4.59	4	3.80	
pH (7)	21388082 04/23	4.99	7	6.95	
pH (10)	20088056 04/23	4.07	10	10.19	
ORP (mV)	21148143 04/23	4.89	228	253.3	

	Value of Standard	Instrument Reading	Acceptable Range	Pass		Comments
Turbidity 0 NTU	0	0.06	<= 0.1 NTU	Yes	No	
Turbidity 1 NTU	1	1.46	<= 0.2 NTU	Yes	No	
Turbidity 10 NTU	10	10.20	<= 0.2 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Post-Calibration Reading	Acceptable Range	Pass		Comments
Mid-Day pH (4) check	7.48	4	4.00	<= 0.05	Yes	No	
Mid-Day pH (7) check	7.54	7	7.31	<= 0.05	Yes	No	
Mid-Day pH (10) check	8.11	10	10.14	<= 0.05	Yes	No	

Technician: <u>Robert Mull</u>	Date: <u>1/28/22</u>	Time: <u>0820</u>	Temp: <u>11.25</u>
Equipment ID: <u>783910</u>	Location: <u>Plant Bayou Cells 344</u>		
Description: <u>Plant Bayou Cells 344</u>		Ambient Temp: <u>Clarity 35°F</u>	

Calibration Log

Parameter	Standard Lot # / Item # / Expression	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Typ. 100% water saturated air sat)</small>				<u>100.7</u>	
Specific Conductance (µmhos)	<u>11470032 0423</u>	<u>7.61</u>	<u>4090</u>	<u>4635.3</u>	
pH (N)	<u>11470032 0424</u>	<u>7.60</u>	<u>4</u>	<u>3.98</u>	
pH (N)	<u>11380102 0423</u>	<u>7.71</u>	<u>7</u>	<u>7.05</u>	
pH (N)	<u>20080056 0423</u>	<u>7.82</u>	<u>10</u>	<u>10.01</u>	
ORP (mV)	<u>11140143 0423</u>	<u>7.81</u>	<u>210</u>	<u>227.3</u>	

Turbidity (NTU)	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
				Y	N	
Turbidity 4 (NTU)		<u>0</u>	<u>0-1 (NTU)</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Turbidity 1 (NTU)		<u>0.76</u>	<u>0-1 (NTU)</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Turbidity 0 (NTU)		<u>9.84</u>	<u>0-1 (NTU)</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

pH (N) check	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
					Y	N	
Mid Day pH (N) check	<u>7.61</u>	<u>4</u>	<u>4.10</u>	<u>0-1 (N)</u>	<input type="checkbox"/>	<input type="checkbox"/>	
Mid Day pH (N) check	<u>7.53</u>	<u>7</u>	<u>7.33</u>	<u>0-1 (N)</u>	<input type="checkbox"/>	<input type="checkbox"/>	
Mid Day pH (N) check	<u>10.22</u>	<u>10</u>	<u>10.21</u>	<u>0-1 (N)</u>	<input type="checkbox"/>	<input type="checkbox"/>	

EQUIPMENT CALIBRATION LOG

Calibration Technician: William Locker	Date: 1/28/22	Time of Day: 8:20	Location: 12:30
Equipment ID: T84301	Calibration Method: LaMotte 2020	Lot #: 4429-4417	
From: Jan 2022 LF Semi	Weather Conditions: 45°/25° cloudy		

Calibration Log

	Standard Lot # - Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Sp. DO% is water corrected per table)</small>				101.95	
Specific Conductance (µmhos)	21470032 04/23	2.76	4790	4882.9	
pH (mV)	21470032 04/24	7.78	4	4.46	
pH (°C)	21360102 04/23	3.64	7	7.29	
pH (mV)	20080054 04/23	3.45	10	9.92	
DOF (mV)	21140143 04/23	3.55	228	223.1	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 1 NTU	9	0.01	≤ 0.1 NTU	Yes	No	
Turbidity @ 1 NTU	1	1.21	≤ 0.1 NTU	Yes	No	
Turbidity @ 10 NTU	10	10.17	≤ 0.1 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (mV) check	7.51	4	3.93	≤ 0.1 mV	Yes	No	
Mid Day pH (°C) check	5.176	7	5.643	≤ 0.1 mV	Yes	No	
Mid Day pH (mV) check	8.98	10	10.10	≤ 0.1 mV	Yes	No	

EQUIPMENT CALIBRATION LOG

Instrument: <i>Yokogawa</i>	Date: <i>1/21/22</i>	Technician: <i>U.S.</i>	Instrument ID: <i>1434</i>
Model: <i>78337</i>	Manufacturer: <i>Yokogawa 2020</i>	Serial Number: <i>9483-4417</i>	
Location: <i>Basin 1E</i>	Water Content: <i>55% 32.0%</i>		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Sp. DO% value corrected for sal)</small>				<i>94.56</i>	
Specific Conductance (uS/cm)	<i>21479832 04/23</i>	<i>2.80</i>	<i>4790</i>	<i>4874.9</i>	
pH (m)	<i>21479832 04/24</i>	<i>7.46</i>	<i>4</i>	<i>3.89</i>	
pH (r)	<i>21380882 04/23</i>	<i>6.63</i>	<i>7</i>	<i>7.04</i>	
pH (m)	<i>20080056 04/23</i>	<i>6.43</i>	<i>10</i>	<i>10.08</i>	
ORP (mV)	<i>21148143 04/23</i>	<i>6.92</i>	<i>228</i>	<i>229.1</i>	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Stability @ 5%V	<i>0</i>	<i>0.16</i>	<i>±0.1 NDU</i>	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Stability @ 1%V	<i>1</i>	<i>0.91</i>	<i>±0.1 NDU</i>	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Stability @ 10%V	<i>10</i>	<i>9.57</i>	<i>±0.1 NDU</i>	<input checked="" type="radio"/> Yes	<input type="radio"/> No	

	Date of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (m) check		<i>9.13</i>	<i>4.17</i>	<i>±0.1 (M)</i>	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No	
Mid Day pH (r) check		<i>9.60</i>	<i>7.28</i>	<i>±0.1 (M)</i>	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No	
Mid Day pH (m) check		<i>10.19</i>	<i>10.30</i>	<i>±0.1 (M)</i>	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No	

Field Technician: Meredith Duncan	Date: 01/31/22	Time/Location: 0823	Time/Station/Check: 1608
Equipment ID: 850762	Equipment Make/Type: la motte	Serial Number: 7042-3818	
Operator: Bowen LF	Weather Conditions: 32°F Partly Cloudy		

Calibration Log

	Standard Lot # (Date of Expiration)	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Typ. 80% water saturated air sat)				100.62	
Specific Conductance (µmhos)	21479832 04/23	4.25	4490	4589.8	
pH (4)	21479832 04/24	2.19	4	3.91	
pH (7)	21386142 04/23	3.89	7	6.99	
pH (10)	20059056 04/23	4.45	10	9.81	
ORP (mV)	21140143 04/23	4.74	228	258	

	Value of Standard	Instrument Reading	Acceptable Range	Pass		Comments
Turbidity @ 1 NTU	0	-0.02	<= 0.1 NTU	Yes	No	
Turbidity @ 1 NTU	1	0.67	<= 0.1 NTU	Yes	No	
Turbidity @ 1 NTU	10	9.69	<= 0.1 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass		Comments
Match Day pH (4) check	11.39	4	4.47	<= 0.1 pH	Yes	No	
Match Day pH (7) check	11.23	7	7.50	<= 0.1 pH	Yes	No	
Match Day pH (10) check	12.28	10	10.30	<= 0.1 pH	Yes	No	

EQUIPMENT CALIBRATION LOG

Client Name: Robert M. Hill	Date: 11/31/22	Time of day: 12:49	Time (GMT-08:00):
Asset ID: 78930	Location: Laurel 2000	Operator: 7-168-0500	
Asset Name: Bowen Landfill	Weather Conditions: Partly Cloudy 55°F		

Calibration Log

	Standard Cat # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(opt. 100% error indicated per cell)</small>				100.26	
Specific Conductance (µmhos)	21479832 04/23	7.10	4490	4539.0	
pH (4)	21479832 04/24	7.27	4	4.02	
pH (7)	21388182 04/23	8.57	7	7.12	
pH (10)	20080854 04/23	9.22	10	10.03	
ORP (volts)	21140143 04/23	9.54	228	247.8	

	Temp of Standard (°C)	Value of Standard	Instrument Reading	Acceptable Range	Pass	Fail	Comments
Turbidity @ 100%		0	0.00	±0.1 NTU	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Turbidity @ 1 NTU		1	1.39	±0.1 NTU	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Turbidity @ 10 NTU		10	10.42	±0.1 NTU	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass	Fail	Comments
Hot Day pH (4) check		4	4.16	±0.10	Yes	No	
Hot Day pH (7) check		7	7.28	±0.10	Yes	No	
Hot Day pH (10) check		10	10.22	±0.10	Yes	No	

EQUIPMENT CALIBRATION LOG

Performed by: William Loaker Date: 1/31/22 Time of Day: 8:53 Day of Week: 15:20
 Instrument: 789301 Manufacturer: LaMotte 2020 ID: 9429-4417
 From: Jan 2022 LF Semi Water Condition: 54°/27° partly cloudy

Calibration Log

	Standard Lot # or Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Type, 100% water saturated air sat)				99.67	
Specific Conductance (µmhos)	21479632 04/23	18.86	4000	4472.0	
pH (m)	21479632 04/24	12.01	4	3.95	
pH (r)	21388002 04/23	12.85	7	6.98	
pH (m)	20088056 04/23	12.62	10	10.04	
ORP (mV)	21148043 04/23	12.28	228	208.3	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Stability (mV)	0	0.03	±0.1 (mV)	Yes	No	
Stability (mV)	1	1.16	±0.1 (mV)	Yes	No	
Stability (mV)	10	9.66	±0.1 (mV)	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (m check)	18.60	4	4.02	±0.1 (mV)	Yes	No	
Mid Day pH (r check)	15.97	7	7.07	±0.1 (mV)	Yes	No	
Mid Day pH (m check)	15.97	10	9.79	±0.1 (mV)	Yes	No	

EQUIPMENT CALIBRATION LOG

Technician: Karla Stephenson Date: 2/1/22 Instrument ID: 522 Date Made Good: 1992
 Model: 789307 Serial No: 100000000
 Location: LF Bureau Calibration: 60/438.09/0

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Type, 100% water returned air sat)</small>				<u>60.27</u>	
Specific Conductance (µmhos)	<u>21470032 04/23</u>	<u>7.98</u>	<u>4490</u>	<u>4490.6</u>	
pH (m)	<u>21470032 04/24</u>	<u>7.67</u>	<u>4</u>	<u>4.02</u>	
pH (°C)	<u>21500100 04/23</u>	<u>7.00</u>	<u>7</u>	<u>7.07</u>	
pH (m)	<u>20050056 04/23</u>	<u>6.90</u>	<u>10</u>	<u>6.17</u>	
ORP (mV)	<u>21140143 04/23</u>	<u>7.00</u>	<u>328</u>	<u>324.7</u>	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?	Comments
Accuracy @ 0 mV	<u>0</u>	<u>0.03</u>	<u>±0.1 mV</u>	<u>Yes</u> <u>No</u>	
Accuracy @ 1 mV	<u>1</u>	<u>0.89</u>	<u>±0.1 mV</u>	<u>Yes</u> <u>No</u>	
Accuracy @ 10 mV	<u>10</u>	<u>9.51</u>	<u>±0.1 mV</u>	<u>Yes</u> <u>No</u>	

	Temp of Standard (°C)	Value of Standard	Post-Calibration Reading	Acceptable Range	Pass?	Comments
Mid-Range pH (m) check	<u>7.052</u>	<u>4</u>	<u>4.17</u>	<u>±0.1 mV</u>	<u>Yes</u> <u>No</u>	
Mid-Range pH (°C) check	<u>7.011</u>	<u>7</u>	<u>7.14</u>	<u>±0.1 mV</u>	<u>Yes</u> <u>No</u>	
Mid-Range pH (m) check	<u>6.50</u>	<u>10</u>	<u>6.32</u>	<u>±0.1 mV</u>	<u>Yes</u> <u>No</u>	

EQUIPMENT CALIBRATION LOG

Field Technician: Meredith Duncan	Date: 2/1/22	Time of calibration: 0830	Lot/Model/Qty: 1525
Apparatus ID: 850762	Turbidity Meter Type: la motte	ID: 7042-3818	
Process: Bowen LF	Water Temperature: 38°F		

Calibration Log

	Standard Lot # (Date of Expiration)	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (µM) <small>(Sp. 100% water saturated air sat)</small>				102.88	
Specific Conductance (µmhos)	21470032 04/23	5.43	4490	3697.1	
pH (4)	21470032 04/24	5.45	4	4.30	
pH (7)	21580182 04/23	5.73	7	7.34	
pH (10)	20080056 04/23	6.05	10	10.19	
ORP (mV)	21140143 04/23	6.22	228	251.0	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 0 NTU	0	0.08	±0.1 NTU	Yes	No	
Turbidity @ 1 NTU	1	1.15	±0.1 NTU	Yes	No	
Turbidity @ 10 NTU	10	10.52	±0.1 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
Mid-day pH (4) check	16.67	4	4.15	±0.10	Yes	No	
Mid-day pH (7) check	15.87	7	7.19	±0.10	Yes	No	
Mid-day pH (10) check	15.05	10	10.23	±0.10	Yes	No	

EQUIPMENT CALIBRATION LOG

Location: Khet M-11	Date: 7/1/22	Time of day: 0809	Temp: 15.53
Equipment ID: 789310	Equipment Name: L-mate 2020	Serial Number: 7068-0520	
Operator: Brian Lambell	Water Temp: Surf, 35°F		

Calibration Log

Parameter	Standard Lot # (Date of Expiration)	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Spa, 100% water saturated air sat)				100.02	
Specific Conductance (uS/cm)	21470032 04/23	3.73	400	406.4	
pH (6)	21470032 04/24	3.70	4	3.91	
pH (7)	21360102 04/23	4.60	7	7.01	
pH (9)	20050056 04/23	4.59	10	10.14	
ORP (mV)	21140143 04/23	4.54	220	236.0	

Parameter	Temp of Standard (°C)	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
					Yes	No	
Exhibits 0 mV		0	0.00	-0.1 mV	Yes	No	
Exhibits 1 mV		1	1.08	-0.01 mV	Yes	No	
Exhibits 10 mV		10	10.46	-0.01 mV	Yes	No	

Parameter	Temp of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass?		Comments
					Yes	No	
Mid Day pH (6) check		4	4.22	-0.1 (6)	Yes	No	
Mid Day pH (7) check		7	7.36	-0.1 (7)	Yes	No	
Mid Day pH (9) check		10	10.27	-0.1 (9)	Yes	No	

Field Technician: William Looker	Date: 2/1/22	Asset #/Barcode: 8192	Date (MM/DD/YYYY): 06-15
Serial #/ID: 789301	Equipment Make/Type: LaMotte 2020	Phone: 9429-4417	
From: Jan 2022 LF Semi	Weather/Conditions: 60°/28° sunny windy		

Calibration Log

	Standard Lot #/Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (mg/l) <small>(Type, 100% water saturated air sat)</small>				99.21	
Specific Conductance (µmhos/cm)	21470632 04/23	7.57	4190	4222.6	
pH (m)	21470632 04/24	7.27	4	3.63	
pH (r)	21386182 04/23	4.86	7	7.19	
pH (100)	20080056 04/23	4.16	10	10.53	
ORP (mv)	21140143 04/23	3.90	228	244.5	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity (NTU)	0	0.03	0.0-0.050	Yes	No	
Turbidity (NTU)	1	1.24	0.0-1.000	Yes	No	
Turbidity (NTU)	10	9.56	0.0-1.000	Yes	No	

	Temp of Standard (°C)	Value of Standard	Post-Calibration Reading	Acceptable Range	Pass?		Comments
Mid-Box pH (m) check	13.21	4	4.24	0.0-0.001	Yes	No	
Mid-Box pH (r) check	13.24	7	6.99	0.0-0.001	Yes	No	
Mid-Box pH (100) check	13.96	10	9.56	0.0-0.001	Yes	No	

EQUIPMENT CALIBRATION LOG

Calibration Name: <u>Kim's Station</u>	Date: <u>2/2/22</u>	Technician: <u>LOD</u>	Technician ID:
Instrument: <u>789317</u>	Manufacturer: <u>L. Model</u>	Phone: <u>9453-4417</u>	
Application: <u>WF Sampling</u>	Measurement: <u>50°/52°/30%</u>		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
50 (°C) <small>(Sp. 100% were returned as cal)</small>				<u>97.87</u>	
Specific Conductance (µmhos)	<u>21470832 04/23</u>	<u>20.0</u>	<u>4400</u>	<u>4520.1</u>	
pH (4)	<u>21470832 04/24</u>	<u>11.94</u>	<u>4</u>	<u>4.00</u>	
pH (7)	<u>21390162 04/23</u>	<u>11.44</u>	<u>7</u>	<u>7.02</u>	
pH (10)	<u>20000050 04/23</u>	<u>11.25</u>	<u>10</u>	<u>10.19</u>	
ORP (mV)	<u>21140143 04/23</u>	<u>11.41</u>	<u>220</u>	<u>222.3</u>	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Accuracy 0 NTC	<u>0</u>	<u>0.03</u>	<u>±0.1 NTC</u>	<input checked="" type="radio"/>	<input type="radio"/>	
Accuracy 1 NTC	<u>1</u>	<u>0.79</u>	<u>±0.1 NTC</u>	<input checked="" type="radio"/>	<input type="radio"/>	
Accuracy 10 NTC	<u>10</u>	<u>9.70</u>	<u>±0.1 NTC</u>	<input checked="" type="radio"/>	<input type="radio"/>	

	Temp of Standard (°C)	Value of Standard	Post Calibration Reading	Acceptable Range	Pass?		Comments
Mid-day pH (4) check	<u>13.32</u>	<u>4</u>	<u>4.12</u>	<u>±0.1 02</u>	<input type="radio"/>	<input checked="" type="radio"/>	
Mid-day pH (7) check	<u>13.51</u>	<u>7</u>	<u>7.18</u>	<u>±0.1 02</u>	<input checked="" type="radio"/>	<input type="radio"/>	
Mid-day pH (10) check	<u>14.12</u>	<u>10</u>	<u>10.21</u>	<u>±0.1 02</u>	<input checked="" type="radio"/>	<input type="radio"/>	

Field Technician: Meredith Duncan	Date: 2/2/22	Time of calibration: 0820	Page/Total no. Pages: 1607
Equipment ID: 850762	Equipment Make/Type: la motte	Serial No.: 7042-3818	
Location: Bowen LF	Weather Conditions: 45°F Cloudy & Windy		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Typ. 100% water saturated air sat)</small>				105.21	
Specific Conductance (µmhos)	21479932 04/23	8.83	4790	4565	
pH (6)	21479932 04/24	8.86	4	4.85	
pH (7)	21366102 04/23	8.50	7	7.08	
pH (8)	20089056 04/23	8.55	10	10.13	
ORP (mV)	21148143 04/23	8.82	228	248.3	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 1NTU	0	0.03	±0.1 NTU	Yes	No	
Turbidity @ 1 NTU	1	1.08	±0.1 NTU	Yes	No	
Turbidity @ 10 NTU	10	10.36	±0.1 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
Mid-Day pH (6) check	12.67	4	4.11	±0.1 pH	Yes	No	
Mid-Day pH (7) check	12.11	7	7.21	±0.1 pH	Yes	No	
Mid-Day pH (8) check	12.64	10	10.24	±0.1 pH	Yes	No	

EQUIPMENT CALIBRATION LOG

Calibrator Name: Robert Miller	Date: 2/6/22	Job #: 0321	Time: 1:58
Serial #: 781310	Make/Model: L. mode 200E	Part #: 2-00-0320	
Location: Brown Landfill	Weather: 40F Cloudy W-W		

Calibration Log

	Standard Lot # / Size of Exposure	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Sp, 100% water saturated air sat)				97.70	
Specific Conductance (µmhos)	21479932 84/23	9.99	4490	4264.3	
pH (25)	21479932 84/24	7.93	4	4.09	
pH (75)	21479932 84/25	9.20	7	7.18	
pH (100)	20888056 84/23	8.74	10	10.14	
ORP (mV)	21148143 84/23	8.57	228	221.1	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 1 NTU	0	0.02	0-1 NTU	Yes	No	
Turbidity @ 1 NTU	1	1.09	0-1 NTU	Yes	No	
Turbidity @ 10 NTU	10	10.20	0-10 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (25) check	12.93	4	4.16	0-14.00	Yes	No	
Mid Day pH (75) check	12.93	7	7.27	0-14.00	Yes	No	
Mid Day pH (100) check	12.52	10	10.27	0-14.00	Yes	No	

EQUIPMENT CALIBRATION LOG

Field Technician: William Lanier	Date: 2/2/22	Time of Day: 8:13	Time of Month: 16:40
Sample ID: 789301	Station Name: La Motte 2020	No. 9439-4417	
Event: Jan 2022 LF Semi	Weather Conditions: 52°/43° cloudy, 30% rain		

Calibration Log

	Standard Lot # - Size of Exposure	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (µM) 100% DOs were returned on ice				99.99	
Specific Conductance (µmhos)	21070443-002 200.2000L 9/13	16.15	4000	4835.7	
pH (25)	21070443-002 200.2000L 9/13	17.36	4	4.34	* pH cap and fluid replaced
pH (75)	21070443-002 200.2000L 9/13	18.19	7	6.88	
pH (100)	21070443-002 200.2000L 9/13	18.39	10	9.48	
ORP (mV)	21070443-002 200.2000L 9/13	18.36	228	235.1	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Accuracy @ 0%	0	0.01	— ± 0.05	Yes	No	
Accuracy @ 5%	1	1.21	— ± 0.05	Yes	No	
Accuracy @ 10%	10	9.50	— ± 0.05	Yes	No	

	Temp of Standard (°C)	Value of Standard	Post-Calibration Reading	Acceptable Range	Pass?		Comments
100 Day pH (25) check	15.31	4	4.00	— ± 0.05	Yes	No	
100 Day pH (75) check	15.45	7	7.20	— ± 0.05	Yes	No	
100 Day pH (100) check	15.52	10	10.20	— ± 0.05	Yes	No	

Field Technician: <u>Meredith Duran</u>	Date: <u>2/3/22</u>	Job #/Project: <u>0815</u>	Time: <u>1146</u>
Equipment ID: <u>850762</u>	Equipment Make/Type: <u>lanotte</u>	Serial #/ID: <u>7042-3818</u>	
Model: <u>Bowen LF</u>	Weather Conditions: <u>50°F rainy</u>		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
800 (°C) <small>(Typ. 80% water saturated air cell)</small>				93.12	
Specific Conductance (µmhos)	21470032 04/23	9.99	4000	5104	
pH (m)	21470032 04/24	10.47	4	4.00	
pH (°)	21380182 04/23	10.57	7	7.04	
pH (°C)	20000056 04/23	10.57	10	10.09	
ORP (mV)	21140143 04/23	10.52	328	289.9	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity 0 NTU	0	0.09	±0.3 NTU	Yes	No	
Turbidity 1 NTU	1	1.37	±0.3 NTU	Yes	No	
Turbidity 10 NTU	10	10.33	±0.3 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (m) check	13.69	4	4.12	±0.100	Yes	No	
Mid Day pH (°) check	13.66	7	7.20	±0.100	Yes	No	
Mid Day pH (°C) check	14.11	10	10.23	±0.100	Yes	No	

EQUIPMENT CALIBRATION LOG

Field Location: Robert Hill	Date: 2/3/22	Time of day: 0900	Time (EST/EDT/ET/PT): 1255
Equipment ID: 759310	Equipment Name/Type: LaMotte 2000	ID: 7068-0320	
Operator: Plant Power Lab/Hill	Weather: Rainy 51°F		

Calibration Log

	Standard Lot # (Date of Expiration)	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Exp. 100% when saturated air sat)				99.85	
Specific Conductance (µmhos)	21470032 04/23	11.78	4090	4124.8	
pH (4)	21470032 04/24	11.76	4	4.05	
pH (7)	21360101 04/23	11.74	7	7.05	
pH (10)	20080056 04/23	11.69	10	10.16	
ORP (mV)	21140143 04/23	11.69	328	221.5	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Accuracy @ 0V	0	0.02	±0.1 mV	Yes	No	
Accuracy @ 1V	1	0.78	±0.1 mV	Yes	No	
Accuracy @ 10V	10	10.43	±0.1 mV	Yes	No	

	Temp of Standard (°C)	Value of Standard	Post-Calibration Reading	Acceptable Range	Pass?		Comments
Multi-Use pH (4) check	14.67	4	4.11	±0.1 pH	Yes	No	
Multi-Use pH (7) check	15.02	7	7.07	±0.1 pH	Yes	No	
Multi-Use pH (10) check	15.24	10	10.15	±0.1 pH	Yes	No	

EQUIPMENT CALIBRATION LOG

Field Location: <u>Kelle Springs</u>	Date: <u>2/4/22</u>	Type of Calibration: <u>QSP</u>	Form Number: <u>1332</u> <small>(Form 02/01/2018)</small>
Analyst: <u>JR/SJ</u>	Location Name: <u>Lakeville, FL</u>		
Client: <u>Blue Springs</u>	Water Quality: <u>44127, 50410</u>		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Use 100% water saturated air sat)</small>				<u>100.81</u>	
Specific Conductance (µmhos)	<u>21478852 84/23</u>	<u>13.57</u>	<u>478</u>	<u>4635.0</u>	
pH (mV)	<u>21478852 84/23</u>	<u>13.39</u>	<u>4</u>	<u>4.02</u>	
pH (°C)	<u>21388082 84/23</u>	<u>12.30</u>	<u>7</u>	<u>7.09</u>	
pH (mV)	<u>20888056 84/23</u>	<u>14.16</u>	<u>10</u>	<u>10.59</u>	
ORP (mV)	<u>21148043 84/23</u>	<u>12.34</u>	<u>228</u>	<u>224.7</u>	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 1 NTU	<u>0</u>	<u>0.08</u>	<u><= 0.1 NTU</u>	<input checked="" type="radio"/>	<input type="radio"/>	
Turbidity @ 5 NTU	<u>1</u>	<u>0.31</u>	<u><= 0.1 NTU</u>	<input checked="" type="radio"/>	<input type="radio"/>	
Turbidity @ 10 NTU	<u>10</u>	<u>9.52</u>	<u><= 0.1 NTU</u>	<input checked="" type="radio"/>	<input type="radio"/>	

	Temp of Standard (°C)	Value of Standard	Per Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (mV) check	<u>10.16</u>	<u>4</u>	<u>4.09</u>	<u><= 0.10</u>	<input checked="" type="radio"/>	<input type="radio"/>	
Mid Day pH (°C) check	<u>9.85</u>	<u>7</u>	<u>7.08</u>	<u><= 0.10</u>	<input checked="" type="radio"/>	<input type="radio"/>	
Mid Day pH (mV) check	<u>9.26</u>	<u>10</u>	<u>10.33</u>	<u><= 0.10</u>	<input checked="" type="radio"/>	<input type="radio"/>	

EQUIPMENT CALIBRATION LOG

Field Technician: Meredith D'Arcal	on: 2/4/22	Time of Calibration: 0844	Time/Date Log Made: 1307
App#/ID No: 093479	Vehicle/Make/Type: 10Motte	on: 7042-3818	
Phone: Brown LF	Weather Conditions: 41°F Cloudy / drizzle		

Calibration Log

	Standard Lot #/ Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(1ppt, 100% water saturated air sat)</small>				107.17	
Specific Conductance (µmhos)	21470032 04/23	11.52	4490	4,538.8	
pH (m)	21470032 04/24	11.49	4	3.97	
pH (r)	21380102 04/23	11.19	7	7.02	
pH (cm)	20080056 04/23	11.03	10	9.90	
ORP (mV)	21140143 04/23	11.57	228	240.5	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity (NTU)	0	0.05	±0.1 NTU	Yes	No	
Turbidity (1 NTU)	1	1.02	±0.1 NTU	Yes	No	
Turbidity (10 NTU)	10	9.95	±0.1 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre Calibration Reading	Acceptable Range	Pass?		Comments
Mid-Day pH (4) check	9.98	4	4.19	±0.1 pH	Yes	No	
Mid-Day pH (7) check	9.91	7	7.27	±0.1 pH	Yes	No	
Mid-Day pH (10) check	9.48	10	10.35	±0.1 pH	Yes	No	

EQUIPMENT CALIBRATION LOG

Location Robert Mill	Date 2/14/22	Time 0825	Temp 12.00
Asset ID 757310	Asset Name La Motte 2000	Asset Type 2000-0320	
Plant Plant Bowen Lact II	Ambient Cond./Hum 40°F		

Calibration Log

Parameter	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Sp. DO% were entered in cell)</small>				96.5	
Specific Conductance (µmhos)	21479932 04/23	12.14	4000	4655.2	
pH (1)	21479932 04/24	12.73	4	4.01	
pH (2)	21388082 04/23	12.29	7	7.06	
pH (10)	20889056 04/23	11.37	10	10.07	
ORP (mV)	21140143 04/23	11.48	225	227.3	

Parameter	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
				Yes	No	
Turbidity 0 NTU	0	0.01	0-1 NTU	Yes	Yes	
Turbidity 1 NTU	1	0.84	0-1 NTU	Yes	Yes	
Turbidity 10 NTU	10	9.88	0-10 NTU	Yes	Yes	

Parameter	Temp of Standard (°C)	Value of Standard	Final Calibration Reading	Acceptable Range	Pass?		Comments
					Yes	No	
Mid Day pH (1) check	11.20	4	4.08	0-10.00	Yes	Yes	
Mid Day pH (7) check	11.27	7	7.27	0-10.00	Yes	Yes	
Mid Day pH (10) check	11.55	10	10.29	0-10.00	Yes	Yes	

EQUIPMENT CALIBRATION LOG

Field Name: William Lueker	Date: 2/4/22	Time of Arrival: 8:54	Time of Departure: 12:50
Equipment ID: 789301	Factory Model Type: LaMotte 2020	Lot: 9429-4417	
From: Jan 2022 LF Semi	Weather Conditions: G3*/27° cloudy 60/1 rain		

Calibration Log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (mg/L) <small>(mg/L @ 20°C water saturated air sat)</small>				97.57	
Specific Conductance (µmhos/cm)	21478632 04/23	12.38	400	4690.0	
pH (mV)	21478632 04/24	13.36	4	3.93	
pH (V)	21288992 04/23	13.26	7	7.05	
pH (mV)	20888856 04/23	13.36	10	10.13	
ORP (mV)	21148943 04/23	13.20	228	242.5	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity @ 1000	8	0.01	0-1 (NTU)	Yes	No	
Turbidity @ 100	1	1.01	0-1 (NTU)	Yes	No	
Turbidity @ 10	10	0.53	0-1 (NTU)	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
Mid-Range pH (mV check)	10.45	4	4.00	4.00 ± 0.10	Yes	No	
Mid-Range pH (V check)	11.01	7	7.01	± 0.10	Yes	No	
Mid-Range pH (mV check)	11.59	10	9.91	± 0.10	Yes	No	

EQUIPMENT CALIBRATION LOG

Field Technician: <u>Wendith Duncan</u>	Date: <u>2/7/22</u>	ID: <u>0810</u>	Page: <u>14/51</u>
Equipment ID: <u>893479</u>	Turbidity Meter Type: <u>1a Motte</u>	SN: <u>7042-3818</u>	
Name: <u>Bowen LF</u>	Weather Conditions: <u>40°F Cloudy</u>		

Calibration Log

	Standard Lot # / Date of Expiration	Range of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) (Dist. 100% water saturated air sat)				108.04	
Specific Conductance (µmhos)	21470833 04/23	7.92	8990	4584	
pH (m)	21470833 04/23	7.91	4	4.05	
pH (r)	21388882 04/23	7.92	7	7.10	
pH (s)	20888056 04/23	7.95	10	10.19	
ORP (mV)	21148143 04/23	7.96	218	252.9	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity 0 NTU	0	0.01	±0.1 NTU	Yes	No	
Turbidity 1 NTU	1	1.11	±0.1 NTU	Yes	No	
Turbidity 10 NTU	10	10.07	±0.1 NTU	Yes	No	

	Range of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments	
Mid-Range pH (m) check		7.50	4	4.12	±0.10	Yes	No	
Mid-Range pH (r) check		11.23	7	7.23	±0.10	Yes	No	
Mid-Range pH (s) check		11.65	10	10.34	±0.10	Yes	No	

EQUIPMENT CALIBRATION LOG

Field Technician: <u>William Locker</u>	Date: <u>2/7/22</u>	Time of Calibration: <u>8:23</u>	Time of Meter Check: <u>11:37</u>
Equipment ID: <u>78930</u>	Equipment Model/Year: <u>LaMotte 2020</u>	SN: <u>9429-4417</u>	
Event: <u>Jan 2022 LF Semi</u>	Weather Conditions: <u>51°/29° partly cloudy</u>		

Calibration Log

	Standard Lot # (Date of Expiration)	Temp of Standard (°C)	Value of Standard	Instrument Reading at Calibration	Comments
DO (%) <small>(Sp. DO% were taken on all)</small>				102.42	
Specific Conductance (µmhos)	21470032 04/23	8.76	4090	4435.6	
pH (4)	21470032 04/24	5.33	4	4.04	
pH (7)	21300102 04/23	8.17	7	7.11	
pH (10)	20000056 04/23	8.17	10	10.10	
ORP (volts)	21140143 04/23	8.15	328	237.1	

	Value of Standard	Instrument Reading	Acceptable Range	Pass?		Comments
Turbidity 1 NTU	0	0.00	0-1 NTU	Yes	No	
Turbidity 2 NTU	1	1.02	0-1 NTU	Yes	No	
Turbidity 10 NTU	10	10.38	0-1 NTU	Yes	No	

	Temp of Standard (°C)	Value of Standard	Pre-Calibration Reading	Acceptable Range	Pass?		Comments
Mid Day pH (4) check	8.11	4	4.27	0-1 NTU	Yes	No	
Mid Day pH (7) check	10.12	7	6.83	0-1 NTU	Yes	No	
Mid Day pH (10) check	10.59	10	9.32	0-1 NTU	Yes	No	



Hole Products
 1725 Corporate Drive Suite 340
 Norcross GA 30093
 Phone: 770-279-8755
 Fax: 770-279-8499

Sales Order Confirmation

Account #	Date	Order #
1007849	2/21/2022	SO-1HPU151894

Bill To
RESOLUTE ENVIRONMENTAL WEATHER STONE PKWY SUITE 120 WOODSTOCK GA 30188

Ship To
RESOLUTE ENVIRONMENTAL CUSTOMER PU NORCROSS GA 30093

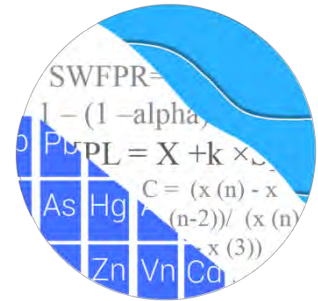
Account Rep	Terms	Currency	Credit Card/Check #
Bill Thigwold	CREDIT CARD	USD	CREDIT CARD SWIPE
Customer Contact	Phone Number	Fax Number	Customer PO #
KEVIN	(478) 395-0613		VERBAL
Ship Date	Shipping Method	Tracking #	
2/21/2022	Customer Pick-Up		
Memo	Exempt Code		

Quantity	Item #	Description	Unit Price	Amount
2	5950010	SCREEN,PVC 2X10 ASTM S40 2TPI .010	44.79	89.58
1	5800010	RISER,PVC 2X10 ASTM S40 2TPI	33.55	33.55
2	5950020	SCREEN,PVC 4X10 ASTM S40 2TPI .010	107.64	215.28
1	5800025	RISER,PVC 4X10 ASTM S40 2TPI	91.18	91.18
1	5650050	CAP,PVC 2 POINT ASTM S40 2TPI	5.25	5.25
1		Customer Pick-Up	0.00	0.00
			Subtotal	434.84
			Total Tax	26.89
			Total	461.73

APPENDIX E STATISTICAL RESULTS



GROUNDWATER STATS CONSULTING



August 31, 2022

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd. NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Bowen Landfill Cells 1, 2, 9, and 10
Background Update and Statistical Analysis – February 2022 Sample Event

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and statistical analysis of groundwater quality for the February 2022 sample event for Georgia Power Company's Plant Bowen Landfill Cells 1, 2, 9, and 10. The analysis complies with the United States Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) 257 Subpart D, the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the USEPA Unified Guidance (2009).

Semi-annual sampling is conducted for USEPA's CCR Appendix III parameters, in addition to 16 parameters in accordance with the Georgia EPD's Solid Waste Permit. The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-1, GWA-2, GWA-2R, GWA-3A GWA-4RZ, GWA-39RZ, GWA-39Z, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43, GWA-43R, GWA-50R, and GWA-50
- **Downgradient wells:** GWC-5, GWC-6, GWC-6RZ, GWC-7Z, GWC-8RR, GWC-8Z, GWC-9, GWC-10, GWC-10R, GWC-11, GWC-11R, GWC-12, GWC-13, GWC-13RZ, GWC-14Z, GWC-15R, GWC-15Z, GWC-44, GWC-45, GWC-45R, GWC-46R, GWC-47, GWC-47R, GWC-48, GWC-49R, and GWC-49Z

Note that well GWA-3 was replaced with GWA-3A, which was first sampled in March 2021. As requested, data from well GWA-3 have been combined with data from replacement well GWA-3A.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Dr. Jim Loftis, Civil & Environmental Engineering professor emeritus at Colorado State University and Senior Advisor to Groundwater Stats Consulting, and Kristina Rayner, Founder and Senior Statistician to Groundwater Stats Consulting. The analysis was prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting and primary author of the USEPA Unified Guidance.

The following constituents are evaluated:

- **CCR Appendix III:** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I:** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Note that the terms “parameters” and “constituents” are interchangeable throughout this report. When there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of well/constituent pairs with 100% non-detects follows this letter.

Time series plots for all well/constituent pairs are provided and are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

Due to varying detection limits in background data sets, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contains varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. For example, the historical reporting limit has been as low as 0.01 mg/L but is currently 0.02 mg/L. A single

reporting limit substitution is used across all wells in the time series plots for a given parameter since the wells are plotted as a group.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves are provided to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. A few well/constituent pairs have a limited background data set with a minimum of 11 observations due either to sampling or truncation of background date ranges. As more samples are collected, these well/constituent pairs will meet the minimum power requirements. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following statistical methods:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc)
- Interwell Prediction Limits with 1-of-2 resample plan (beryllium, mercury, and thallium)
- # Constituents: 16
- # Downgradient wells: 26

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, fluoride, sulfate, TDS)
- Interwell Prediction Limits with 1-of-2 resample plan – (chloride and pH)
- # Constituents: 7
- # Downgradient wells: 26

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate

associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects.
- When data contain <15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, the earlier portion of data are deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to natural variation. In particular for nonparametric limits with small background sample

sizes, the probability of a false positive is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of SSIs that result from natural variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of natural variation rather than a result of impact to groundwater quality downgradient of the facility.

Appendix I & Appendix III Background Update – Conducted in April 2022

Outlier Analysis

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate data at all wells through February 2022. Tukey's test identified several potential outliers and confirmed previously flagged values (Figure C). Some identified values were not flagged because they appeared to be representative of natural variation. High values that were not identified by Tukey's test but flagged as outliers reduced variation among background datasets and resulted in statistical limits that are conservative (in most cases, lower) from a regulatory perspective. Note that previously flagged values for antimony at upgradient wells GWA-1 and GWA-2 along with downgradient well GWC-11R were unflagged during this analysis as more recent values were of similar concentration. As mentioned above, any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. Summary tables of all flagged values follow this report (Figure C).

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells (Figure D). The ANOVA assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells are not representative of the current background data population; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified variation for all Appendix I & III parameters except for mercury and thallium; therefore, mercury and thallium will be tested with interwell statistical methods. All parameters were further evaluated as described for the appropriateness of intrawell testing to accommodate the groundwater quality. A summary table of the ANOVA results is included with the reports.

Eligibility of Intrawell Methods

Intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are conservative (i.e., lower) from a regulatory perspective, and that will rapidly identify a change in more recent compliance data from within a given well. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking natural spatial variation for a release from the facility. Prior to performing intrawell prediction limits, several steps are required to reasonably demonstrate downgradient water quality does not have existing impacts from the practices of the facility.

Exploratory data analysis was used as a general comparison of concentrations in downgradient wells for all Appendix I and III parameters recommended for intrawell analyses to concentrations reported in upgradient wells. Upper tolerance limits are used in conjunction with confidence intervals to determine whether the estimated averages in downgradient wells are higher than observed levels upgradient of the facility. Upper tolerance limits estimate an upper percentile (in this case the 99th percentile) with known confidence level and thus represent the upper range of likely background values. Tolerance limits are similar to prediction limits that are used for detection monitoring, but tolerance limits are constructed to contain a given fraction of the background population whereas prediction limits are constructed to contain a given number of future observations with known confidence level.

In cases where downgradient average concentrations are higher than observed concentrations upgradient for a given constituent, an independent study and hydrogeological investigation would be required to identify local geochemical conditions and expected groundwater quality for the region to justify an intrawell approach. Such an assessment is beyond the scope of services provided by Groundwater Stats Consulting. When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells, interwell prediction limits will initially be selected for the statistical method until further evidence shows that concentrations are due to natural variation rather than a result of the facility.

Upper Tolerance Limits

Parametric tolerance limits were constructed with a target of 99% confidence and 95% coverage using pooled upgradient well data for each of the Appendix III parameters (Figure E). The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. As more data are collected, the background population is better represented and the confidence and coverage levels for nonparametric tolerance limits increase.

Confidence Intervals

Confidence intervals were constructed on downgradient wells for each of the Appendix I & III parameters, using the tolerance limits discussed above, to determine intrawell eligibility (Figure F). When the entire confidence interval is above a background standard for a given parameter, interwell methods are initially recommended as the statistical method. Therefore, only parameters with confidence intervals which did not exceed background standards are eligible for intrawell prediction limits. Note that well/constituent pairs with 100% non-detects were deselected prior to construction of confidence intervals, and a list of these well/constituent pairs follows this report.

Confidence intervals for Appendix I & III parameters exceeded their respective background limits for beryllium, chloride, and pH. Therefore, for Appendix I parameters, interwell methods are recommended for: beryllium, mercury, and thallium. Intrawell methods are recommended for antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. For Appendix III parameters, interwell methods are recommended for chloride and pH. Intrawell methods are recommended for boron, calcium, fluoride, sulfate, and TDS.

Mann-Whitney - Intrawell

For constituents requiring intrawell prediction limits, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through September 2018 for Appendix I constituents and through September 2019 for Appendix III constituents to the medians of the new compliance samples at each well through August 2021 (Figures G and H, respectively). Previously truncated data sets discussed above were also compared to the most recent set of measurements through August 2021. If the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data. Note that no reports were produced for several well/constituent pairs as there was no variation in the data. Additionally, no Mann-Whitney test was run for barium at downgradient well GWC-13RZ

since this well/constituent pair has been historically evaluated with a trend test in lieu of prediction limits due to due to steadily increasing data since early 2016.

Several statistically significant differences were found between the two groups for the Appendix I and III constituents. Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data are not updated to include the newer data unless updating results in the same or more conservative limits, or it can be reasonably justified that the change in concentrations reflects a naturally occurring shift unrelated to practices at the site. In studies in which at least one of the segments being compared is of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians.

Statistically significant increasing medians were found for the following well/constituent pairs:

Appendix I:

- Barium: GWA-2R, GWA-4RZ (both upgradient), GWC-11R, and GWC-49R
- Cobalt: GWA-4RZ (upgradient)
- Zinc: GWC-47 and GWC-47R

Appendix III:

- Sulfate: GWC-14Z

These well/constituent pairs each had their respective records updated with compliance data and are discussed below.

For upgradient well/constituent pairs with significant increases in medians (barium in GWA-2R and GWA-4RZ and cobalt in GWA-4RZ), the increases in concentrations are, reportedly, not related to the facility and, therefore, represent background conditions. For barium in downgradient well GWC-11R and sulfate in downgradient well GWC-14Z, the concentrations are relatively low, and updating does not result in a high limit compared to upgradient wells. For barium in downgradient well GWC-49R, the compliance samples remain within range of concentrations upgradient of the facility and the pattern is very similar to that of upgradient well GWA-4RZ which has higher reported concentrations; therefore, this well/constituent pair was updated. Regarding zinc in downgradient wells GWC-47 and GWC-47R, the most recent concentrations in these wells are, reportedly, due to natural variation in groundwater quality, are somewhat similar to historical concentrations detected in these wells, are marginally higher than the current reporting

limit, and remain within the range of upgradient concentrations; therefore, these well/constituent pairs were updated.

A large number of well/constituent pairs for Appendix I and Appendix III constituents had statistically significant decreasing medians in more recent data. The significant cases are listed in the summary tables for Appendix I and Appendix III Mann-Whitney results. In most cases with significant results, the differences were relatively small, the most recent measurements were similar to measurements in the early part of the record, or the update resulted in the same or more conservative limits. Therefore, the majority of these records were updated. Except for pH, which has both an upper and lower prediction limit, decreasing differences will generally result in more conservative limits. For parametric limits, however, a decreasing difference can result in higher variance, which tends to increase the limit. For the following cases, earlier portions of the records were truncated to reduce variability among background data, utilize concentrations that appear to have stabilized, and remove elevated historical concentrations:

Appendix I:

- Vanadium: GWC-15Z
- Zinc: GWC-5

Appendix III:

- Calcium: GWC-49Z
- Sulfate: GWC-49Z

Any adjustments are shown in the Date Range Table in addition to adjustments listed for chromium, copper, and nickel from previous analysis.

Upgradient Well Trend Tests – Interwell

The Sen's Slope/Mann Kendall trend test was used to evaluate data at upgradient wells for each of the interwell parameters--beryllium, mercury, and thallium (Appendix I) and chloride and pH (Appendix III) to identify statistically significant increasing or decreasing trends in background (Figures I and J, respectively). The results of the trend analyses showed no statistically significant increasing or decreasing trends for Appendix I constituents. For the Appendix III constituents, no statistically significant increasing trends were identified. The following statistically significant decreasing trends were noted:

- Chloride: GWA-1, GWA-39Z, GWA-41, and GWA-41R
- pH: GWA-2R, GWA-41R, GWA-43, GWA-50, and GWA-50R

Truncation of upgradient well records to remove decreasing trends should be done with caution since the higher concentrations could appear in future years at downgradient wells in the absence of facility impacts. Therefore, no adjustments were made at this time. While no statistically significant trend was identified for pH in upgradient well GWA-3A, it was noted that the more recent reported measurements are higher than those reported historically. Concentrations of pH in this well will continue to be monitored and further studies may be required to determine the cause of the increasing concentrations.

Evaluation of Georgia EPD Appendix I Constituents – February 2022

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, for antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc were constructed using all available data through August 2021, except for the cases mentioned above and listed in the Date Range Table (Figure K). Compliance data from the February 2022 sample event were compared to these limits. As previously discussed, no statistical analyses were included for well/constituent pairs with 100% non-detects.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When a resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. Exceedances were identified for the following well/constituent pairs:

- Barium: GWA-4RZ (upgradient) and GWC-45
- Cadmium: GWC-12

Additionally, the following well/constituent pairs were not identified as exceedances by the Sanitas software because the February 2022 observation is a non-detect.

- Zinc: GWA-42 (upgradient) and GWC-48

Exceedances in upgradient wells are an indication of natural changes in groundwater quality. Summaries of the Georgia EPD Appendix I prediction limits follow this report.

Two-Step Approach

When interwell prediction limits were constructed for the apparent intrawell prediction limit exceedances in downgradient wells, an exceedance was noted for cadmium in well GWC-12 (Figure L). Values that exceed intrawell background limits are further evaluated using trend tests as discussed below.

Interwell Prediction Limits

For beryllium, mercury, and thallium interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through February 2022. Results and a summary table follow this report (Figure M). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The February 2022 sample from each downgradient well was compared to the background limit to determine whether exceedances over background are present. Exceedances were identified for the following downgradient well/constituent pairs:

- Beryllium: GWC-5
- Mercury: GWC-48

Trend Tests

When an exceedance occurs in a downgradient well, the exceedance is further evaluated using the Sen's Slope/Mann Kendall trend test--whether or not the exceedance is confirmed as an SSI--in addition to interwell prediction limits in accordance with the two-step analysis. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. As mentioned above, a trend test was included to evaluate concentrations for barium in well GWC-13RZ in lieu of prediction limits. That trend test, along with trend tests for upgradient wells, follows this report (Figure N). Statistically significant trends were identified for the following well/constituent pairs:

Increasing

- Barium: GWA-4RZ (upgradient) and GWC-13RZ

Decreasing

- Barium: GWA-1, GWA-3A, GWA-41, GWA-43, GWA-50, and GWA-50R (all upgradient)
- Cadmium: GWC-12

Note that for barium in downgradient well GWC-13RZ, although the trend test shows an overall increasing trend over the study period, there is a noted increase during 2016-17. Current concentrations appear to be stable since early 2018.

Evaluation of CCR Appendix III Parameters – February 2022

Intrawell Prediction Limits

For boron, calcium, fluoride, sulfate, and TDS, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through August 2021. Results and a summary table follow this report (Figure O). The February 2022 sample from each downgradient well was compared to the background limit to determine whether exceedances over background are present. Exceedances were identified for the following well/constituent pairs:

- Calcium: GWA-3A (upgradient) and GWC-45
- Sulfate: GWC-45R
- TDS: GWA-3A (upgradient) and GWC-45

Two-Step Approach

When interwell prediction limits were constructed for the apparent intrawell prediction limit exceedances in downgradient wells, no exceedances were noted (Figure P). Therefore, the initial statistical exceedances are considered false positive results, and no further action is required. Note that the concentrations in downgradient wells at this site are small in absolute terms and are much smaller than those reported in the upgradient wells. Thus, very large increases at those wells would be required to exceed the interwell limits. In cases such as this, additional studies would be required to fully understand the groundwater quality. In addition to the two-step method, observations that exceeded intrawell background limits are further evaluated using trend tests as discussed below. If upward trends are found and persist, a separate geochemical and hydrologic investigation of the exceedances may be required to determine whether facility impacts have occurred.

Interwell Prediction Limits

For chloride and pH, interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through February 2022. Results and a summary table follow this report (Figure Q). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The February 2022 sample from each downgradient well was compared to the background

limit to determine whether exceedances over background are present. Exceedances were identified for the following downgradient well/constituent pairs:

- Chloride: GWC-13RZ and GWC-48
- pH (upper limit): GWC-8RR and GWC-8Z
- pH (lower limit): GWC-9, GWC-44, GWC-45, GWC-48, and GWC-49Z

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limits were further evaluated using the Sen's Slope/Mann Kendall trend test along with upgradient wells for the same constituents (Figure R). A summary of the trend test results follows this letter. Statistically significant trends were identified for the following well/constituent pairs:

Increasing

- Calcium: GWA-42 (upgradient) and GWC-45R
- Chloride: GWC-48

Decreasing

- Calcium: GWA-43 (upgradient)
- Chloride: GWA-1, GWA-39Z, GWA-41, and GWA-41R (all upgradient)
- pH: GWA-2R, GWA-41R, GWA-43, GWA-50, GWA-50R (all upgradient), GWC-9, GWC-45, GWC-48, and GWC-49Z
- Sulfate: GWA-1, GWA-39Z, GWA-43, GWA-50, and GWA-50R (all upgradient)

Resample Reports – April 2022

Resamples were collected in April 2022 for the initial prediction limit exceedances of beryllium and pH in well GWC-5; cadmium and pH in well GWC-12; chloride, mercury, and pH in well GWC-48; and pH in well GWC-8Z. Time series and box plots were constructed for well/constituent pairs that were resampled, along with data from all upgradient wells for the same constituents (Figures S and T, respectively). An intrawell prediction limit was constructed to evaluate the resample using background data as discussed previously for cadmium (Figure U). No exceedance was identified for cadmium in well GWC-12; thus, the initial exceedance was not confirmed and no further action is necessary. Interwell prediction limits were constructed using pooled upgradient well data through February 2022 to evaluate the resamples for beryllium at well GWC-5 and mercury at well GWC-48 (Figure V). Exceedances were identified for both well/constituent pairs.

When interwell prediction limits were constructed using pooled upgradient well data through February 2022 to evaluate the resamples for chloride and pH, exceedances were identified for both constituents in well GWC-48 (Figure W). However, note that when the upper interwell prediction limit for chloride and the lower interwell prediction limit for pH are rounded to the same number of significant figures as the reported observations at well GWC-48, the limit and the observation are equal.

Summary

Georgia EPD Appendix I

Based on the results of the Appendix I prediction limits, the following apparent intrawell exceedances were identified:

Appendix I Intrawell

- Barium: GWA-4RZ (upgradient) and GWC-45
- Cadmium: GWC-12

Appendix I Interwell

- Beryllium: GWC-5
- Mercury: GWC-48

After testing the apparent intrawell exceedances using the two-step approach, an exceedance was identified for cadmium in well GWC-12.

CCR Appendix III

Based on the results of the Appendix I and III constituents requiring either intrawell or interwell prediction limits, the following apparent exceedances were identified:

Appendix III Intrawell

- Calcium: GWA-3A (upgradient) and GWC-45
- Sulfate: GWC-45R
- TDS: GWA-3A (upgradient) and GWC-45

Appendix III Interwell

- Chloride: GWC-13RZ and GWC-48
- pH (upper limit): GWC-8RR and GWC-8Z
- pH (lower limit): GWC-9, GWC-44, GWC-45, GWC-48, and GWC-49Z

After testing the apparent intrawell exceedances using the two-step approach, no exceedances were noted.

Trend tests were performed for all exceedances and corresponding upgradient wells. Results were presented in the corresponding tables.

Resample – April 2022

After resampling in April 2022 for beryllium and pH in well GWC-5; cadmium and pH in well GWC-12; chloride, mercury, and pH in well GWC-48; and pH in well GWC-8Z, exceedances were only identified for the following well/constituent pairs:

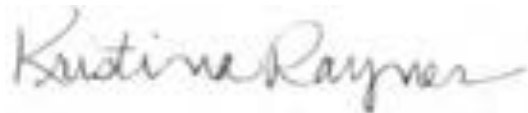
- Beryllium: GWC-5
- Chloride: GWC-48
- Mercury: GWC-48
- pH: GWC-48

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Bowen Landfill Cells 1, 2, 9 and 10. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

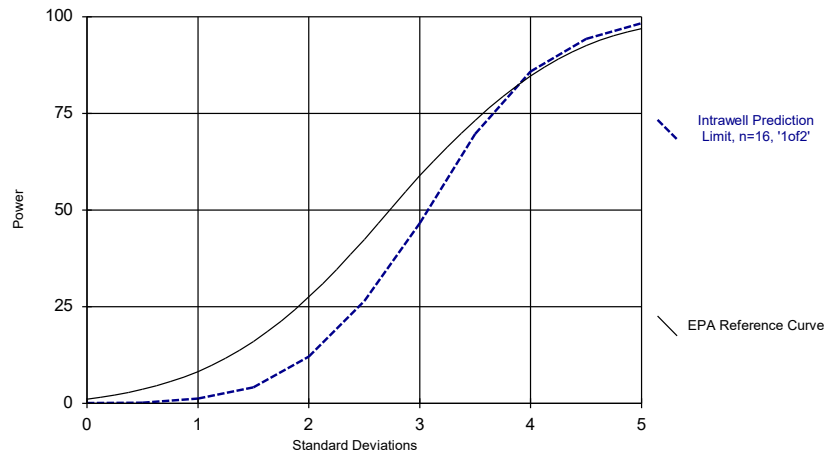


Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

Appendix I Power Curve

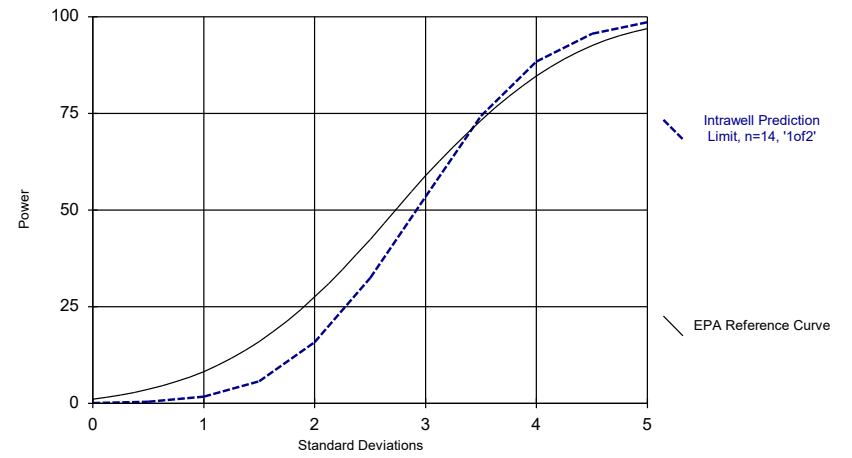


Kappa = 3.014, based on 26 compliance wells and 16 constituents, evaluated semi-annually (this report reflects annual total).

Analysis Run 4/11/2022 10:50 AM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Appendix III Power Curve



Kappa = 2.86, based on 26 compliance wells and 7 constituents, evaluated semi-annually (this report reflects annual total).

Analysis Run 4/11/2022 10:51 AM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

100% Non-Detects: Confidence Intervals

Analysis Run 4/1/2022 5:21 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Antimony (mg/L)

GWC-10, GWC-12, GWC-44, GWC-8Z

Arsenic (mg/L)

GWC-45, GWC-48, GWC-49Z

Beryllium (mg/L)

GWC-10R, GWC-11R, GWC-12, GWC-13RZ, GWC-15R, GWC-15Z, GWC-45, GWC-46R, GWC-47, GWC-47R, GWC-49R, GWC-49Z, GWC-7Z

Boron, total (mg/L)

GWC-12

Cadmium (mg/L)

GWC-10, GWC-11, GWC-13, GWC-13RZ, GWC-15Z, GWC-45, GWC-46R, GWC-47R, GWC-49R, GWC-6RZ, GWC-8RR, GWC-9

Cobalt (mg/L)

GWC-10R, GWC-45R, GWC-47, GWC-47R, GWC-49R, GWC-6RZ

Copper (mg/L)

GWC-49R

Lead (mg/L)

GWC-12, GWC-46R, GWC-49R

Nickel (mg/L)

GWC-6RZ

Selenium (mg/L)

GWC-10, GWC-10R, GWC-11, GWC-11R, GWC-12, GWC-15Z, GWC-45, GWC-45R, GWC-47, GWC-47R, GWC-49R, GWC-49Z, GWC-6, GWC-7Z, GWC-8RR

Silver (mg/L)

GWC-10, GWC-10R, GWC-11, GWC-11R, GWC-13, GWC-14Z, GWC-15R, GWC-15Z, GWC-44, GWC-45, GWC-45R, GWC-46R, GWC-47, GWC-47R, GWC-48, GWC-49R, GWC-49Z, GWC-5, GWC-6, GWC-6RZ, GWC-7Z, GWC-8RR, GWC-8Z, GWC-9

Vanadium (mg/L)

GWC-10R, GWC-44, GWC-45R, GWC-46R, GWC-47, GWC-48, GWC-49R, GWC-49Z, GWC-6RZ, GWC-7Z

100% Non-Detects: Appendix I

Analysis Run 4/1/2022 6:54 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Antimony (mg/L)

GWA-2, GWC-10, GWC-12, GWC-44, GWC-8Z

Arsenic (mg/L)

GWA-41, GWA-42, GWA-50, GWA-50R, GWC-45, GWC-48, GWC-49Z

Cadmium (mg/L)

GWA-2, GWA-2R, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-43R, GWA-4RZ, GWA-50R, GWC-10, GWC-11, GWC-13, GWC-13RZ, GWC-15Z, GWC-45, GWC-46R, GWC-47R, GWC-49R, GWC-6RZ, GWC-8RR, GWC-9

Chromium (mg/L)

GWA-4RZ

Cobalt (mg/L)

GWA-40, GWA-41, GWA-43R, GWA-50, GWC-10R, GWC-45R, GWC-47, GWC-47R, GWC-49R, GWC-6RZ

Copper (mg/L)

GWC-49R

Lead (mg/L)

GWA-3A, GWC-12, GWC-46R, GWC-49R

Nickel (mg/L)

GWA-40, GWC-6RZ

Selenium (mg/L)

GWA-1, GWA-39RZ, GWA-39Z, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43R, GWA-4RZ, GWA-50, GWA-50R, GWC-10, GWC-10R, GWC-11, GWC-11R, GWC-12, GWC-15Z, GWC-45, GWC-45R, GWC-47, GWC-47R, GWC-49R, GWC-49Z, GWC-6, GWC-7Z, GWC-8RR

Silver (mg/L)

GWA-1, GWA-2, GWA-2R, GWA-39Z, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43, GWA-43R, GWA-4RZ, GWC-10, GWC-10R, GWC-11, GWC-11R, GWC-13, GWC-14Z, GWC-15R, GWC-15Z, GWC-44, GWC-45, GWC-45R, GWC-46R, GWC-47, GWC-47R, GWC-48, GWC-49R, GWC-49Z, GWC-5, GWC-6, GWC-6RZ, GWC-7Z, GWC-8RR, GWC-8Z, GWC-9

Vanadium (mg/L)

GWA-39Z, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-50, GWC-10R, GWC-44, GWC-45R, GWC-46R, GWC-47, GWC-48, GWC-49R, GWC-49Z, GWC-6RZ, GWC-7Z

Date Ranges

Date: 4/1/2022 4:58 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Calcium, total (mg/L)

GWC-49Z background:7/28/2016-8/5/2021

Chromium (mg/L)

GWC-11R background:4/12/2011-8/11/2021

Copper (mg/L)

GWA-50R background:4/14/2014-8/9/2021

Nickel (mg/L)

GWA-50R background:4/14/2014-8/9/2021

Sulfate, total (mg/L)

GWC-49Z background:9/21/2016-8/5/2021

Vanadium (mg/L)

GWC-15Z background:4/27/2010-8/11/2021

Zinc (mg/L)

GWC-5 background:3/31/2015-8/9/2021

Analysis of Variance

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:18 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>Crit.</u>	<u>Sig.</u>	<u>Alpha</u>	<u>Transform</u>	<u>ANOVA Sig.</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Arsenic (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Barium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Beryllium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Boron, total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Cadmium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Calcium, total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Chloride, Total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Chromium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Cobalt (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Copper (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Fluoride, total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Lead (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Mercury (mg/L)	n/a	n/a	n/a	n/a	n/a	No	No	0.05	NP (NDs)
Nickel (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
pH (pH_units)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Selenium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Silver (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Sulfate, total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Thallium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	No	0.05	NP (NDs)
Total Dissolved Solids [TDS] (mg/l)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Vanadium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Zinc (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)

Upper Tolerance Limits Summary Table

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:20 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	n/a	0.011	n/a	n/a	n/a	n/a	379	n/a	n/a	69.66	n/a	n/a	NaN	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.0056	n/a	n/a	n/a	n/a	380	n/a	n/a	87.37	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	n/a	0.063	n/a	n/a	n/a	n/a	363	n/a	n/a	1.102	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	n/a	0.0005	n/a	n/a	n/a	n/a	284	n/a	n/a	91.55	n/a	n/a	NaN	NP Inter(NDs)
Boron, total (mg/L)	n/a	0.04	n/a	n/a	n/a	n/a	269	n/a	n/a	66.91	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.00076	n/a	n/a	n/a	n/a	382	n/a	n/a	93.46	n/a	n/a	NaN	NP Inter(NDs)
Calcium, total (mg/L)	n/a	66.6	n/a	n/a	n/a	n/a	271	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Chloride, Total (mg/L)	n/a	4.9	n/a	n/a	n/a	n/a	269	n/a	n/a	2.23	n/a	n/a	NaN	NP Inter(normality)
Chromium (mg/L)	n/a	0.015	n/a	n/a	n/a	n/a	370	n/a	n/a	77.57	n/a	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	n/a	0.022	n/a	n/a	n/a	n/a	381	n/a	n/a	79	n/a	n/a	NaN	NP Inter(NDs)
Copper (mg/L)	n/a	0.051	n/a	n/a	n/a	n/a	332	n/a	n/a	56.02	n/a	n/a	NaN	NP Inter(NDs)
Fluoride, total (mg/L)	n/a	0.3	n/a	n/a	n/a	n/a	268	n/a	n/a	60.07	n/a	n/a	NaN	NP Inter(NDs)
Lead (mg/L)	n/a	0.0038	n/a	n/a	n/a	n/a	382	n/a	n/a	85.6	n/a	n/a	NaN	NP Inter(NDs)
Nickel (mg/L)	n/a	0.053	n/a	n/a	n/a	n/a	326	n/a	n/a	53.07	n/a	n/a	NaN	NP Inter(NDs)
pH (pH_units)	n/a	8.04	5.07	n/a	n/a	n/a	280	n/a	n/a	0	n/a	n/a	0.00000911	NP Inter(normality)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	382	n/a	n/a	98.17	n/a	n/a	NaN	NP Inter(NDs)
Silver (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	334	n/a	n/a	91.32	n/a	n/a	NaN	NP Inter(NDs)
Sulfate, total (mg/L)	n/a	147	n/a	n/a	n/a	n/a	271	n/a	n/a	6.642	n/a	n/a	NaN	NP Inter(normality)
Total Dissolved Solids [TDS] (mg/l)	n/a	400	n/a	n/a	n/a	n/a	268	n/a	n/a	6.716	n/a	n/a	NaN	NP Inter(normality)
Vanadium (mg/L)	n/a	0.01	n/a	n/a	n/a	n/a	333	n/a	n/a	91.89	n/a	n/a	NaN	NP Inter(NDs)
Zinc (mg/L)	n/a	0.13	n/a	n/a	n/a	n/a	323	n/a	n/a	48.3	n/a	n/a	NaN	NP Inter(normality)

Confidence Intervals - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	GWC-5	0.0006507	0.000536	0.0005	Yes	21	0.0005933	0.000104	9.524	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-13RZ	8.07	5.961	4.9	Yes	18	7.016	1.742	0	None	No	0.01	Param.
pH (pH_units)	GWC-44	4.574	4.387	8.04	Yes	19	4.481	0.1412	0	None	No	0.005	Param.

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWC-10R	0.003	0.003	0.011	No	38	0.002902	0.0004372	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-11	0.003	0.0013	0.011	No	39	0.002656	0.0008268	84.62	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-11R	0.00351	0.003	0.011	No	40	0.003471	0.001898	70	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-13	0.003	0.0023	0.011	No	39	0.002851	0.0004867	89.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-13RZ	0.003	0.0015	0.011	No	33	0.002476	0.001025	54.55	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-14Z	0.003	0.0017	0.011	No	39	0.002839	0.0007429	87.18	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-15R	0.0038	0.0026	0.011	No	39	0.003435	0.002218	51.28	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-15Z	0.003	0.003	0.011	No	38	0.002989	0.0007068	86.84	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-45	0.002219	0.00102	0.011	No	18	0.002127	0.001605	22.22	Kaplan-Meier	x^(1/3)	0.01	Param.
Antimony (mg/L)	GWC-45R	0.003	0.001	0.011	No	18	0.002326	0.001061	50	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-46R	0.003	0.001	0.011	No	18	0.002889	0.0004714	94.44	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-47	0.003	0.0006	0.011	No	18	0.002718	0.0008228	88.89	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-47R	0.003	0.00056	0.011	No	18	0.001632	0.001089	33.33	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-48	0.003	0.0018	0.011	No	18	0.0028	0.0006174	88.89	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-49R	0.0032	0.0019	0.011	No	18	0.002628	0.0007307	55.56	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-49Z	0.003	0.0009	0.011	No	18	0.001884	0.0009465	33.33	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-5	0.003	0.003	0.011	No	38	0.002868	0.0005679	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-6	0.003	0.003	0.011	No	39	0.002898	0.0005128	92.31	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-6RZ	0.003	0.0028	0.011	No	21	0.002752	0.0006562	80.95	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-7Z	0.003	0.00099	0.011	No	18	0.002293	0.0009574	61.11	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-8RR	0.003	0.0025	0.011	No	27	0.002554	0.0008383	74.07	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-9	0.003	0.003	0.011	No	39	0.002949	0.0003203	97.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-10	0.005	0.005	0.0056	No	38	0.004779	0.001173	89.47	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-10R	0.005	0.005	0.0056	No	39	0.004921	0.0004964	97.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-11	0.005	0.005	0.0056	No	39	0.004817	0.0008196	94.87	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-11R	0.005	0.0029	0.0056	No	39	0.003953	0.001721	41.03	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWC-12	0.006611	0.00486	0.0056	No	38	0.006461	0.001966	23.68	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	GWC-13	0.005	0.0022	0.0056	No	39	0.004097	0.001988	71.79	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-13RZ	0.005	0.00144	0.0056	No	37	0.00362	0.00192	56.76	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-14Z	0.005	0.005	0.0056	No	38	0.004949	0.001014	86.84	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-15R	0.005	0.0026	0.0056	No	39	0.004599	0.001234	89.74	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-15Z	0.005	0.00261	0.0056	No	39	0.004476	0.001513	74.36	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-44	0.005	0.0033	0.0056	No	17	0.004194	0.001581	76.47	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-45R	0.005	0.0006	0.0056	No	18	0.004756	0.001037	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-46R	0.005	0.0004	0.0056	No	18	0.004744	0.001084	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-47	0.005	0.0006	0.0056	No	18	0.004756	0.001037	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-47R	0.005	0.00091	0.0056	No	17	0.003098	0.002087	52.94	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-49R	0.005	0.00041	0.0056	No	18	0.004745	0.001082	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-5	0.005	0.005	0.0056	No	39	0.004887	0.0007046	97.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-6	0.005	0.0016	0.0056	No	38	0.004359	0.001508	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-6RZ	0.005	0.0012	0.0056	No	22	0.004617	0.001245	90.91	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-7Z	0.002473	0.001422	0.0056	No	18	0.002823	0.00143	22.22	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	GWC-8RR	0.005	0.0029	0.0056	No	27	0.004287	0.001577	81.48	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-8Z	0.005	0.0011	0.0056	No	22	0.004026	0.001841	77.27	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-9	0.005	0.005	0.0056	No	38	0.004917	0.001156	89.47	Kaplan-Meier	No	0.01	NP (NDs)
Barium (mg/L)	GWC-10	0.02118	0.01656	0.063	No	36	0.01922	0.006191	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-10R	0.02624	0.02238	0.063	No	39	0.02431	0.004971	0	None	No	0.01	Param.
Barium (mg/L)	GWC-11	0.013	0.0089	0.063	No	38	0.01477	0.009377	2.632	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-11R	0.01569	0.01199	0.063	No	39	0.01384	0.004751	0	None	No	0.01	Param.
Barium (mg/L)	GWC-12	0.0279	0.0241	0.063	No	35	0.02775	0.00894	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-13	0.0311	0.0228	0.063	No	37	0.02777	0.01114	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-13RZ	0.082	0.02	0.063	No	37	0.05068	0.03359	0	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-14Z	0.02236	0.01383	0.063	No	35	0.01929	0.01162	5.714	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-15R	0.02497	0.02226	0.063	No	38	0.02361	0.003439	0	None	No	0.01	Param.
Barium (mg/L)	GWC-15Z	0.01233	0.008746	0.063	No	38	0.01054	0.004547	2.632	None	No	0.01	Param.
Barium (mg/L)	GWC-44	0.05296	0.0288	0.063	No	17	0.04088	0.01928	0	None	No	0.01	Param.
Barium (mg/L)	GWC-45	0.006237	0.005736	0.063	No	17	0.005994	0.0004175	0	None	ln(x)	0.01	Param.
Barium (mg/L)	GWC-45R	0.0227	0.01971	0.063	No	18	0.02121	0.002465	0	None	No	0.01	Param.
Barium (mg/L)	GWC-46R	0.01573	0.01283	0.063	No	18	0.01441	0.002635	0	None	ln(x)	0.01	Param.
Barium (mg/L)	GWC-47	0.01344	0.009828	0.063	No	18	0.01163	0.002984	0	None	No	0.01	Param.
Barium (mg/L)	GWC-47R	0.01205	0.008084	0.063	No	17	0.01006	0.00316	5.882	None	No	0.01	Param.
Barium (mg/L)	GWC-48	0.03346	0.02611	0.063	No	19	0.02908	0.007607	5.263	None	x^2	0.01	Param.
Barium (mg/L)	GWC-49R	0.015	0.0098	0.063	No	18	0.01251	0.005309	5.556	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-49Z	0.0081	0.0032	0.063	No	18	0.005472	0.003098	5.556	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-5	0.01905	0.01578	0.063	No	38	0.01742	0.00414	0	None	No	0.01	Param.
Barium (mg/L)	GWC-6	0.01373	0.009456	0.063	No	36	0.01227	0.006091	2.778	None	x^(1/3)	0.01	Param.
Barium (mg/L)	GWC-6RZ	0.01047	0.006919	0.063	No	22	0.008697	0.003312	4.545	None	No	0.01	Param.
Barium (mg/L)	GWC-7Z	0.02879	0.02162	0.063	No	18	0.02521	0.00593	0	None	No	0.01	Param.
Barium (mg/L)	GWC-8RR	0.017	0.014	0.063	No	27	0.01569	0.002584	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-8Z	0.0326	0.02396	0.063	No	22	0.02915	0.009515	0	None	ln(x)	0.01	Param.
Barium (mg/L)	GWC-9	0.04123	0.03655	0.063	No	35	0.03889	0.005672	0	None	No	0.01	Param.
Beryllium (mg/L)	GWC-10	0.0005	0.00015	0.0005	No	21	0.0003444	0.0001873	57.14	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-11	0.0005	0.000057	0.0005	No	21	0.0004789	0.00009667	95.24	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-13	0.0005	0.000074	0.0005	No	21	0.0002713	0.0002061	42.86	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-14Z	0.0005	0.00011	0.0005	No	21	0.0003614	0.0002447	52.38	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-44	0.0005	0.000067	0.0005	No	18	0.0002862	0.0002201	50	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-45R	0.0005	0.000056	0.0005	No	18	0.0004753	0.0001047	94.44	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-48	0.00036	0.0002	0.0005	No	18	0.0002967	0.0001074	16.67	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-5	0.0006507	0.000536	0.0005	Yes	21	0.0005933	0.000104	9.524	None	No	0.01	Param.
Beryllium (mg/L)	GWC-6	0.0005	0.00024	0.0005	No	21	0.0004531	0.0001212	85.71	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-6RZ	0.0005	0.000076	0.0005	No	22	0.0003446	0.0002105	63.64	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-8RR	0.0005	0.00025	0.0005	No	21	0.0004881	0.00005455	95.24	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-8Z	0.0005	0.0001	0.0005	No	22	0.0004391	0.0002651	72.73	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-9	0.0001792	0.0001025	0.0005	No	21	0.0002487	0.000153	23.81	Kaplan-Meier	sqrt(x)	0.01	Param.
Boron, total (mg/L)	GWC-10	0.04	0.004	0.04	No	18	0.038	0.008485	94.44	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-10R	0.04	0.0169	0.04	No	18	0.03492	0.01189	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-11	0.04	0.0085	0.04	No	18	0.03825	0.007425	94.44	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-11R	0.04	0.0072	0.04	No	18	0.03258	0.01429	77.78	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-13	0.02172	0.01327	0.04	No	18	0.02298	0.01168	22.22	Kaplan-Meier	x^(1/3)	0.01	Param.
Boron, total (mg/L)	GWC-13RZ	0.02	0.0117	0.04	No	18	0.0184	0.01042	16.67	None	No	0.01	NP (normality)
Boron, total (mg/L)	GWC-14Z	0.04	0.0081	0.04	No	17	0.03424	0.01283	82.35	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-15R	0.04	0.0075	0.04	No	18	0.02742	0.01628	61.11	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-15Z	0.04	0.0076	0.04	No	18	0.03077	0.01534	72.22	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-44	0.04	0.0089	0.04	No	18	0.02336	0.01409	38.89	None	No	0.01	NP (normality)
Boron, total (mg/L)	GWC-45	0.04	0.019	0.04	No	18	0.03529	0.01104	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-45R	0.04	0.006	0.04	No	18	0.02779	0.01615	61.11	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-46R	0.04	0.0254	0.04	No	18	0.03424	0.01205	77.78	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-47	0.04	0.0133	0.04	No	18	0.03512	0.01126	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-47R	0.04	0.0109	0.04	No	18	0.03286	0.01381	77.78	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-48	0.04	0.0078	0.04	No	18	0.03821	0.00759	94.44	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-49R	0.04	0.01	0.04	No	18	0.03476	0.0121	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-49Z	0.04	0.0066	0.04	No	18	0.02732	0.01646	61.11	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-5	0.04	0.0083	0.04	No	18	0.03431	0.01312	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-6	0.04	0.0061	0.04	No	18	0.03812	0.00799	94.44	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWC-6RZ	0.04	0.0073	0.04	No	18	0.03428	0.01316	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-7Z	0.04	0.0064	0.04	No	18	0.02503	0.01723	55.56	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-8RR	0.04	0.0115	0.04	No	18	0.03663	0.009835	88.89	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-8Z	0.04	0.0065	0.04	No	18	0.03814	0.007896	94.44	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-9	0.04	0.0096	0.04	No	18	0.03452	0.01263	83.33	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-10R	0.0005	0.0005	0.00076	No	39	0.0004923	0.00004804	97.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-11R	0.0005	0.0005	0.00076	No	39	0.0004972	0.0000291	94.87	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-12	0.0005	0.00035	0.00076	No	39	0.0004465	0.0002014	56.41	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-14Z	0.0005	0.0005	0.00076	No	39	0.0004897	0.00006405	97.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-15R	0.0005	0.00028	0.00076	No	38	0.0004681	0.00009671	89.47	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-44	0.0005	0.00008	0.00076	No	18	0.0004767	0.00009899	94.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-45R	0.008407	0.0005	0.00076	No	18	0.0009393	0.001864	94.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-47	0.0005	0.00014	0.00076	No	18	0.0003574	0.0001851	61.11	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-48	0.00021	0.00016	0.00076	No	17	0.0002001	0.00008721	5.882	None	No	0.01	NP (normality)
Cadmium (mg/L)	GWC-49Z	0.0005	0.0002	0.00076	No	18	0.0003661	0.0001758	61.11	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-5	0.0005	0.00033	0.00076	No	39	0.0004497	0.0001725	79.49	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-6	0.0005	0.0005	0.00076	No	39	0.0004785	0.00009385	94.87	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-7Z	0.0005	0.00009	0.00076	No	18	0.0004772	0.00009664	94.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-8Z	0.0005	0.0002	0.00076	No	22	0.0004682	0.0001041	90.91	None	No	0.01	NP (NDs)
Calcium, total (mg/L)	GWC-10	33.78	25.55	66.6	No	18	28.98	7.769	0	None	x^2	0.01	Param.
Calcium, total (mg/L)	GWC-10R	43.02	39.13	66.6	No	18	41.07	3.214	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-11	20.02	14.71	66.6	No	18	16.88	5.011	0	None	x^2	0.01	Param.
Calcium, total (mg/L)	GWC-11R	29.92	24.17	66.6	No	18	27.04	4.751	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-12	8.4	7.738	66.6	No	18	8.069	0.5471	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-13	51.36	37.19	66.6	No	18	44.27	11.71	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-13RZ	47.79	40.79	66.6	No	18	43.57	7.105	0	None	x^3	0.01	Param.
Calcium, total (mg/L)	GWC-14Z	24.67	15.74	66.6	No	18	20.6	8.135	0	None	sqrt(x)	0.01	Param.
Calcium, total (mg/L)	GWC-15R	38.67	33.95	66.6	No	17	36.31	3.771	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-15Z	25.61	22.23	66.6	No	18	23.02	4.982	0	None	x^4	0.01	Param.
Calcium, total (mg/L)	GWC-44	10.43	4.15	66.6	No	18	7.288	5.187	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-45	0.93	0.775	66.6	No	18	0.8467	0.09013	0	None	No	0.01	NP (normality)
Calcium, total (mg/L)	GWC-45R	38.68	33.01	66.6	No	18	35.84	4.682	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-46R	46.85	41.94	66.6	No	18	44.39	4.053	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-47	24.73	21.57	66.6	No	18	23.15	2.611	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-47R	32.3	28.62	66.6	No	18	30.46	3.042	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-48	4.4	2.5	66.6	No	18	3.525	2.434	5.556	None	No	0.01	NP (normality)
Calcium, total (mg/L)	GWC-49R	26.76	24.04	66.6	No	18	25.4	2.25	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-49Z	1.86	0.69	66.6	No	18	1.595	1.531	0	None	No	0.01	NP (normality)
Calcium, total (mg/L)	GWC-5	4.29	2.6	66.6	No	18	3.914	2.422	0	None	No	0.01	NP (normality)
Calcium, total (mg/L)	GWC-6	14.72	13.46	66.6	No	17	14.09	1.009	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-6RZ	11.82	9.856	66.6	No	17	10.84	1.567	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-7Z	24.99	22.79	66.6	No	18	23.89	1.818	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-8RR	23.02	21.56	66.6	No	18	22.29	1.212	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-8Z	22.11	18.39	66.6	No	17	20.06	3.429	0	None	x^2	0.01	Param.
Calcium, total (mg/L)	GWC-9	18.3	1.8	66.6	No	18	8.789	8.314	0	None	No	0.01	NP (normality)
Chloride, Total (mg/L)	GWC-10	2.497	2.108	4.9	No	18	2.303	0.3213	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-10R	2.878	2.417	4.9	No	18	2.648	0.381	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-11	1.385	1.136	4.9	No	18	1.261	0.206	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-11R	1.73	1.471	4.9	No	18	1.601	0.2137	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-12	1.085	0.8163	4.9	No	18	0.9507	0.2223	5.556	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-13	4.935	3.566	4.9	No	18	4.294	1.205	0	None	sqrt(x)	0.01	Param.
Chloride, Total (mg/L)	GWC-13RZ	8.07	5.961	4.9	Yes	18	7.016	1.742	0	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-14Z	3.707	2.822	4.9	No	18	3.264	0.7309	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-15R	1.774	1.481	4.9	No	18	1.627	0.2419	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-15Z	1.329	0.7969	4.9	No	18	1.063	0.4398	11.11	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-44	5.786	3.56	4.9	No	19	4.673	1.901	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-45	1.031	0.7872	4.9	No	18	0.9092	0.2015	11.11	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-45R	4	3	4.9	No	18	3.382	0.5235	0	None	No	0.01	NP (normality)
Chloride, Total (mg/L)	GWC-46R	2.216	1.59	4.9	No	18	1.903	0.5178	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-47	2.57	2.29	4.9	No	18	2.43	0.2309	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-47R	2.566	2.323	4.9	No	18	2.445	0.2005	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-48	3.541	2.483	4.9	No	18	3.063	0.9402	0	None	x^(1/3)	0.01	Param.
Chloride, Total (mg/L)	GWC-49R	1.7	1.2	4.9	No	18	1.515	0.3551	0	None	No	0.01	NP (normality)
Chloride, Total (mg/L)	GWC-49Z	1.241	0.952	4.9	No	18	1.076	0.2651	11.11	None	x^2	0.01	Param.
Chloride, Total (mg/L)	GWC-5	0.8916	0.7306	4.9	No	18	0.8111	0.133	5.56	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-6	1.255	1.087	4.9	No	18	1.152	0.19	5.56	None	x^3	0.01	Param.
Chloride, Total (mg/L)	GWC-6RZ	1.497	1.222	4.9	No	18	1.341	0.2668	5.56	None	x^2	0.01	Param.
Chloride, Total (mg/L)	GWC-7Z	1.286	0.8864	4.9	No	18	1.086	0.3301	5.56	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-8RR	1.096	0.8662	4.9	No	18	0.9812	0.19	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-8Z	1.593	1.322	4.9	No	18	1.457	0.2243	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-9	2.251	2.006	4.9	No	18	2.128	0.2026	0	None	No	0.01	Param.
Chromium (mg/L)	GWC-10	0.005	0.0027	0.015	No	38	0.005486	0.006622	47.37	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-10R	0.005	0.0039	0.015	No	37	0.004842	0.001656	78.38	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-11	0.006685	0.004154	0.015	No	38	0.006479	0.002433	28.95	Kaplan-Meier	No	0.01	Param.
Chromium (mg/L)	GWC-11R	0.017	0.0062	0.015	No	39	0.01502	0.01241	2.564	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-12	0.005	0.0036	0.015	No	38	0.005284	0.004248	76.32	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-13	0.0089	0.0062	0.015	No	39	0.009062	0.005758	0	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-13RZ	0.005	0.0049	0.015	No	38	0.004458	0.001209	76.32	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-14Z	0.0056	0.0037	0.015	No	37	0.005154	0.003848	32.43	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-15R	0.005	0.0036	0.015	No	38	0.004496	0.00264	60.53	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-15Z	0.0067	0.0029	0.015	No	33	0.005546	0.005557	51.52	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-44	0.005	0.00074	0.015	No	18	0.004763	0.001004	94.44	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-45	0.005	0.0007	0.015	No	18	0.004761	0.001014	94.44	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-45R	0.005	0.00092	0.015	No	18	0.004277	0.001665	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-46R	0.0052	0.0018	0.015	No	19	0.0037	0.001651	15.79	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-47	0.00248	0.0013	0.015	No	17	0.002122	0.001173	11.76	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-47R	0.0024	0.0015	0.015	No	17	0.00288	0.003925	0	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-48	0.005	0.00185	0.015	No	18	0.002705	0.001551	27.78	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-49R	0.005	0.0006	0.015	No	18	0.003094	0.002201	55.56	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-49Z	0.017	0.0017	0.015	No	18	0.004664	0.003498	66.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-5	0.0073	0.0037	0.015	No	39	0.006466	0.006241	56.41	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-6	0.005	0.0024	0.015	No	38	0.004511	0.004837	26.32	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-6RZ	0.0028	0.0017	0.015	No	22	0.002618	0.001373	22.73	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-7Z	0.005	0.0014	0.015	No	18	0.0048	0.0008485	94.44	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-8RR	0.005	0.0019	0.015	No	26	0.003558	0.001774	50	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-8Z	0.005	0.0018	0.015	No	21	0.003029	0.001524	28.57	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-9	0.005	0.0023	0.015	No	37	0.005067	0.00259	81.08	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-10	0.005	0.0021	0.022	No	39	0.004135	0.002301	58.97	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-11	0.005	0.0045	0.022	No	39	0.005051	0.001894	82.05	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-11R	0.005	0.005	0.022	No	38	0.004822	0.0007967	94.74	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-12	0.0039	0.00305	0.022	No	38	0.003884	0.001578	7.895	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-13	0.005	0.005	0.022	No	39	0.005018	0.001647	87.18	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-13RZ	0.005	0.005	0.022	No	39	0.005074	0.0004644	97.44	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-14Z	0.005	0.005	0.022	No	39	0.004953	0.001491	82.05	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	GWC-15R	0.005	0.005	0.022	No	39	0.004769	0.001006	94.87	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-15Z	0.005	0.005	0.022	No	38	0.004884	0.0004984	94.74	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-44	0.0021	0.0014	0.022	No	18	0.001851	0.0008474	5.556	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-45	0.0017	0.0011	0.022	No	18	0.001706	0.001213	11.11	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-46R	0.005	0.0006	0.022	No	18	0.004756	0.001037	94.44	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-48	0.0021	0.00135	0.022	No	18	0.001846	0.0008778	5.556	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-49Z	0.003994	0.001923	0.022	No	18	0.002959	0.001712	11.11	None	No	0.01	Param.
Cobalt (mg/L)	GWC-5	0.005	0.0024	0.022	No	39	0.003657	0.001995	58.97	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-6	0.005	0.0047	0.022	No	39	0.004757	0.0009078	89.74	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-7Z	0.00099	0.0005	0.022	No	18	0.0009922	0.001053	5.556	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-8RR	0.005	0.0014	0.022	No	27	0.00473	0.0009742	92.59	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-8Z	0.005	0.0018	0.022	No	22	0.004541	0.001186	86.36	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-9	0.005	0.0047	0.022	No	38	0.004298	0.001555	71.05	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-10	0.005	0.004	0.051	No	34	0.004862	0.0006272	79.41	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-10R	0.005	0.0046	0.051	No	34	0.004791	0.0009616	82.35	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-11	0.005	0.0037	0.051	No	34	0.00487	0.001826	85.29	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-11R	0.005	0.0032	0.051	No	34	0.005024	0.003178	70.59	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-12	0.005	0.0034	0.051	No	34	0.004715	0.001176	76.47	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-13	0.005	0.0035	0.051	No	34	0.004353	0.001524	82.35	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-13RZ	0.005	0.0043	0.051	No	33	0.00482	0.001893	78.79	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-14Z	0.005	0.0048	0.051	No	34	0.004553	0.0009817	73.53	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-15R	0.005	0.0043	0.051	No	34	0.004695	0.003103	73.53	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-15Z	0.005	0.0042	0.051	No	33	0.005176	0.003102	72.73	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-44	0.005	0.00053	0.051	No	17	0.003431	0.00219	64.71	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-45	0.012	0.0008	0.051	No	17	0.004048	0.00284	58.82	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-45R	0.005	0.0022	0.051	No	17	0.004835	0.0006791	94.12	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-46R	0.005	0.0008	0.051	No	17	0.004753	0.001019	94.12	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-47	0.005	0.0011	0.051	No	17	0.004494	0.001435	88.24	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-47R	0.005	0.001	0.051	No	17	0.003736	0.002026	70.59	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-48	0.005	0.0018	0.051	No	17	0.003999	0.001885	76.47	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-49Z	0.005	0.00061	0.051	No	17	0.003469	0.002162	64.71	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-5	0.02969	0.01775	0.051	No	33	0.02537	0.015	0	None	sqrt(x)	0.01	Param.
Copper (mg/L)	GWC-6	0.005	0.0038	0.051	No	34	0.004427	0.001271	64.71	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-6RZ	0.005	0.00028	0.051	No	17	0.004722	0.001145	94.12	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-7Z	0.005	0.00025	0.051	No	12	0.003455	0.002284	66.67	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-8RR	0.005	0.002	0.051	No	22	0.004864	0.0006396	95.45	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-8Z	0.005	0.00091	0.051	No	17	0.004203	0.00178	76.47	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-9	0.005	0.0048	0.051	No	34	0.004708	0.001756	67.65	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-10	0.1	0.0389	0.3	No	18	0.07841	0.03179	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-10R	0.1	0.05	0.3	No	18	0.08599	0.02743	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-11	0.1	0.042	0.3	No	18	0.08098	0.02827	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-11R	0.1	0.05	0.3	No	18	0.08528	0.02891	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-12	0.1	0.035	0.3	No	18	0.08372	0.0317	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-13	0.24	0.08	0.3	No	18	0.09441	0.04504	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-13RZ	0.1719	0.1034	0.3	No	18	0.1377	0.05657	11.11	None	No	0.01	Param.
Fluoride, total (mg/L)	GWC-14Z	0.1	0.05	0.3	No	17	0.08028	0.03177	64.71	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-15R	0.1	0.06	0.3	No	18	0.08479	0.03101	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-15Z	0.1	0.03	0.3	No	18	0.07766	0.03416	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-44	0.09014	0.02736	0.3	No	19	0.0913	0.05015	31.58	Kaplan-Meier	No	0.01	Param.
Fluoride, total (mg/L)	GWC-45	0.1	0.04	0.3	No	18	0.087	0.03048	83.33	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-45R	0.14	0.039	0.3	No	18	0.08304	0.03746	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-46R	0.1	0.05	0.3	No	18	0.08306	0.03366	77.78	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	GWC-47	0.1	0.047	0.3	No	18	0.0783	0.03391	44.44	None	No	0.01	NP (normality)
Fluoride, total (mg/L)	GWC-47R	0.13	0.065	0.3	No	18	0.08533	0.03416	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-48	0.1	0.03	0.3	No	18	0.07742	0.03508	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-49R	0.1	0.07	0.3	No	18	0.09011	0.0244	83.33	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-49Z	0.1	0.08	0.3	No	18	0.08861	0.02999	83.33	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-5	0.1	0.04	0.3	No	18	0.0825	0.03426	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-6	0.1	0.0376	0.3	No	18	0.08259	0.03396	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-6RZ	0.1	0.08	0.3	No	18	0.08568	0.02869	72.22	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-7Z	0.22	0.05	0.3	No	18	0.0895	0.04414	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-8RR	0.1	0.02	0.3	No	18	0.08569	0.03308	83.33	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-8Z	0.1	0.05	0.3	No	18	0.07987	0.03064	55.56	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-9	0.1	0.0518	0.3	No	18	0.09069	0.02178	83.33	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-10	0.001	0.001	0.0038	No	39	0.0009756	0.0001526	97.44	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-10R	0.001	0.001	0.0038	No	39	0.0009787	0.0001329	97.44	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-11	0.001	0.00009	0.0038	No	39	0.0009279	0.0002531	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-11R	0.001	0.00018	0.0038	No	39	0.000931	0.0002428	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-13	0.001	0.00024	0.0038	No	39	0.0008031	0.0003651	76.92	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-13RZ	0.001	0.0003	0.0038	No	39	0.0009101	0.0002715	89.74	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-14Z	0.001	0.001	0.0038	No	39	0.0009597	0.0001754	94.87	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-15R	0.001	0.00093	0.0038	No	39	0.0008631	0.000269	71.79	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-15Z	0.001	0.000075	0.0038	No	39	0.0009273	0.0002553	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-44	0.0005559	0.0003231	0.0038	No	18	0.0006106	0.000295	27.78	Kaplan-Meier	sqrt(x)	0.01	Param.
Lead (mg/L)	GWC-45	0.001	0.00012	0.0038	No	18	0.0004967	0.0004196	38.89	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-45R	0.001	0.0001	0.0038	No	18	0.0007453	0.0004228	72.22	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-47	0.001	0.0001	0.0038	No	18	0.0007553	0.000409	72.22	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-47R	0.001	0.0001	0.0038	No	18	0.0007975	0.0003898	77.78	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-48	0.002529	0.0002	0.0038	No	18	0.001041	0.0004164	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-49Z	0.001	0.00017	0.0038	No	18	0.0007098	0.000424	66.67	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-5	0.001	0.001	0.0038	No	39	0.0009757	0.000152	97.44	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-6	0.001	0.0003	0.0038	No	39	0.0008657	0.0003205	84.62	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-6RZ	0.001	0.00008	0.0038	No	22	0.0008736	0.0003255	86.36	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-7Z	0.001	0.00009	0.0038	No	18	0.0005517	0.0004621	50	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-8RR	0.001	0.0001	0.0038	No	27	0.0008976	0.0002951	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-8Z	0.001	0.00016	0.0038	No	22	0.000515	0.0004203	40.91	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-9	0.001	0.0002	0.0038	No	39	0.000779	0.0003953	71.79	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-10	0.005	0.0036	0.053	No	34	0.006487	0.007296	47.06	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-10R	0.005	0.0011	0.053	No	33	0.004662	0.001289	84.85	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-11	0.005	0.0042	0.053	No	34	0.004912	0.0009828	88.24	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-11R	0.005	0.0046	0.053	No	34	0.004962	0.000167	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-12	0.005	0.0025	0.053	No	34	0.004866	0.005565	38.24	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-13	0.0061	0.0043	0.053	No	34	0.005234	0.002071	76.47	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-13RZ	0.005	0.0039	0.053	No	32	0.004591	0.0009665	81.25	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-14Z	0.0061	0.0045	0.053	No	34	0.005172	0.00234	64.71	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-15R	0.005	0.0038	0.053	No	33	0.004246	0.002107	57.58	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-15Z	0.0058	0.005	0.053	No	33	0.005906	0.003204	84.85	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-44	0.005	0.0007	0.053	No	17	0.003244	0.002165	58.82	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-45	0.0015	0.00099	0.053	No	17	0.001521	0.001032	5.882	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-45R	0.005	0.00095	0.053	No	17	0.004762	0.0009823	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-46R	0.005	0.0013	0.053	No	17	0.004782	0.0008974	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-47	0.005	0.0004	0.053	No	17	0.004729	0.001116	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-47R	0.005	0.0007	0.053	No	17	0.0037	0.001989	64.71	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-48	0.004425	0.003468	0.053	No	17	0.003946	0.0007644	5.882	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWC-49R	0.005	0.0004	0.053	No	17	0.004729	0.001116	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-49Z	0.004469	0.002259	0.053	No	17	0.003364	0.001764	5.882	None	No	0.01	Param.
Nickel (mg/L)	GWC-5	0.028	0.0098	0.053	No	34	0.02109	0.01293	0	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-6	0.005	0.0042	0.053	No	33	0.005267	0.003573	57.58	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-7Z	0.005	0.00078	0.053	No	12	0.00264	0.002089	41.67	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-8RR	0.005	0.003	0.053	No	22	0.004695	0.00107	90.91	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-8Z	0.005	0.002	0.053	No	17	0.003906	0.001805	70.59	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-9	0.005	0.00116	0.053	No	32	0.003875	0.002774	34.38	None	No	0.01	NP (normality)
pH (pH_units)	GWC-10	7.273	6.671	8.04	No	18	6.972	0.4407	0	None	No	0.005	Param.
pH (pH_units)	GWC-10R	7.561	7.391	8.04	No	18	7.476	0.1245	0	None	No	0.005	Param.
pH (pH_units)	GWC-11	7.14	6.567	8.04	No	18	6.853	0.4198	0	None	No	0.005	Param.
pH (pH_units)	GWC-11R	7.893	7.651	8.04	No	19	7.772	0.1829	0	None	No	0.005	Param.
pH (pH_units)	GWC-12	6.427	6.212	8.04	No	18	6.316	0.1659	0	None	x^4	0.005	Param.
pH (pH_units)	GWC-13	7.389	7.266	8.04	No	18	7.327	0.08976	0	None	No	0.005	Param.
pH (pH_units)	GWC-13RZ	7.49	7.11	8.04	No	19	7.297	0.3323	0	None	No	0.01	NP (normality)
pH (pH_units)	GWC-14Z	6.93	6.06	8.04	No	15	6.515	0.4309	0	None	No	0.01	NP (normality)
pH (pH_units)	GWC-15R	7.659	7.496	8.04	No	18	7.578	0.1195	0	None	No	0.005	Param.
pH (pH_units)	GWC-15Z	7.837	7.698	8.04	No	16	7.768	0.09413	0	None	No	0.005	Param.
pH (pH_units)	GWC-44	4.574	4.387	8.04	Yes	19	4.481	0.1412	0	None	No	0.005	Param.
pH (pH_units)	GWC-45	5.071	4.855	8.04	No	20	4.963	0.1689	0	None	No	0.005	Param.
pH (pH_units)	GWC-45R	7.344	7.133	8.04	No	18	7.238	0.1542	0	None	No	0.005	Param.
pH (pH_units)	GWC-46R	7.444	7.324	8.04	No	19	7.384	0.0907	0	None	No	0.005	Param.
pH (pH_units)	GWC-47	7.584	7.427	8.04	No	20	7.506	0.1225	0	None	No	0.005	Param.
pH (pH_units)	GWC-47R	7.782	7.546	8.04	No	19	7.664	0.1789	0	None	No	0.005	Param.
pH (pH_units)	GWC-48	5.182	4.929	8.04	No	20	5.056	0.1983	0	None	No	0.005	Param.
pH (pH_units)	GWC-49R	7.998	7.759	8.04	No	19	7.878	0.1806	0	None	No	0.005	Param.
pH (pH_units)	GWC-49Z	5.749	5.294	8.04	No	19	5.522	0.3445	0	None	No	0.005	Param.
pH (pH_units)	GWC-5	6.39	5.98	8.04	No	18	6.212	0.361	0	None	No	0.01	NP (normality)
pH (pH_units)	GWC-6	7.449	7.254	8.04	No	18	7.352	0.1432	0	None	No	0.005	Param.
pH (pH_units)	GWC-6RZ	7.108	6.889	8.04	No	18	6.998	0.1604	0	None	No	0.005	Param.
pH (pH_units)	GWC-7Z	7.565	7.164	8.04	No	18	7.364	0.293	0	None	No	0.005	Param.
pH (pH_units)	GWC-8RR	8.057	7.885	8.04	No	19	7.971	0.1302	0	None	No	0.005	Param.
pH (pH_units)	GWC-8Z	7.758	7.016	8.04	No	18	7.387	0.5433	0	None	No	0.005	Param.
pH (pH_units)	GWC-9	6.44	4.82	8.04	No	18	5.609	0.8028	0	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-13	0.005	0.0048	0.005	No	39	0.004723	0.001357	61.54	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-13RZ	0.005	0.0024	0.005	No	39	0.004682	0.0009597	89.74	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-14Z	0.005	0.005	0.005	No	39	0.004826	0.0007597	94.87	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-15R	0.005	0.005	0.005	No	39	0.004913	0.0005444	97.44	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-44	0.004125	0.002407	0.005	No	18	0.004111	0.001486	38.89	Kaplan-Meier	No	0.01	Param.
Selenium (mg/L)	GWC-46R	0.005	0.0009	0.005	No	18	0.004772	0.0009664	94.44	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-48	0.005	0.0009	0.005	No	18	0.004772	0.0009664	94.44	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-5	0.005	0.005	0.005	No	38	0.005032	0.000687	89.47	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-6RZ	0.005	0.0038	0.005	No	22	0.004945	0.0002558	95.45	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-8Z	0.0089	0.005	0.005	No	22	0.005177	0.0008315	95.45	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-9	0.005	0.005	0.005	No	39	0.004924	0.0004772	97.44	None	No	0.01	NP (NDs)
Silver (mg/L)	GWC-12	0.005	0.005	0.005	No	34	0.004988	0.0000686	97.06	None	No	0.01	NP (NDs)
Silver (mg/L)	GWC-13RZ	0.005	0.005	0.005	No	33	0.004927	0.0004178	96.97	None	No	0.01	NP (NDs)
Sulfate, total (mg/L)	GWC-10	1.536	1.158	147	No	18	1.347	0.3121	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-10R	1.584	1.195	147	No	18	1.389	0.3212	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-11	2.757	2.073	147	No	18	2.415	0.5654	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-11R	2.962	1.945	147	No	18	2.454	0.8403	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-12	0.5	0.35	147	No	18	0.4449	0.1185	44.44	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate, total (mg/L)	GWC-13	95.3	36.98	147	No	18	66.14	48.2	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-13RZ	68.26	49.76	147	No	18	57.02	18.3	0	None	x^2	0.01	Param.
Sulfate, total (mg/L)	GWC-14Z	6.168	2.773	147	No	17	4.471	2.709	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-15R	10.19	8.083	147	No	18	9.136	1.739	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-15Z	4.448	1.385	147	No	18	3.431	3.358	0	None	x^(1/3)	0.01	Param.
Sulfate, total (mg/L)	GWC-44	31.29	13.43	147	No	18	22.36	14.77	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-45	0.9213	0.5573	147	No	18	0.7412	0.3184	27.78	Kaplan-Meier	sqrt(x)	0.01	Param.
Sulfate, total (mg/L)	GWC-45R	4.2	2.6	147	No	18	3.286	1.059	0	None	No	0.01	NP (normality)
Sulfate, total (mg/L)	GWC-46R	7.188	5.892	147	No	18	6.54	1.071	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-47	4.589	4.036	147	No	18	4.313	0.4569	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-47R	10.84	7.966	147	No	18	9.402	2.373	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-48	3.59	1.302	147	No	20	3.558	5.049	5	None	ln(x)	0.01	Param.
Sulfate, total (mg/L)	GWC-49R	3.75	2.742	147	No	19	3.325	0.9983	0	None	ln(x)	0.01	Param.
Sulfate, total (mg/L)	GWC-49Z	2.4	1.2	147	No	18	2.552	2.148	0	None	No	0.01	NP (normality)
Sulfate, total (mg/L)	GWC-5	1.569	1.217	147	No	18	1.393	0.2911	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-6	2.616	1.814	147	No	18	2.215	0.6624	5.556	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-6RZ	2.271	1.53	147	No	18	1.9	0.6126	5.556	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-7Z	1.301	0.6826	147	No	18	0.9917	0.5108	5.556	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-8RR	1.204	0.7588	147	No	18	1.002	0.3973	5.556	None	sqrt(x)	0.01	Param.
Sulfate, total (mg/L)	GWC-8Z	2.472	1.323	147	No	18	1.897	0.9498	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-9	2.855	1.77	147	No	18	2.313	0.8969	5.556	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-10	142.5	105.5	400	No	18	124	30.53	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	168.9	126.1	400	No	18	147.5	35.32	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-11	106.8	79.49	400	No	18	93.17	22.6	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	142.7	121.1	400	No	18	131.9	17.84	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-12	73	58	400	No	18	66	13.84	0	None	No	0.01	NP (normality)
Total Dissolved Solids [TDS] (mg/l)	GWC-13	256	162.4	400	No	18	209.2	77.31	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	284.6	237.2	400	No	18	253.2	55.7	0	None	x^3	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	136.8	77.1	400	No	18	110.3	55.13	0	None	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	181	154	400	No	18	167.3	25.75	0	None	No	0.01	NP (normality)
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	138	76	400	No	18	118.1	38.29	0	None	No	0.01	NP (normality)
Total Dissolved Solids [TDS] (mg/l)	GWC-44	70.51	24.29	400	No	19	53.32	49.7	15.79	Kaplan-Meier	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-45	26	5	400	No	18	18.11	19.27	38.89	None	No	0.01	NP (normality)
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	186.7	147.5	400	No	18	167.1	32.33	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	247	216.7	400	No	18	231.8	25.03	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-47	136	113	400	No	18	124.5	19	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	160.2	136.6	400	No	18	144.6	29.72	0	None	x^3	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-48	38.89	16.01	400	No	18	28.5	24.26	22.22	Kaplan-Meier	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	139.3	110.3	400	No	18	124.8	23.93	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	37.22	18.6	400	No	18	28.67	17.1	22.22	Kaplan-Meier	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-5	47.48	18.8	400	No	18	36.5	29.2	16.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-6	93.44	62.3	400	No	18	79.11	28.03	0	None	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	89.72	47.95	400	No	18	68.83	34.52	5.556	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	131.9	109.5	400	No	18	120.7	18.49	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	113.2	101.7	400	No	18	107.4	9.519	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	126.8	93.34	400	No	18	110.1	27.62	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-9	74.64	26.51	400	No	18	55.39	43.99	5.556	None	sqrt(x)	0.01	Param.
Vanadium (mg/L)	GWC-10	0.01	0.0082	0.01	No	34	0.009406	0.001793	88.24	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-11	0.01	0.0029	0.01	No	34	0.009356	0.002102	91.18	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-11R	0.01	0.0056	0.01	No	33	0.0078	0.002894	57.58	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-12	0.01	0.0082	0.01	No	34	0.0089	0.002385	79.41	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-13	0.01	0.0037	0.01	No	33	0.007106	0.003534	57.58	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-13RZ	0.01	0.0064	0.01	No	31	0.008719	0.002347	70.97	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-14Z	0.01	0.0097	0.01	No	34	0.008997	0.002399	73.53	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-15R	0.01	0.01	0.01	No	34	0.009729	0.001583	97.06	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-15Z	0.012	0.005	0.01	No	33	0.0099	0.004892	45.45	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-45	0.01	0.0022	0.01	No	17	0.009541	0.001892	94.12	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-47R	0.01	0.00075	0.01	No	17	0.009456	0.002243	94.12	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-5	0.01	0.0032	0.01	No	34	0.009269	0.002408	91.18	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-6	0.01	0.007	0.01	No	34	0.008344	0.002915	73.53	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-8RR	0.01	0.0056	0.01	No	22	0.009573	0.001386	90.91	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-8Z	0.01	0.005	0.01	No	17	0.009706	0.001213	94.12	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-9	0.01	0.0065	0.01	No	34	0.00911	0.002269	85.29	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-10	0.01009	0.003597	0.13	No	34	0.01753	0.01523	38.24	Kaplan-Meier	x^(1/3)	0.01	Param.
Zinc (mg/L)	GWC-10R	0.02	0.005	0.13	No	34	0.01211	0.007762	47.06	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-11	0.02	0.0086	0.13	No	34	0.01489	0.007459	64.71	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-11R	0.02	0.0035	0.13	No	34	0.01244	0.00818	50	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-12	0.01936	0.008879	0.13	No	34	0.01744	0.01705	11.76	None	x^(1/3)	0.01	Param.
Zinc (mg/L)	GWC-13	0.01092	0.006247	0.13	No	30	0.01379	0.006393	33.33	Kaplan-Meier	No	0.01	Param.
Zinc (mg/L)	GWC-13RZ	0.02	0.0046	0.13	No	30	0.01062	0.007499	36.67	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-14Z	0.02	0.0028	0.13	No	29	0.01077	0.008058	37.93	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-15R	0.012	0.0038	0.13	No	32	0.008731	0.006946	25	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-15Z	0.02	0.0043	0.13	No	30	0.01308	0.008425	50	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-44	0.02	0.0039	0.13	No	17	0.01009	0.007601	35.29	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-45	0.02	0.004215	0.13	No	17	0.01195	0.007888	47.06	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-45R	0.02	0.0035	0.13	No	17	0.009783	0.007881	35.29	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-46R	0.02	0.0029	0.13	No	17	0.01324	0.00838	58.82	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-47	0.03663	0.02434	0.13	No	18	0.03048	0.01016	11.11	None	No	0.01	Param.
Zinc (mg/L)	GWC-47R	0.02418	0.01558	0.13	No	17	0.01988	0.00686	11.76	None	No	0.01	Param.
Zinc (mg/L)	GWC-48	0.02	0.00672	0.13	No	17	0.01252	0.006603	41.18	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-49R	0.02	0.005	0.13	No	17	0.01815	0.00522	88.24	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-49Z	0.02	0.0042	0.13	No	17	0.01295	0.007847	52.94	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-5	0.07765	0.04687	0.13	No	34	0.06663	0.03943	2.941	None	sqrt(x)	0.01	Param.
Zinc (mg/L)	GWC-6	0.02	0.0063	0.13	No	29	0.01397	0.006885	44.83	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-6RZ	0.02	0.0025	0.13	No	17	0.01223	0.008625	52.94	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-7Z	0.02	0.0053	0.13	No	12	0.01737	0.006168	83.33	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-8RR	0.02	0.0039	0.13	No	22	0.01313	0.008033	54.55	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-8Z	0.02	0.0027	0.13	No	17	0.01241	0.008415	52.94	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-9	0.008	0.004511	0.13	No	30	0.01065	0.007337	26.67	Kaplan-Meier	x^(1/3)	0.01	Param.

Appendix I Welch's t-test/Mann-Whitney - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Antimony (mg/L)	GWC-11	-4.856	Yes	Mann-W
Antimony (mg/L)	GWC-13	-4.847	Yes	Mann-W
Antimony (mg/L)	GWC-13RZ	-3.09	Yes	Mann-W
Antimony (mg/L)	GWC-7Z	-2.764	Yes	Mann-W
Arsenic (mg/L)	GWA-3A (bg)	-2.609	Yes	Mann-W
Arsenic (mg/L)	GWC-11R	-3.891	Yes	Mann-W
Arsenic (mg/L)	GWC-13	-2.724	Yes	Mann-W
Arsenic (mg/L)	GWC-13RZ	-3.392	Yes	Mann-W
Arsenic (mg/L)	GWC-6	-3.563	Yes	Mann-W
Barium (mg/L)	GWA-2R (bg)	2.824	Yes	Mann-W
Barium (mg/L)	GWA-43R (bg)	-2.724	Yes	Mann-W
Barium (mg/L)	GWA-4RZ (bg)	3.268	Yes	Mann-W
Barium (mg/L)	GWA-50R (bg)	-2.991	Yes	Mann-W
Barium (mg/L)	GWC-11R	3.285	Yes	Mann-W
Barium (mg/L)	GWC-15R	-2.994	Yes	Mann-W
Barium (mg/L)	GWC-46R	-2.582	Yes	Mann-W
Barium (mg/L)	GWC-47	-3.369	Yes	Mann-W
Barium (mg/L)	GWC-49R	3.268	Yes	Mann-W
Barium (mg/L)	GWC-49Z	-2.665	Yes	Mann-W
Barium (mg/L)	GWC-6	-3.308	Yes	Mann-W
Barium (mg/L)	GWC-6RZ	-2.617	Yes	Mann-W
Chromium (mg/L)	GWA-3A (bg)	-3.098	Yes	Mann-W
Chromium (mg/L)	GWC-11R	-2.658	Yes	Mann-W
Chromium (mg/L)	GWC-8RR	-3.534	Yes	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-3.229	Yes	Mann-W
Cobalt (mg/L)	GWA-2R (bg)	-3.311	Yes	Mann-W
Cobalt (mg/L)	GWA-4RZ (bg)	2.764	Yes	Mann-W
Cobalt (mg/L)	GWC-49Z	-2.97	Yes	Mann-W
Copper (mg/L)	GWA-3A (bg)	-3.119	Yes	Mann-W
Copper (mg/L)	GWA-50 (bg)	-3.651	Yes	Mann-W
Lead (mg/L)	GWA-2R (bg)	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-11	-2.611	Yes	Mann-W
Lead (mg/L)	GWC-11R	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-13RZ	-3.532	Yes	Mann-W
Lead (mg/L)	GWC-15R	-3.324	Yes	Mann-W
Lead (mg/L)	GWC-15Z	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-6	-3.69	Yes	Mann-W
Lead (mg/L)	GWC-9	-2.651	Yes	Mann-W
Nickel (mg/L)	GWA-2R (bg)	-2.636	Yes	Mann-W
Nickel (mg/L)	GWA-3A (bg)	-3.499	Yes	Mann-W
Nickel (mg/L)	GWA-50R (bg)	-2.776	Yes	Mann-W
Nickel (mg/L)	GWC-12	-2.723	Yes	Mann-W
Nickel (mg/L)	GWC-15R	-3.393	Yes	Mann-W
Nickel (mg/L)	GWC-45	-2.726	Yes	Mann-W
Nickel (mg/L)	GWC-5	-3.106	Yes	Mann-W
Selenium (mg/L)	GWC-14Z	-3.363	Yes	Mann-W
Zinc (mg/L)	GWA-3A (bg)	-3.324	Yes	Mann-W
Zinc (mg/L)	GWC-47	2.866	Yes	Mann-W
Zinc (mg/L)	GWC-47R	3.103	Yes	Mann-W
Zinc (mg/L)	GWC-5	-2.779	Yes	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Antimony (mg/L)	GWA-1 (bg)	-1.118	No	Mann-W
Antimony (mg/L)	GWA-2R (bg)	-0.4553	No	Mann-W
Antimony (mg/L)	GWA-39RZ (bg)	-1.249	No	Mann-W
Antimony (mg/L)	GWA-39Z (bg)	-0.3542	No	Mann-W
Antimony (mg/L)	GWA-3A (bg)	-0.6251	No	Mann-W
Antimony (mg/L)	GWA-40 (bg)	0.6155	No	Mann-W
Antimony (mg/L)	GWA-41 (bg)	-1.477	No	Mann-W
Antimony (mg/L)	GWA-41R (bg)	-0.9564	No	Mann-W
Antimony (mg/L)	GWA-42 (bg)	0.6155	No	Mann-W
Antimony (mg/L)	GWA-43 (bg)	-1.477	No	Mann-W
Antimony (mg/L)	GWA-43R (bg)	-1.352	No	Mann-W
Antimony (mg/L)	GWA-4RZ (bg)	-1.718	No	Mann-W
Antimony (mg/L)	GWA-50 (bg)	-0.8113	No	Mann-W
Antimony (mg/L)	GWA-50R (bg)	-2.162	No	Mann-W
Antimony (mg/L)	GWC-10R	0.3666	No	Mann-W
Antimony (mg/L)	GWC-11	-4.856	Yes	Mann-W
Antimony (mg/L)	GWC-11R	0.3357	No	Mann-W
Antimony (mg/L)	GWC-13	-4.847	Yes	Mann-W
Antimony (mg/L)	GWC-13RZ	-3.09	Yes	Mann-W
Antimony (mg/L)	GWC-14Z	-0.7835	No	Mann-W
Antimony (mg/L)	GWC-15R	-2.546	No	Mann-W
Antimony (mg/L)	GWC-15Z	0.1733	No	Mann-W
Antimony (mg/L)	GWC-45	-0.9607	No	Mann-W
Antimony (mg/L)	GWC-45R	0.9563	No	Mann-W
Antimony (mg/L)	GWC-46R	0.6155	No	Mann-W
Antimony (mg/L)	GWC-47	-0.628	No	Mann-W
Antimony (mg/L)	GWC-47R	-1.849	No	Mann-W
Antimony (mg/L)	GWC-48	0.9869	No	Mann-W
Antimony (mg/L)	GWC-49R	-0.3809	No	Mann-W
Antimony (mg/L)	GWC-49Z	-1.8	No	Mann-W
Antimony (mg/L)	GWC-5	-1.419	No	Mann-W
Antimony (mg/L)	GWC-6	-1.412	No	Mann-W
Antimony (mg/L)	GWC-6RZ	-0.8849	No	Mann-W
Antimony (mg/L)	GWC-7Z	-2.764	Yes	Mann-W
Antimony (mg/L)	GWC-8RR	-1.937	No	Mann-W
Antimony (mg/L)	GWC-9	0.3608	No	Mann-W
Arsenic (mg/L)	GWA-1 (bg)	-1.991	No	Mann-W
Arsenic (mg/L)	GWA-2R (bg)	-2.574	No	Mann-W
Arsenic (mg/L)	GWA-39RZ (bg)	1.042	No	Mann-W
Arsenic (mg/L)	GWA-39Z (bg)	-0.628	No	Mann-W
Arsenic (mg/L)	GWA-3A (bg)	-2.609	Yes	Mann-W
Arsenic (mg/L)	GWA-40 (bg)	-0.4486	No	Mann-W
Arsenic (mg/L)	GWA-41R (bg)	1.284	No	Mann-W
Arsenic (mg/L)	GWA-43R (bg)	0.6155	No	Mann-W
Arsenic (mg/L)	GWA-4RZ (bg)	0.405	No	Mann-W
Arsenic (mg/L)	GWC-10	0.2176	No	Mann-W
Arsenic (mg/L)	GWC-11	0.3608	No	Mann-W
Arsenic (mg/L)	GWC-11R	-3.891	Yes	Mann-W
Arsenic (mg/L)	GWC-12	-1.951	No	Mann-W
Arsenic (mg/L)	GWC-13	-2.724	Yes	Mann-W
Arsenic (mg/L)	GWC-13RZ	-3.392	Yes	Mann-W
Arsenic (mg/L)	GWC-14Z	-0.4968	No	Mann-W
Arsenic (mg/L)	GWC-15R	-0.9843	No	Mann-W
Arsenic (mg/L)	GWC-15Z	-0.6175	No	Mann-W
Arsenic (mg/L)	GWC-44	0.57	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Arsenic (mg/L)	GWC-45R	0.6155	No	Mann-W
Arsenic (mg/L)	GWC-46R	0.6155	No	Mann-W
Arsenic (mg/L)	GWC-47	0.6155	No	Mann-W
Arsenic (mg/L)	GWC-47R	-0.5218	No	Mann-W
Arsenic (mg/L)	GWC-49R	-1.477	No	Mann-W
Arsenic (mg/L)	GWC-5	0.3608	No	Mann-W
Arsenic (mg/L)	GWC-6	-3.563	Yes	Mann-W
Arsenic (mg/L)	GWC-6RZ	-1.687	No	Mann-W
Arsenic (mg/L)	GWC-7Z	-1.369	No	Mann-W
Arsenic (mg/L)	GWC-8RR	-1.599	No	Mann-W
Arsenic (mg/L)	GWC-8Z	-2.214	No	Mann-W
Arsenic (mg/L)	GWC-9	-1.828	No	Mann-W
Barium (mg/L)	GWA-1 (bg)	-1.073	No	Mann-W
Barium (mg/L)	GWA-2 (bg)	-0.3822	No	Mann-W
Barium (mg/L)	GWA-2R (bg)	2.824	Yes	Mann-W
Barium (mg/L)	GWA-39RZ (bg)	0.6812	No	Mann-W
Barium (mg/L)	GWA-39Z (bg)	-0.352	No	Mann-W
Barium (mg/L)	GWA-3A (bg)	-1.051	No	Mann-W
Barium (mg/L)	GWA-40 (bg)	-1.14	No	Mann-W
Barium (mg/L)	GWA-41 (bg)	-2.113	No	Mann-W
Barium (mg/L)	GWA-41R (bg)	1.512	No	Mann-W
Barium (mg/L)	GWA-42 (bg)	0.5552	No	Mann-W
Barium (mg/L)	GWA-43 (bg)	-2.363	No	Mann-W
Barium (mg/L)	GWA-43R (bg)	-2.724	Yes	Mann-W
Barium (mg/L)	GWA-4RZ (bg)	3.268	Yes	Mann-W
Barium (mg/L)	GWA-50 (bg)	-1.476	No	Mann-W
Barium (mg/L)	GWA-50R (bg)	-2.991	Yes	Mann-W
Barium (mg/L)	GWC-10	1.294	No	Mann-W
Barium (mg/L)	GWC-10R	1.145	No	Mann-W
Barium (mg/L)	GWC-11	-1.753	No	Mann-W
Barium (mg/L)	GWC-11R	3.285	Yes	Mann-W
Barium (mg/L)	GWC-12	-2.567	No	Mann-W
Barium (mg/L)	GWC-13	-0.1277	No	Mann-W
Barium (mg/L)	GWC-14Z	-0.3844	No	Mann-W
Barium (mg/L)	GWC-15R	-2.994	Yes	Mann-W
Barium (mg/L)	GWC-15Z	1.484	No	Mann-W
Barium (mg/L)	GWC-44	1.737	No	Mann-W
Barium (mg/L)	GWC-45	2.296	No	Mann-W
Barium (mg/L)	GWC-45R	2.019	No	Mann-W
Barium (mg/L)	GWC-46R	-2.582	Yes	Mann-W
Barium (mg/L)	GWC-47	-3.369	Yes	Mann-W
Barium (mg/L)	GWC-47R	-2.549	No	Mann-W
Barium (mg/L)	GWC-48	2.176	No	Mann-W
Barium (mg/L)	GWC-49R	3.268	Yes	Mann-W
Barium (mg/L)	GWC-49Z	-2.665	Yes	Mann-W
Barium (mg/L)	GWC-5	-0.4744	No	Mann-W
Barium (mg/L)	GWC-6	-3.308	Yes	Mann-W
Barium (mg/L)	GWC-6RZ	-2.617	Yes	Mann-W
Barium (mg/L)	GWC-7Z	-1.158	No	Mann-W
Barium (mg/L)	GWC-8RR	-2.072	No	Mann-W
Barium (mg/L)	GWC-8Z	-2.145	No	Mann-W
Barium (mg/L)	GWC-9	0.8139	No	Mann-W
Cadmium (mg/L)	GWA-1 (bg)	-0.05172	No	Mann-W
Cadmium (mg/L)	GWA-39RZ (bg)	0.5394	No	Mann-W
Cadmium (mg/L)	GWA-39Z (bg)	1.284	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Cadmium (mg/L)	GWA-42 (bg)	1.011	No	Mann-W
Cadmium (mg/L)	GWA-43 (bg)	0.6155	No	Mann-W
Cadmium (mg/L)	GWA-50 (bg)	-1.265	No	Mann-W
Cadmium (mg/L)	GWC-10R	0.3608	No	Mann-W
Cadmium (mg/L)	GWC-11R	-0.05172	No	Mann-W
Cadmium (mg/L)	GWC-12	-2.096	No	Mann-W
Cadmium (mg/L)	GWC-14Z	0.3608	No	Mann-W
Cadmium (mg/L)	GWC-15R	0.8789	No	Mann-W
Cadmium (mg/L)	GWC-44	0.6155	No	Mann-W
Cadmium (mg/L)	GWC-45R	-0.8616	No	Mann-W
Cadmium (mg/L)	GWC-47	-1.471	No	Mann-W
Cadmium (mg/L)	GWC-48	0.2207	No	Mann-W
Cadmium (mg/L)	GWC-49Z	2.326	No	Mann-W
Cadmium (mg/L)	GWC-5	0	No	Mann-W
Cadmium (mg/L)	GWC-6	0.5691	No	Mann-W
Cadmium (mg/L)	GWC-7Z	0.6155	No	Mann-W
Cadmium (mg/L)	GWC-8Z	0.8401	No	Mann-W
Chromium (mg/L)	GWA-1 (bg)	-0.5127	No	Mann-W
Chromium (mg/L)	GWA-2 (bg)	-0.8015	No	Mann-W
Chromium (mg/L)	GWA-2R (bg)	-1.059	No	Mann-W
Chromium (mg/L)	GWA-39RZ (bg)	-0.7101	No	Mann-W
Chromium (mg/L)	GWA-39Z (bg)	-1.618	No	Mann-W
Chromium (mg/L)	GWA-3A (bg)	-3.098	Yes	Mann-W
Chromium (mg/L)	GWA-40 (bg)	-0.6077	No	Mann-W
Chromium (mg/L)	GWA-41 (bg)	-0.08972	No	Mann-W
Chromium (mg/L)	GWA-41R (bg)	-0.5394	No	Mann-W
Chromium (mg/L)	GWA-42 (bg)	-1.477	No	Mann-W
Chromium (mg/L)	GWA-43 (bg)	-0.6077	No	Mann-W
Chromium (mg/L)	GWA-43R (bg)	-0.5217	No	Mann-W
Chromium (mg/L)	GWA-50 (bg)	-0.5042	No	Mann-W
Chromium (mg/L)	GWA-50R (bg)	1.733	No	Mann-W
Chromium (mg/L)	GWC-10	-2.233	No	Mann-W
Chromium (mg/L)	GWC-10R	-1.429	No	Mann-W
Chromium (mg/L)	GWC-11	-0.689	No	Mann-W
Chromium (mg/L)	GWC-11R	-2.658	Yes	Mann-W
Chromium (mg/L)	GWC-12	1.04	No	Mann-W
Chromium (mg/L)	GWC-13	-2.443	No	Mann-W
Chromium (mg/L)	GWC-13RZ	0.438	No	Mann-W
Chromium (mg/L)	GWC-14Z	-1.4	No	Mann-W
Chromium (mg/L)	GWC-15R	-2.48	No	Mann-W
Chromium (mg/L)	GWC-15Z	-2.173	No	Mann-W
Chromium (mg/L)	GWC-44	-1.477	No	Mann-W
Chromium (mg/L)	GWC-45	-1.477	No	Mann-W
Chromium (mg/L)	GWC-45R	-1.133	No	Mann-W
Chromium (mg/L)	GWC-46R	1.18	No	Mann-W
Chromium (mg/L)	GWC-47	-0.8165	No	Mann-W
Chromium (mg/L)	GWC-47R	0.5983	No	Mann-W
Chromium (mg/L)	GWC-48	-0.6113	No	Mann-W
Chromium (mg/L)	GWC-49R	0.3812	No	Mann-W
Chromium (mg/L)	GWC-49Z	-1.235	No	Mann-W
Chromium (mg/L)	GWC-5	-1.427	No	Mann-W
Chromium (mg/L)	GWC-6	-0.9579	No	Mann-W
Chromium (mg/L)	GWC-6RZ	1.061	No	Mann-W
Chromium (mg/L)	GWC-7Z	-1.477	No	Mann-W
Chromium (mg/L)	GWC-8RR	-3.534	Yes	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Chromium (mg/L)	GWC-8Z	-2.137	No	Mann-W
Chromium (mg/L)	GWC-9	-0.9522	No	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-3.229	Yes	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	-0.2996	No	Mann-W
Cobalt (mg/L)	GWA-2R (bg)	-3.311	Yes	Mann-W
Cobalt (mg/L)	GWA-39RZ (bg)	-0.09847	No	Mann-W
Cobalt (mg/L)	GWA-39Z (bg)	0.4579	No	Mann-W
Cobalt (mg/L)	GWA-3A (bg)	-0.3917	No	Mann-W
Cobalt (mg/L)	GWA-41R (bg)	1.555	No	Mann-W
Cobalt (mg/L)	GWA-42 (bg)	-0.628	No	Mann-W
Cobalt (mg/L)	GWA-43 (bg)	-1.477	No	Mann-W
Cobalt (mg/L)	GWA-4RZ (bg)	2.764	Yes	Mann-W
Cobalt (mg/L)	GWA-50R (bg)	1.241	No	Mann-W
Cobalt (mg/L)	GWC-10	-2.314	No	Mann-W
Cobalt (mg/L)	GWC-11	0.8584	No	Mann-W
Cobalt (mg/L)	GWC-11R	0.5782	No	Mann-W
Cobalt (mg/L)	GWC-12	-1.569	No	Mann-W
Cobalt (mg/L)	GWC-13	-1.124	No	Mann-W
Cobalt (mg/L)	GWC-13RZ	-0.5052	No	Mann-W
Cobalt (mg/L)	GWC-14Z	-0.2072	No	Mann-W
Cobalt (mg/L)	GWC-15R	0.5689	No	Mann-W
Cobalt (mg/L)	GWC-15Z	0.5782	No	Mann-W
Cobalt (mg/L)	GWC-44	0.7589	No	Mann-W
Cobalt (mg/L)	GWC-45	-1.17	No	Mann-W
Cobalt (mg/L)	GWC-46R	0.6155	No	Mann-W
Cobalt (mg/L)	GWC-48	0.1516	No	Mann-W
Cobalt (mg/L)	GWC-49Z	-2.97	Yes	Mann-W
Cobalt (mg/L)	GWC-5	0.758	No	Mann-W
Cobalt (mg/L)	GWC-6	0.8641	No	Mann-W
Cobalt (mg/L)	GWC-7Z	-1.159	No	Mann-W
Cobalt (mg/L)	GWC-8RR	0.7241	No	Mann-W
Cobalt (mg/L)	GWC-8Z	1.088	No	Mann-W
Cobalt (mg/L)	GWC-9	0.07903	No	Mann-W
Copper (mg/L)	GWA-1 (bg)	-0.3521	No	Mann-W
Copper (mg/L)	GWA-2 (bg)	-0.08607	No	Mann-W
Copper (mg/L)	GWA-2R (bg)	-1.544	No	Mann-W
Copper (mg/L)	GWA-39RZ (bg)	1.219	No	Mann-W
Copper (mg/L)	GWA-39Z (bg)	0.239	No	Mann-W
Copper (mg/L)	GWA-3A (bg)	-3.119	Yes	Mann-W
Copper (mg/L)	GWA-40 (bg)	-1.42	No	Mann-W
Copper (mg/L)	GWA-41 (bg)	-0.4987	No	Mann-W
Copper (mg/L)	GWA-41R (bg)	-0.8972	No	Mann-W
Copper (mg/L)	GWA-42 (bg)	-0.5657	No	Mann-W
Copper (mg/L)	GWA-43 (bg)	-1.352	No	Mann-W
Copper (mg/L)	GWA-43R (bg)	-1.852	No	Mann-W
Copper (mg/L)	GWA-4RZ (bg)	-0.3935	No	Mann-W
Copper (mg/L)	GWA-50 (bg)	-3.651	Yes	Mann-W
Copper (mg/L)	GWA-50R (bg)	-1.96	No	Mann-W
Copper (mg/L)	GWC-10	0.1632	No	Mann-W
Copper (mg/L)	GWC-10R	-0.4511	No	Mann-W
Copper (mg/L)	GWC-11	-0.6732	No	Mann-W
Copper (mg/L)	GWC-11R	-2.266	No	Mann-W
Copper (mg/L)	GWC-12	0.3414	No	Mann-W
Copper (mg/L)	GWC-13	-1.145	No	Mann-W
Copper (mg/L)	GWC-13RZ	-1.635	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Copper (mg/L)	GWC-14Z	1.22	No	Mann-W
Copper (mg/L)	GWC-15R	0.05949	No	Mann-W
Copper (mg/L)	GWC-15Z	-0.8218	No	Mann-W
Copper (mg/L)	GWC-44	-1.188	No	Mann-W
Copper (mg/L)	GWC-45	1.135	No	Mann-W
Copper (mg/L)	GWC-45R	0.6455	No	Mann-W
Copper (mg/L)	GWC-46R	0.6455	No	Mann-W
Copper (mg/L)	GWC-47	1.037	No	Mann-W
Copper (mg/L)	GWC-47R	-0.3297	No	Mann-W
Copper (mg/L)	GWC-48	-0.6412	No	Mann-W
Copper (mg/L)	GWC-49Z	-1.122	No	Mann-W
Copper (mg/L)	GWC-5	-1.16	No	Mann-W
Copper (mg/L)	GWC-6	0.02708	No	Mann-W
Copper (mg/L)	GWC-6RZ	-1.42	No	Mann-W
Copper (mg/L)	GWC-7Z	-0.3172	No	Mann-W
Copper (mg/L)	GWC-8RR	0.527	No	Mann-W
Copper (mg/L)	GWC-8Z	-0.4275	No	Mann-W
Copper (mg/L)	GWC-9	-1.14	No	Mann-W
Lead (mg/L)	GWA-1 (bg)	-1.32	No	Mann-W
Lead (mg/L)	GWA-2 (bg)	1.862	No	Mann-W
Lead (mg/L)	GWA-2R (bg)	-4.151	Yes	Mann-W
Lead (mg/L)	GWA-39RZ (bg)	-1.928	No	Mann-W
Lead (mg/L)	GWA-39Z (bg)	-0.8111	No	Mann-W
Lead (mg/L)	GWA-40 (bg)	0.2028	No	Mann-W
Lead (mg/L)	GWA-41 (bg)	-1.477	No	Mann-W
Lead (mg/L)	GWA-41R (bg)	-0.9424	No	Mann-W
Lead (mg/L)	GWA-42 (bg)	0	No	Mann-W
Lead (mg/L)	GWA-43 (bg)	-1.94	No	Mann-W
Lead (mg/L)	GWA-43R (bg)	-1.969	No	Mann-W
Lead (mg/L)	GWA-4RZ (bg)	-0.628	No	Mann-W
Lead (mg/L)	GWA-50 (bg)	-0.8113	No	Mann-W
Lead (mg/L)	GWA-50R (bg)	-0.5604	No	Mann-W
Lead (mg/L)	GWC-10	-2.382	No	Mann-W
Lead (mg/L)	GWC-10R	-2.382	No	Mann-W
Lead (mg/L)	GWC-11	-2.611	Yes	Mann-W
Lead (mg/L)	GWC-11R	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-13	-2.258	No	Mann-W
Lead (mg/L)	GWC-13RZ	-3.532	Yes	Mann-W
Lead (mg/L)	GWC-14Z	-1.345	No	Mann-W
Lead (mg/L)	GWC-15R	-3.324	Yes	Mann-W
Lead (mg/L)	GWC-15Z	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-44	0.9113	No	Mann-W
Lead (mg/L)	GWC-45	-0.3609	No	Mann-W
Lead (mg/L)	GWC-45R	0.4993	No	Mann-W
Lead (mg/L)	GWC-47	-0.6859	No	Mann-W
Lead (mg/L)	GWC-47R	-1.013	No	Mann-W
Lead (mg/L)	GWC-48	1.346	No	Mann-W
Lead (mg/L)	GWC-49Z	-2.413	No	Mann-W
Lead (mg/L)	GWC-5	-2.382	No	Mann-W
Lead (mg/L)	GWC-6	-3.69	Yes	Mann-W
Lead (mg/L)	GWC-6RZ	-0.3199	No	Mann-W
Lead (mg/L)	GWC-7Z	-0.3205	No	Mann-W
Lead (mg/L)	GWC-8RR	-2.029	No	Mann-W
Lead (mg/L)	GWC-8Z	-1.855	No	Mann-W
Lead (mg/L)	GWC-9	-2.651	Yes	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Nickel (mg/L)	GWA-1 (bg)	-1.918	No	Mann-W
Nickel (mg/L)	GWA-2 (bg)	0.09032	No	Mann-W
Nickel (mg/L)	GWA-2R (bg)	-2.636	Yes	Mann-W
Nickel (mg/L)	GWA-39RZ (bg)	-1.268	No	Mann-W
Nickel (mg/L)	GWA-39Z (bg)	-0.5612	No	Mann-W
Nickel (mg/L)	GWA-3A (bg)	-3.499	Yes	Mann-W
Nickel (mg/L)	GWA-41 (bg)	0.9348	No	Mann-W
Nickel (mg/L)	GWA-41R (bg)	-1.016	No	Mann-W
Nickel (mg/L)	GWA-42 (bg)	-1.162	No	Mann-W
Nickel (mg/L)	GWA-43 (bg)	0.614	No	Mann-W
Nickel (mg/L)	GWA-43R (bg)	0.6455	No	Mann-W
Nickel (mg/L)	GWA-4RZ (bg)	-1.369	No	Mann-W
Nickel (mg/L)	GWA-50 (bg)	-0.9591	No	Mann-W
Nickel (mg/L)	GWA-50R (bg)	-2.776	Yes	Mann-W
Nickel (mg/L)	GWC-10	-2.405	No	Mann-W
Nickel (mg/L)	GWC-10R	-2.1	No	Mann-W
Nickel (mg/L)	GWC-11	0.4527	No	Mann-W
Nickel (mg/L)	GWC-11R	0.6206	No	Mann-W
Nickel (mg/L)	GWC-12	-2.723	Yes	Mann-W
Nickel (mg/L)	GWC-13	-1.024	No	Mann-W
Nickel (mg/L)	GWC-13RZ	-0.03624	No	Mann-W
Nickel (mg/L)	GWC-14Z	-1.706	No	Mann-W
Nickel (mg/L)	GWC-15R	-3.393	Yes	Mann-W
Nickel (mg/L)	GWC-15Z	-0.7256	No	Mann-W
Nickel (mg/L)	GWC-44	0.4187	No	Mann-W
Nickel (mg/L)	GWC-45	-2.726	Yes	Mann-W
Nickel (mg/L)	GWC-45R	-1.42	No	Mann-W
Nickel (mg/L)	GWC-46R	0.6455	No	Mann-W
Nickel (mg/L)	GWC-47	0.6455	No	Mann-W
Nickel (mg/L)	GWC-47R	0.6862	No	Mann-W
Nickel (mg/L)	GWC-48	1.253	No	Mann-W
Nickel (mg/L)	GWC-49R	-1.42	No	Mann-W
Nickel (mg/L)	GWC-49Z	-2.225	No	Mann-W
Nickel (mg/L)	GWC-5	-3.106	Yes	Mann-W
Nickel (mg/L)	GWC-6	0.2928	No	Mann-W
Nickel (mg/L)	GWC-7Z	-1.405	No	Mann-W
Nickel (mg/L)	GWC-8RR	0.8401	No	Mann-W
Nickel (mg/L)	GWC-8Z	0.6601	No	Mann-W
Nickel (mg/L)	GWC-9	-2.355	No	Mann-W
Selenium (mg/L)	GWA-2 (bg)	-1.465	No	Mann-W
Selenium (mg/L)	GWA-2R (bg)	-2.382	No	Mann-W
Selenium (mg/L)	GWA-43 (bg)	0.6155	No	Mann-W
Selenium (mg/L)	GWC-13	-2.11	No	Mann-W
Selenium (mg/L)	GWC-13RZ	0.8643	No	Mann-W
Selenium (mg/L)	GWC-14Z	-3.363	Yes	Mann-W
Selenium (mg/L)	GWC-15R	0.3608	No	Mann-W
Selenium (mg/L)	GWC-44	0.2084	No	Mann-W
Selenium (mg/L)	GWC-46R	0.6155	No	Mann-W
Selenium (mg/L)	GWC-48	0.6155	No	Mann-W
Selenium (mg/L)	GWC-5	-1.796	No	Mann-W
Selenium (mg/L)	GWC-6RZ	-1.687	No	Mann-W
Selenium (mg/L)	GWC-8Z	1.476	No	Mann-W
Selenium (mg/L)	GWC-9	0.3608	No	Mann-W
Silver (mg/L)	GWA-39RZ (bg)	0.6761	No	Mann-W
Silver (mg/L)	GWA-50 (bg)	-2.564	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Silver (mg/L)	GWA-50R (bg)	-1.567	No	Mann-W
Silver (mg/L)	GWC-12	0.3928	No	Mann-W
Silver (mg/L)	GWC-13RZ	0.4003	No	Mann-W
Vanadium (mg/L)	GWA-1 (bg)	0.7954	No	Mann-W
Vanadium (mg/L)	GWA-2 (bg)	1.108	No	Mann-W
Vanadium (mg/L)	GWA-2R (bg)	-1.608	No	Mann-W
Vanadium (mg/L)	GWA-39RZ (bg)	0.6761	No	Mann-W
Vanadium (mg/L)	GWA-3A (bg)	0.5565	No	Mann-W
Vanadium (mg/L)	GWA-43 (bg)	0.6455	No	Mann-W
Vanadium (mg/L)	GWA-43R (bg)	-0.5657	No	Mann-W
Vanadium (mg/L)	GWA-4RZ (bg)	-1.021	No	Mann-W
Vanadium (mg/L)	GWA-50R (bg)	1.551	No	Mann-W
Vanadium (mg/L)	GWC-10	0.9466	No	Mann-W
Vanadium (mg/L)	GWC-11	0.7956	No	Mann-W
Vanadium (mg/L)	GWC-11R	2.209	No	Mann-W
Vanadium (mg/L)	GWC-12	1.338	No	Mann-W
Vanadium (mg/L)	GWC-13	0.07988	No	Mann-W
Vanadium (mg/L)	GWC-13RZ	1.311	No	Mann-W
Vanadium (mg/L)	GWC-14Z	1.22	No	Mann-W
Vanadium (mg/L)	GWC-15R	-2.2	No	Mann-W
Vanadium (mg/L)	GWC-15Z	-1.262	No	Mann-W
Vanadium (mg/L)	GWC-45	0.6455	No	Mann-W
Vanadium (mg/L)	GWC-47R	-1.42	No	Mann-W
Vanadium (mg/L)	GWC-5	0.7954	No	Mann-W
Vanadium (mg/L)	GWC-6	1.577	No	Mann-W
Vanadium (mg/L)	GWC-8RR	0.8401	No	Mann-W
Vanadium (mg/L)	GWC-8Z	0.6455	No	Mann-W
Vanadium (mg/L)	GWC-9	1.085	No	Mann-W
Zinc (mg/L)	GWA-1 (bg)	0.6871	No	Mann-W
Zinc (mg/L)	GWA-2 (bg)	0.2422	No	Mann-W
Zinc (mg/L)	GWA-2R (bg)	0.6967	No	Mann-W
Zinc (mg/L)	GWA-39RZ (bg)	0.1811	No	Mann-W
Zinc (mg/L)	GWA-39Z (bg)	-0.8689	No	Mann-W
Zinc (mg/L)	GWA-3A (bg)	-3.324	Yes	Mann-W
Zinc (mg/L)	GWA-40 (bg)	-1.034	No	Mann-W
Zinc (mg/L)	GWA-41 (bg)	-1.116	No	Mann-W
Zinc (mg/L)	GWA-41R (bg)	-1.253	No	Mann-W
Zinc (mg/L)	GWA-42 (bg)	-0.8257	No	Mann-W
Zinc (mg/L)	GWA-43 (bg)	-0.2317	No	Mann-W
Zinc (mg/L)	GWA-43R (bg)	-0.2899	No	Mann-W
Zinc (mg/L)	GWA-4RZ (bg)	-2.042	No	Mann-W
Zinc (mg/L)	GWA-50 (bg)	1.461	No	Mann-W
Zinc (mg/L)	GWA-50R (bg)	0.9657	No	Mann-W
Zinc (mg/L)	GWC-10	-0.0957	No	Mann-W
Zinc (mg/L)	GWC-10R	0.7603	No	Mann-W
Zinc (mg/L)	GWC-11	0.1896	No	Mann-W
Zinc (mg/L)	GWC-11R	0.6943	No	Mann-W
Zinc (mg/L)	GWC-12	0.584	No	Mann-W
Zinc (mg/L)	GWC-13	0.7387	No	Mann-W
Zinc (mg/L)	GWC-13RZ	1.264	No	Mann-W
Zinc (mg/L)	GWC-14Z	1.547	No	Mann-W
Zinc (mg/L)	GWC-15R	0.4274	No	Mann-W
Zinc (mg/L)	GWC-15Z	0.6002	No	Mann-W
Zinc (mg/L)	GWC-44	-0.05513	No	Mann-W
Zinc (mg/L)	GWC-45	1.247	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Zinc (mg/L)	GWC-45R	0.4954	No	Mann-W
Zinc (mg/L)	GWC-46R	0.7178	No	Mann-W
Zinc (mg/L)	GWC-47	2.866	Yes	Mann-W
Zinc (mg/L)	GWC-47R	3.103	Yes	Mann-W
Zinc (mg/L)	GWC-48	-0.3341	No	Mann-W
Zinc (mg/L)	GWC-49R	-1.98	No	Mann-W
Zinc (mg/L)	GWC-49Z	-0.8689	No	Mann-W
Zinc (mg/L)	GWC-5	-2.779	Yes	Mann-W
Zinc (mg/L)	GWC-6	0	No	Mann-W
Zinc (mg/L)	GWC-6RZ	1.216	No	Mann-W
Zinc (mg/L)	GWC-7Z	-1.489	No	Mann-W
Zinc (mg/L)	GWC-8RR	0.5466	No	Mann-W
Zinc (mg/L)	GWC-8Z	0.4634	No	Mann-W
Zinc (mg/L)	GWC-9	0.4609	No	Mann-W

Appendix III Welch's t-test/Mann-Whitney - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Boron, total (mg/L)	GWA-2R (bg)	-2.791	Yes	Mann-W
Calcium, total (mg/L)	GWC-49Z	-2.661	Yes	Mann-W
Fluoride, total (mg/L)	GWA-3A (bg)	-3.157	Yes	Mann-W
Sulfate, total (mg/L)	GWA-1 (bg)	-2.724	Yes	Mann-W
Sulfate, total (mg/L)	GWA-39Z (bg)	-3.001	Yes	Mann-W
Sulfate, total (mg/L)	GWC-10R	-3.015	Yes	Mann-W
Sulfate, total (mg/L)	GWC-11	-3.019	Yes	Mann-W
Sulfate, total (mg/L)	GWC-11R	-3.01	Yes	Mann-W
Sulfate, total (mg/L)	GWC-14Z	2.609	Yes	Mann-W
Sulfate, total (mg/L)	GWC-15Z	-3.002	Yes	Mann-W
Sulfate, total (mg/L)	GWC-49Z	-2.812	Yes	Mann-W
Sulfate, total (mg/L)	GWC-5	-2.97	Yes	Mann-W
Sulfate, total (mg/L)	GWC-8Z	-2.891	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-13	-2.662	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	-2.774	Yes	Mann-W

Appendix III Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Boron, total (mg/L)	GWA-1 (bg)	0.07607	No	Mann-W
Boron, total (mg/L)	GWA-2 (bg)	-2.128	No	Mann-W
Boron, total (mg/L)	GWA-2R (bg)	-2.791	Yes	Mann-W
Boron, total (mg/L)	GWA-39RZ (bg)	0.8555	No	Mann-W
Boron, total (mg/L)	GWA-39Z (bg)	-0.3405	No	Mann-W
Boron, total (mg/L)	GWA-3A (bg)	-1.169	No	Mann-W
Boron, total (mg/L)	GWA-40 (bg)	-0.6809	No	Mann-W
Boron, total (mg/L)	GWA-41 (bg)	-1.054	No	Mann-W
Boron, total (mg/L)	GWA-41R (bg)	-1.82	No	Mann-W
Boron, total (mg/L)	GWA-42 (bg)	-0.6809	No	Mann-W
Boron, total (mg/L)	GWA-43 (bg)	0.416	No	Mann-W
Boron, total (mg/L)	GWA-43R (bg)	-2.571	No	Mann-W
Boron, total (mg/L)	GWA-4RZ (bg)	1.644	No	Mann-W
Boron, total (mg/L)	GWA-50 (bg)	-1.112	No	Mann-W
Boron, total (mg/L)	GWA-50R (bg)	-1.112	No	Mann-W
Boron, total (mg/L)	GWC-10	0.416	No	Mann-W
Boron, total (mg/L)	GWC-10R	-0.6809	No	Mann-W
Boron, total (mg/L)	GWC-11	0.416	No	Mann-W
Boron, total (mg/L)	GWC-11R	-0.3803	No	Mann-W
Boron, total (mg/L)	GWC-13	-1.481	No	Mann-W
Boron, total (mg/L)	GWC-13RZ	-0.797	No	Mann-W
Boron, total (mg/L)	GWC-14Z	-0.2668	No	Mann-W
Boron, total (mg/L)	GWC-15R	-0.5705	No	Mann-W
Boron, total (mg/L)	GWC-15Z	0	No	Mann-W
Boron, total (mg/L)	GWC-44	-0.8805	No	Mann-W
Boron, total (mg/L)	GWC-45	0.7075	No	Mann-W
Boron, total (mg/L)	GWC-45R	-1.724	No	Mann-W
Boron, total (mg/L)	GWC-46R	1.141	No	Mann-W
Boron, total (mg/L)	GWC-47	0.7075	No	Mann-W
Boron, total (mg/L)	GWC-47R	-0.6809	No	Mann-W
Boron, total (mg/L)	GWC-48	0.416	No	Mann-W
Boron, total (mg/L)	GWC-49R	-1.958	No	Mann-W
Boron, total (mg/L)	GWC-49Z	-0.7287	No	Mann-W
Boron, total (mg/L)	GWC-5	0.9363	No	Mann-W
Boron, total (mg/L)	GWC-6	-1.941	No	Mann-W
Boron, total (mg/L)	GWC-6RZ	-0.5107	No	Mann-W
Boron, total (mg/L)	GWC-7Z	-0.6743	No	Mann-W
Boron, total (mg/L)	GWC-8RR	0.7075	No	Mann-W
Boron, total (mg/L)	GWC-8Z	0.416	No	Mann-W
Boron, total (mg/L)	GWC-9	-0.6809	No	Mann-W
Calcium, total (mg/L)	GWA-1 (bg)	1.699	No	Mann-W
Calcium, total (mg/L)	GWA-2 (bg)	1.642	No	Mann-W
Calcium, total (mg/L)	GWA-2R (bg)	1.302	No	Mann-W
Calcium, total (mg/L)	GWA-39RZ (bg)	0.8503	No	Mann-W
Calcium, total (mg/L)	GWA-39Z (bg)	-1.752	No	Mann-W
Calcium, total (mg/L)	GWA-3A (bg)	1.212	No	Mann-W
Calcium, total (mg/L)	GWA-40 (bg)	-0.3965	No	Mann-W
Calcium, total (mg/L)	GWA-41 (bg)	0.6228	No	Mann-W
Calcium, total (mg/L)	GWA-41R (bg)	-0.5098	No	Mann-W
Calcium, total (mg/L)	GWA-42 (bg)	2.267	No	Mann-W
Calcium, total (mg/L)	GWA-43 (bg)	-1.529	No	Mann-W
Calcium, total (mg/L)	GWA-43R (bg)	1.969	No	Mann-W
Calcium, total (mg/L)	GWA-4RZ (bg)	2.097	No	Mann-W
Calcium, total (mg/L)	GWA-50 (bg)	-2.549	No	Mann-W
Calcium, total (mg/L)	GWA-50R (bg)	-2.095	No	Mann-W

Appendix III Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Calcium, total (mg/L)	GWC-10	-1.303	No	Mann-W
Calcium, total (mg/L)	GWC-10R	1.19	No	Mann-W
Calcium, total (mg/L)	GWC-11	-1.133	No	Mann-W
Calcium, total (mg/L)	GWC-11R	1.983	No	Mann-W
Calcium, total (mg/L)	GWC-12	0	No	Mann-W
Calcium, total (mg/L)	GWC-13	-2.321	No	Mann-W
Calcium, total (mg/L)	GWC-13RZ	0.1701	No	Mann-W
Calcium, total (mg/L)	GWC-14Z	-2.434	No	Mann-W
Calcium, total (mg/L)	GWC-15R	2.366	No	Mann-W
Calcium, total (mg/L)	GWC-15Z	0.6228	No	Mann-W
Calcium, total (mg/L)	GWC-44	2.209	No	Mann-W
Calcium, total (mg/L)	GWC-45	1.981	No	Mann-W
Calcium, total (mg/L)	GWC-45R	2.321	No	Mann-W
Calcium, total (mg/L)	GWC-46R	0.05668	No	Mann-W
Calcium, total (mg/L)	GWC-47	-1.872	No	Mann-W
Calcium, total (mg/L)	GWC-47R	0.9064	No	Mann-W
Calcium, total (mg/L)	GWC-48	1.586	No	Mann-W
Calcium, total (mg/L)	GWC-49R	0.7936	No	Mann-W
Calcium, total (mg/L)	GWC-49Z	-2.661	Yes	Mann-W
Calcium, total (mg/L)	GWC-5	0	No	Mann-W
Calcium, total (mg/L)	GWC-6	1.64	No	Mann-W
Calcium, total (mg/L)	GWC-6RZ	-2.186	No	Mann-W
Calcium, total (mg/L)	GWC-7Z	1.814	No	Mann-W
Calcium, total (mg/L)	GWC-8RR	0.3403	No	Mann-W
Calcium, total (mg/L)	GWC-8Z	-2.497	No	Mann-W
Calcium, total (mg/L)	GWC-9	-0.8497	No	Mann-W
Fluoride, total (mg/L)	GWA-1 (bg)	0.4012	No	Mann-W
Fluoride, total (mg/L)	GWA-2 (bg)	0.735	No	Mann-W
Fluoride, total (mg/L)	GWA-2R (bg)	0.9564	No	Mann-W
Fluoride, total (mg/L)	GWA-39RZ (bg)	1.779	No	Mann-W
Fluoride, total (mg/L)	GWA-39Z (bg)	0.8811	No	Mann-W
Fluoride, total (mg/L)	GWA-3A (bg)	-3.157	Yes	Mann-W
Fluoride, total (mg/L)	GWA-40 (bg)	0.7727	No	Mann-W
Fluoride, total (mg/L)	GWA-41 (bg)	1.335	No	Mann-W
Fluoride, total (mg/L)	GWA-41R (bg)	0.7727	No	Mann-W
Fluoride, total (mg/L)	GWA-42 (bg)	1.713	No	Mann-W
Fluoride, total (mg/L)	GWA-43 (bg)	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWA-43R (bg)	1.336	No	Mann-W
Fluoride, total (mg/L)	GWA-4RZ (bg)	-2.104	No	Mann-W
Fluoride, total (mg/L)	GWA-50 (bg)	1.141	No	Mann-W
Fluoride, total (mg/L)	GWA-50R (bg)	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-10	1.524	No	Mann-W
Fluoride, total (mg/L)	GWC-10R	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-11	1.524	No	Mann-W
Fluoride, total (mg/L)	GWC-11R	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-12	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-13	0.9937	No	Mann-W
Fluoride, total (mg/L)	GWC-13RZ	-2.043	No	Mann-W
Fluoride, total (mg/L)	GWC-14Z	1.602	No	Mann-W
Fluoride, total (mg/L)	GWC-15R	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-15Z	1.525	No	Mann-W
Fluoride, total (mg/L)	GWC-44	0.6449	No	Mann-W
Fluoride, total (mg/L)	GWC-45	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWC-45R	0.9937	No	Mann-W
Fluoride, total (mg/L)	GWC-46R	1.141	No	Mann-W

Appendix III Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

Constituent	Well	Calc.	0.01	Method
Fluoride, total (mg/L)	GWC-47	1.825	No	Mann-W
Fluoride, total (mg/L)	GWC-47R	0.9937	No	Mann-W
Fluoride, total (mg/L)	GWC-48	1.525	No	Mann-W
Fluoride, total (mg/L)	GWC-49R	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWC-49Z	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWC-5	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-6	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-6RZ	1.336	No	Mann-W
Fluoride, total (mg/L)	GWC-7Z	0.9937	No	Mann-W
Fluoride, total (mg/L)	GWC-8RR	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWC-8Z	1.902	No	Mann-W
Fluoride, total (mg/L)	GWC-9	0.9363	No	Mann-W
Sulfate, total (mg/L)	GWA-1 (bg)	-2.724	Yes	Mann-W
Sulfate, total (mg/L)	GWA-2 (bg)	1.302	No	Mann-W
Sulfate, total (mg/L)	GWA-2R (bg)	0.2831	No	Mann-W
Sulfate, total (mg/L)	GWA-39RZ (bg)	-1.983	No	Mann-W
Sulfate, total (mg/L)	GWA-39Z (bg)	-3.001	Yes	Mann-W
Sulfate, total (mg/L)	GWA-3A (bg)	1.349	No	Mann-W
Sulfate, total (mg/L)	GWA-40 (bg)	-0.4255	No	Mann-W
Sulfate, total (mg/L)	GWA-41 (bg)	0.7369	No	Mann-W
Sulfate, total (mg/L)	GWA-41R (bg)	1.133	No	Mann-W
Sulfate, total (mg/L)	GWA-42 (bg)	-1.023	No	Mann-W
Sulfate, total (mg/L)	GWA-43 (bg)	-0.9745	No	Mann-W
Sulfate, total (mg/L)	GWA-43R (bg)	-2.209	No	Mann-W
Sulfate, total (mg/L)	GWA-4RZ (bg)	0.1597	No	Mann-W
Sulfate, total (mg/L)	GWA-50 (bg)	-2.353	No	Mann-W
Sulfate, total (mg/L)	GWA-50R (bg)	-2.325	No	Mann-W
Sulfate, total (mg/L)	GWC-10	-1.022	No	Mann-W
Sulfate, total (mg/L)	GWC-10R	-3.015	Yes	Mann-W
Sulfate, total (mg/L)	GWC-11	-3.019	Yes	Mann-W
Sulfate, total (mg/L)	GWC-11R	-3.01	Yes	Mann-W
Sulfate, total (mg/L)	GWC-12	1.825	No	Mann-W
Sulfate, total (mg/L)	GWC-13	-2.554	No	Mann-W
Sulfate, total (mg/L)	GWC-13RZ	1.189	No	Mann-W
Sulfate, total (mg/L)	GWC-14Z	2.609	Yes	Mann-W
Sulfate, total (mg/L)	GWC-15R	-0.2269	No	Mann-W
Sulfate, total (mg/L)	GWC-15Z	-3.002	Yes	Mann-W
Sulfate, total (mg/L)	GWC-44	2.096	No	Mann-W
Sulfate, total (mg/L)	GWC-45	-2.167	No	Mann-W
Sulfate, total (mg/L)	GWC-45R	1.991	No	Mann-W
Sulfate, total (mg/L)	GWC-46R	-0.9636	No	Mann-W
Sulfate, total (mg/L)	GWC-47	0.803	No	Mann-W
Sulfate, total (mg/L)	GWC-47R	0.9636	No	Mann-W
Sulfate, total (mg/L)	GWC-48	1.392	No	Mann-W
Sulfate, total (mg/L)	GWC-49R	-2.077	No	Mann-W
Sulfate, total (mg/L)	GWC-49Z	-2.812	Yes	Mann-W
Sulfate, total (mg/L)	GWC-5	-2.97	Yes	Mann-W
Sulfate, total (mg/L)	GWC-6	-1.652	No	Mann-W
Sulfate, total (mg/L)	GWC-6RZ	-2.099	No	Mann-W
Sulfate, total (mg/L)	GWC-7Z	1.986	No	Mann-W
Sulfate, total (mg/L)	GWC-8RR	-1.189	No	Mann-W
Sulfate, total (mg/L)	GWC-8Z	-2.891	Yes	Mann-W
Sulfate, total (mg/L)	GWC-9	-0.6231	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-1 (bg)	0.8518	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-2 (bg)	0.8492	No	Mann-W

Appendix III Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Total Dissolved Solids [TDS] (mg/l)	GWA-2R (bg)	0.1698	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ (bg)	-1.246	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z (bg)	-0.9716	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-3A (bg)	1.912	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-40 (bg)	-1.19	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-41 (bg)	0.1699	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-41R (bg)	0.1699	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-42 (bg)	-0.5098	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-43 (bg)	-0.6258	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-43R (bg)	-0.397	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ (bg)	-0.7364	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-50 (bg)	-0.8035	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-50R (bg)	-1.368	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-10	-2.042	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-11	-1.191	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	1.02	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-12	-1.477	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-13	-2.662	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	-1.19	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	-2.208	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	0.6798	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	-1.303	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-44	1.65	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-45	1.409	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	0.9075	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	-0.3407	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-47	-0.6231	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	-2.321	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-48	2.336	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	-0.6228	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	-0.114	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-5	-1.932	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-6	-2.327	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	-1.756	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	-0.2267	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-9	-1.642	No	Mann-W

Appendix I Trend Tests - Upgradient Wells - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (mg/L)	GWA-1 (bg)	0	18	87	No	21	95.24	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-2 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-2R (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-39RZ (bg)	0	14	63	No	17	94.12	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-39Z (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-3A (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-40 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-41 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-41R (bg)	0	-5	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-42 (bg)	0	15	58	No	16	0	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-43 (bg)	0	-11	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-43R (bg)	0	-1	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-4RZ (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-50 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-50R (bg)	0	-19	-87	No	21	85.71	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-1 (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-2 (bg)	0	28	214	No	39	97.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-2R (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-39RZ (bg)	0	-4	-63	No	17	94.12	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-39Z (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-3A (bg)	0	0	206	No	38	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-40 (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-41 (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-41R (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-42 (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-43 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-43R (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-4RZ (bg)	0	-13	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-50 (bg)	0	6	167	No	33	96.97	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-50R (bg)	0	0	167	No	33	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-1 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-2 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-2R (bg)	0	9	81	No	20	90	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-39RZ (bg)	0	14	63	No	17	94.12	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-39Z (bg)	0	7	68	No	18	88.89	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-3A (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-40 (bg)	0	-9	-68	No	18	94.44	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-41 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-41R (bg)	0	-7	-68	No	18	88.89	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-42 (bg)	0	3	68	No	18	88.89	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-43 (bg)	0	-1	-68	No	18	88.89	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-43R (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-4RZ (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-50 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-50R (bg)	0	-10	-74	No	19	94.74	n/a	n/a	0.01	NP

Appendix III Trend Tests - Upgradient Wells - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 1:35 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride, Total (mg/L)	GWA-1 (bg)	-0.08193	-75	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39Z (bg)	-0.1437	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41 (bg)	-0.119	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41R (bg)	-0.3475	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.09648	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.1032	-74	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.176	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.08111	-80	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1458	-75	-68	Yes	18	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - Upgradient Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 1:35 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride, Total (mg/L)	GWA-1 (bg)	-0.08193	-75	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2 (bg)	-0.1179	-54	-68	No	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2R (bg)	-0.0357	-26	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39RZ (bg)	-0.1921	-58	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39Z (bg)	-0.1437	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3A (bg)	-0.002061	-26	-63	No	17	5.882	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-40 (bg)	-0.05753	-35	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41 (bg)	-0.119	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41R (bg)	-0.3475	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-42 (bg)	-0.04101	-15	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-43 (bg)	0	-17	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-43R (bg)	-0.2391	-44	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-4RZ (bg)	0	1	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-50 (bg)	-0.04419	-66	-68	No	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-50R (bg)	-0.04049	-67	-68	No	18	11.11	n/a	n/a	0.01	NP
pH (pH_units)	GWA-1 (bg)	-0.02308	-60	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2 (bg)	-0.04714	-35	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.09648	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-39RZ (bg)	-0.04592	-44	-81	No	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-39Z (bg)	-0.03337	-13	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-3A (bg)	-0.0591	-28	-63	No	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-40 (bg)	-0.06319	-65	-81	No	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41 (bg)	-0.02321	-20	-63	No	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.1032	-74	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-42 (bg)	-0.0169	-33	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.176	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43R (bg)	-0.008321	-22	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-4RZ (bg)	-0.02545	-35	-105	No	24	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.08111	-80	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1458	-75	-68	Yes	18	0	n/a	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWA-4RZ	0.05645	n/a	2/3/2022	0.063	Yes	17	0.03282	0.00796	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-45	0.006787	n/a	2/1/2022	0.0072	Yes	16	0.005919	0.000288	0	None	No	0.0001266 Param Intra 1 of 2
Cadmium (mg/L)	GWC-12	0.001	n/a	2/2/2022	0.0012	Yes	38	n/a	n/a	57.89	n/a	n/a	0.001294 NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.01	n/a	2/1/2022	0.0028J	No	37	n/a	n/a	43.24	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-2R	0.011	n/a	2/1/2022	0.0029J	No	37	n/a	n/a	45.95	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-39RZ	0.009814	n/a	2/2/2022	0.003ND	No	15	0.00252	0.002352	20	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWA-39Z	0.004283	n/a	1/31/2022	0.003ND	No	17	0.001309	0.001002	23.53	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWA-3A	0.0068	n/a	2/2/2022	0.003ND	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-40	0.003	n/a	1/31/2022	0.0014J	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-41	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-41R	0.0037	n/a	1/31/2022	0.0011J	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-42	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43R	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4RZ	0.003	n/a	2/3/2022	0.003ND	No	17	n/a	n/a	41.18	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-50	0.003	n/a	2/1/2022	0.0015J	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50R	0.003	n/a	2/2/2022	0.003ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10R	0.003	n/a	2/4/2022	0.0016J	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11R	0.012	n/a	2/4/2022	0.003ND	No	39	n/a	n/a	69.23	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.003	n/a	2/17/2022	0.003ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13RZ	0.00447	n/a	2/4/2022	0.003ND	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-14Z	0.005	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-15R	0.0106	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	50	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWC-15Z	0.0053	n/a	2/7/2022	0.003ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-45	0.006586	n/a	2/1/2022	0.002J	No	17	0.03948	0.01404	23.53	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-45R	0.004265	n/a	2/1/2022	0.003ND	No	17	0.001357	0.0009798	47.06	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-46R	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-47	0.003	n/a	2/1/2022	0.003ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-47R	0.002535	n/a	2/1/2022	0.0024J	No	17	-7.189	0.4083	35.29	Kaplan-Meier	ln(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-48	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-49R	0.0033	n/a	2/1/2022	0.003ND	No	17	n/a	n/a	52.94	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-49Z	0.003623	n/a	2/1/2022	0.00097J	No	17	-6.797	0.3965	35.29	Kaplan-Meier	ln(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/2/2022	0.003ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.0035	n/a	2/2/2022	0.003ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6RZ	0.003	n/a	2/2/2022	0.003ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7Z	0.003	n/a	2/2/2022	0.00093J	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8RR	0.003	n/a	2/2/2022	0.0015J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/2/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	2/1/2022	0.0019J	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2R	0.0056	n/a	2/1/2022	0.0053	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39RZ	0.005	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39Z	0.005	n/a	1/31/2022	0.0021J	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3A	0.005	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-40	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.0013J	No	17	n/a	n/a	100	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4RZ	0.005571	n/a	2/3/2022	0.0034J	No	17	-6.903	0.5772	23.53	Kaplan-Meier	ln(x)	0.0001266	Param Intra 1 of 2
Arsenic (mg/L)	GWC-10	0.0079	n/a	2/4/2022	0.0023J	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-10R	0.005	n/a	2/4/2022	0.0019J	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.005	n/a	2/4/2022	0.0023J	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11R	0.0077	n/a	2/4/2022	0.0035J	No	38	n/a	n/a	42.11	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-12	0.012	n/a	2/2/2022	0.0027J	No	37	n/a	n/a	24.32	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-13	0.0096	n/a	2/17/2022	0.005ND	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-13RZ	0.0066	n/a	2/4/2022	0.0035J	No	36	n/a	n/a	58.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-14Z	0.0079	n/a	2/4/2022	0.0019J	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Arsenic (mg/L)	GWC-15R	0.005	n/a	2/4/2022	0.0026J	No	38	n/a	n/a	92.11	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-15Z	0.0077	n/a	2/7/2022	0.0025J	No	38	n/a	n/a	76.32	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-44	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-45R	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-47	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-47R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-49R	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.005	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-6RZ	0.005	n/a	2/2/2022	0.0012J	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7Z	0.004641	n/a	2/2/2022	0.002J	No	17	0.001929	0.0009137	23.53	Kaplan-Meier	No	0.0001266 Param Intra 1 of 2
Arsenic (mg/L)	GWC-8RR	0.005	n/a	2/2/2022	0.0013J	No	26	n/a	n/a	84.62	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-8Z	0.005	n/a	2/2/2022	0.0011J	No	21	n/a	n/a	80.95	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.0086	n/a	2/2/2022	0.0013J	No	37	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04502	n/a	2/1/2022	0.015	No	37	-3.909	0.3174	0	None	ln(x)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-2	0.05141	n/a	2/1/2022	0.026	No	36	0.0209	0.01195	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-2R	0.03451	n/a	2/1/2022	0.024	No	36	0.2237	0.03988	0	None	x^(1/3)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-39RZ	0.02768	n/a	2/2/2022	0.013	No	16	0.1268	0.01313	0	None	sqrt(x)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-39Z	0.03807	n/a	1/31/2022	0.013	No	17	0.01303	0.008435	11.76	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-3A	0.009084	n/a	2/2/2022	0.0064	No	28	0.005744	0.001261	3.571	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-40	0.01275	n/a	1/31/2022	0.0081	No	16	0.008658	0.001359	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-41	0.03723	n/a	1/31/2022	0.022	No	17	0.02557	0.003928	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-41R	0.05668	n/a	1/31/2022	0.031	No	17	0.02492	0.0107	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-42	0.007092	n/a	1/31/2022	0.0063	No	17	0.006289	0.0002707	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-43	0.04685	n/a	1/31/2022	0.014	No	17	0.02083	0.008765	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-43R	0.009608	n/a	1/31/2022	0.0076	No	17	0.007821	0.0006022	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-4RZ	0.05645	n/a	2/3/2022	0.063	Yes	17	0.03282	0.00796	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-50	0.01772	n/a	2/1/2022	0.0065	No	31	0.00959	0.00312	3.226	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWA-50R	0.02271	n/a	2/2/2022	0.009	No	29	0.01407	0.00328	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.03628	n/a	2/4/2022	0.022	No	35	0.1368	0.02096	0	None	sqrt(x)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-10R	0.0369	n/a	2/4/2022	0.028	No	38	0.02421	0.005	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.036	n/a	2/4/2022	0.01	No	37	n/a	n/a	2.703	n/a	n/a	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-11R	0.02549	n/a	2/4/2022	0.021	No	38	0.01365	0.004665	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.07	n/a	2/2/2022	0.023	No	34	n/a	n/a	0	n/a	n/a	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-13	0.05665	n/a	2/17/2022	0.02	No	36	0.02799	0.01122	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-14Z	0.05513	n/a	2/4/2022	0.014	No	34	0.134	0.03917	5.882	None	sqrt(x)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-15R	0.0322	n/a	2/4/2022	0.017	No	37	0.02379	0.003303	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-15Z	0.024	n/a	2/7/2022	0.012	No	37	0.01104	0.005088	2.703	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-44	0.1003	n/a	1/31/2022	0.047	No	16	0.0405	0.01984	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-45	0.006787	n/a	2/1/2022	0.0072	Yes	16	0.005919	0.000288	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-45R	0.02752	n/a	2/1/2022	0.026	No	17	0.02092	0.002221	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-46R	0.02323	n/a	1/31/2022	0.011	No	17	-4.239	0.1605	0	None	ln(x)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-47	0.02056	n/a	2/1/2022	0.0081	No	17	0.01184	0.002938	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-47R	0.01974	n/a	2/1/2022	0.0077	No	16	0.01024	0.003151	6.25	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-48	0.04387	n/a	1/31/2022	0.038	No	18	0.0008705	0.0003606	5.556	None	x^2	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-49R	0.03583	n/a	2/1/2022	0.011	No	17	-4.444	0.3757	5.882	None	ln(x)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-49Z	0.0178	n/a	2/1/2022	0.003J	No	17	0.1729	0.02972	5.882	None	x^(1/3)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.02799	n/a	2/2/2022	0.012	No	37	0.01756	0.004096	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.03106	n/a	2/2/2022	0.0064	No	35	0.2266	0.03425	2.857	None	x^(1/3)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-6RZ	0.01822	n/a	2/2/2022	0.0066	No	21	0.008797	0.00336	4.762	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-7Z	0.04219	n/a	2/2/2022	0.015	No	17	0.02581	0.00552	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-8RR	0.024	n/a	2/2/2022	0.013	No	26	n/a	n/a	0	n/a	n/a	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-8Z	0.06382	n/a	2/2/2022	0.024	No	21	-3.57	0.2917	0	None	ln(x)	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.05337	n/a	2/2/2022	0.044	No	34	0.03874	0.005686	0	None	No	0.0001266 Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWA-1	0.00051	n/a	2/1/2022	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39RZ	0.0005	n/a	2/2/2022	0.0005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39Z	0.0005	n/a	1/31/2022	0.0005ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-42	0.001	n/a	1/31/2022	0.00018J	No	17	n/a	n/a	11.76	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cadmium (mg/L)	GWA-43	0.0005	n/a	1/31/2022	0.0005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-50	0.0005	n/a	2/1/2022	0.0005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10R	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11R	0.00056	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-12	0.001	n/a	2/2/2022	0.0012	Yes	38	n/a	n/a	57.89	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-14Z	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-15R	0.0005	n/a	2/4/2022	0.0005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-44	0.0005	n/a	1/31/2022	0.0005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-45R	0.008407	n/a	2/1/2022	0.0005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-47	0.0005	n/a	2/1/2022	0.00014J	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-48	0.001	n/a	1/31/2022	0.0002J	No	16	n/a	n/a	6.25	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Cadmium (mg/L)	GWC-49Z	0.0005	n/a	2/1/2022	0.0005ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.00104	n/a	2/2/2022	0.0005ND	No	38	n/a	n/a	78.95	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-6	0.0005	n/a	2/2/2022	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7Z	0.0005	n/a	2/2/2022	0.0005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8Z	0.0005	n/a	2/2/2022	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.012	n/a	2/1/2022	0.005ND	No	35	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.009	n/a	2/1/2022	0.005ND	No	35	n/a	n/a	65.71	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2R	0.012	n/a	2/1/2022	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-39RZ	0.005	n/a	2/2/2022	0.0012J	No	16	n/a	n/a	43.75	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-39Z	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3A	0.012	n/a	2/2/2022	0.0069	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-40	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41	0.015	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-42	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43R	0.005	n/a	1/31/2022	0.0011J	No	17	n/a	n/a	41.18	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-50	0.005	n/a	2/1/2022	0.005ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-50R	0.005	n/a	2/2/2022	0.005ND	No	32	n/a	n/a	68.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.034	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	45.95	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-10R	0.01	n/a	2/4/2022	0.005ND	No	36	n/a	n/a	77.78	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-11	0.01362	n/a	2/4/2022	0.0071	No	37	0.005363	0.003241	29.73	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-11R	0.02332	n/a	2/4/2022	0.0042J	No	27	0.09077	0.02324	3.704	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-12	0.03	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-13	0.035	n/a	2/17/2022	0.0053	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-13RZ	0.005	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-14Z	0.01804	n/a	2/4/2022	0.005ND	No	36	0.05936	0.02935	30.56	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-15R	0.014	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-15Z	0.027	n/a	2/7/2022	0.0011J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-44	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-45	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-45R	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-46R	0.009521	n/a	1/31/2022	0.0051	No	18	0.05595	0.01424	16.67	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-47	0.01	n/a	2/1/2022	0.0015J	No	16	n/a	n/a	12.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-47R	0.018	n/a	2/1/2022	0.0022J	No	16	n/a	n/a	0	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-48	0.01	n/a	1/31/2022	0.002J	No	17	n/a	n/a	29.41	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-49R	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	52.94	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-49Z	0.017	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.032	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	55.26	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.027	n/a	2/2/2022	0.0026J	No	37	n/a	n/a	27.03	n/a	n/a	0.001361	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-6RZ	0.01	n/a	2/2/2022	0.0024J	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-7Z	0.005	n/a	2/2/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8RR	0.01	n/a	2/2/2022	0.0015J	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8Z	0.01	n/a	2/2/2022	0.0021J	No	20	n/a	n/a	30	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-9	0.018	n/a	2/2/2022	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	78.95	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.013	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2R	0.005	n/a	2/1/2022	0.00093J	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39RZ	0.0057	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39Z	0.0104	n/a	1/31/2022	0.005ND	No	17	0.04156	0.02036	29.41	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWA-3A	0.0057	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	40.54	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-42	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4RZ	0.02994	n/a	2/3/2022	0.0059	No	17	0.01093	0.006405	5.882	None	No	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWA-50R	0.005	n/a	2/2/2022	0.005ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.013	n/a	2/4/2022	0.0018J	No	38	n/a	n/a	60.53	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.016	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	81.58	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11R	0.005	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.01	n/a	2/2/2022	0.0034J	No	37	n/a	n/a	8.108	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-13	0.011	n/a	2/17/2022	0.005ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-13RZ	0.0079	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-14Z	0.011	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	81.58	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-15R	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-15Z	0.005	n/a	2/7/2022	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-44	0.01	n/a	1/31/2022	0.0017J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-45	0.01	n/a	2/1/2022	0.0013J	No	17	n/a	n/a	11.76	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-48	0.01	n/a	1/31/2022	0.0021J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-49Z	0.01203	n/a	2/1/2022	0.00066J	No	17	0.003682	0.002811	11.76	None	No	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWC-5	0.0073	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	57.89	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7Z	0.01	n/a	2/2/2022	0.00042J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-8RR	0.005	n/a	2/2/2022	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8Z	0.005	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.0067	n/a	2/2/2022	0.00043J	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-1	0.0094	n/a	2/1/2022	0.005ND	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.013	n/a	2/1/2022	0.005ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2R	0.013	n/a	2/1/2022	0.00096J	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39RZ	0.011	n/a	2/2/2022	0.005ND	No	11	n/a	n/a	81.82	n/a	n/a	0.01276	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39Z	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3A	0.06218	n/a	2/2/2022	0.005ND	No	32	0.03331	0.01113	6.25	None	No	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWA-40	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.0028J	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-42	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.0014J	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43R	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4RZ	0.005	n/a	2/3/2022	0.005ND	No	10	n/a	n/a	70	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-50	0.06029	n/a	2/1/2022	0.0017J	No	27	-5.166	0.8843	14.81	None	ln(x)	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWA-50R	0.02138	n/a	2/2/2022	0.0033J	No	16	-5.507	0.5512	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWC-10	0.006	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10R	0.007	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.013	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11R	0.019	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWC-12	0.0067	n/a	2/2/2022	0.005ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.005	n/a	2/17/2022	0.005ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13RZ	0.013	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14Z	0.0056	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15R	0.02	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15Z	0.021	n/a	2/7/2022	0.005ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-44	0.005	n/a	1/31/2022	0.00053J	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-45	0.012	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-45R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-47	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-47R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-48	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-49Z	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.07478	n/a	2/2/2022	0.024	No	32	0.1527	0.04654	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWC-6	0.0069	n/a	2/2/2022	0.005ND	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6RZ	0.005	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7Z	0.005	n/a	2/2/2022	0.005ND	No	11	n/a	n/a	63.64	n/a	n/a	0.01276	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8RR	0.005	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8Z	0.005	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.01	n/a	2/2/2022	0.005ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.0028	n/a	2/1/2022	0.001ND	No	38	n/a	n/a	78.95	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.002536	n/a	2/1/2022	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2R	0.001	n/a	2/1/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39RZ	0.0011	n/a	2/2/2022	0.001ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39Z	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-40	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41R	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-42	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43R	0.0038	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4RZ	0.001	n/a	2/3/2022	0.001ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50	0.001	n/a	2/1/2022	0.001ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50R	0.0012	n/a	2/2/2022	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10R	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11R	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	2/17/2022	0.001ND	No	38	n/a	n/a	76.32	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13RZ	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14Z	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15R	0.0011	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15Z	0.001	n/a	2/7/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-44	0.001018	n/a	1/31/2022	0.001ND	No	17	0.0004531	0.0001903	23.53	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Lead (mg/L)	GWC-45	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	35.29	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-45R	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-47	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-47R	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-48	0.002529	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-49Z	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/2/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/2/2022	0.001ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6RZ	0.001	n/a	2/2/2022	0.001ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7Z	0.001	n/a	2/2/2022	0.001ND	No	17	n/a	n/a	47.06	n/a	n/a	0.005914	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-8RR	0.001	n/a	2/2/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8Z	0.001	n/a	2/2/2022	0.001ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-9	0.0012	n/a	2/2/2022	0.001ND	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.024	n/a	2/1/2022	0.005ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.02	n/a	2/1/2022	0.005ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2R	0.0093	n/a	2/1/2022	0.005ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39RZ	0.0224	n/a	2/2/2022	0.005ND	No	12	n/a	n/a	58.33	n/a	n/a	0.01077	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39Z	0.01656	n/a	1/31/2022	0.005ND	No	15	0.1494	0.03401	33.33	Kaplan-Meier	x^(1/3)	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWA-3A	0.05189	n/a	2/2/2022	0.005ND	No	29	0.02228	0.01125	6.897	None	No	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWA-41	0.0089	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.00091J	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-42	0.01	n/a	1/31/2022	0.0011J	No	16	n/a	n/a	12.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.00077J	No	16	n/a	n/a	37.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43R	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4RZ	0.005	n/a	2/3/2022	0.005ND	No	10	n/a	n/a	80	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-50	0.005	n/a	2/1/2022	0.0008J	No	27	n/a	n/a	48.15	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-50R	0.01263	n/a	2/2/2022	0.00089J	No	16	-6.247	0.622	6.25	None	ln(x)	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-10	0.032	n/a	2/4/2022	0.0014J	No	33	n/a	n/a	48.48	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-10R	0.006	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0087	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11R	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.029	n/a	2/2/2022	0.0025J	No	33	n/a	n/a	39.39	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-13	0.015	n/a	2/17/2022	0.005ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13RZ	0.005	n/a	2/4/2022	0.005ND	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14Z	0.011	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-15R	0.0096	n/a	2/4/2022	0.00093J	No	32	n/a	n/a	59.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-15Z	0.019	n/a	2/7/2022	0.005ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-44	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-45	0.01	n/a	2/1/2022	0.0011J	No	16	n/a	n/a	6.25	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-45R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-47	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-47R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-48	0.01	n/a	1/31/2022	0.0052	No	16	n/a	n/a	6.25	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-49R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-49Z	0.01094	n/a	2/1/2022	0.0014J	No	16	0.003799	0.00237	6.25	None	No	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-5	0.06412	n/a	2/2/2022	0.0088	No	33	0.14	0.04382	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-6	0.022	n/a	2/2/2022	0.005ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7Z	0.005	n/a	2/2/2022	0.005ND	No	11	n/a	n/a	36.36	n/a	n/a	0.01276	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-8RR	0.005	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8Z	0.005	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.014	n/a	2/2/2022	0.0011J	No	31	n/a	n/a	35.48	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-2	0.005	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2R	0.005	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13	0.0074	n/a	2/17/2022	0.005ND	No	38	n/a	n/a	60.53	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13RZ	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14Z	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-15R	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-44	0.007498	n/a	1/31/2022	0.0018J	No	17	0.003418	0.001374	41.18	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Selenium (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-48	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-5	0.0072	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-6RZ	0.005	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8Z	0.0089	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-9	0.005	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-39RZ	0.005	n/a	2/2/2022	0.005ND	No	12	n/a	n/a	91.67	n/a	n/a	0.01077	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50	0.005	n/a	2/1/2022	0.005ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50R	0.004422	n/a	2/2/2022	0.0012J	No	27	0.002051	0.0008896	29.63	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Silver (mg/L)	GWC-12	0.005	n/a	2/2/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13RZ	0.005	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/1/2022	0.01ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	2/1/2022	0.01ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2R	0.01	n/a	2/1/2022	0.01ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-39RZ	0.01	n/a	2/2/2022	0.01ND	No	12	n/a	n/a	91.67	n/a	n/a	0.01077	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3A	0.01	n/a	2/2/2022	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43	0.01	n/a	1/31/2022	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43R	0.01	n/a	1/31/2022	0.01ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4RZ	0.01	n/a	2/3/2022	0.01ND	No	10	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-50R	0.01	n/a	2/2/2022	0.01ND	No	27	n/a	n/a	74.07	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-10	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11R	0.01	n/a	2/4/2022	0.01ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-12	0.01	n/a	2/2/2022	0.01ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.01	n/a	2/17/2022	0.01ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13RZ	0.011	n/a	2/4/2022	0.01ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14Z	0.012	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15R	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15Z	0.012	n/a	2/7/2022	0.01ND	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-45	0.01	n/a	2/1/2022	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-47R	0.01	n/a	2/1/2022	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/2/2022	0.01ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-6	0.01	n/a	2/2/2022	0.01ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8RR	0.01	n/a	2/2/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8Z	0.01	n/a	2/2/2022	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/2/2022	0.01ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.02	n/a	2/1/2022	0.02ND	No	30	n/a	n/a	33.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-2	0.027	n/a	2/1/2022	0.02ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2R	0.02	n/a	2/1/2022	0.02ND	No	32	n/a	n/a	50	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-39RZ	0.02	n/a	2/2/2022	0.02ND	No	12	n/a	n/a	58.33	n/a	n/a	0.01077	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39Z	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-3A	0.1542	n/a	2/2/2022	0.02ND	No	32	0.2389	0.05929	9.375	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWA-40	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41R	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-42	0.01923	n/a	1/31/2022	0.02ND	No	16	0.1016	0.0123	31.25	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWA-43	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-43R	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-4RZ	0.02	n/a	2/3/2022	0.02ND	No	10	n/a	n/a	60	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-50	0.02	n/a	2/1/2022	0.02ND	No	26	n/a	n/a	34.62	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-50R	0.02	n/a	2/2/2022	0.02ND	No	23	n/a	n/a	34.78	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.05529	n/a	2/4/2022	0.02ND	No	33	0.1855	0.07566	36.36	Kaplan-Meier	x^(1/3)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-10R	0.02	n/a	2/4/2022	0.02ND	No	33	n/a	n/a	45.45	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-11	0.02	n/a	2/4/2022	0.02ND	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11R	0.02	n/a	2/4/2022	0.02ND	No	33	n/a	n/a	48.48	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-12	0.1062	n/a	2/2/2022	0.019J	No	33	-4.535	0.8873	12.12	None	ln(x)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-13	0.02243	n/a	2/17/2022	0.02ND	No	29	0.00862	0.005244	31.03	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-13RZ	0.02	n/a	2/4/2022	0.02ND	No	29	n/a	n/a	34.48	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-14Z	0.02	n/a	2/4/2022	0.02ND	No	28	n/a	n/a	35.71	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-15R	0.02	n/a	2/4/2022	0.02ND	No	31	n/a	n/a	22.58	n/a	n/a	0.001905	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Zinc (mg/L)	GWC-15Z	0.025	n/a	2/7/2022	0.02ND	No	29	n/a	n/a	48.28	n/a	n/a	0.002172 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-44	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	31.25	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-45	0.02	n/a	2/1/2022	0.02ND	No	16	n/a	n/a	43.75	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-45R	0.02	n/a	2/1/2022	0.02ND	No	16	n/a	n/a	31.25	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-46R	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	56.25	n/a	n/a	0.006456 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-47	0.06071	n/a	2/1/2022	0.038	No	17	0.03192	0.009697	11.76	None	No	0.0001266 Param Intra 1 of 2
Zinc (mg/L)	GWC-47R	0.04024	n/a	2/1/2022	0.029	No	16	0.01806	0.007359	12.5	None	No	0.0001266 Param Intra 1 of 2
Zinc (mg/L)	GWC-48	0.01502	n/a	1/31/2022	0.02ND	No	16	-4.953	0.2504	37.5	Kaplan-Meier ln(x)		0.0001266 Param Intra 1 of 2
Zinc (mg/L)	GWC-49R	0.02	n/a	2/1/2022	0.02ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-49Z	0.02	n/a	2/1/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-5	0.06943	n/a	2/2/2022	0.034	No	14	0.04024	0.009154	7.143	None	No	0.0001266 Param Intra 1 of 2
Zinc (mg/L)	GWC-6	0.021	n/a	2/2/2022	0.02ND	No	28	n/a	n/a	42.86	n/a	n/a	0.002337 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-6RZ	0.02	n/a	2/2/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-7Z	0.02	n/a	2/2/2022	0.02ND	No	11	n/a	n/a	81.82	n/a	n/a	0.01276 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8RR	0.02	n/a	2/2/2022	0.02ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8Z	0.02	n/a	2/2/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.02315	n/a	2/2/2022	0.02ND	No	29	0.1828	0.03884	24.14	Kaplan-Meier x^(1/3)		0.0001266 Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:10 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>N Bg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Cadmium (mg/L)	GWC-12	0.00051	n/a	2/2/2022	0.0012	Yes	382	n/a		n/a	93.46	n/a	n/a	0.00004896 NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-45	0.063	n/a	2/1/2022	0.0072	No	363	n/a	n/a	1.102	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Cadmium (mg/L)	GWC-12	0.00051	n/a	2/2/2022	0.0012	Yes	382	n/a	n/a	93.46	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:05 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Beryllium (mg/L)	GWC-5	0.0005	n/a	2/2/2022	0.00075	Yes	284	n/a	n/a	n/a	91.55	n/a	n/a	0.00004896 NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-48	0.000286	n/a	1/31/2022	0.00039	Yes	382	n/a	n/a	n/a	96.6	n/a	n/a	0.00004896 NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:05 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Thallium (mg/L)	GWC-10	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-10R	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-11	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-11R	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-12	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-13	0.001	n/a	2/17/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-13RZ	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-14Z	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-15R	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-15Z	0.001	n/a	2/7/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-44	0.001	n/a	1/31/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-45	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-45R	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-46R	0.001	n/a	1/31/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-47	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-47R	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-48	0.001	n/a	1/31/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-49R	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-49Z	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-6RZ	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-7Z	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-8RR	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-8Z	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

Appendix I Trend Tests - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:20 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	-0.0008302	-356	-206	Yes	38	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3A (bg)	-0.0002628	-159	-139	Yes	29	3.448	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-41 (bg)	-0.001381	-76	-68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-43 (bg)	-0.002965	-83	-68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4RZ (bg)	0.004422	112	68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-50 (bg)	-0.0003784	-174	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-50R (bg)	-0.0007279	-229	-146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-13RZ	0.006535	430	199	Yes	37	0	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWC-12	-0.00008928	-242	-214	Yes	39	56.41	n/a	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:20 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	-0.0008302	-356	-206	Yes	38	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.0005128	77	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2R (bg)	0.0003814	125	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-39RZ (bg)	0	1	63	No	17	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-39Z (bg)	0.0008655	14	68	No	18	11.11	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3A (bg)	-0.0002628	-159	-139	Yes	29	3.448	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-40 (bg)	-0.0003677	-41	-63	No	17	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-41 (bg)	-0.001381	-76	-68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-41R (bg)	0.001147	24	68	No	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-42 (bg)	0.00002594	18	68	No	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-43 (bg)	-0.002965	-83	-68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-43R (bg)	-0.0001528	-57	-68	No	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4RZ (bg)	0.004422	112	68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-50 (bg)	-0.0003784	-174	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-50R (bg)	-0.0007279	-229	-146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-13RZ	0.006535	430	199	Yes	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-45	0.00009179	47	63	No	17	0	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-1 (bg)	0	18	87	No	21	95.24	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-2 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-2R (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-39RZ (bg)	0	14	63	No	17	94.12	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-39Z (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-3A (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-40 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-41 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-41R (bg)	0	-5	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-42 (bg)	0	15	58	No	16	0	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-43 (bg)	0	-11	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-43R (bg)	0	-1	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-4RZ (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-50 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-50R (bg)	0	-19	-87	No	21	85.71	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWC-5	-0.00001243	-39	-87	No	21	9.524	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-1 (bg)	0	21	214	No	39	94.87	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-2 (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-2R (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-39RZ (bg)	0	14	63	No	17	94.12	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-39Z (bg)	0	36	68	No	18	83.33	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-3A (bg)	0	0	206	No	38	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-40 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-41 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-41R (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-42 (bg)	0.000009612	43	68	No	18	11.11	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-43 (bg)	0	3	68	No	18	94.44	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-43R (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-4RZ (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-50 (bg)	0	-25	-167	No	33	93.94	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-50R (bg)	0	0	167	No	33	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWC-12	-0.000008928	-242	-214	Yes	39	56.41	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-1 (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-2 (bg)	0	28	214	No	39	97.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-2R (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-39RZ (bg)	0	-4	-63	No	17	94.12	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-39Z (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-3A (bg)	0	0	206	No	38	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-40 (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-41 (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-41R (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-42 (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-43 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-43R (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-4RZ (bg)	0	-13	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-50 (bg)	0	6	167	No	33	96.97	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-50R (bg)	0	0	167	No	33	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWC-48	0	-38	-68	No	18	72.22	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium, total (mg/L)	GWA-3A	19.4	n/a	2/2/2022	22.6	Yes	16	n/a	n/a	0	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Calcium, total (mg/L)	GWC-45	1.009	n/a	2/1/2022	1.1	Yes	17	0.8318	0.06622	0	None	No	0.0002894 Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45R	5.471	n/a	2/1/2022	6.1	Yes	17	1.754	0.2182	0	None	sqrt(x)	0.0002894 Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-3A	102.1	n/a	2/2/2022	104	Yes	16	5.596	1.658	31.25	Kaplan-Meiersqrt(x)	0.0002894	0.0002894 Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-45	57.61	n/a	2/1/2022	70	Yes	17	2.659	0.5196	41.18	Kaplan-Meierln(x)	0.0002894	0.0002894 Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWA-1	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-2	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-2R	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-39RZ	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	23.53	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-39Z	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-3A	0.04	n/a	2/2/2022	0.04ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-40	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-41	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-41R	0.04	n/a	1/31/2022	0.016J	No	17	n/a	n/a	41.18	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-42	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-43	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-43R	0.04212	n/a	1/31/2022	0.011J	No	17	0.02003	0.008233	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWA-4RZ	0.03839	n/a	2/3/2022	0.04ND	No	17	-4.603	0.5005	5.882	None	ln(x)	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWA-50	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-50R	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-10	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-10R	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-11	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-11R	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-12	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	100	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-13	0.03966	n/a	2/17/2022	0.015J	No	17	0.01835	0.00794	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-13RZ	0.02742	n/a	2/4/2022	0.017J	No	17	-4.386	0.2941	17.65	Kaplan-Meier	ln(x)	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-14Z	0.04	n/a	2/4/2022	0.04ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-15R	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-15Z	0.04	n/a	2/7/2022	0.04ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-44	0.03258	n/a	1/31/2022	0.015J	No	17	-4.509	0.4043	41.18	Kaplan-Meier	ln(x)	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-45	0.04	n/a	2/1/2022	0.019J	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-45R	0.04	n/a	2/1/2022	0.022J	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-46R	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-47	0.04	n/a	2/1/2022	0.011J	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-47R	0.04	n/a	2/1/2022	0.01J	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-48	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-49R	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-49Z	0.04	n/a	2/1/2022	0.0087J	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-5	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-6	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-6RZ	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-7Z	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	52.94	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-8RR	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-8Z	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-9	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Calcium, total (mg/L)	GWA-1	36.35	n/a	2/1/2022	34.1	No	17	30.64	2.13	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-2	82.96	n/a	2/1/2022	48	No	17	26.51	21.04	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-2R	61.92	n/a	2/1/2022	34.1	No	17	26.68	13.13	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-39RZ	39.13	n/a	2/2/2022	32.6	No	17	34952	9306	0	None	x^3	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-39Z	34.91	n/a	1/31/2022	12.7	No	18	12.62	8.42	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-3A	19.4	n/a	2/2/2022	22.6	Yes	16	n/a	n/a	0	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Calcium, total (mg/L)	GWA-40	31.1	n/a	1/31/2022	18.5	No	17	21.34	3.637	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-41	42.06	n/a	1/31/2022	14.5	No	17	18.81	8.667	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-41R	48.24	n/a	1/31/2022	39.3	No	17	33.1	5.641	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-42	38.83	n/a	1/31/2022	37.3	No	17	31.39	2.773	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-43	19.26	n/a	1/31/2022	2.2	No	17	6.843	4.628	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-43R	33.92	n/a	1/31/2022	30.6	No	18	28.96	1.875	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-4RZ	59.92	n/a	2/3/2022	57.7	No	17	49.56	3.858	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-50	4.551	n/a	2/1/2022	1.5	No	17	1.458	0.2518	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium, total (mg/L)	GWA-50R	13.06	n/a	2/2/2022	0.93J	No	17	4.392	3.23	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-10	50.26	n/a	2/4/2022	21.3	No	17	29.44	7.761	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-10R	48.89	n/a	2/4/2022	46.3	No	17	40.76	3.028	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-11	30.52	n/a	2/4/2022	19.2	No	17	16.75	5.131	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-11R	38.59	n/a	2/4/2022	34.8	No	17	26.59	4.472	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-12	9.546	n/a	2/2/2022	8.4	No	17	8.05	0.5575	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-13	75.84	n/a	2/17/2022	29.3	No	17	45.15	11.44	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-13RZ	59.04	n/a	2/4/2022	43.9	No	17	1947	573.4	0	None	x^2	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-14Z	43.05	n/a	2/4/2022	14.3	No	17	20.97	8.227	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-15R	45.82	n/a	2/4/2022	41.7	No	16	35.98	3.621	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-15Z	30.37	n/a	2/7/2022	26.1	No	17	13334	5471	0	None	x^3	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-44	21.15	n/a	1/31/2022	11.2	No	17	7.058	5.251	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-45	1.009	n/a	2/1/2022	1.1	Yes	17	0.8318	0.06622	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-45R	47.07	n/a	2/1/2022	43.9	No	17	35.37	4.358	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-46R	55.43	n/a	1/31/2022	39.9	No	17	44.66	4.014	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-47	30.37	n/a	2/1/2022	21.3	No	17	23.26	2.649	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-47R	38.9	n/a	2/1/2022	29.4	No	17	30.52	3.123	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-48	11.53	n/a	1/31/2022	2.8	No	17	1.798	0.5951	5.882	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-49R	31.57	n/a	2/1/2022	26	No	17	25.36	2.314	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-49Z	2.525	n/a	2/1/2022	0.62J	No	15	1.138	0.4971	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-5	12.1	n/a	2/2/2022	3.7	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Calcium, total (mg/L)	GWC-6	16.64	n/a	2/2/2022	15.5	No	16	14	0.9716	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-6RZ	15.25	n/a	2/2/2022	10.5	No	16	10.86	1.616	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-7Z	28.3	n/a	2/2/2022	26.9	No	17	23.72	1.707	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-8RR	25.36	n/a	2/2/2022	23.9	No	17	22.19	1.179	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-8Z	27.37	n/a	2/2/2022	20.8	No	16	412.2	123.9	0	None	x^2	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-9	41.78	n/a	2/2/2022	2.2	No	17	2.708	1.4	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-1	0.1269	n/a	2/1/2022	0.1ND	No	17	0.05491	0.02684	29.41	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-2	0.17	n/a	2/1/2022	0.1ND	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-2R	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	47.06	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Fluoride, total (mg/L)	GWA-39RZ	0.261	n/a	2/2/2022	0.1ND	No	17	0.2606	0.09328	29.41	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-39Z	0.1189	n/a	1/31/2022	0.1ND	No	17	0.05128	0.0252	41.18	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-3A	0.1	n/a	2/2/2022	0.1ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-40	0.11	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-41	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-41R	0.12	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-42	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-43	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-43R	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-4RZ	0.3402	n/a	2/3/2022	0.15	No	17	0.1751	0.06151	5.882	None	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-50	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-50R	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-10	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-10R	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-11	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-11R	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-12	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-13	0.24	n/a	2/17/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-13RZ	0.3678	n/a	2/4/2022	0.13	No	17	0.1616	0.07683	11.76	None	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWC-14Z	0.1	n/a	2/4/2022	0.1ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-15R	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-15Z	0.1	n/a	2/7/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-44	0.2044	n/a	1/31/2022	0.1ND	No	18	0.06019	0.0545	27.78	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWC-45	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-45R	0.14	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	GWC-46R	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-47	0.13	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	41.18	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Fluoride, total (mg/L)	GWC-47R	0.13	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-48	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-49R	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-49Z	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-5	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-6	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-6RZ	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-7Z	0.22	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-8RR	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-8Z	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	52.94	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-9	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate, total (mg/L)	GWA-1	2.711	n/a	2/1/2022	0.93J	No	17	1.552	0.4319	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-2	179.3	n/a	2/1/2022	86.1	No	17	54.87	46.38	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-2R	34.3	n/a	2/1/2022	1.5	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-39RZ	29.35	n/a	2/2/2022	4.5	No	17	10.86	6.891	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-39Z	9.901	n/a	1/31/2022	1.2	No	17	3.753	2.291	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-3A	5.4	n/a	2/2/2022	3.4	No	16	n/a	n/a	12.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-40	7.784	n/a	1/31/2022	1.2	No	18	0.4574	0.6025	5.556	None	ln(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-41	19.9	n/a	1/31/2022	1.8	No	17	0.9897	0.7457	0	None	ln(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-41R	13.45	n/a	1/31/2022	8.5	No	17	5.663	2.903	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-42	2.63	n/a	1/31/2022	1.1	No	17	1.587	0.3887	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-43	2.147	n/a	1/31/2022	0.5ND	No	17	0.8458	0.2309	29.41	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-43R	10.68	n/a	1/31/2022	2.5	No	17	5.664	1.871	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-4RZ	28.58	n/a	2/3/2022	20.7	No	18	21.14	2.813	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-50	1.031	n/a	2/1/2022	0.5ND	No	17	0.6803	0.1308	29.41	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-50R	1.69	n/a	2/2/2022	0.53J	No	17	0.9694	0.2687	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-10	2.213	n/a	2/4/2022	1.2	No	17	1.356	0.3195	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-10R	2.272	n/a	2/4/2022	1.1	No	17	1.406	0.3226	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-11	3.941	n/a	2/4/2022	1.7	No	17	2.457	0.553	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-11R	4.739	n/a	2/4/2022	1.5	No	17	2.51	0.8307	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-12	0.7884	n/a	2/2/2022	0.5ND	No	17	0.6222	0.09903	41.18	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-13	196.5	n/a	2/17/2022	6.9	No	17	69.62	47.29	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-13RZ	107.1	n/a	2/4/2022	63.1	No	17	56.66	18.8	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-14Z	11.83	n/a	2/4/2022	6.4	No	16	4.35	2.75	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-15R	13.96	n/a	2/4/2022	8.3	No	17	9.185	1.78	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-15Z	15.09	n/a	2/7/2022	0.64J	No	17	1.728	0.8034	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-44	62.46	n/a	1/31/2022	29.7	No	17	21.93	15.1	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45	1.62	n/a	2/1/2022	0.5ND	No	17	0.7658	0.3183	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45R	5.471	n/a	2/1/2022	6.1	Yes	17	1.754	0.2182	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-46R	9.434	n/a	1/31/2022	5.2	No	17	6.619	1.049	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-47	5.577	n/a	2/1/2022	4.3	No	17	4.314	0.471	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-47R	15.96	n/a	2/1/2022	9.4	No	17	9.402	2.446	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-48	20.2	n/a	1/31/2022	1.2	No	19	n/a	n/a	5.263	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWC-49R	6.244	n/a	2/1/2022	2.5	No	18	1.819	0.2569	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-49Z	3.084	n/a	2/1/2022	0.93J	No	14	1.807	0.4463	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-5	2.174	n/a	2/2/2022	1	No	17	1.416	0.2824	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-6	3.803	n/a	2/2/2022	1.7	No	17	2.289	0.564	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-6RZ	3.425	n/a	2/2/2022	1.5	No	17	1.962	0.5452	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-7Z	2.37	n/a	2/2/2022	1.3	No	17	0.9735	0.5205	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-8RR	2.1	n/a	2/2/2022	0.72J	No	17	1.018	0.4031	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-8Z	4.465	n/a	2/2/2022	0.72J	No	17	1.967	0.931	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-9	4.753	n/a	2/2/2022	2.5	No	17	2.308	0.9112	5.882	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-1	190.4	n/a	2/1/2022	143	No	17	153.2	13.85	0	None	No	0.0002894	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Total Dissolved Solids [TDS] (mg/l)	GWA-2	398.6	n/a	2/1/2022	202	No	17	138.3	97.02	5.882	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-2R	237.6	n/a	2/1/2022	114	No	17	120.5	43.64	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ	258.4	n/a	2/2/2022	143	No	17	165.8	34.53	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z	169.9	n/a	1/31/2022	61	No	16	69.56	36.89	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-3A	102.1	n/a	2/2/2022	104	Yes	16	5.596	1.658	31.25	Kaplan-Meiersqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-40	169.9	n/a	1/31/2022	81	No	17	103.5	24.74	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-41	203.5	n/a	1/31/2022	63	No	17	85.94	43.82	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-41R	269.7	n/a	1/31/2022	184	No	17	159.5	41.05	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-42	186.7	n/a	1/31/2022	132	No	17	134.1	19.58	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-43	90.96	n/a	1/31/2022	25	No	17	37.29	20	17.65	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-43R	191.5	n/a	1/31/2022	128	No	17	139.8	19.27	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ	425.2	n/a	2/3/2022	243	No	17	15.84	1.782	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-50	48.57	n/a	2/1/2022	21	No	17	19.4	10.87	29.41	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-50R	97.84	n/a	2/2/2022	15	No	17	32.1	24.5	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-10	208.4	n/a	2/4/2022	102	No	17	125.3	30.95	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	244.5	n/a	2/4/2022	156	No	17	147	36.34	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-11	151.3	n/a	2/4/2022	120	No	17	91.59	22.25	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	176.7	n/a	2/4/2022	157	No	17	130.5	17.23	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-12	104	n/a	2/2/2022	54	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-13	419.1	n/a	2/17/2022	119	No	17	214.5	76.23	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	363	n/a	2/4/2022	262	No	17	66958	24165	0	None	x^2	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	286.7	n/a	2/4/2022	92	No	17	10.28	2.48	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	238.8	n/a	2/4/2022	162	No	17	167.6	26.5	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	223.8	n/a	2/7/2022	121	No	17	117.9	39.46	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-44	201.1	n/a	1/31/2022	63	No	18	6.914	2.746	16.67	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-45	57.61	n/a	2/1/2022	70	Yes	17	2.659	0.5196	41.18	Kaplan-Meierln(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	251.4	n/a	2/1/2022	201	No	17	165.1	32.17	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	298.8	n/a	1/31/2022	197	No	17	233.9	24.2	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-47	176.7	n/a	2/1/2022	107	No	17	125.5	19.06	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	200.3	n/a	2/1/2022	157	No	17	21576	6910	0	None	x^2	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-48	98.66	n/a	1/31/2022	31	No	17	5.376	1.698	23.53	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	191	n/a	2/1/2022	125	No	17	124.8	24.67	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	70.08	n/a	2/1/2022	27	No	17	28.68	15.43	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-5	130.9	n/a	2/2/2022	32	No	17	5.6	2.177	17.65	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-6	164.9	n/a	2/2/2022	73	No	17	8.794	1.509	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	164.6	n/a	2/2/2022	51	No	17	69.88	35.29	5.882	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	172	n/a	2/2/2022	115	No	17	121	19	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	133.8	n/a	2/2/2022	102	No	17	107.8	9.712	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	186	n/a	2/2/2022	85	No	17	111.5	27.74	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-9	176.7	n/a	2/2/2022	21	No	17	57.41	44.47	5.882	None	No	0.0002894	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium, total (mg/L)	GWC-45	66.6	n/a	2/1/2022	1.1	No	271	n/a	n/a	0	n/a	n/a	0.00004896 NP Inter (normality) 1 of 2
Sulfate, total (mg/L)	GWC-45R	147	n/a	2/1/2022	6.1	No	271	n/a	n/a	6.642	n/a	n/a	0.00004896 NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-45	400	n/a	2/1/2022	70	No	268	n/a	n/a	6.716	n/a	n/a	0.00004896 NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 4:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Chloride, Total (mg/L)	GWC-13RZ	4.346	n/a	2/4/2022	6.1	Yes	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-48	4.346	n/a	1/31/2022	4.8	Yes	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
pH (pH_units)	GWC-44	8.04	5.07	1/31/2022	4.78	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45	8.04	5.07	2/1/2022	4.88	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-48	8.04	5.07	1/31/2022	4.86	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49Z	8.04	5.07	2/1/2022	5	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8RR	8.04	5.07	2/2/2022	8.13	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8Z	8.04	5.07	2/2/2022	8.92	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-9	8.04	5.07	2/2/2022	4.81	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 4:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Chloride, Total (mg/L)	GWC-10	4.346	n/a	2/4/2022	1.9	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-10R	4.346	n/a	2/4/2022	2.2	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-11	4.346	n/a	2/4/2022	1.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-11R	4.346	n/a	2/4/2022	1.4	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-12	4.346	n/a	2/2/2022	0.79J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-13	4.346	n/a	2/17/2022	3.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-13RZ	4.346	n/a	2/4/2022	6.1	Yes	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-14Z	4.346	n/a	2/4/2022	3.6	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-15R	4.346	n/a	2/4/2022	1.2	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-15Z	4.346	n/a	2/7/2022	0.6J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-44	4.346	n/a	1/31/2022	4.2	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-45	4.346	n/a	2/1/2022	0.79J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-45R	4.346	n/a	2/1/2022	4.3	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-46R	4.346	n/a	1/31/2022	1.7	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-47	4.346	n/a	2/1/2022	2	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-47R	4.346	n/a	2/1/2022	2.3	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-48	4.346	n/a	1/31/2022	4.8	Yes	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-49R	4.346	n/a	2/1/2022	1.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-49Z	4.346	n/a	2/1/2022	0.93J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-5	4.346	n/a	2/2/2022	0.66J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-6	4.346	n/a	2/2/2022	1.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-6RZ	4.346	n/a	2/2/2022	1.3	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-7Z	4.346	n/a	2/2/2022	0.76J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-8RR	4.346	n/a	2/2/2022	0.77J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-8Z	4.346	n/a	2/2/2022	1.4	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-9	4.346	n/a	2/2/2022	2.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
pH (pH_units)	GWC-10	8.04	5.07	2/4/2022	6.53	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-10R	8.04	5.07	2/4/2022	7.69	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-11	8.04	5.07	2/4/2022	7.2	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-11R	8.04	5.07	2/4/2022	7.58	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-12	8.04	5.07	2/2/2022	6.35	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-13	8.04	5.07	2/17/2022	7.24	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-13RZ	8.04	5.07	2/4/2022	7.46	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-14Z	8.04	5.07	2/4/2022	6.06	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-15R	8.04	5.07	2/4/2022	7.61	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-15Z	8.04	5.07	2/7/2022	7.83	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-44	8.04	5.07	1/31/2022	4.78	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45	8.04	5.07	2/1/2022	4.88	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45R	8.04	5.07	2/1/2022	7.15	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-46R	8.04	5.07	1/31/2022	7.48	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-47	8.04	5.07	2/1/2022	7.55	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-47R	8.04	5.07	2/1/2022	7.54	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-48	8.04	5.07	1/31/2022	4.86	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49R	8.04	5.07	2/1/2022	7.63	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49Z	8.04	5.07	2/1/2022	5	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-5	8.04	5.07	2/2/2022	5.9	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-6	8.04	5.07	2/2/2022	7.4	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-6RZ	8.04	5.07	2/2/2022	6.8	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-7Z	8.04	5.07	2/2/2022	7.54	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8RR	8.04	5.07	2/2/2022	8.13	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8Z	8.04	5.07	2/2/2022	8.92	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-9	8.04	5.07	2/2/2022	4.81	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium, total (mg/L)	GWA-42 (bg)	1.159	87	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-43 (bg)	-1.753	-111	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWC-45R	1.856	79	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-1 (bg)	-0.08193	-75	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39Z (bg)	-0.1437	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41 (bg)	-0.119	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41R (bg)	-0.3475	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-48	0.4117	117	68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.09648	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.1032	-74	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.176	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.08111	-80	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1458	-75	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-45	-0.0475	-94	-81	Yes	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-48	-0.04523	-87	-81	Yes	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-49Z	-0.1154	-103	-74	Yes	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-9	-0.2055	-70	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-1 (bg)	-0.2255	-117	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-39Z (bg)	-0.8985	-101	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-43 (bg)	-0.1378	-76	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50 (bg)	-0.05637	-80	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50R (bg)	-0.09098	-82	-68	Yes	18	5.556	n/a	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium, total (mg/L)	GWA-1 (bg)	0.7528	60	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-2 (bg)	1.647	13	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-2R (bg)	3.285	65	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-39RZ (bg)	0.2673	24	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-39Z (bg)	0.2209	9	74	No	19	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-3A (bg)	-0.05415	-9	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-40 (bg)	-0.2054	-14	-68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-41 (bg)	0.1525	9	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-41R (bg)	-0.7729	-16	-68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-42 (bg)	1.159	87	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-43 (bg)	-1.753	-111	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-43R (bg)	0.6033	72	74	No	19	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-4RZ (bg)	1.274	51	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-50 (bg)	-0.1057	-51	-68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-50R (bg)	-0.7039	-67	-68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWC-45	0.02328	57	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWC-45R	1.856	79	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-1 (bg)	-0.08193	-75	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2 (bg)	-0.1179	-54	-68	No	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2R (bg)	-0.0357	-26	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39RZ (bg)	-0.1921	-58	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39Z (bg)	-0.1437	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3A (bg)	-0.002061	-26	-63	No	17	5.882	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-40 (bg)	-0.05753	-35	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41 (bg)	-0.119	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41R (bg)	-0.3475	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-42 (bg)	-0.04101	-15	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-43 (bg)	0	-17	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-43R (bg)	-0.2391	-44	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-4RZ (bg)	0	1	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-50 (bg)	-0.04419	-66	-68	No	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-50R (bg)	-0.04049	-67	-68	No	18	11.11	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-13RZ	0.1244	12	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-48	0.4117	117	68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-1 (bg)	-0.02308	-60	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2 (bg)	-0.04714	-35	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.09648	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-39RZ (bg)	-0.04592	-44	-81	No	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-39Z (bg)	-0.03337	-13	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-3A (bg)	-0.0591	-28	-63	No	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-40 (bg)	-0.06319	-65	-81	No	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41 (bg)	-0.02321	-20	-63	No	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.1032	-74	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-42 (bg)	-0.0169	-33	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.176	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43R (bg)	-0.008321	-22	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-4RZ (bg)	-0.02545	-35	-105	No	24	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.08111	-80	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1458	-75	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-44	-0.03662	-47	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-45	-0.0475	-94	-81	Yes	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-48	-0.04523	-87	-81	Yes	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-49Z	-0.1154	-103	-74	Yes	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-8RR	0	-1	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-8Z	-0.1068	-59	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-9	-0.2055	-70	-68	Yes	18	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate, total (mg/L)	GWA-1 (bg)	-0.2255	-117	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-2 (bg)	0.8739	5	68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-2R (bg)	0.1007	20	68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-39RZ (bg)	-1.008	-28	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-39Z (bg)	-0.8985	-101	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-3A (bg)	-0.08002	-13	-63	No	17	11.76	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-40 (bg)	0.0447	20	74	No	19	5.263	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-41 (bg)	0.02594	8	68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-41R (bg)	0.6924	49	68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-42 (bg)	-0.009958	-6	-68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-43 (bg)	-0.1378	-76	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-43R (bg)	-0.6041	-54	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-4RZ (bg)	0.3088	26	74	No	19	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50 (bg)	-0.05637	-80	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50R (bg)	-0.09098	-82	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWC-45R	0.3127	63	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-1 (bg)	1.337	17	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-2 (bg)	-7.269	-11	-68	No	18	5.556	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-2R (bg)	3.796	21	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ (bg)	-7.571	-38	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z (bg)	0.3575	4	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-3A (bg)	7.912	56	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-40 (bg)	-0.8013	-4	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-41 (bg)	2.445	8	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-41R (bg)	2.535	14	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-42 (bg)	-0.6222	-7	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-43 (bg)	-6.052	-65	-68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-43R (bg)	-0.35	-4	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ (bg)	-8.111	-32	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-50 (bg)	0	1	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-50R (bg)	-4.124	-33	-68	No	18	22.22	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWC-45	2.017	43	68	No	18	38.89	n/a	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Resample Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/9/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWC-12	0.001	n/a	4/28/2022	0.00067	No	38	n/a	n/a	57.89	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Resample Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/9/2022, 10:37 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	GWC-5	0.0005	n/a	4/28/2022	0.00078	Yes	284	n/a	n/a	91.55	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-48	0.000286	n/a	4/28/2022	0.0004	Yes	382	n/a	n/a	96.6	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

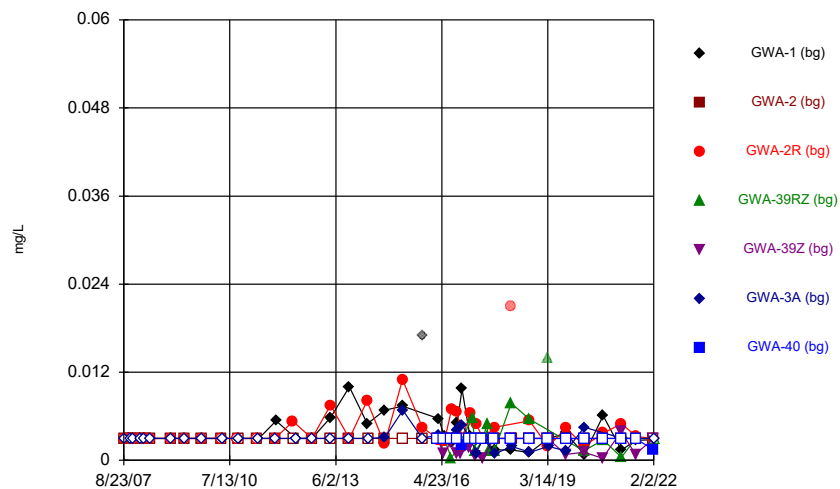
Appendix III Interwell Prediction Limits - Resample Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/9/2022, 10:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-48	4.9	n/a	4/28/2022	5	Yes	269	n/a	n/a	2.23	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-12	8.04	5.07	4/28/2022	6.33	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-48	8.04	5.07	4/28/2022	5	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-5	8.04	5.07	4/28/2022	5.78	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8Z	8.04	5.07	4/28/2022	6.91	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

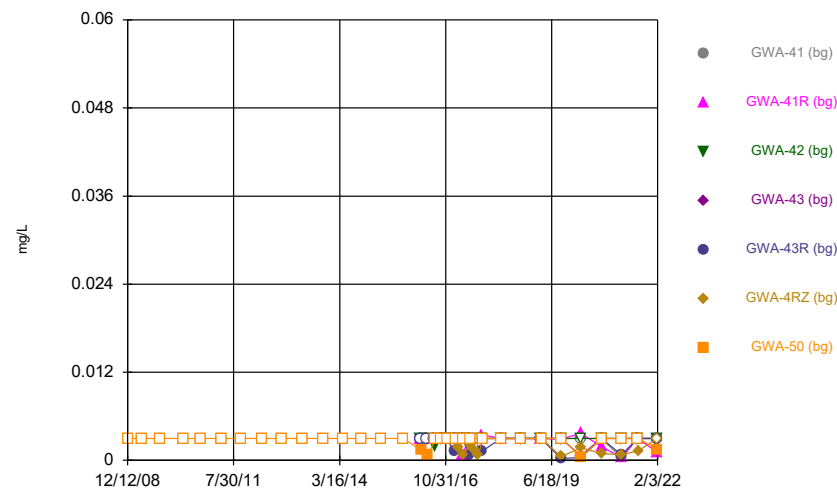
FIGURE A.

Time Series



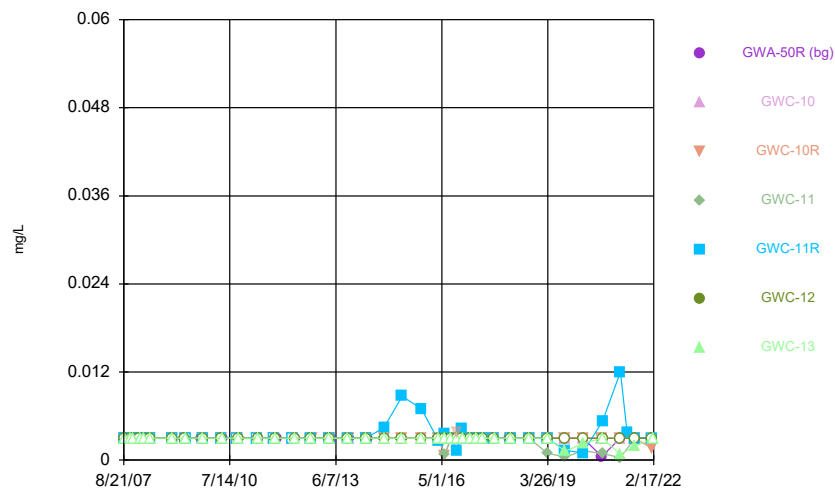
Constituent: Antimony Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



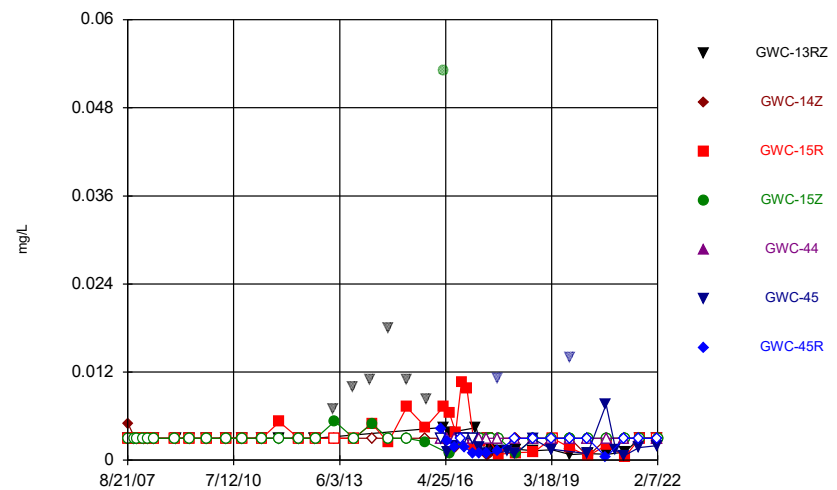
Constituent: Antimony Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



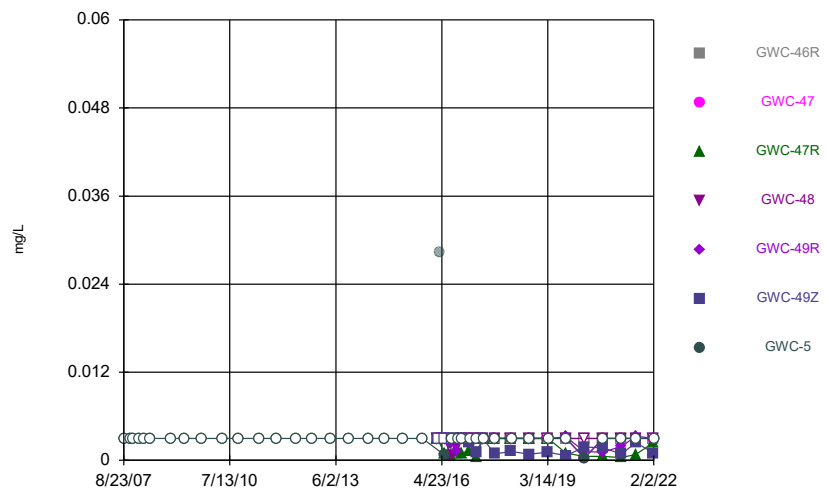
Constituent: Antimony Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



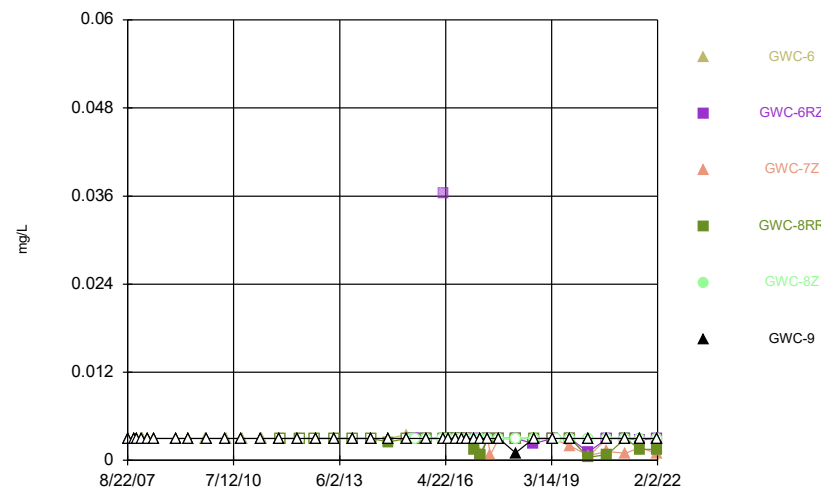
Constituent: Antimony Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



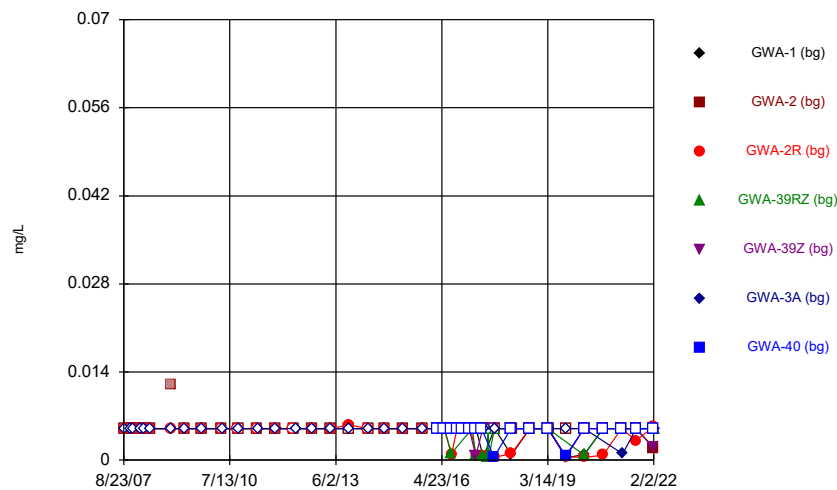
Constituent: Antimony Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



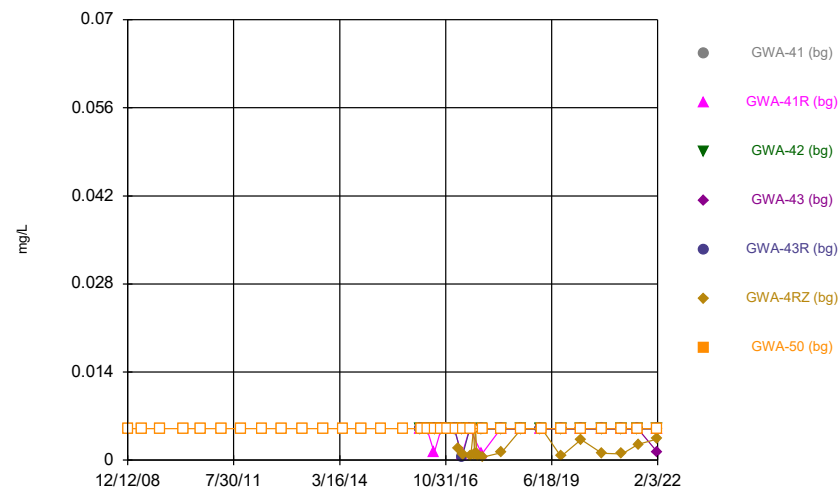
Constituent: Antimony Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



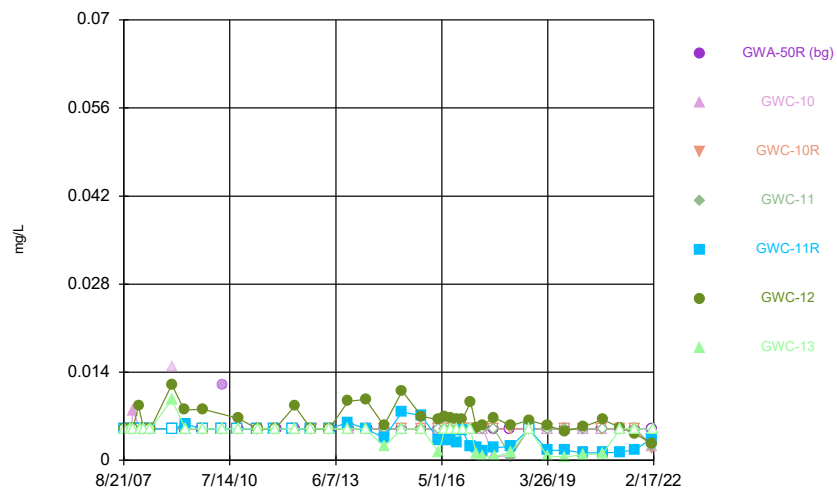
Constituent: Arsenic Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



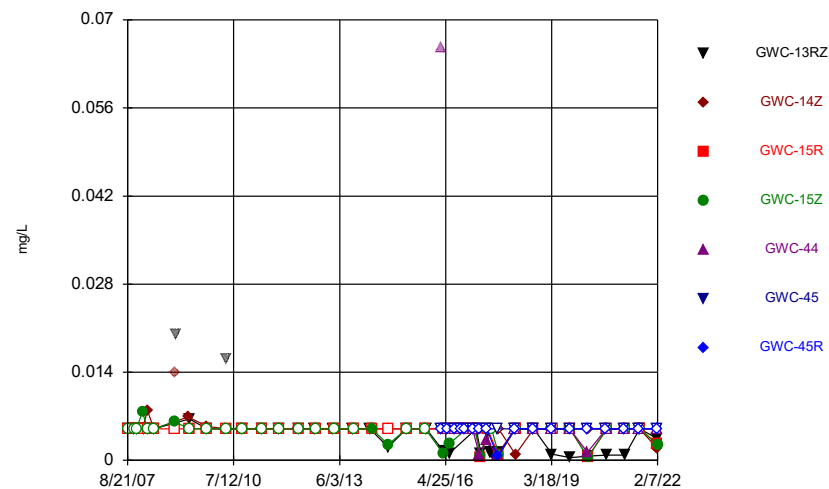
Constituent: Arsenic Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



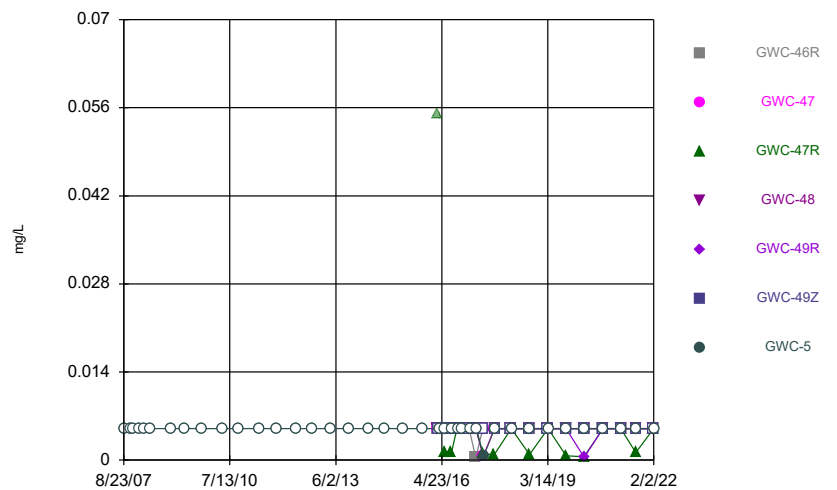
Constituent: Arsenic Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



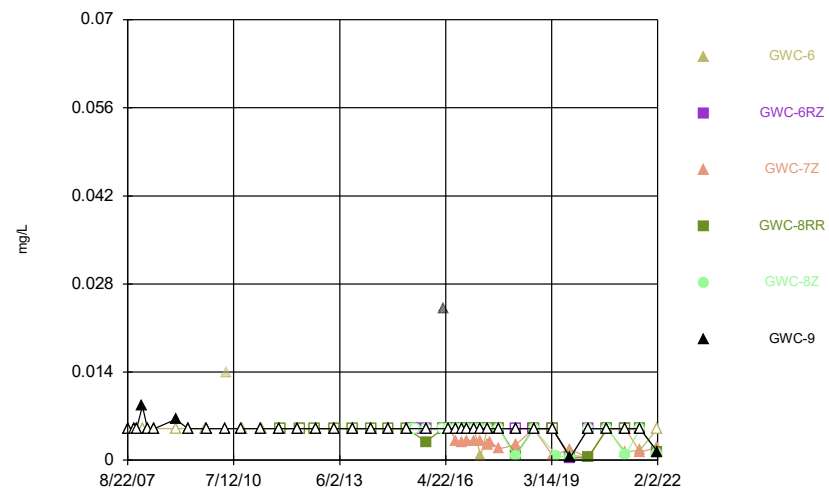
Constituent: Arsenic Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



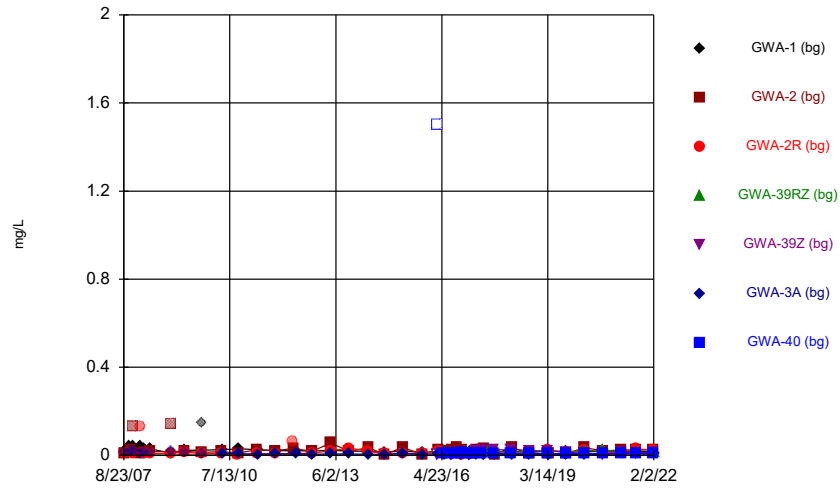
Constituent: Arsenic Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



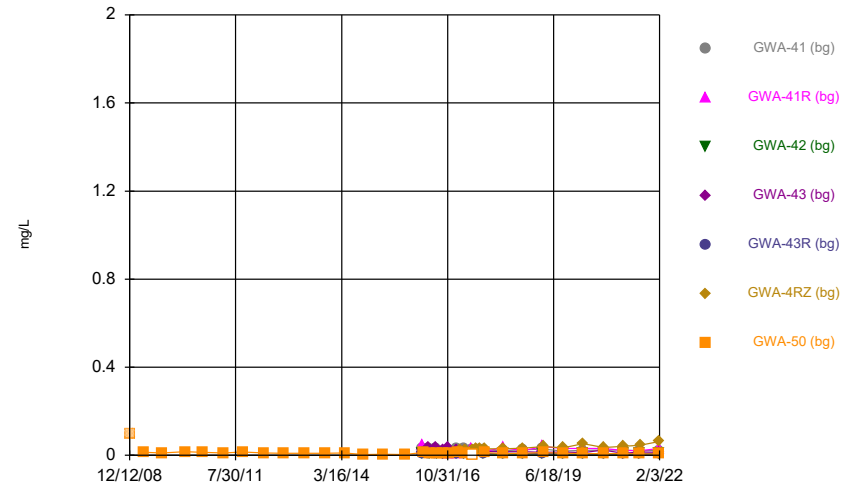
Constituent: Arsenic Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



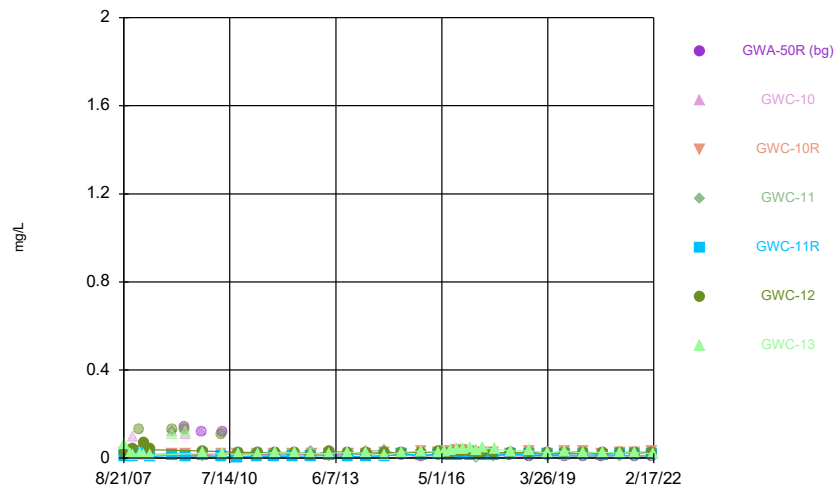
Constituent: Barium Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



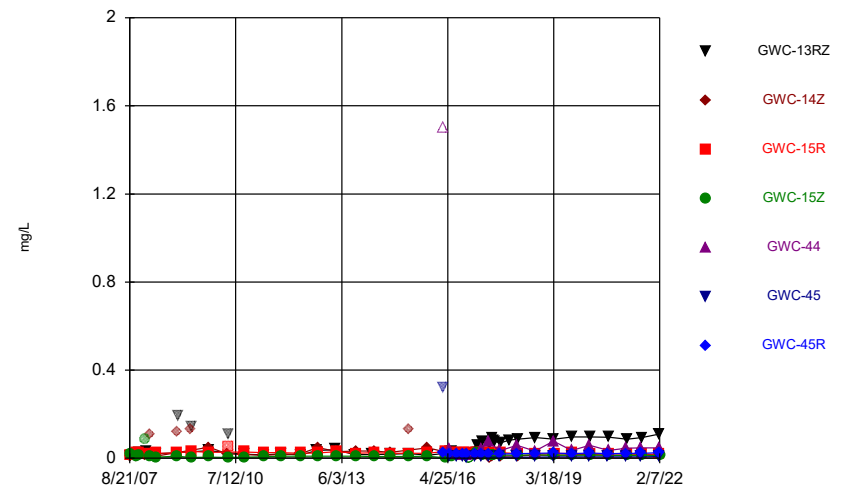
Constituent: Barium Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



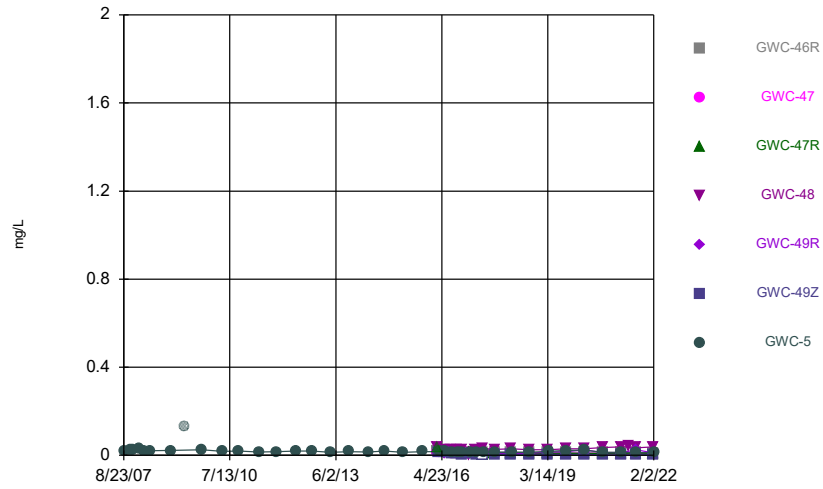
Constituent: Barium Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



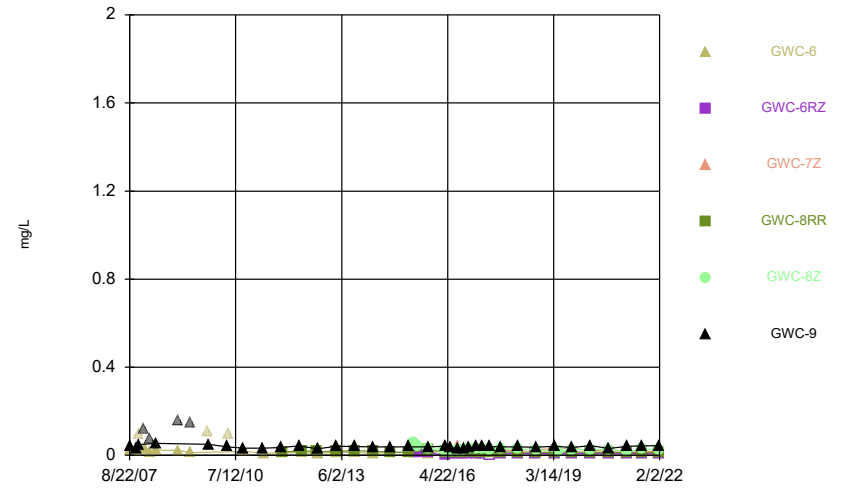
Constituent: Barium Analysis Run 4/1/2022 5:06 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



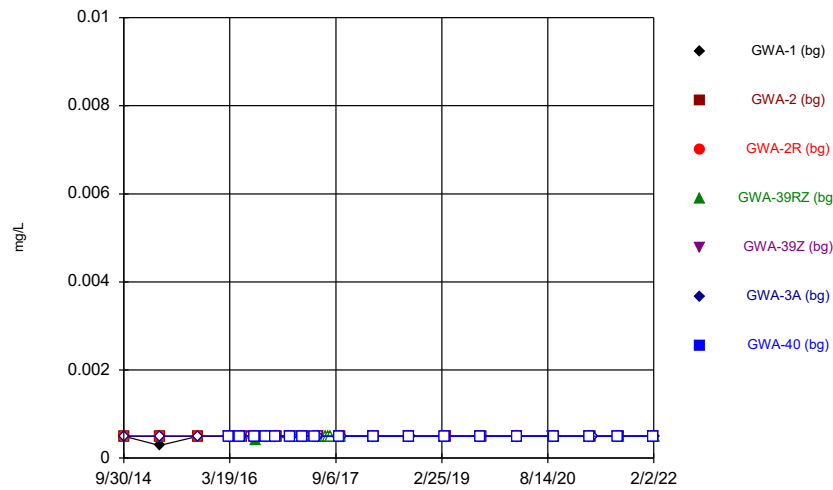
Constituent: Barium Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



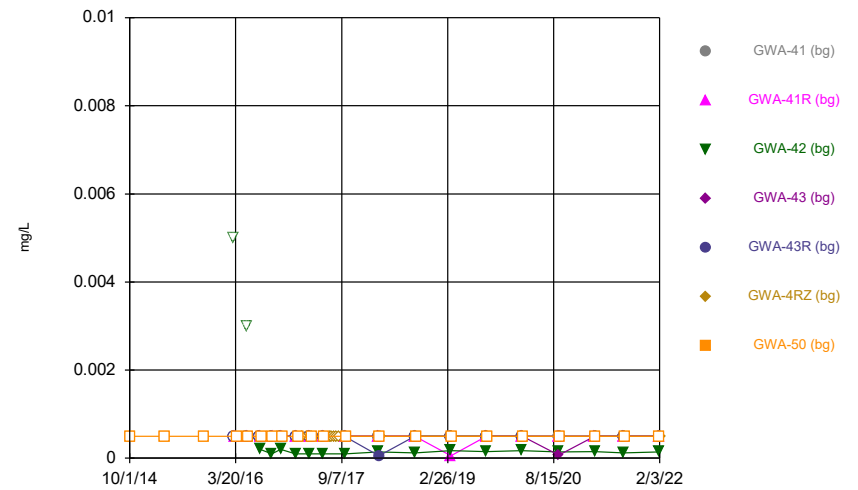
Constituent: Barium Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



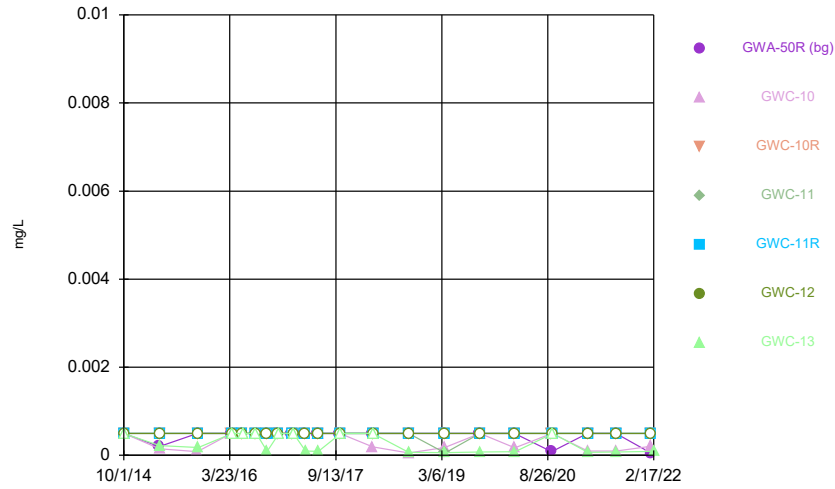
Constituent: Beryllium Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



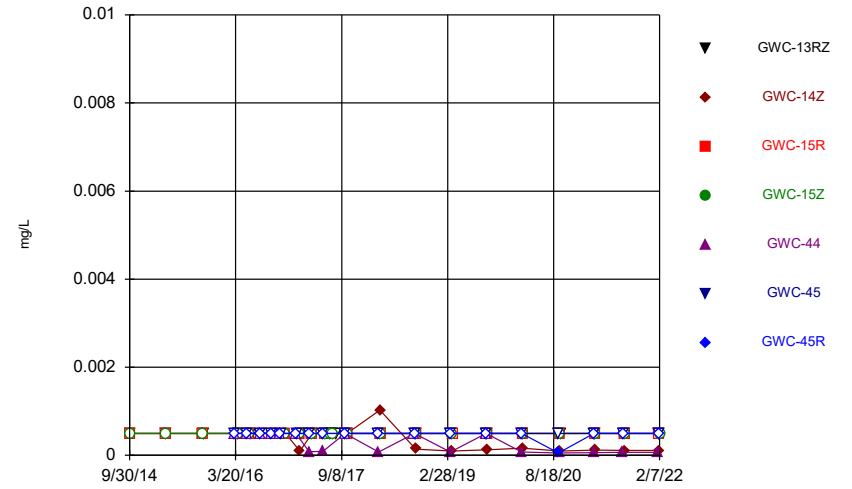
Constituent: Beryllium Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



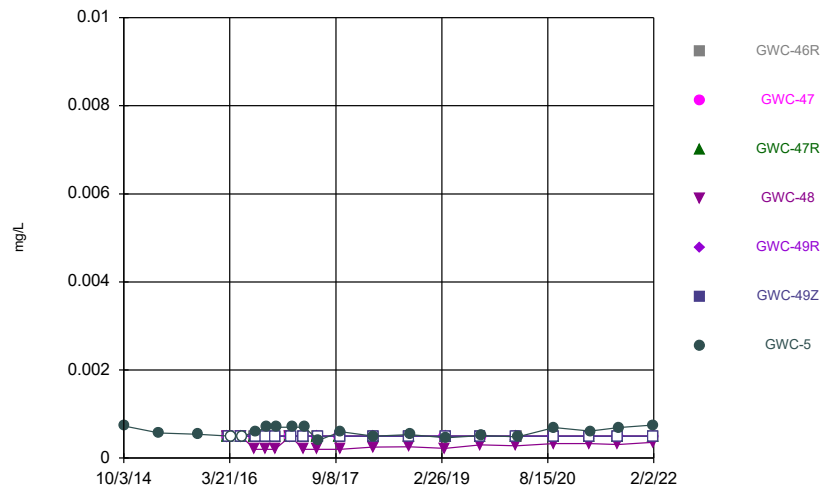
Constituent: Beryllium Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



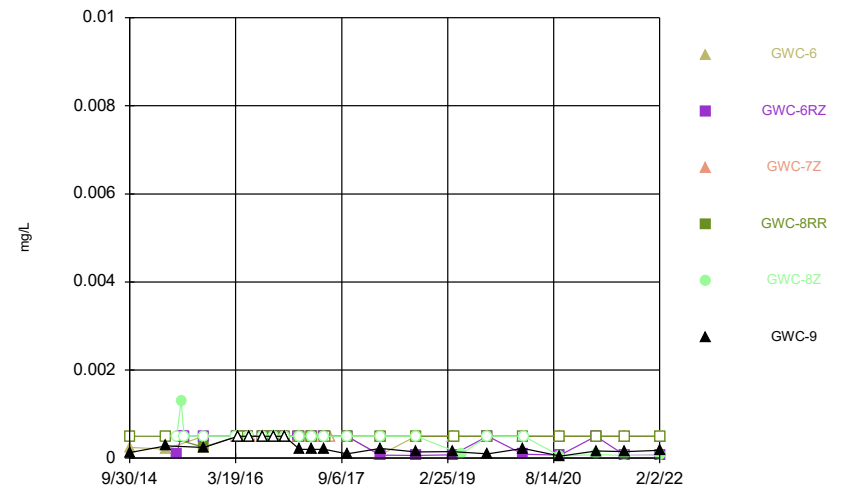
Constituent: Beryllium Analysis Run 4/1/2022 5:06 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



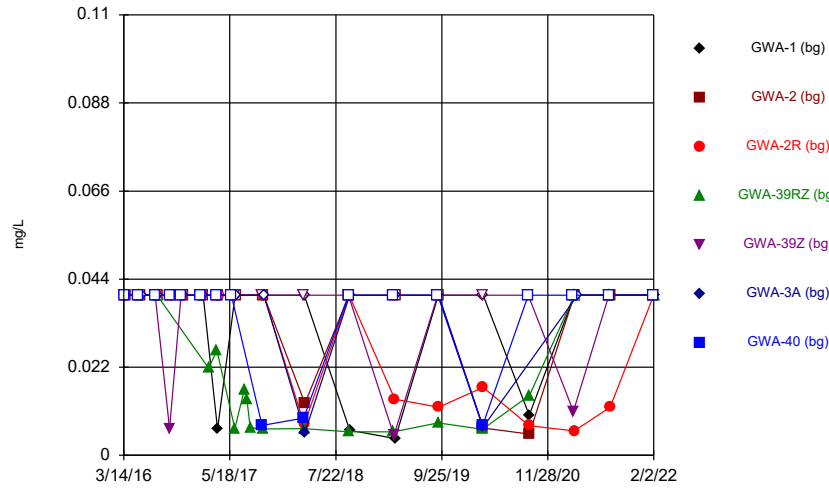
Constituent: Beryllium Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



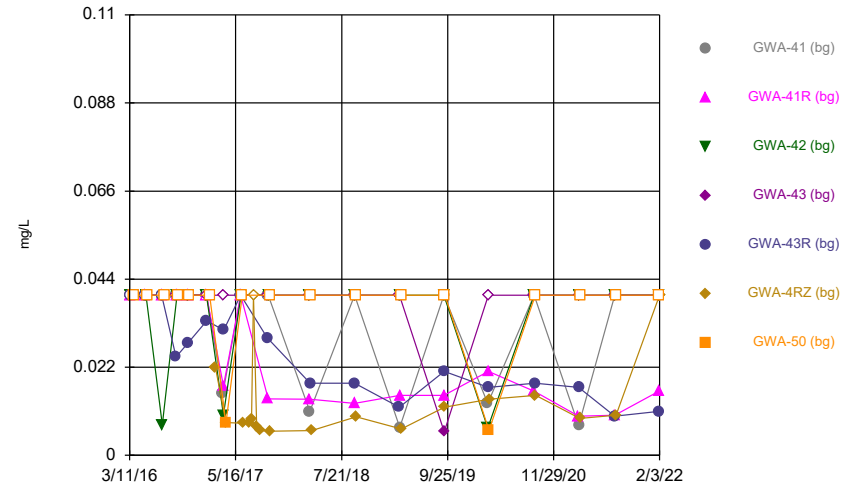
Constituent: Beryllium Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



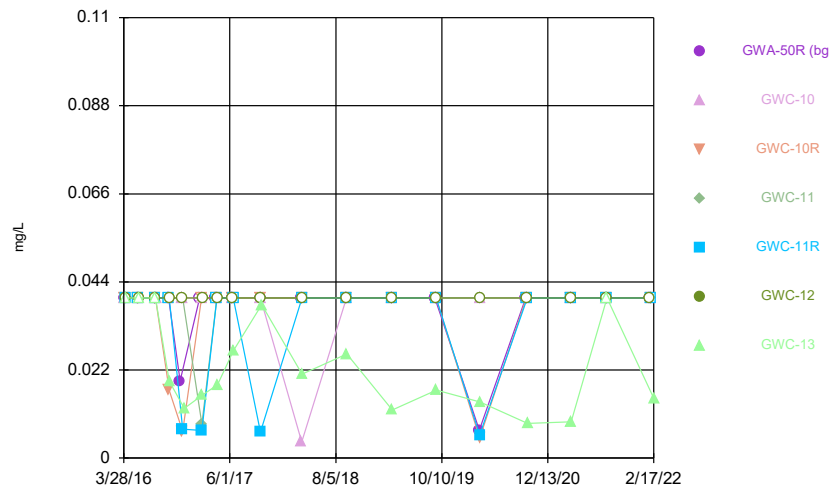
Constituent: Boron, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



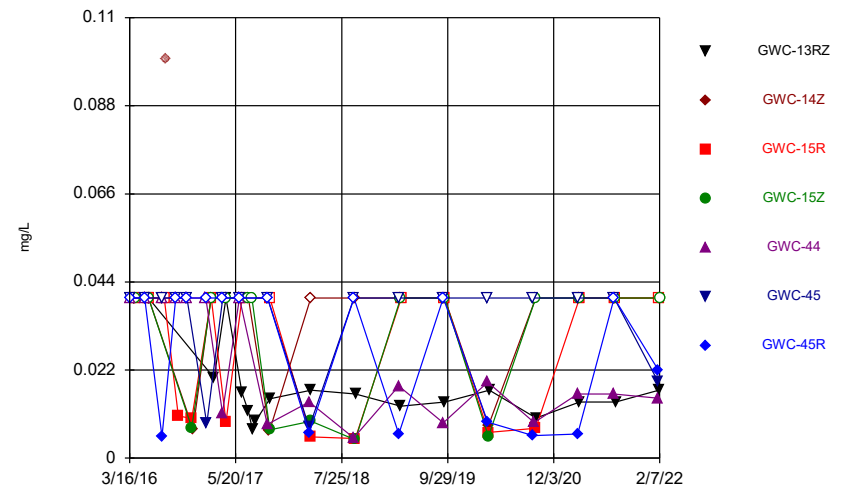
Constituent: Boron, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



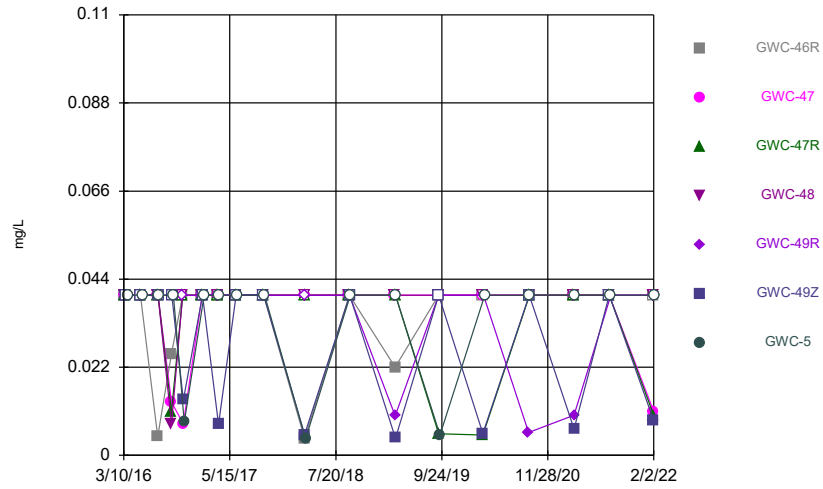
Constituent: Boron, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



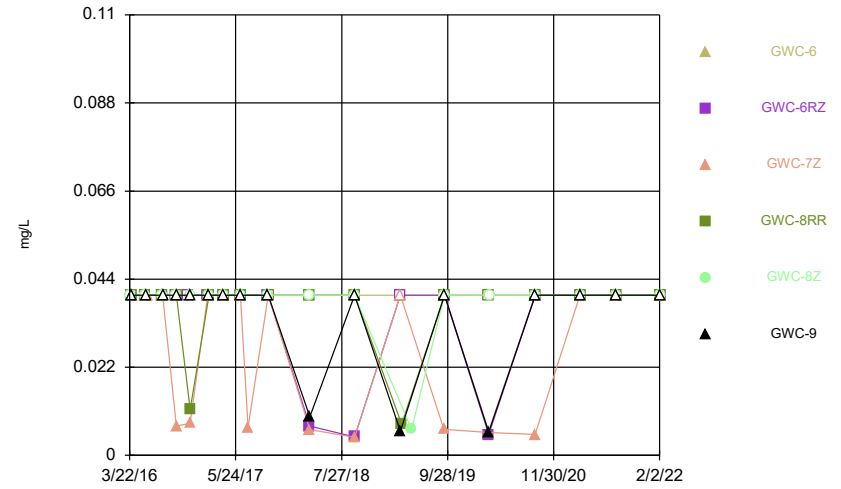
Constituent: Boron, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



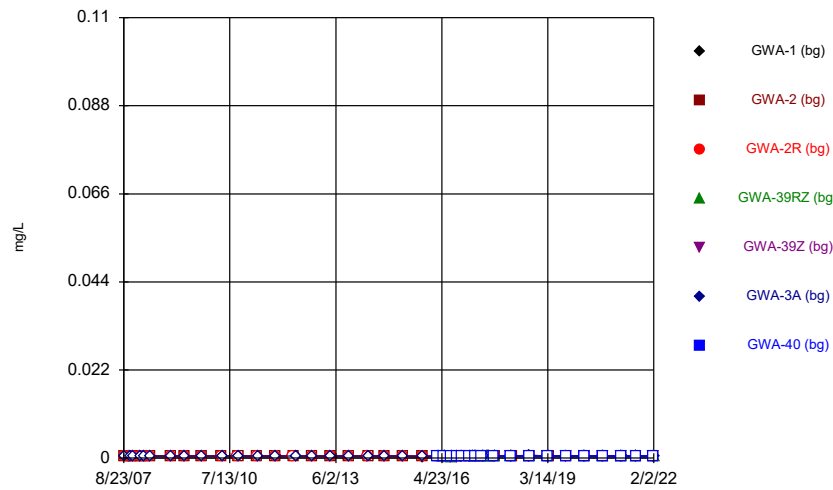
Constituent: Boron, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



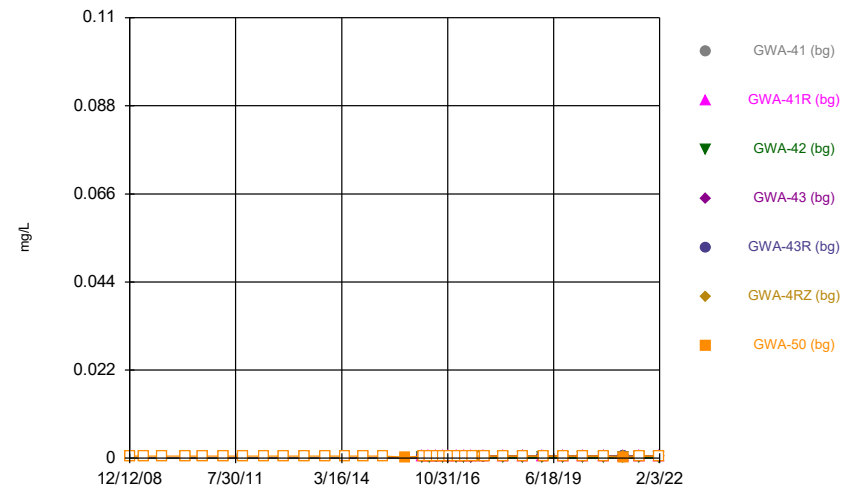
Constituent: Boron, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



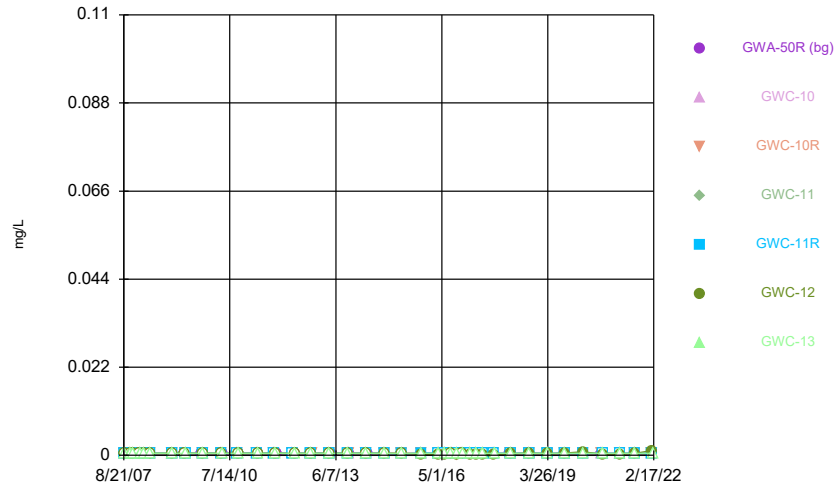
Constituent: Cadmium Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



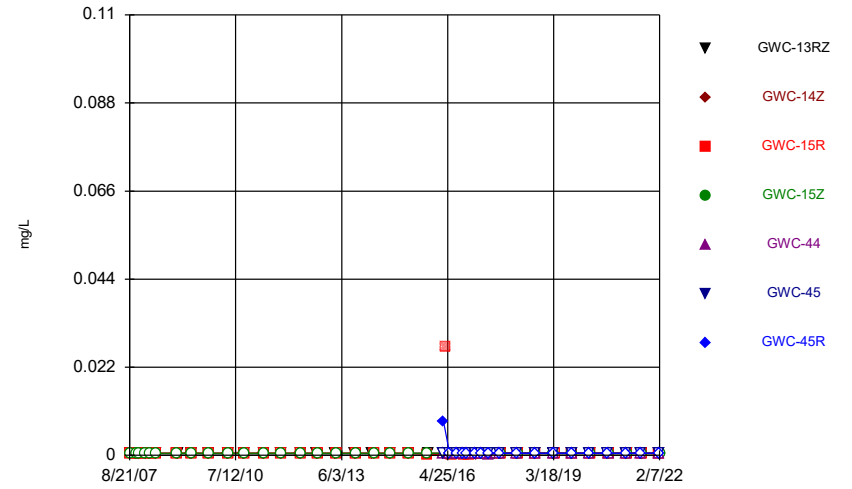
Constituent: Cadmium Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



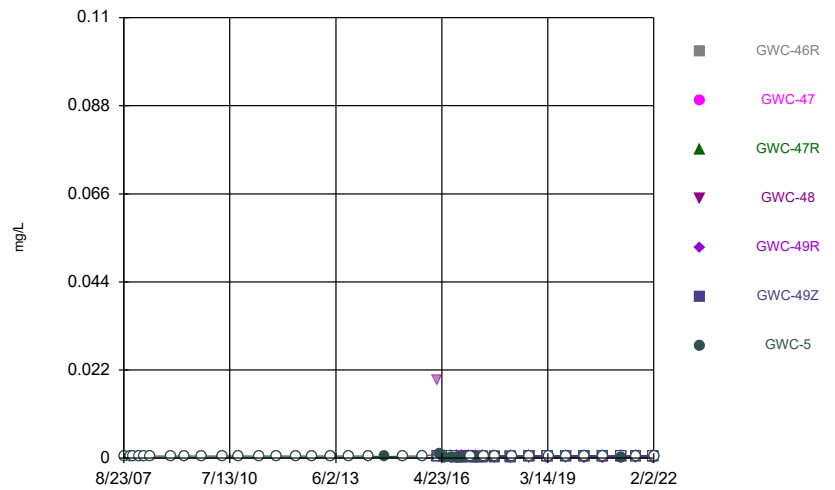
Constituent: Cadmium Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



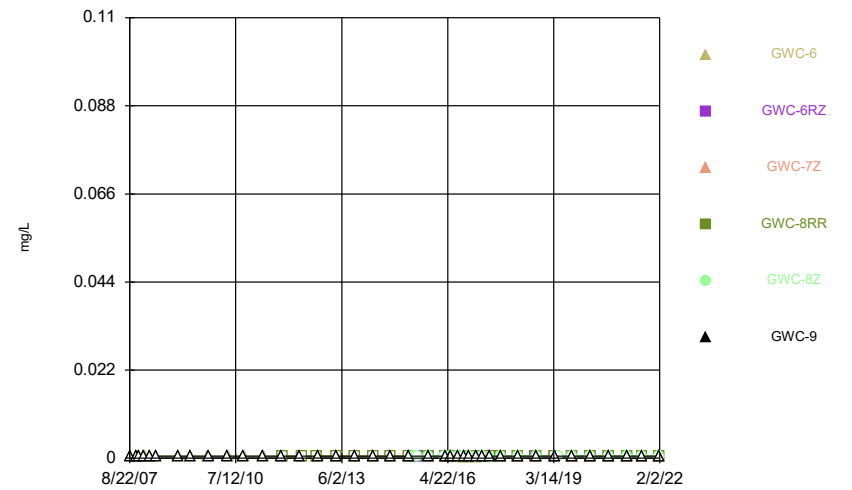
Constituent: Cadmium Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



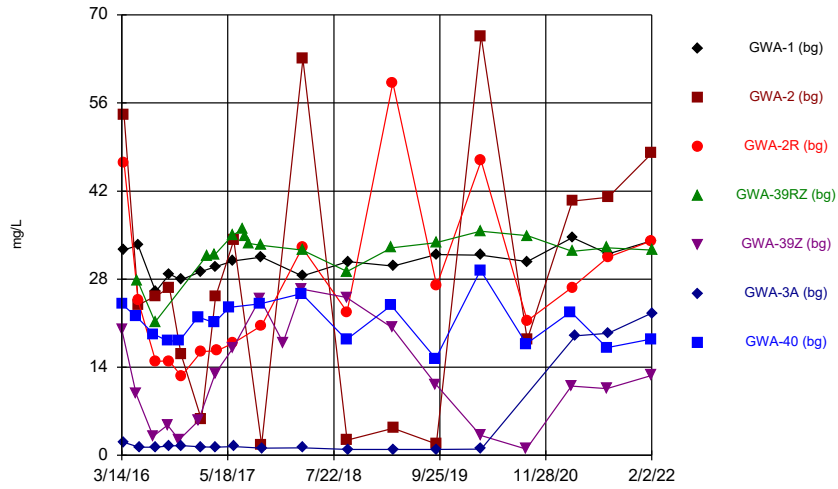
Constituent: Cadmium Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



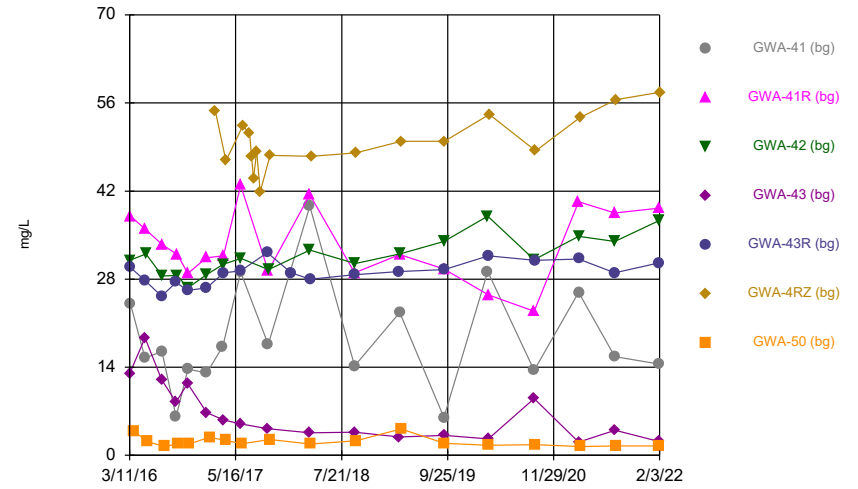
Constituent: Cadmium Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



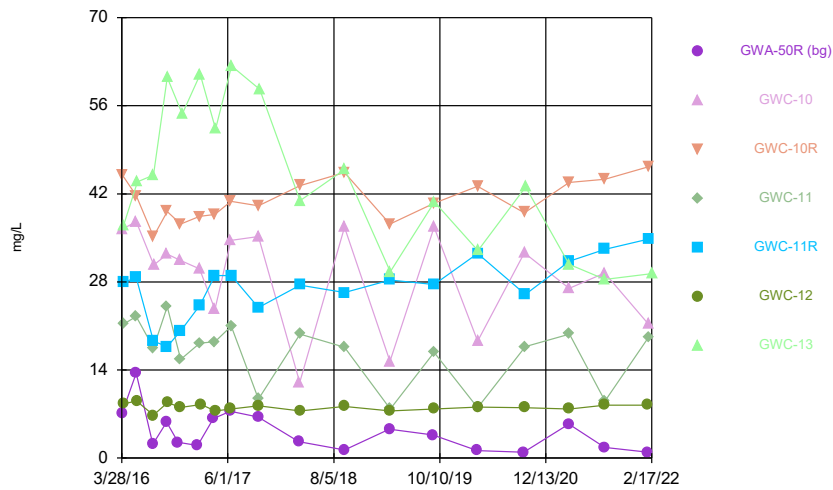
Constituent: Calcium, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



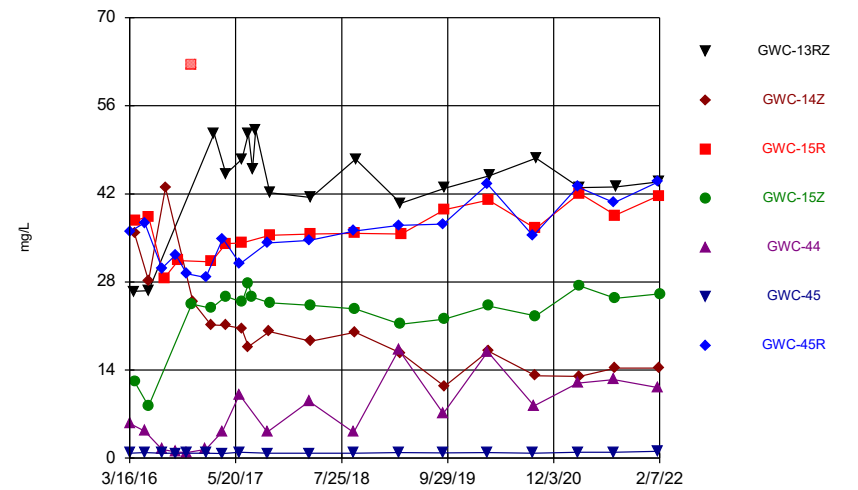
Constituent: Calcium, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



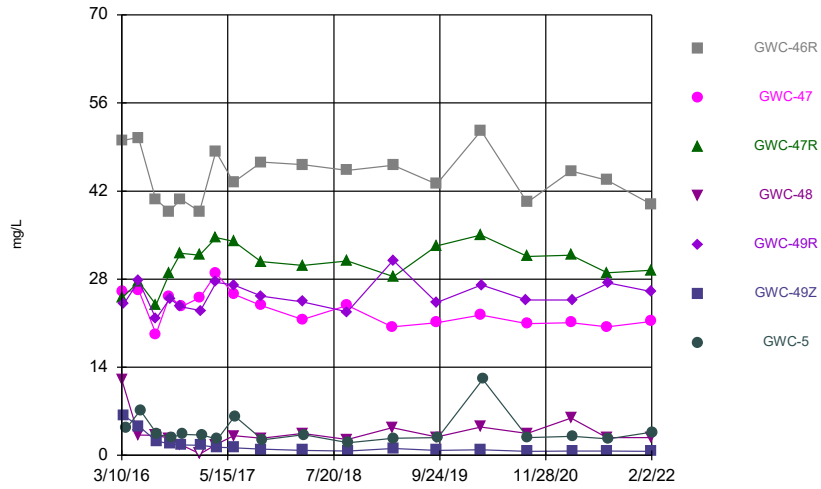
Constituent: Calcium, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



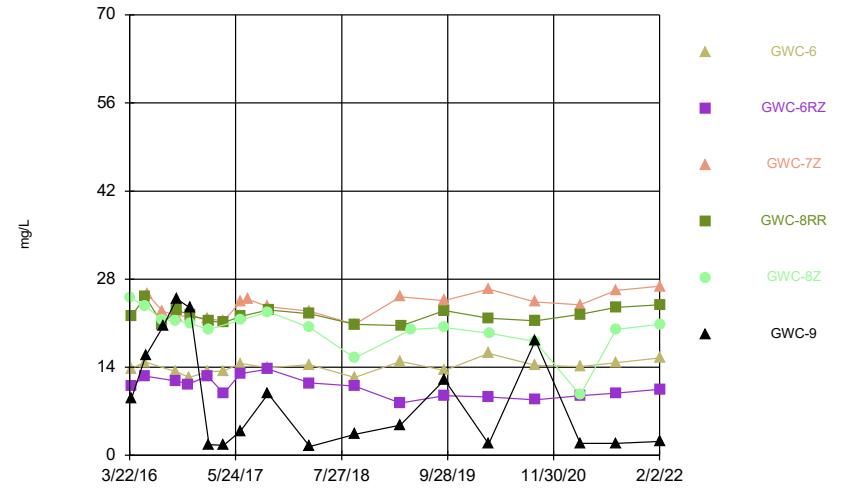
Constituent: Calcium, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



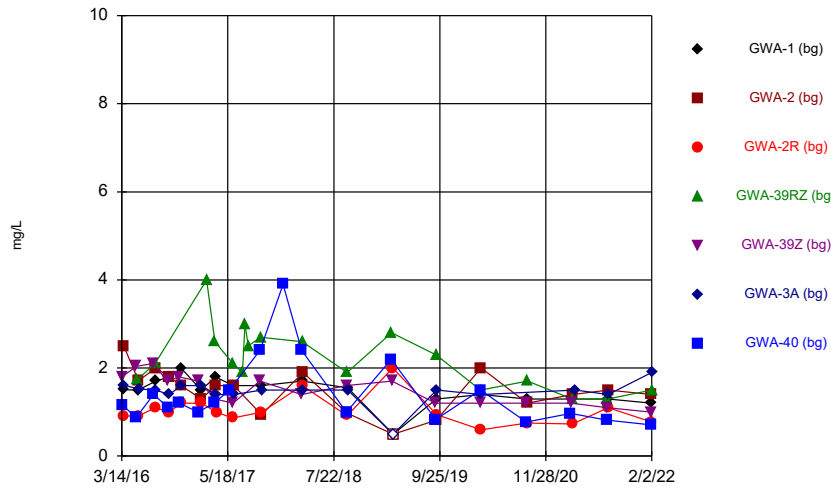
Constituent: Calcium, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



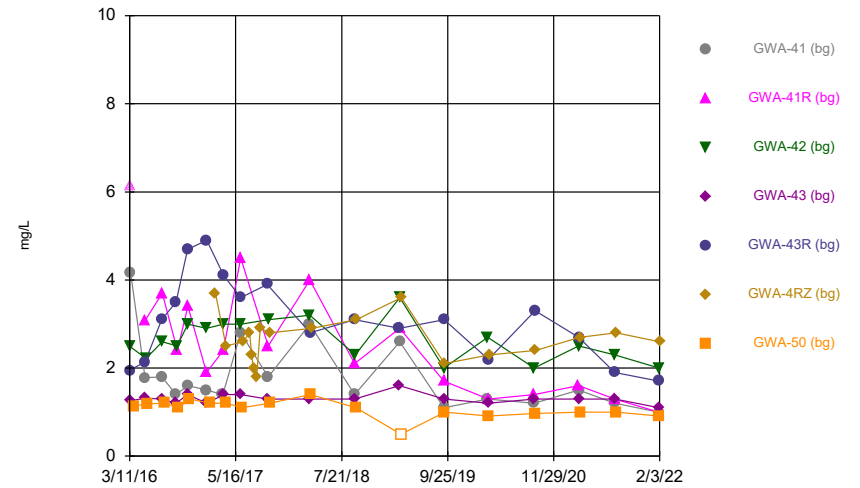
Constituent: Calcium, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



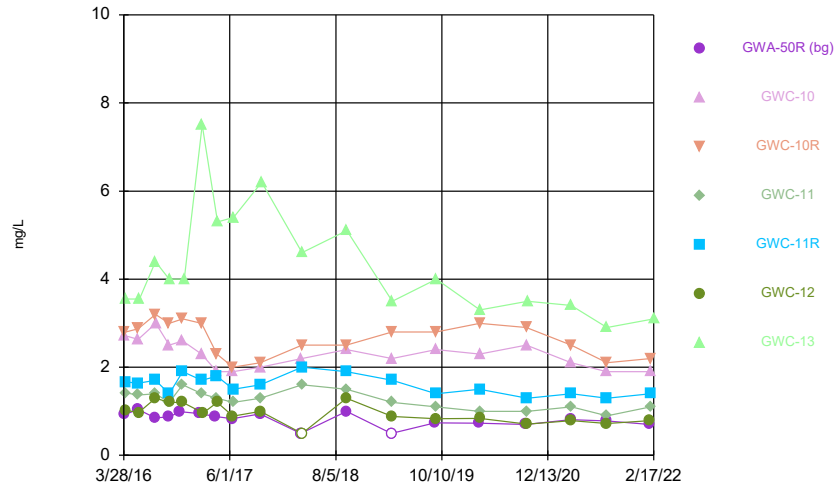
Constituent: Chloride, Total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



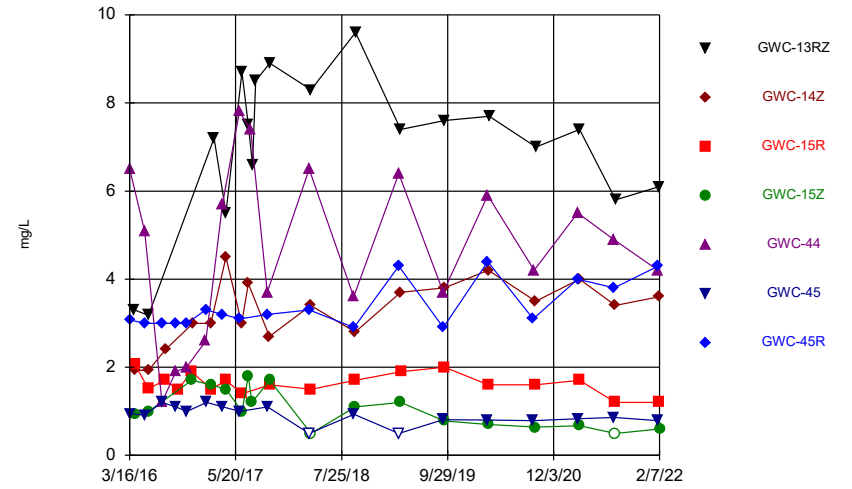
Constituent: Chloride, Total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



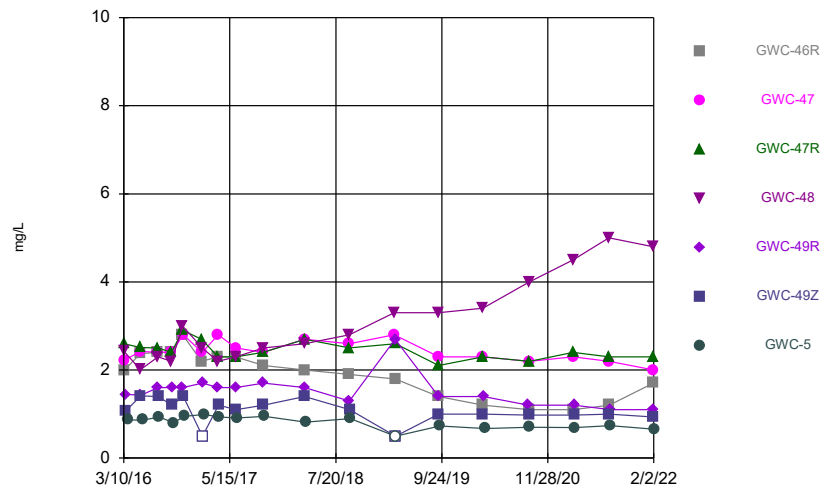
Constituent: Chloride, Total Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



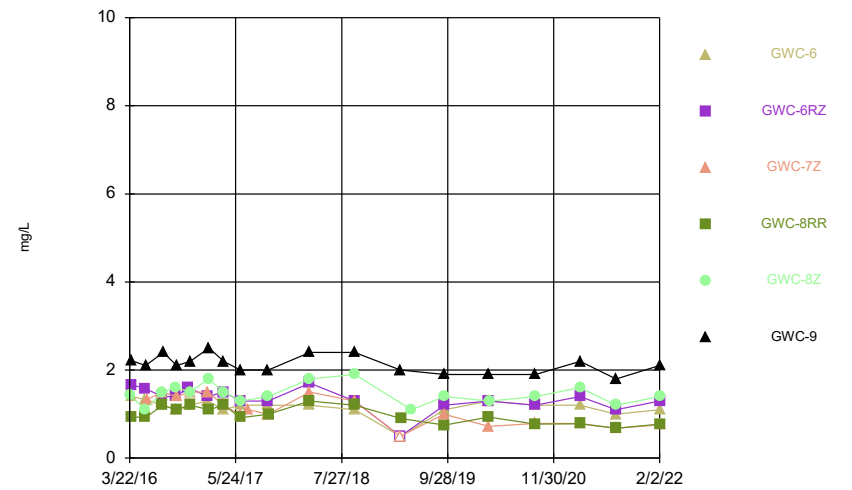
Constituent: Chloride, Total Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



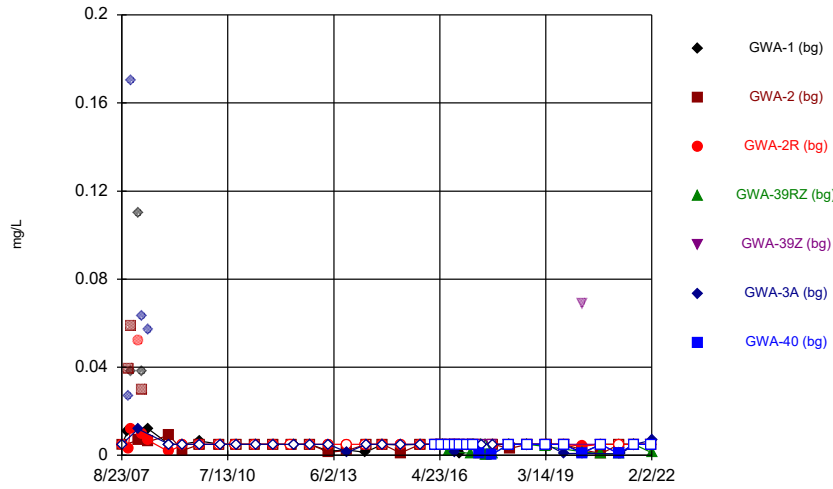
Constituent: Chloride, Total Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



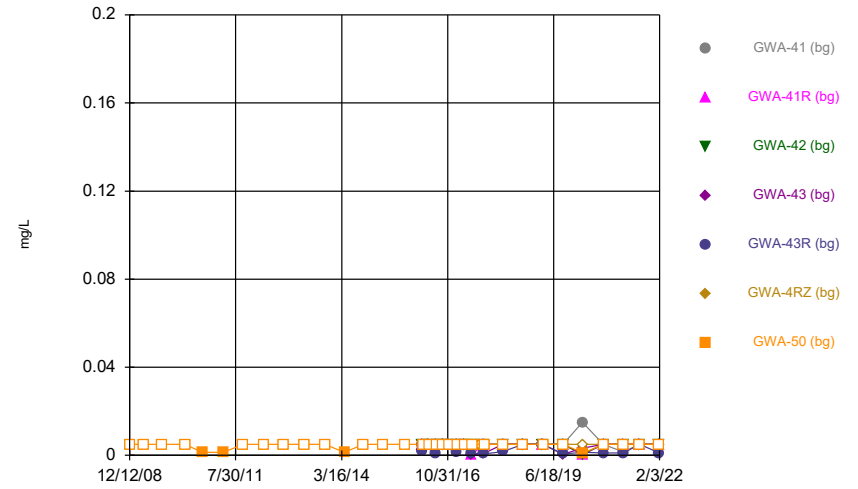
Constituent: Chloride, Total Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



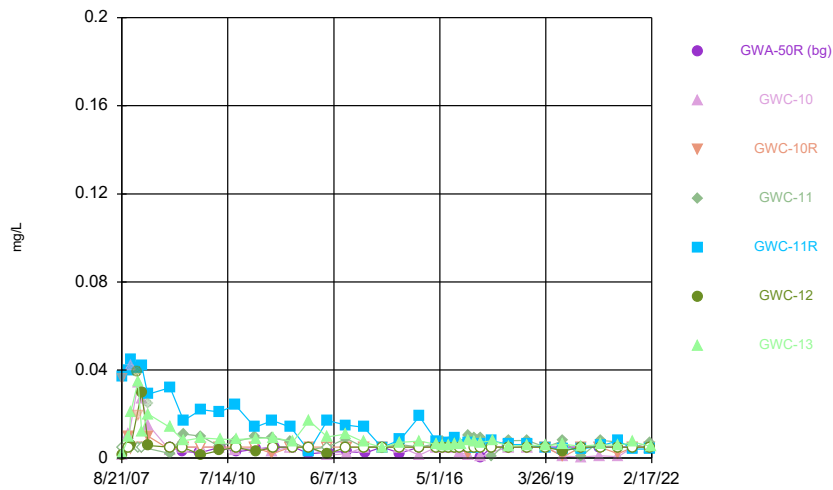
Constituent: Chromium Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



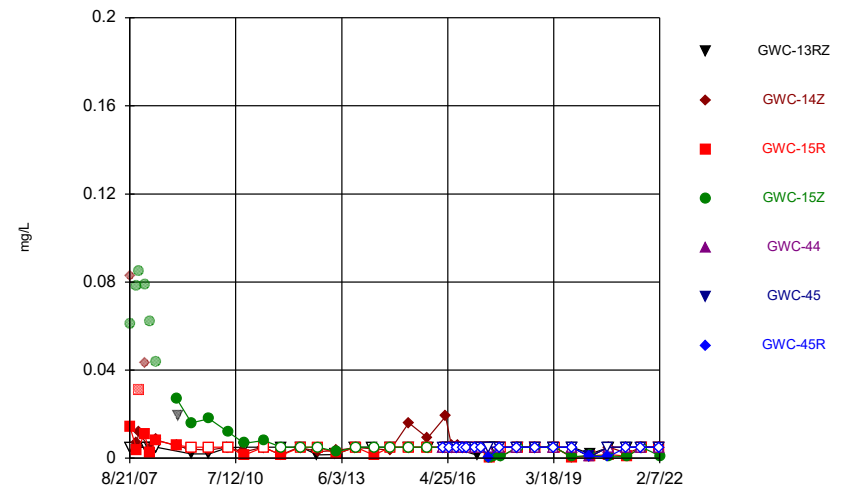
Constituent: Chromium Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



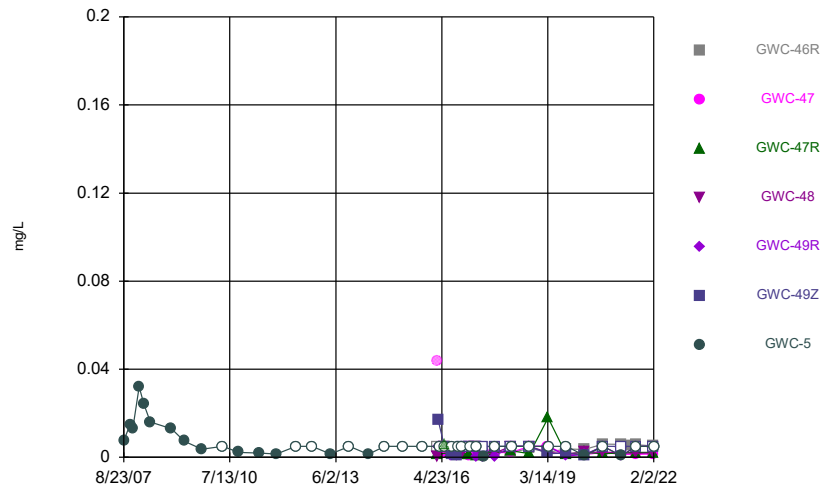
Constituent: Chromium Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



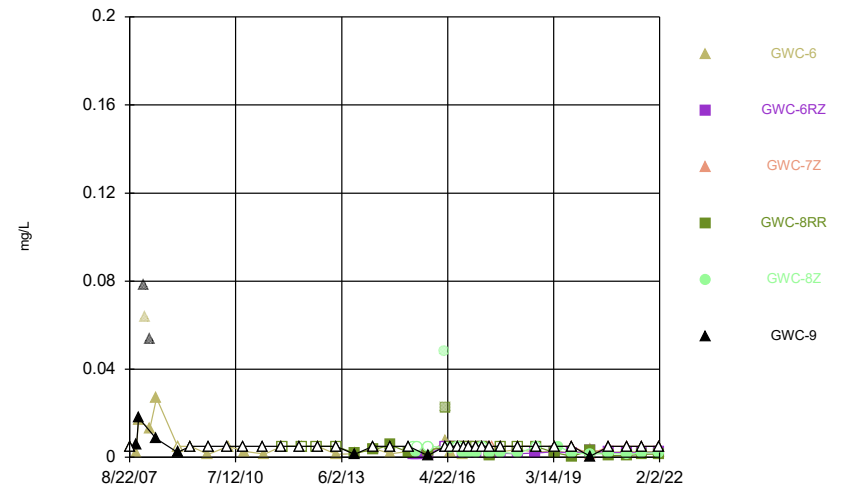
Constituent: Chromium Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



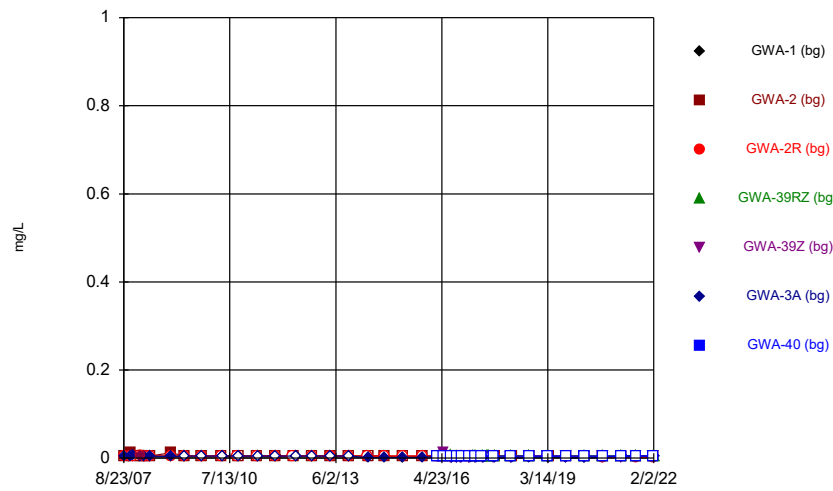
Constituent: Chromium Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



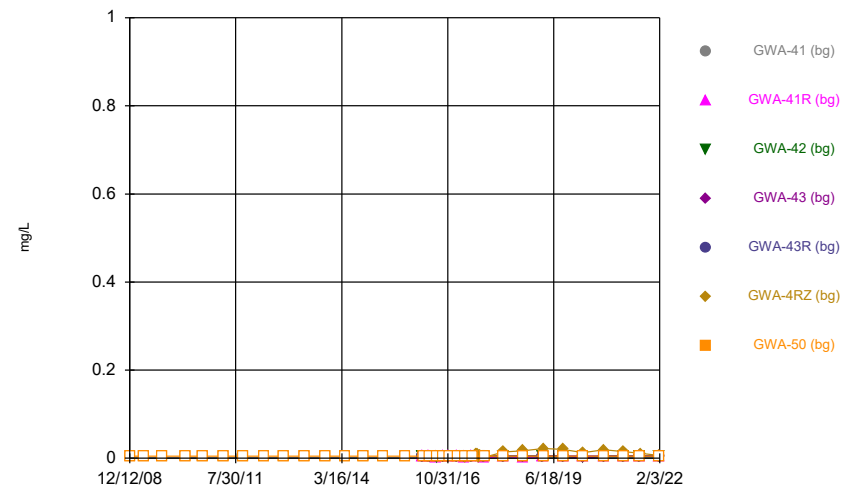
Constituent: Chromium Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



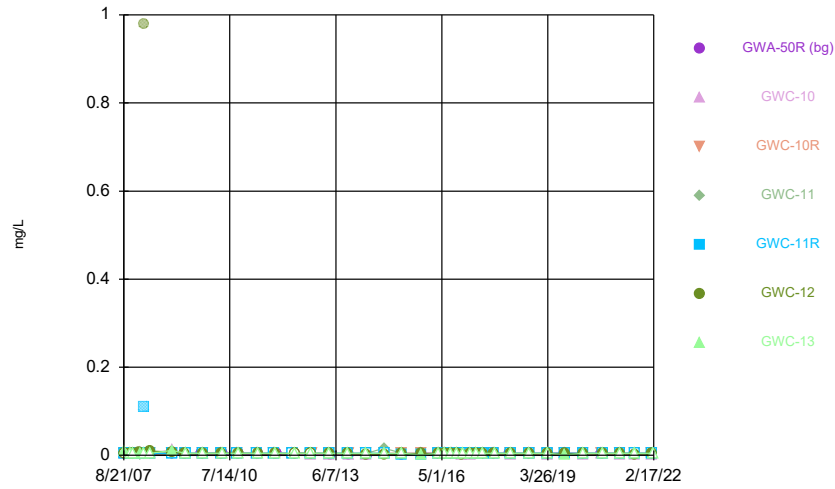
Constituent: Cobalt Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



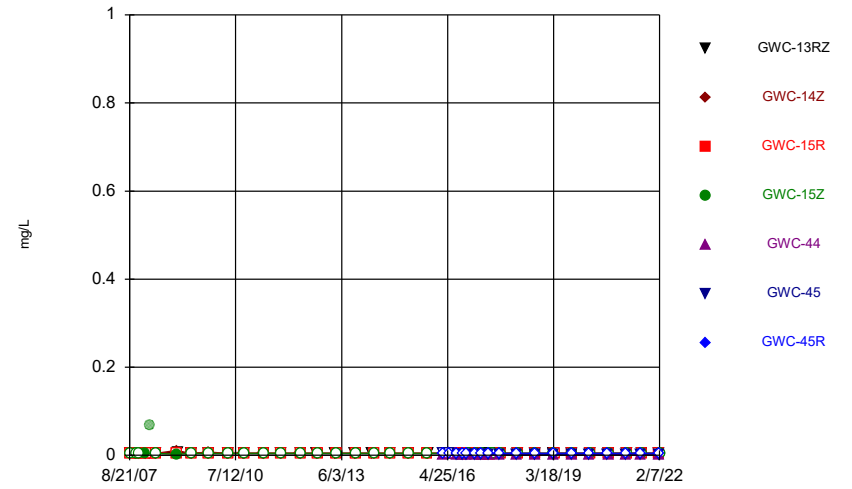
Constituent: Cobalt Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



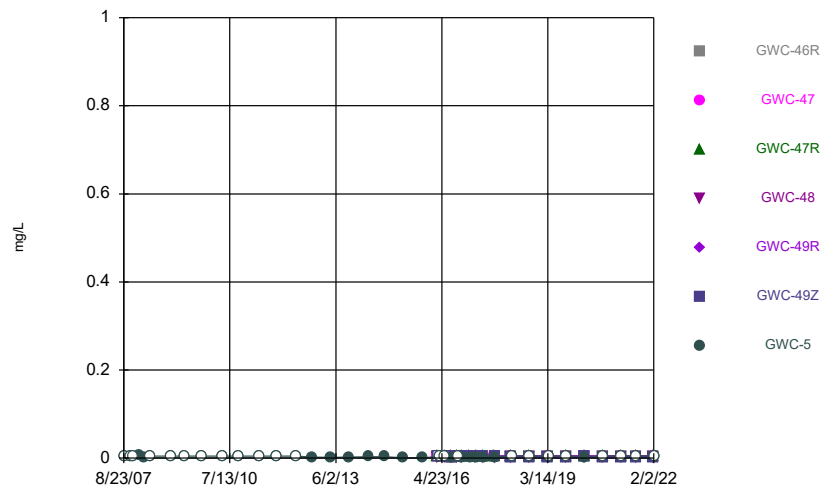
Constituent: Cobalt Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



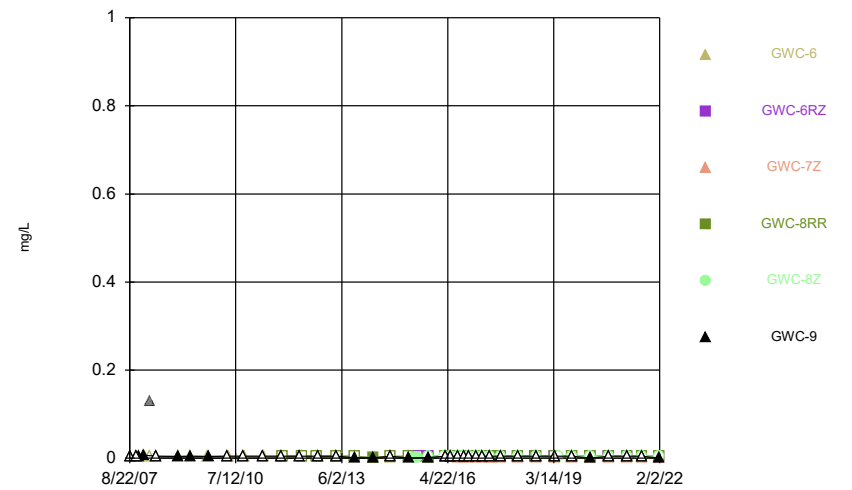
Constituent: Cobalt Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



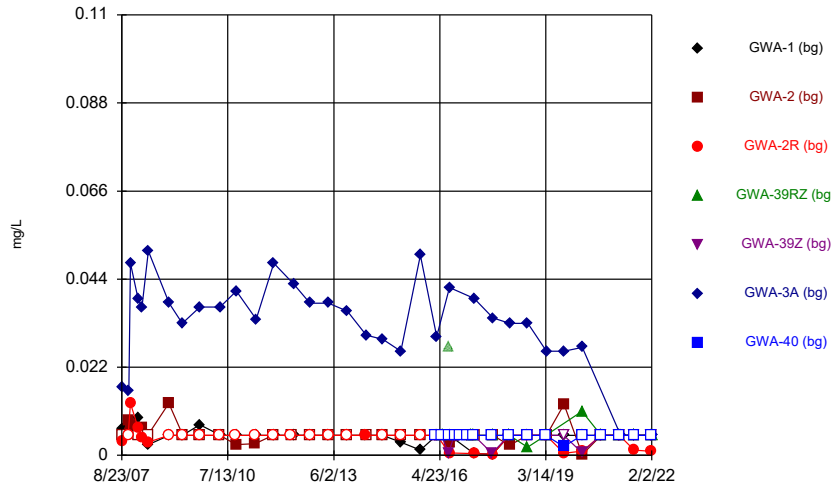
Constituent: Cobalt Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



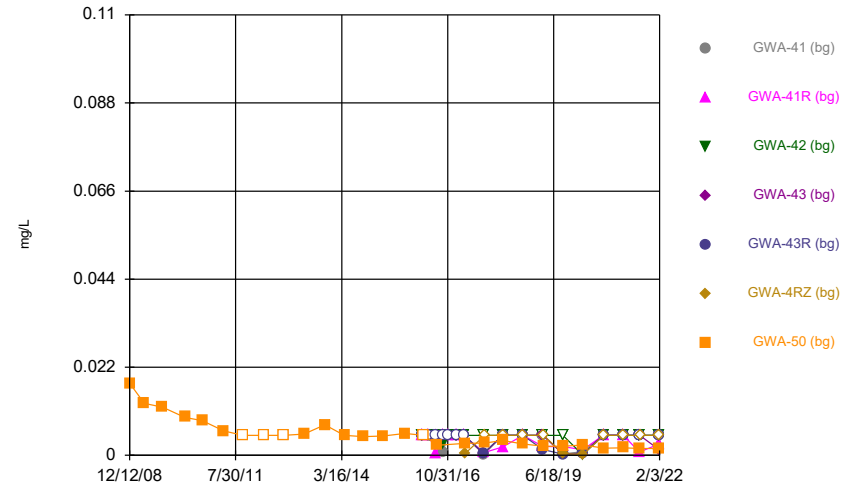
Constituent: Cobalt Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



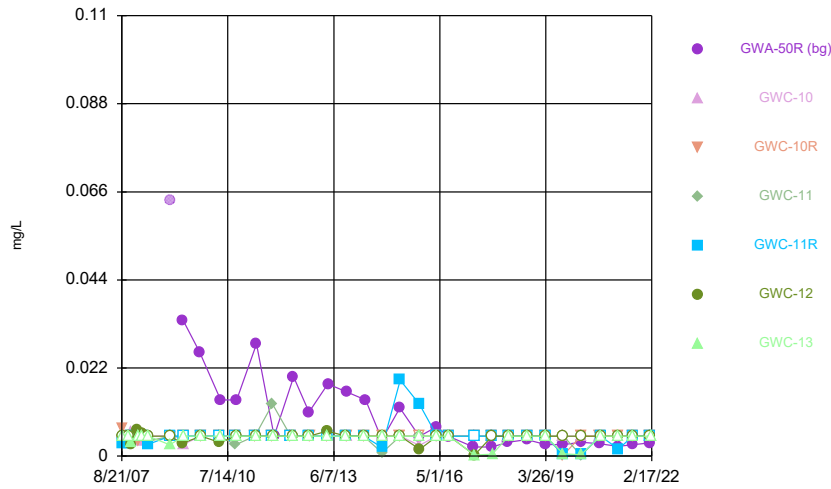
Constituent: Copper Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



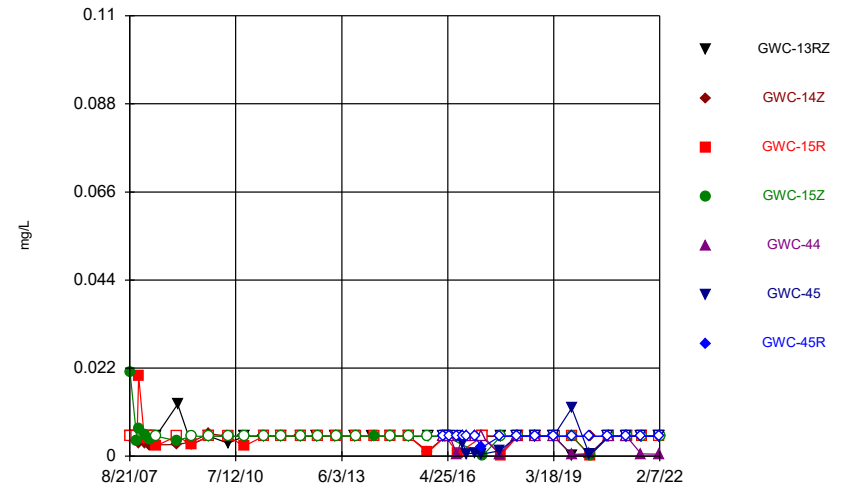
Constituent: Copper Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



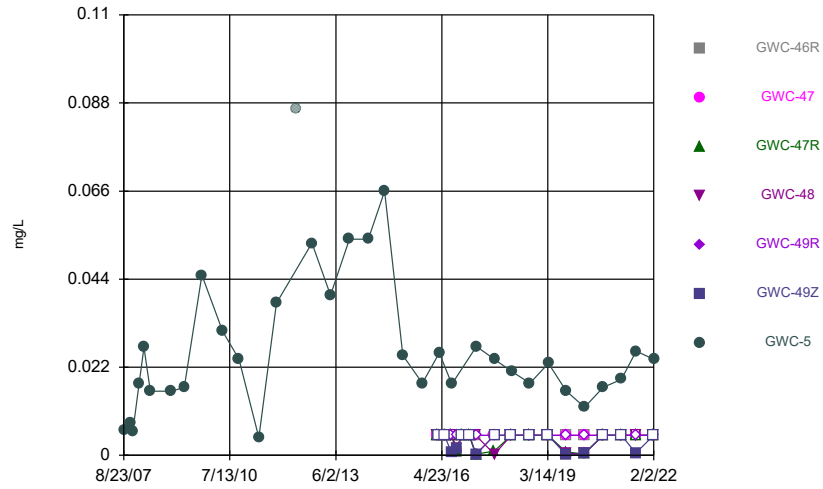
Constituent: Copper Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



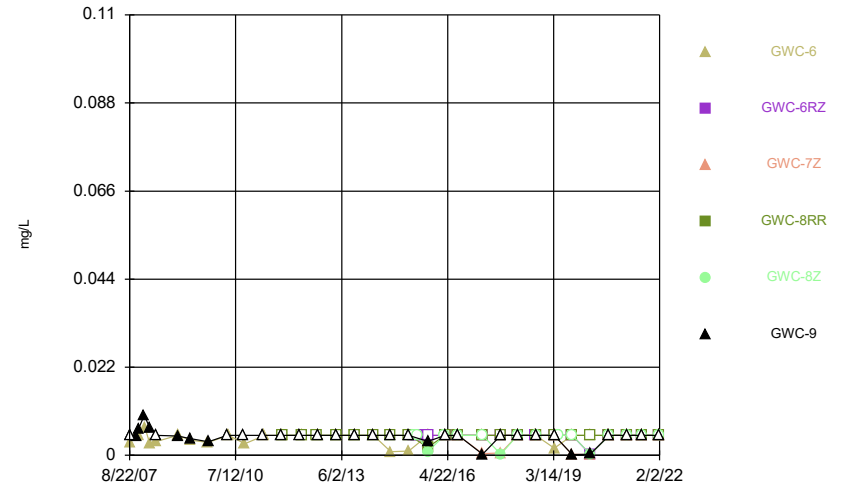
Constituent: Copper Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



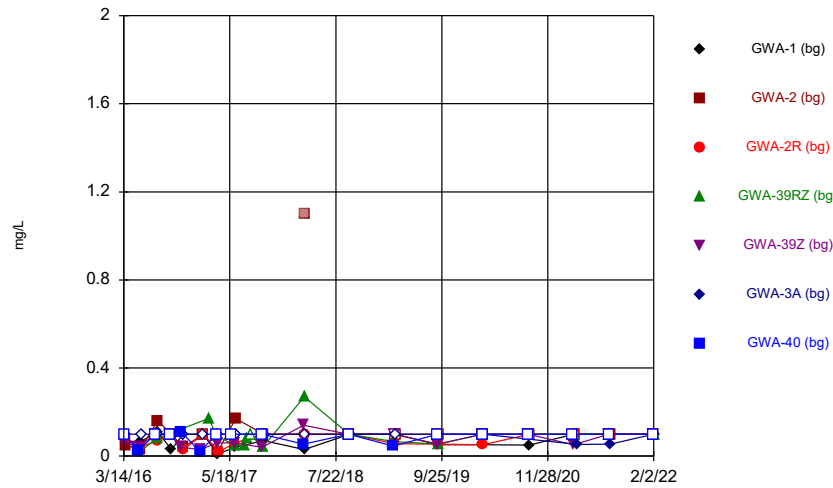
Constituent: Copper Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



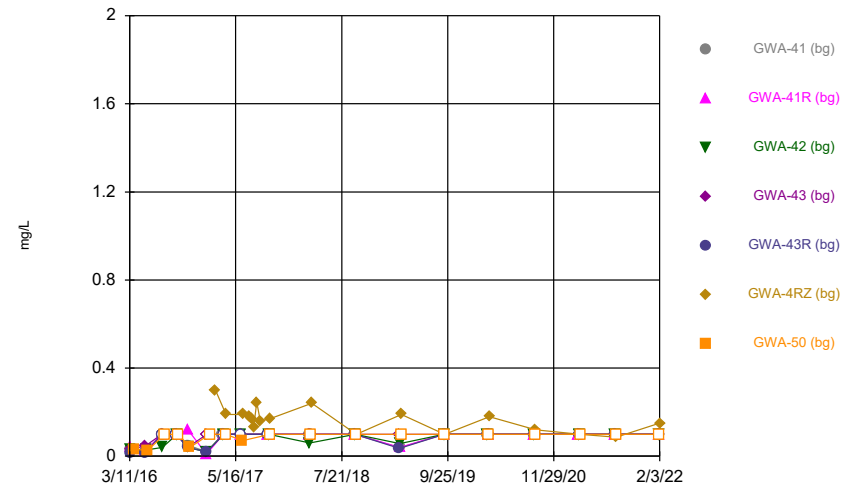
Constituent: Copper Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



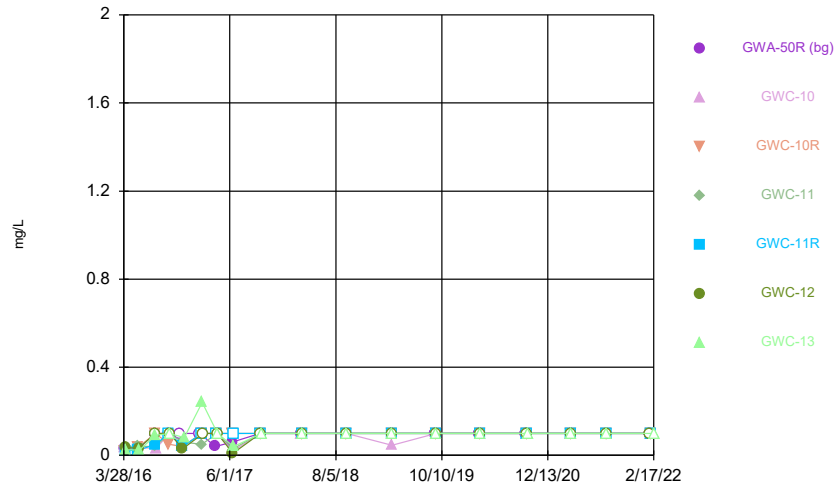
Constituent: Fluoride, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



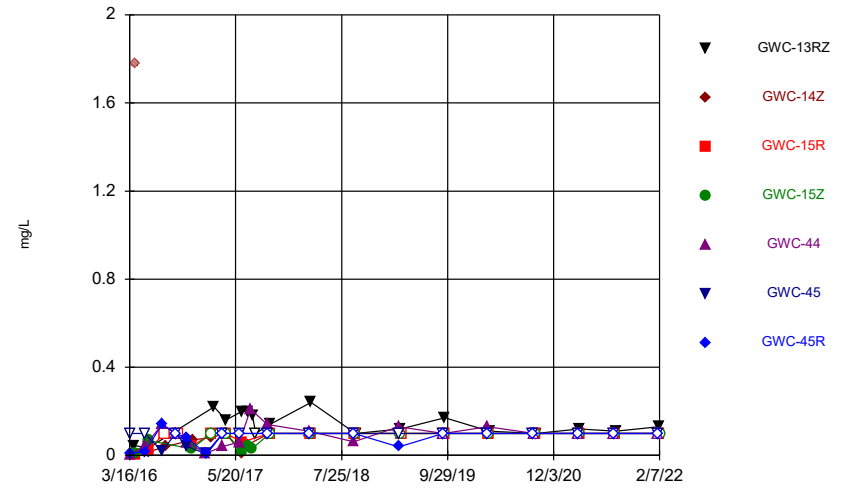
Constituent: Fluoride, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



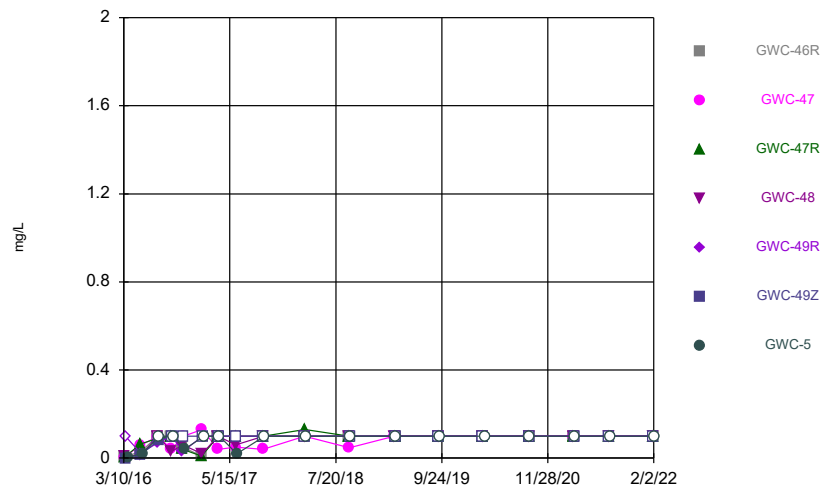
Constituent: Fluoride, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



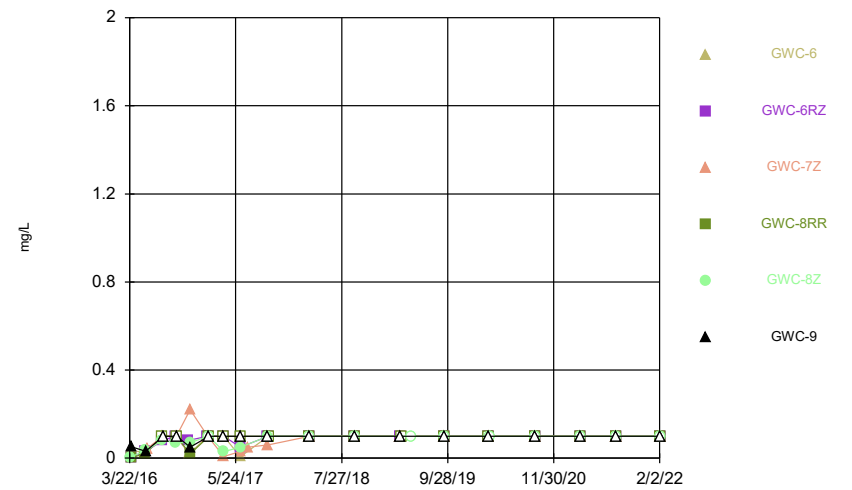
Constituent: Fluoride, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



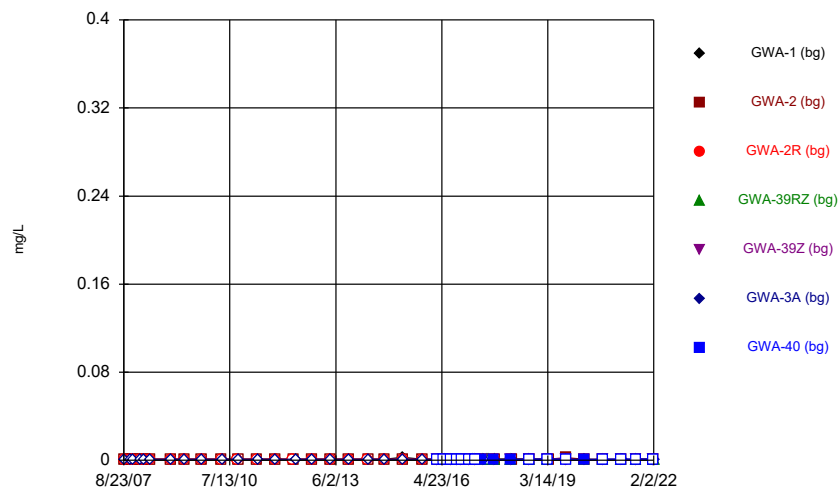
Constituent: Fluoride, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



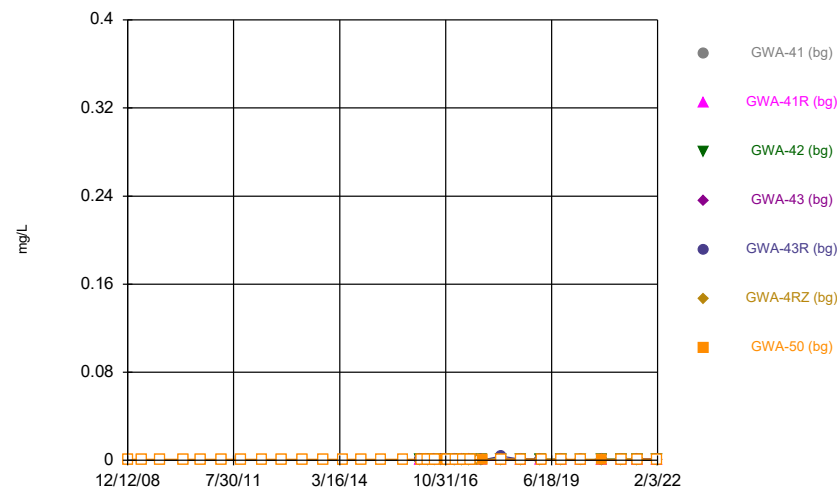
Constituent: Fluoride, total Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



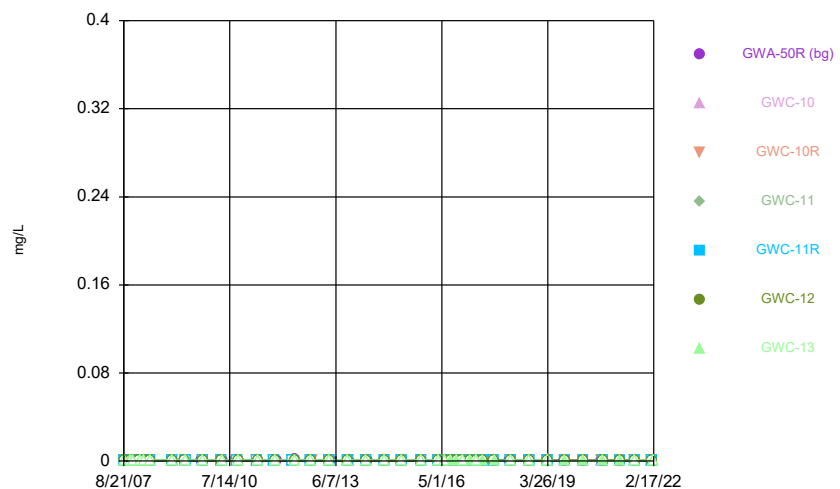
Constituent: Lead Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



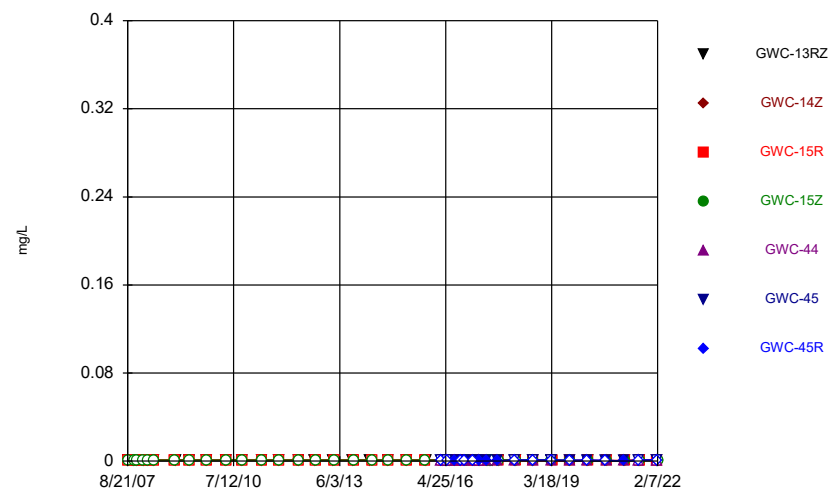
Constituent: Lead Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



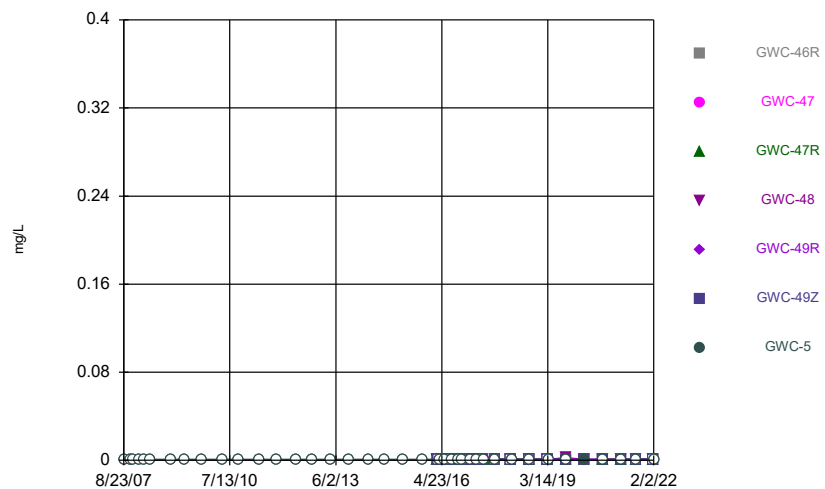
Constituent: Lead Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



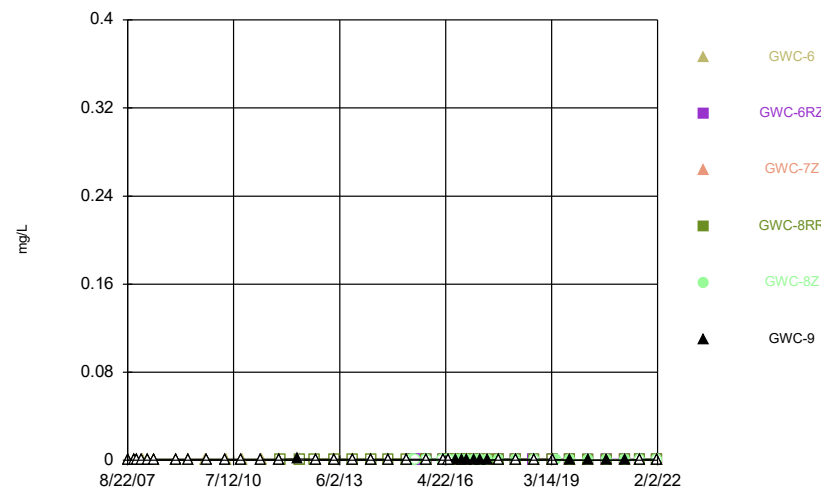
Constituent: Lead Analysis Run 4/1/2022 5:07 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



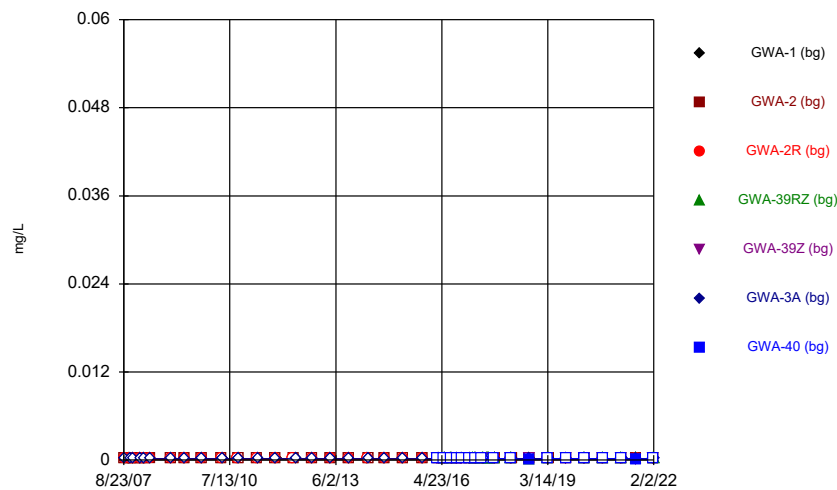
Constituent: Lead Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



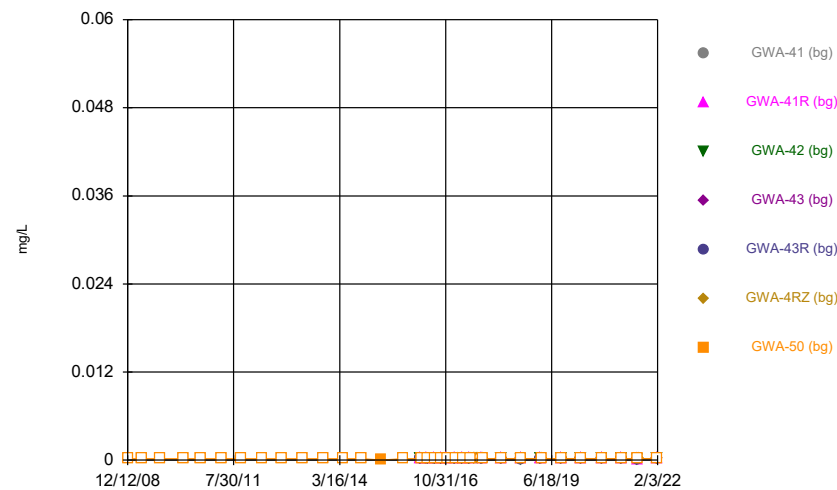
Constituent: Lead Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



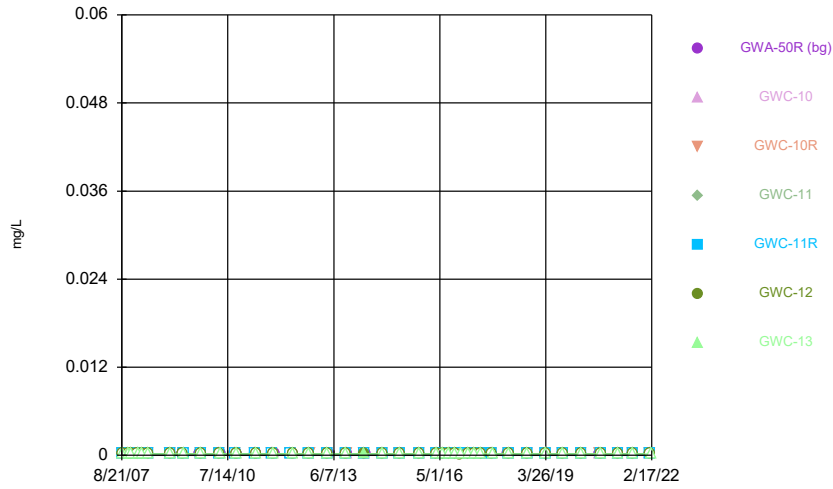
Constituent: Mercury Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



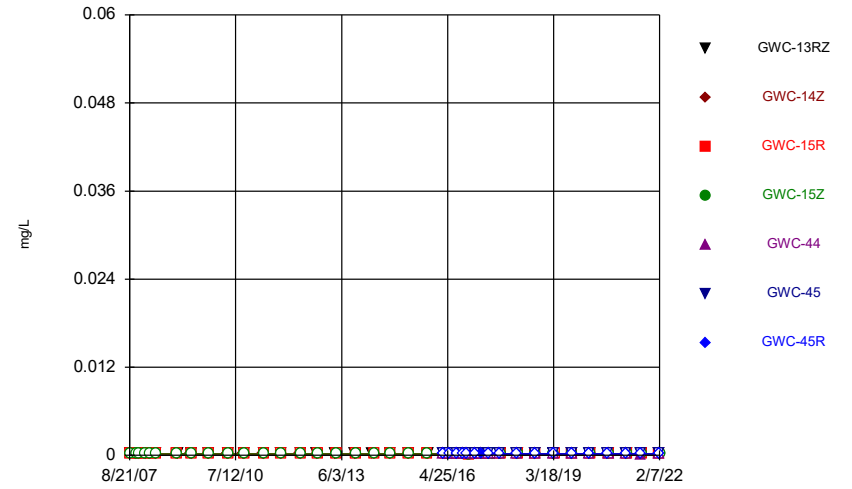
Constituent: Mercury Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



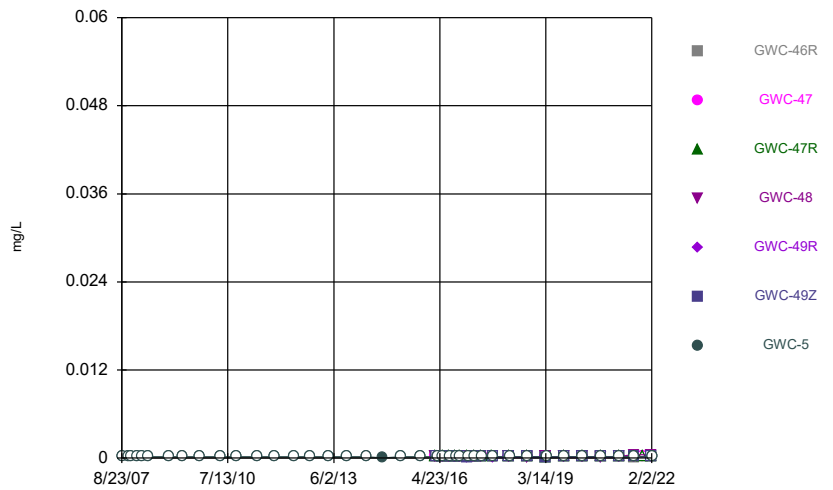
Constituent: Mercury Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



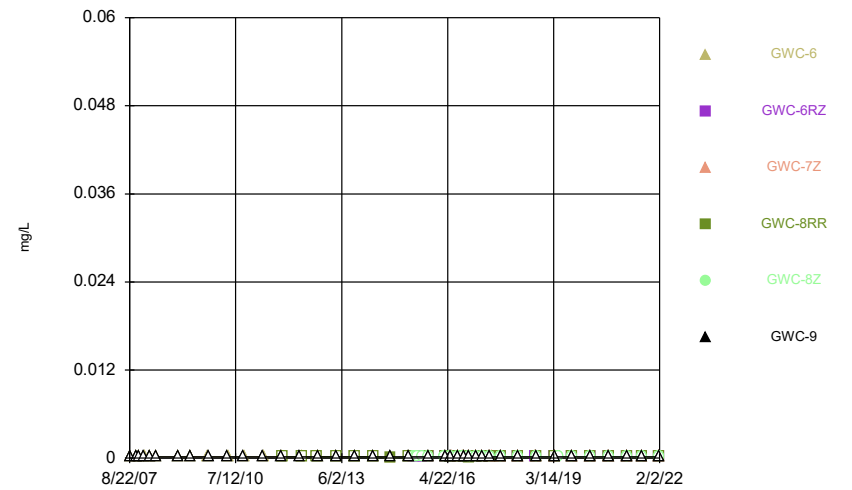
Constituent: Mercury Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



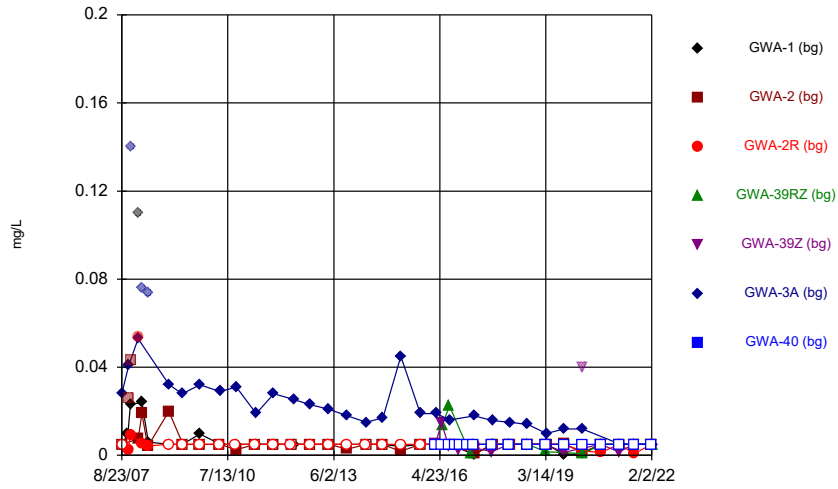
Constituent: Mercury Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



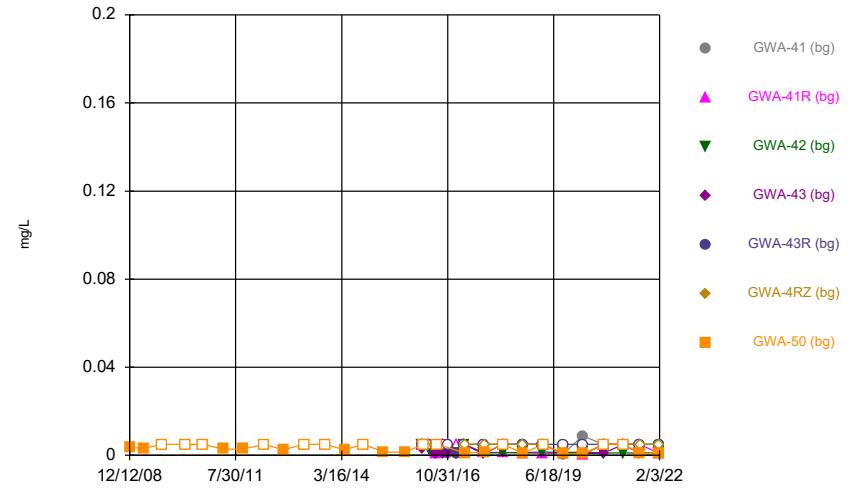
Constituent: Mercury Analysis Run 4/1/2022 5:07 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



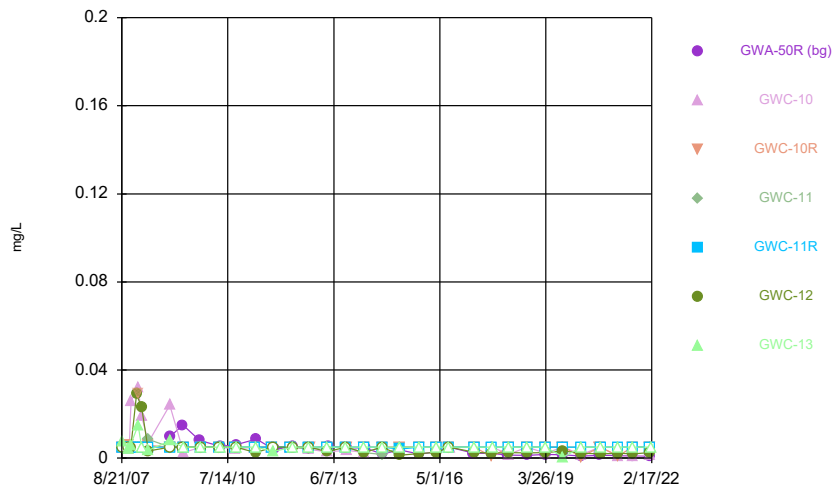
Constituent: Nickel Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



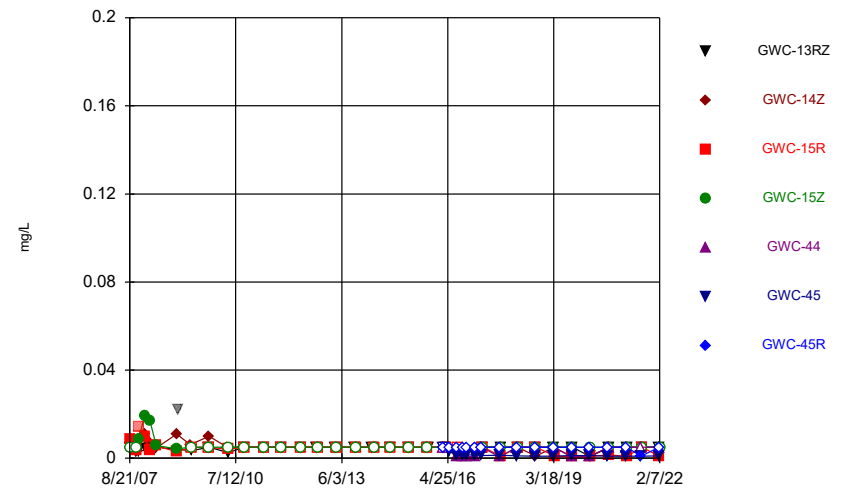
Constituent: Nickel Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



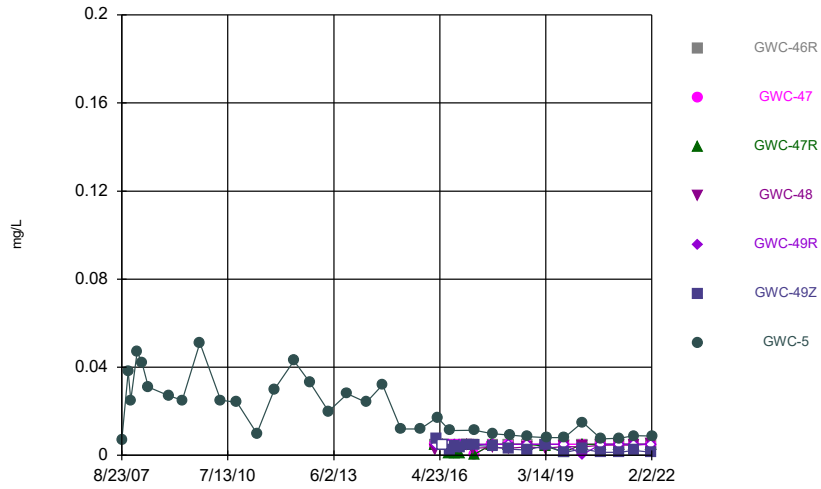
Constituent: Nickel Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



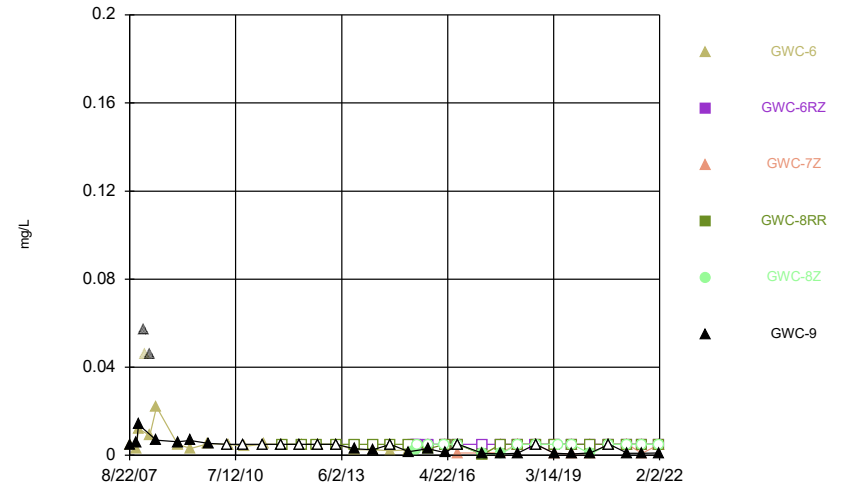
Constituent: Nickel Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



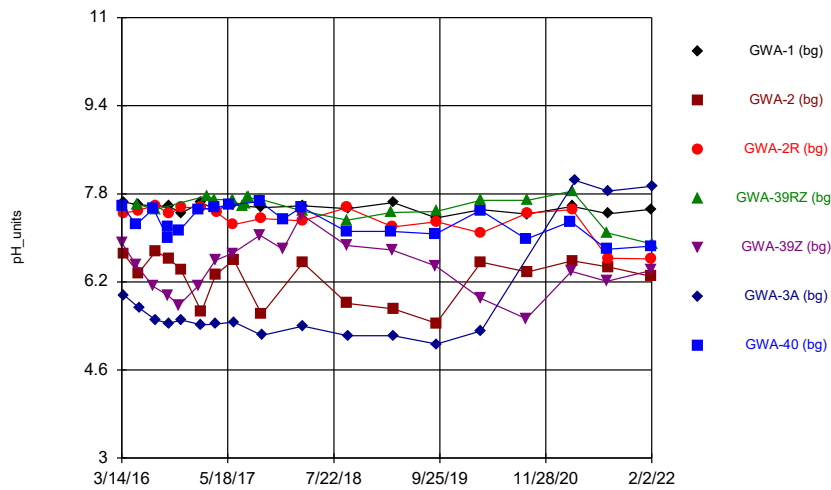
Constituent: Nickel Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



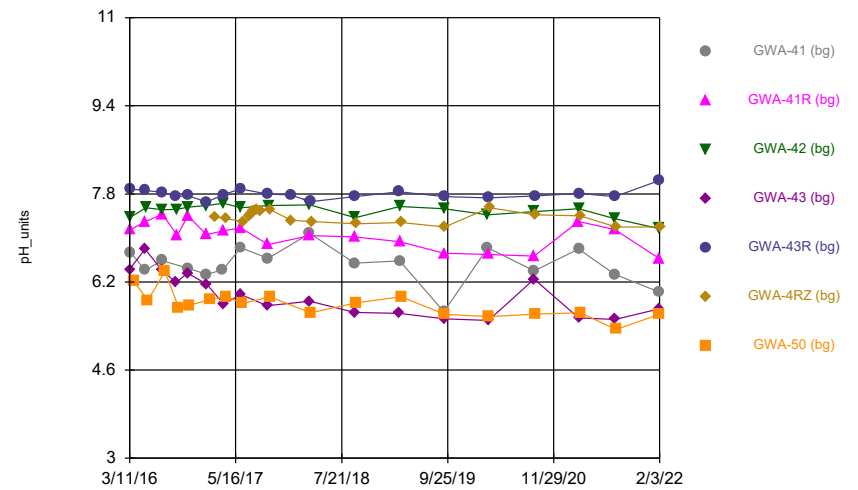
Constituent: Nickel Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



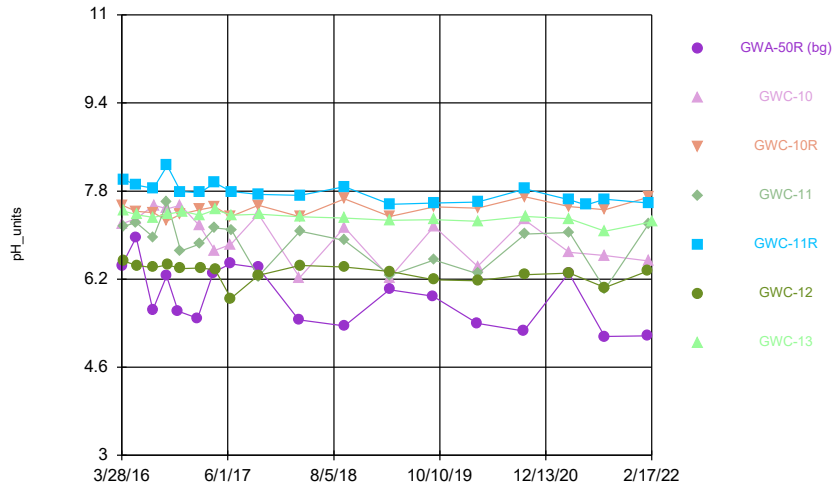
Constituent: pH Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



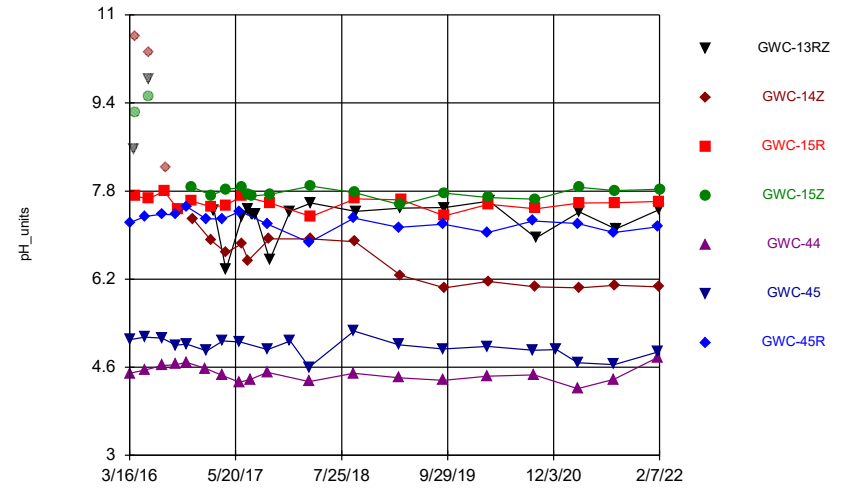
Constituent: pH Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



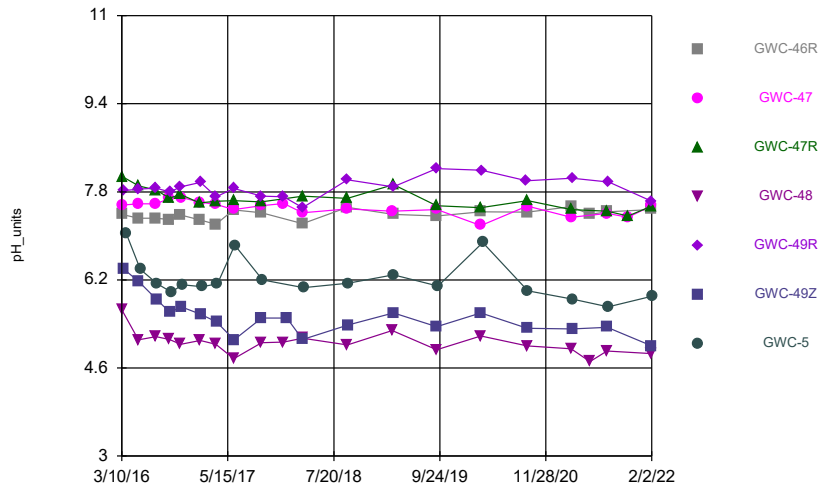
Constituent: pH Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



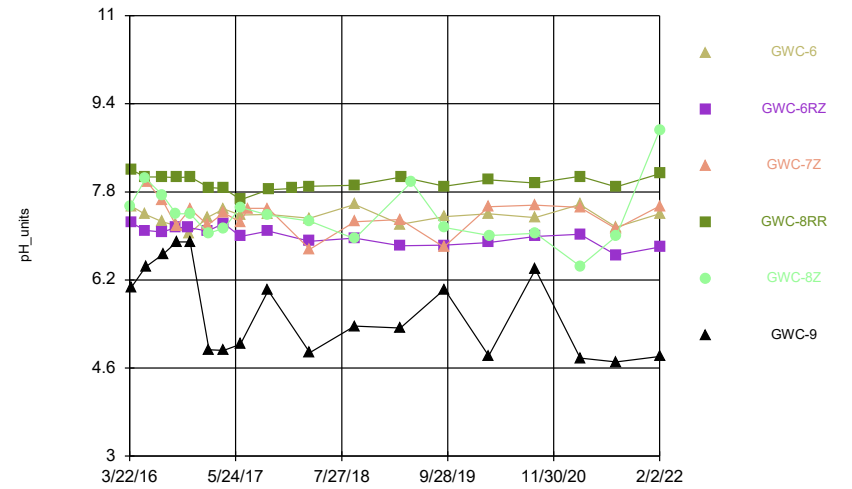
Constituent: pH Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



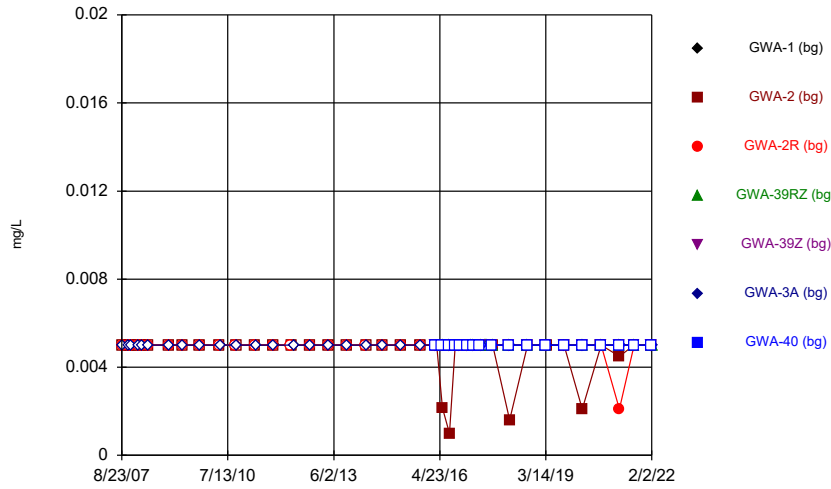
Constituent: pH Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



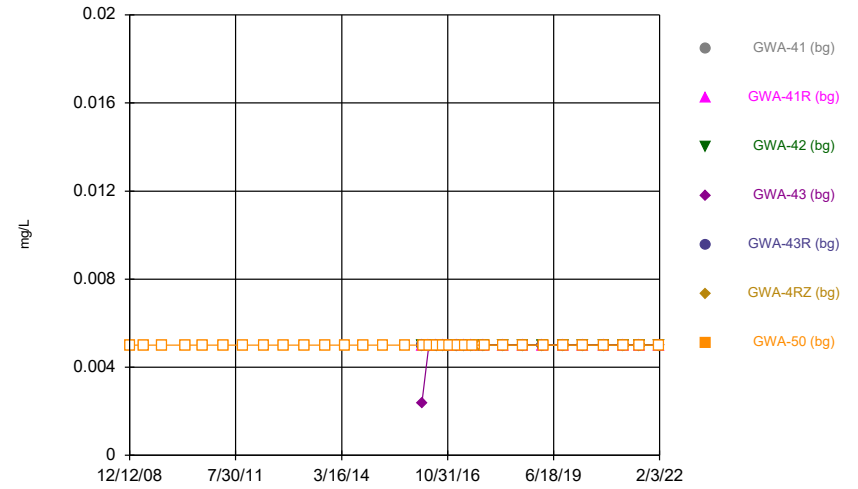
Constituent: pH Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



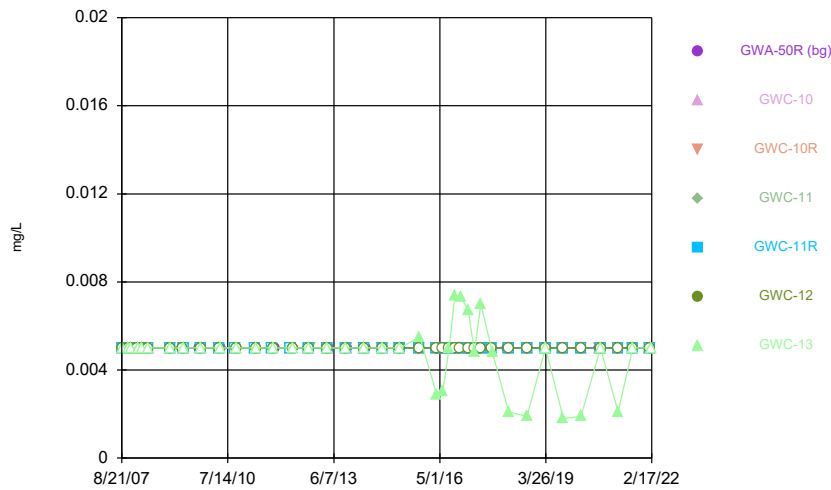
Constituent: Seleniun Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



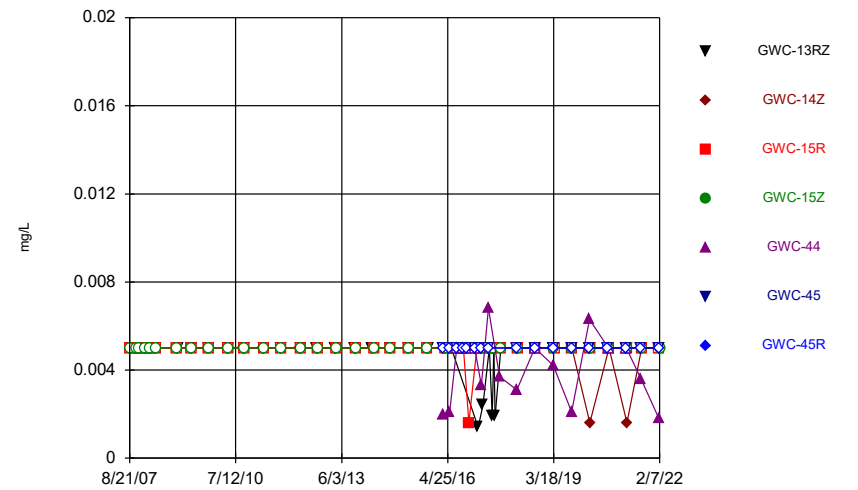
Constituent: Seleniun Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



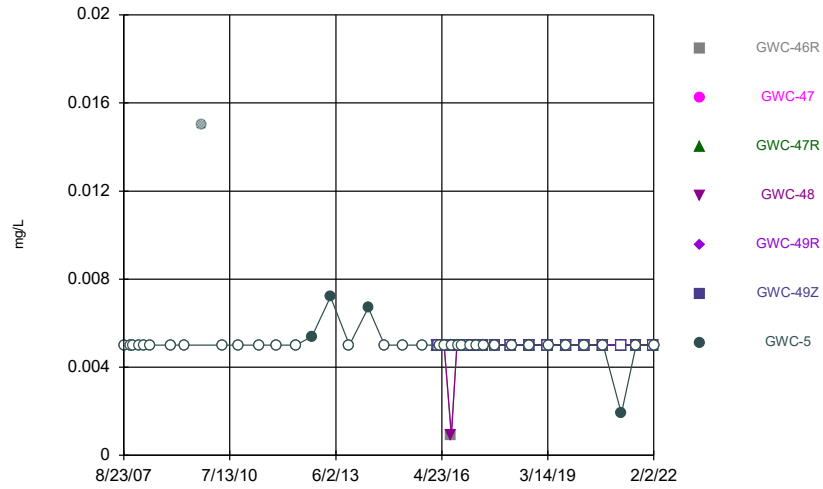
Constituent: Seleniun Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



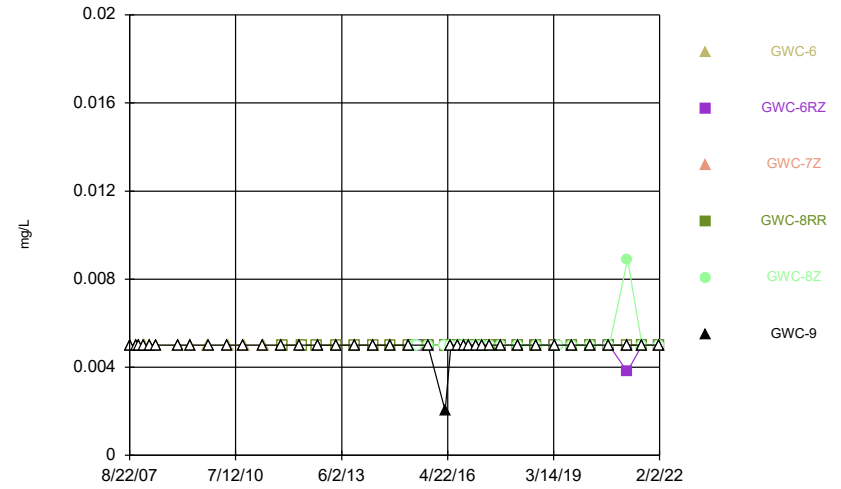
Constituent: Seleniun Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



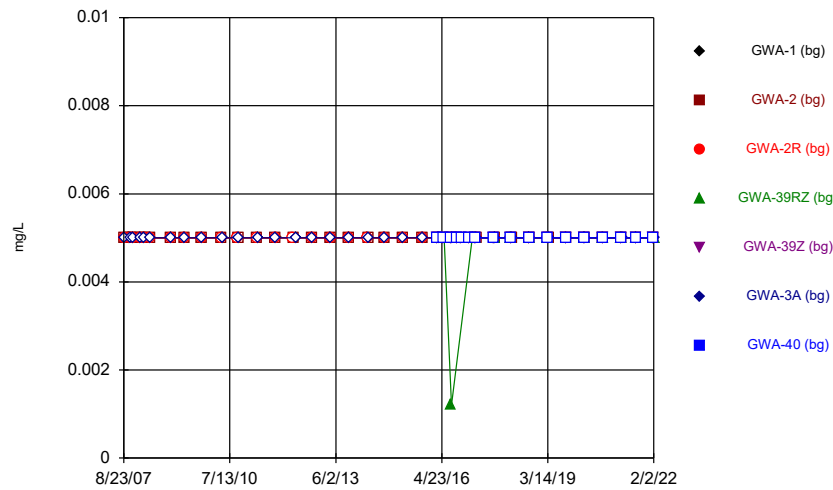
Constituent: Selenium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



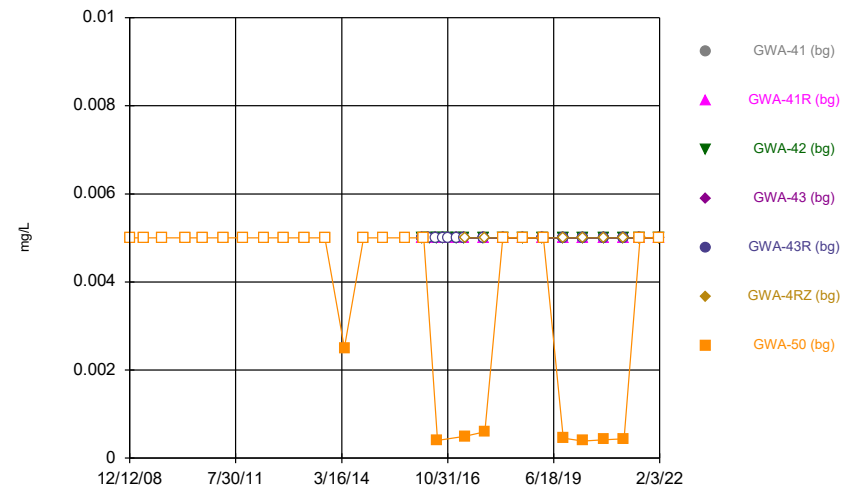
Constituent: Selenium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



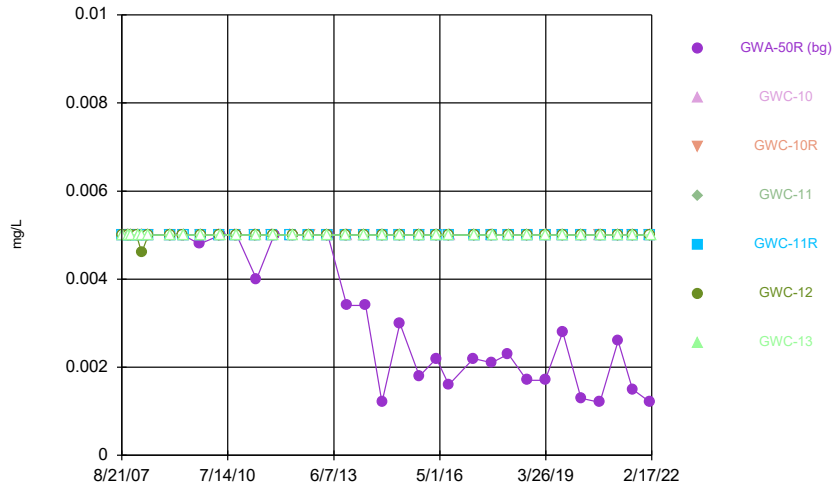
Constituent: Silver Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



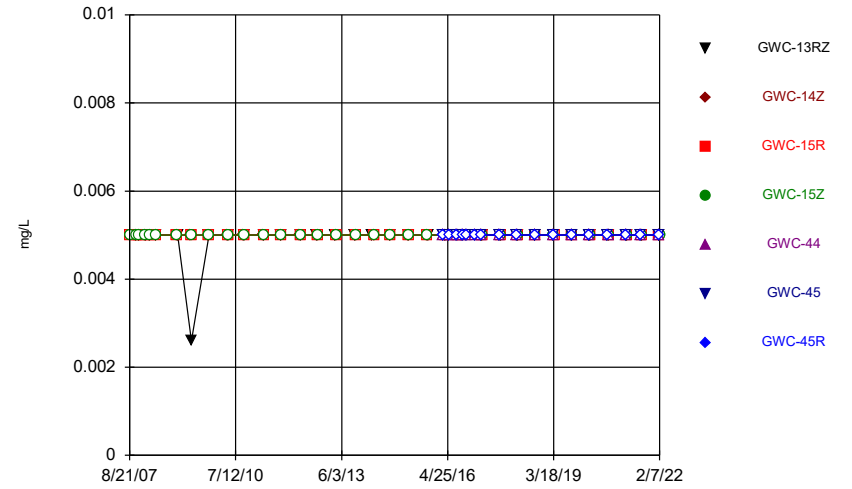
Constituent: Silver Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



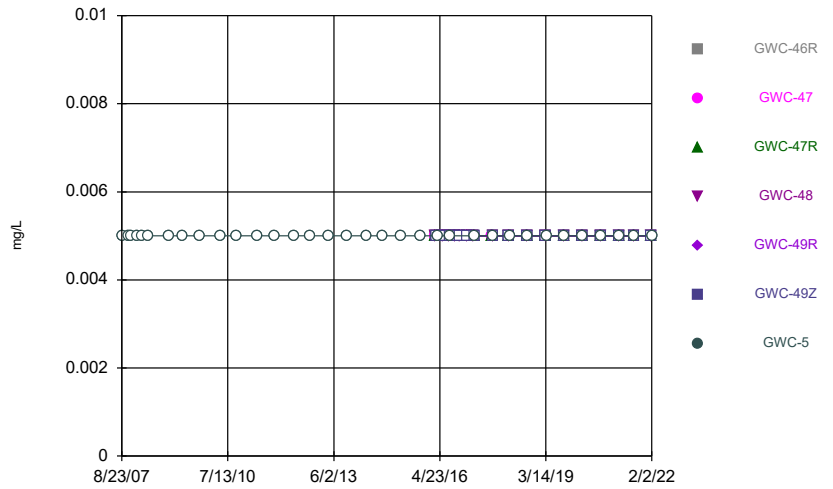
Constituent: Silver Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



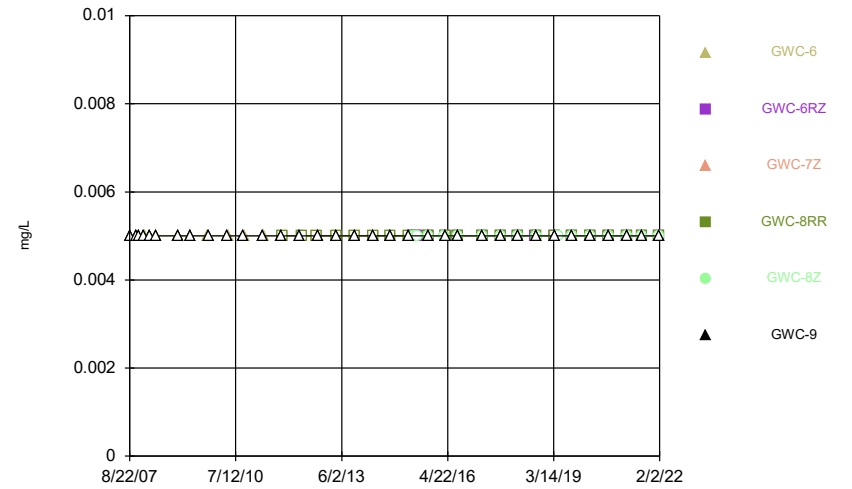
Constituent: Silver Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



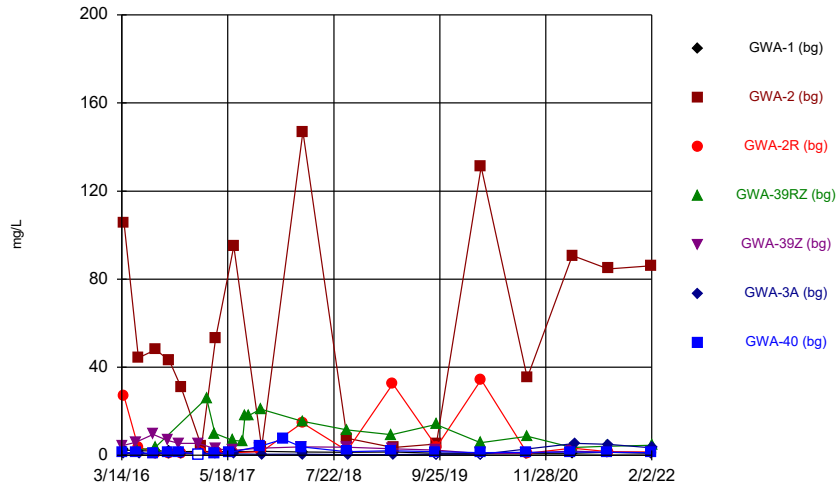
Constituent: Silver Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



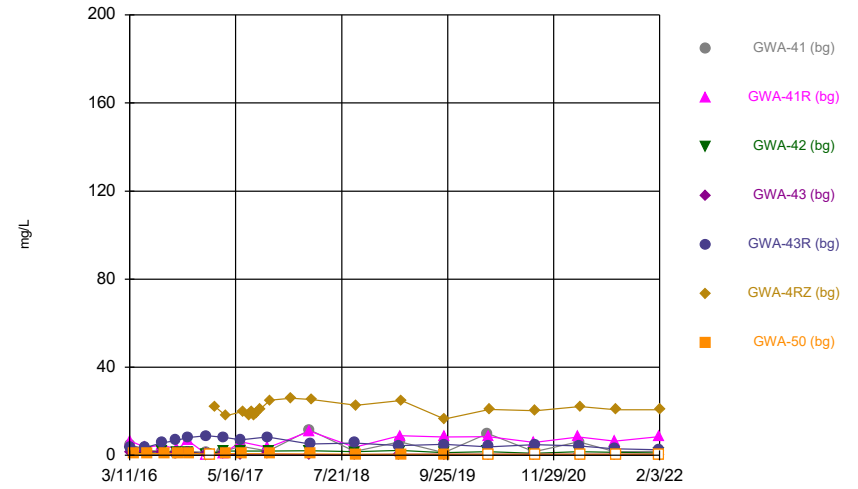
Constituent: Silver Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



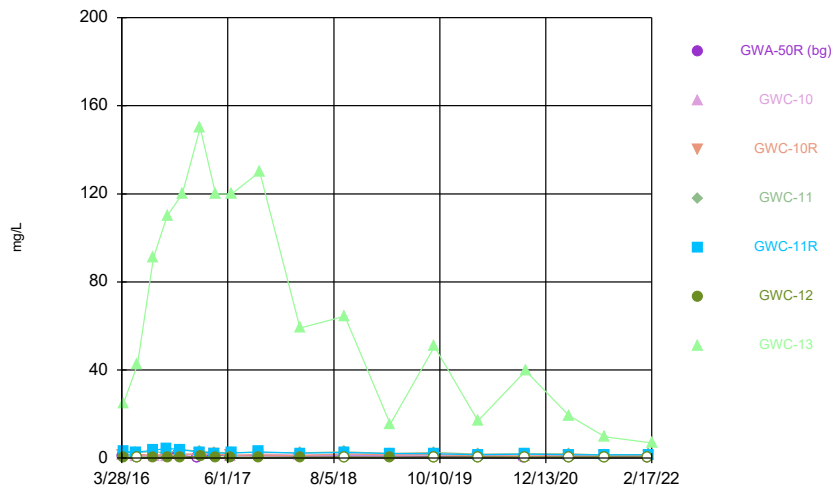
Constituent: Sulfate, total Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



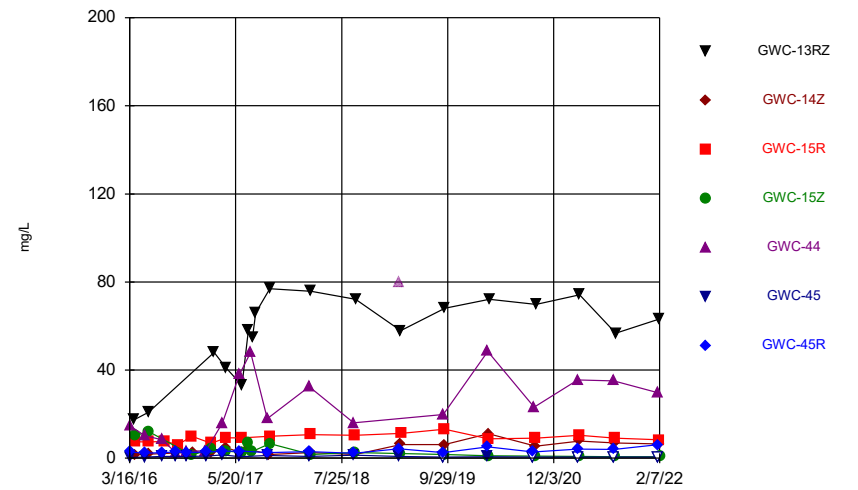
Constituent: Sulfate, total Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



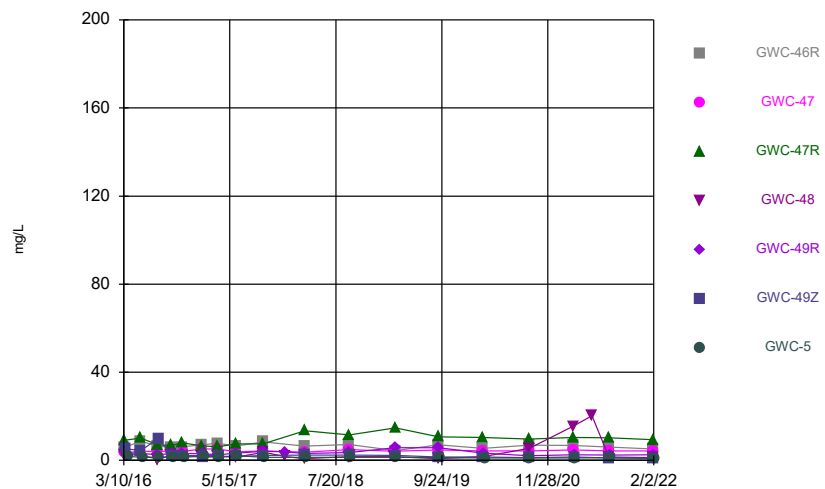
Constituent: Sulfate, total Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



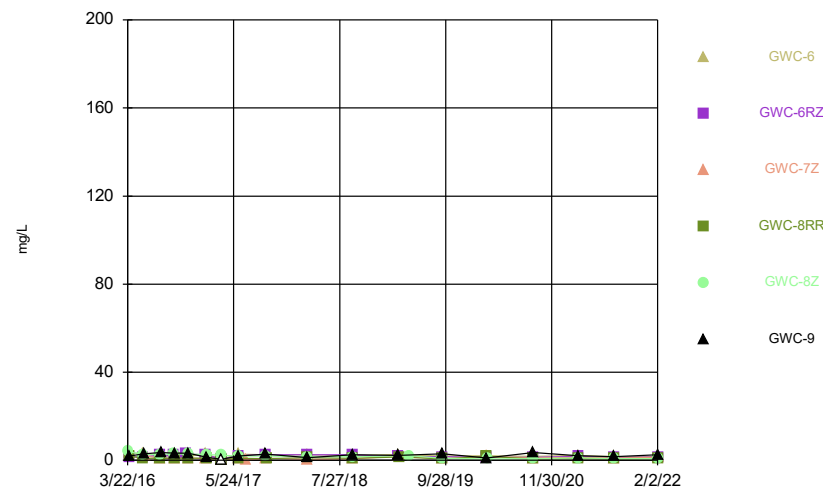
Constituent: Sulfate, total Analysis Run 4/1/2022 5:08 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



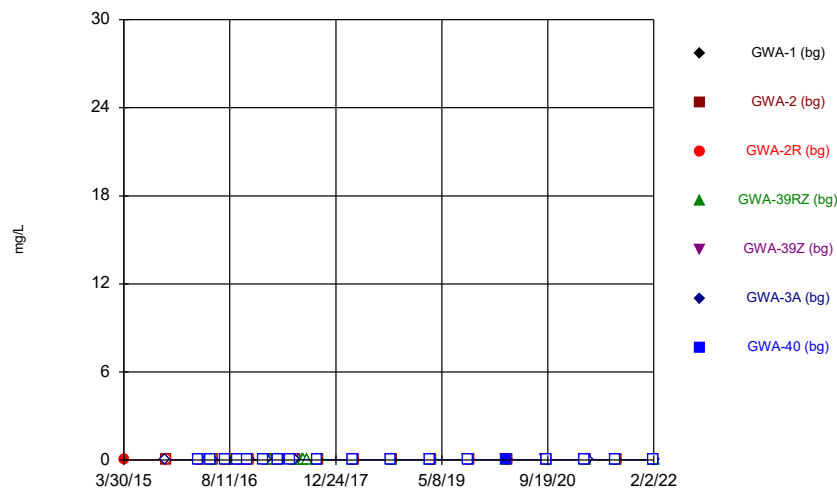
Constituent: Sulfate, total Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



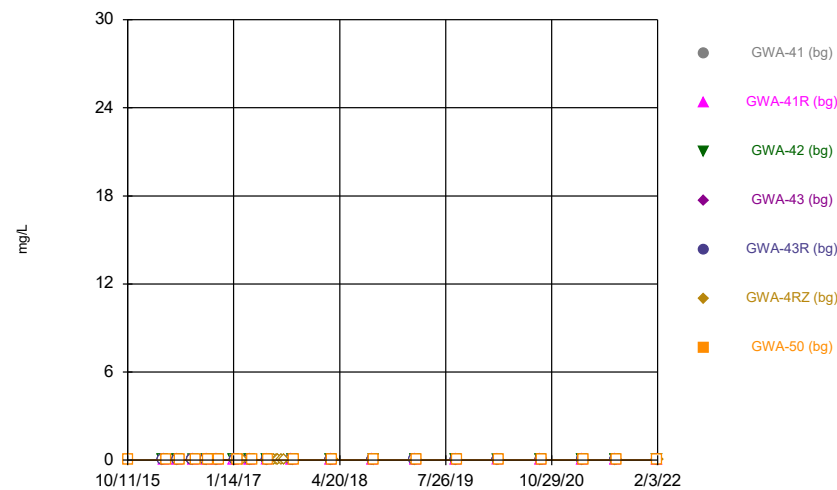
Constituent: Sulfate, total Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



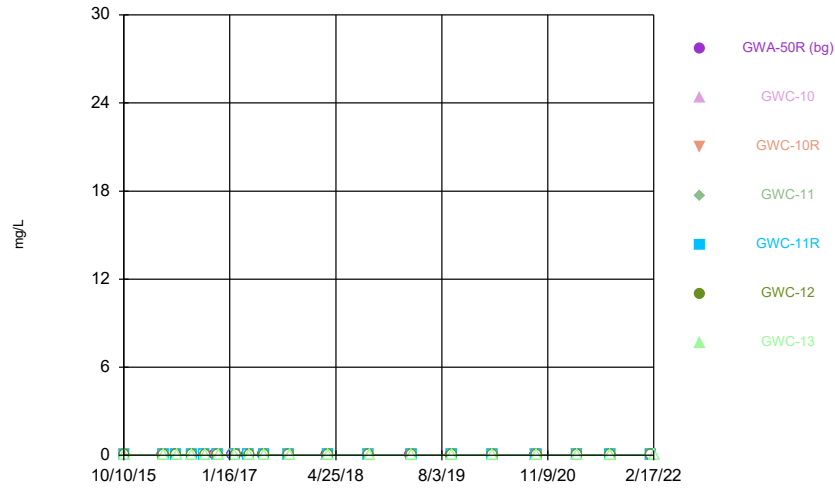
Constituent: Thallium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



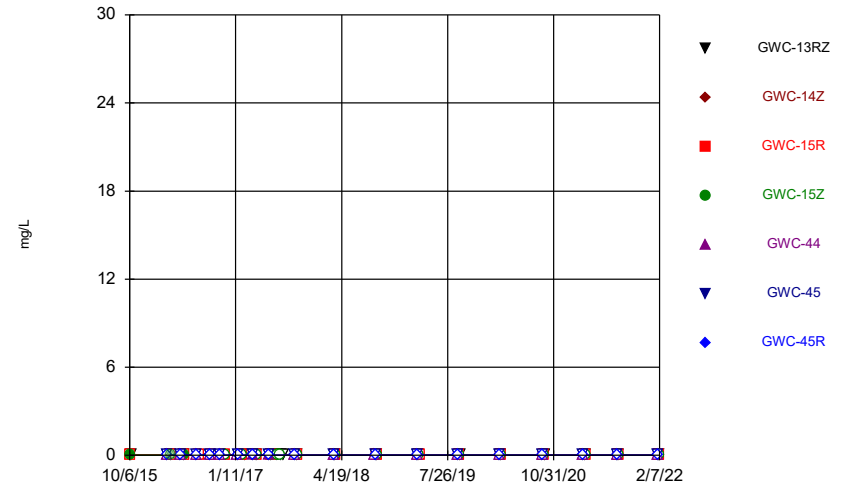
Constituent: Thallium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



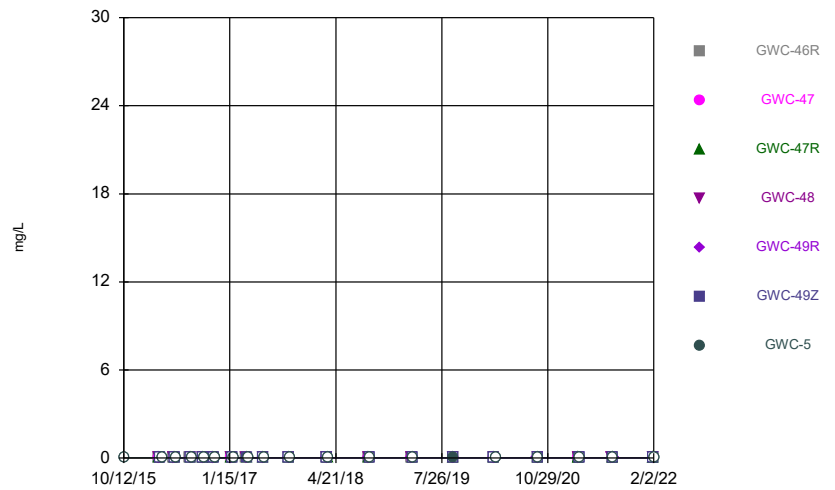
Constituent: Thallium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



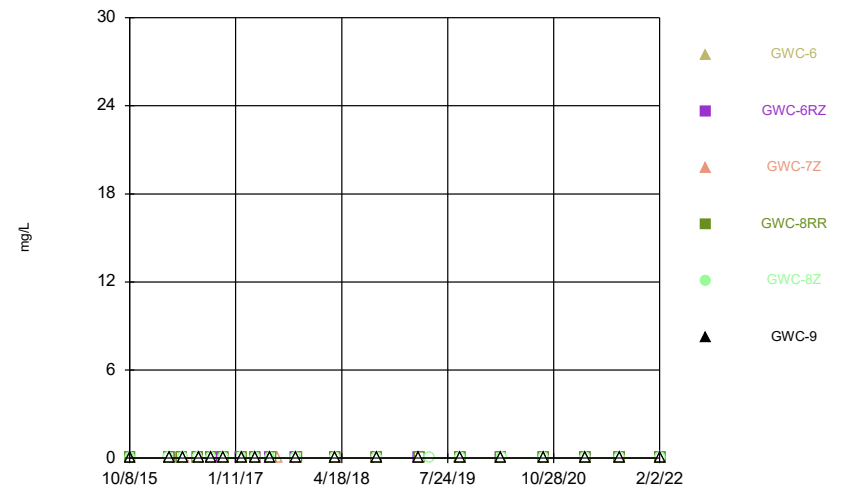
Constituent: Thallium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



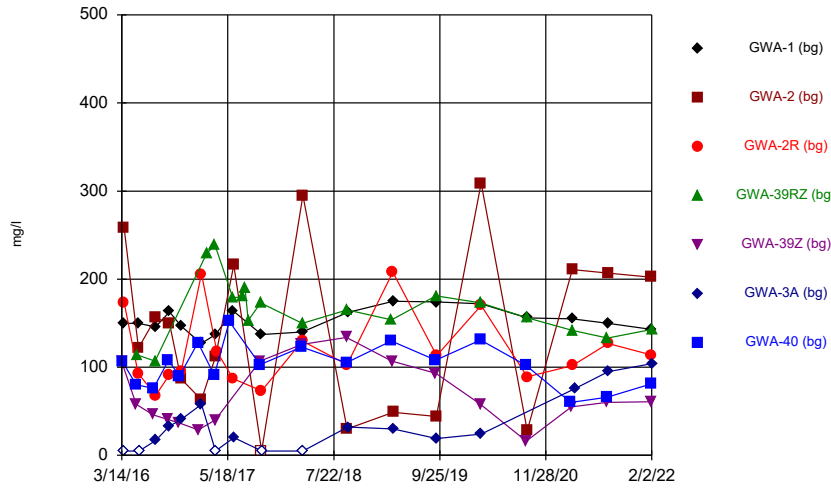
Constituent: Thallium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



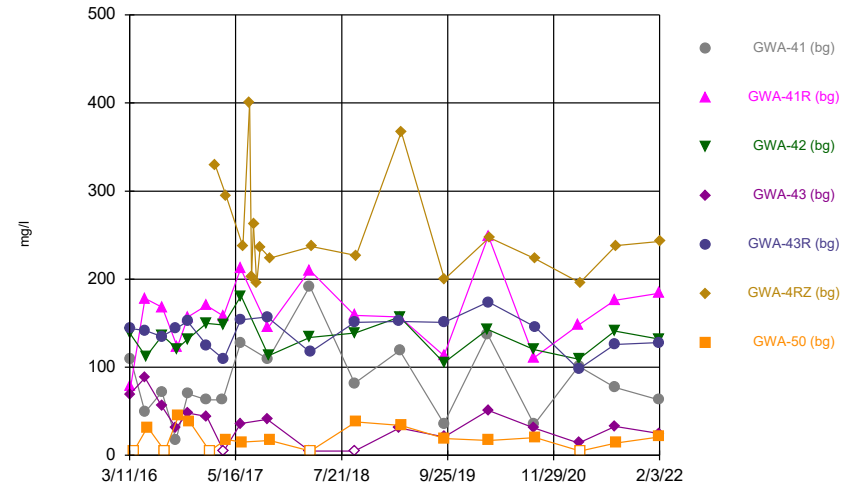
Constituent: Thallium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



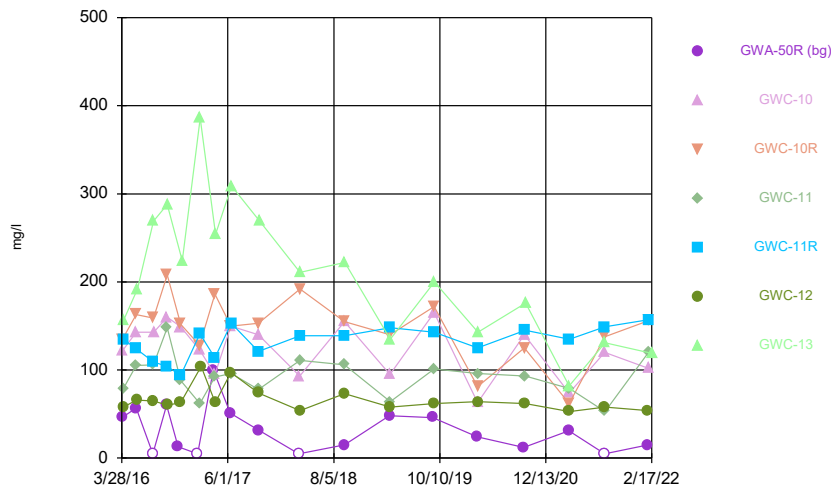
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



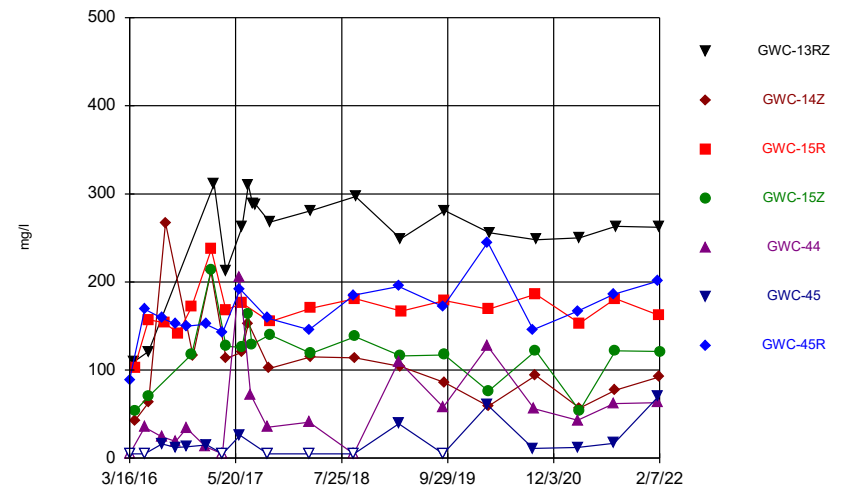
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



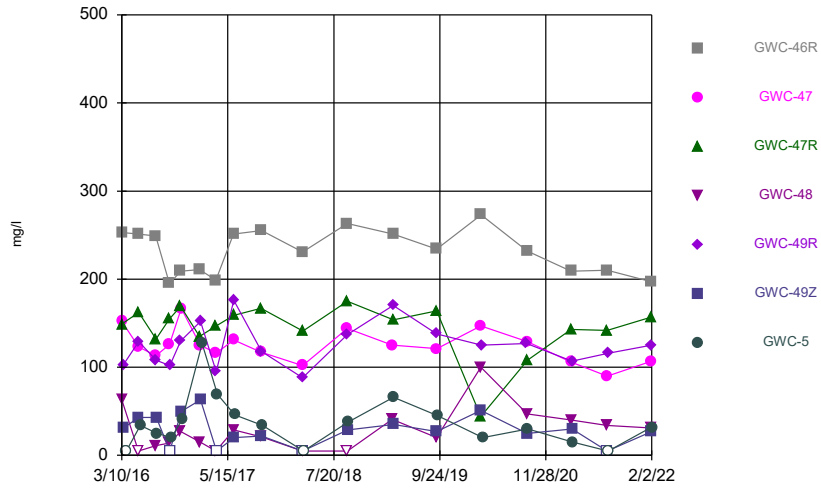
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



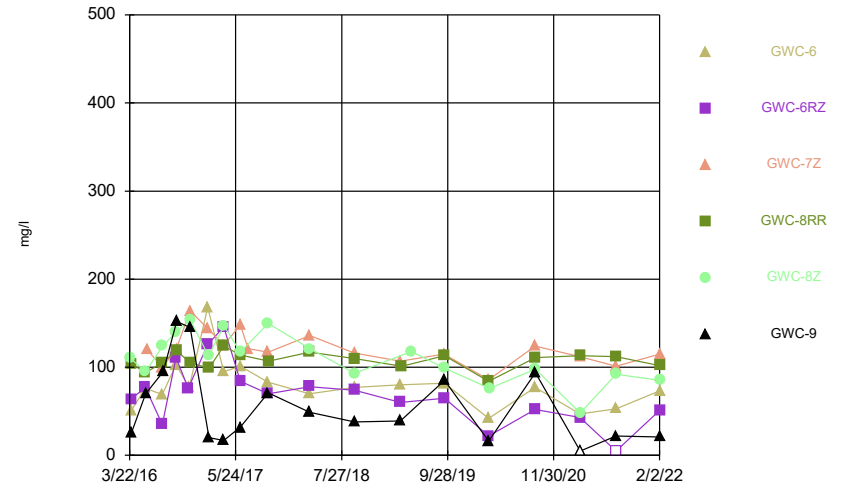
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



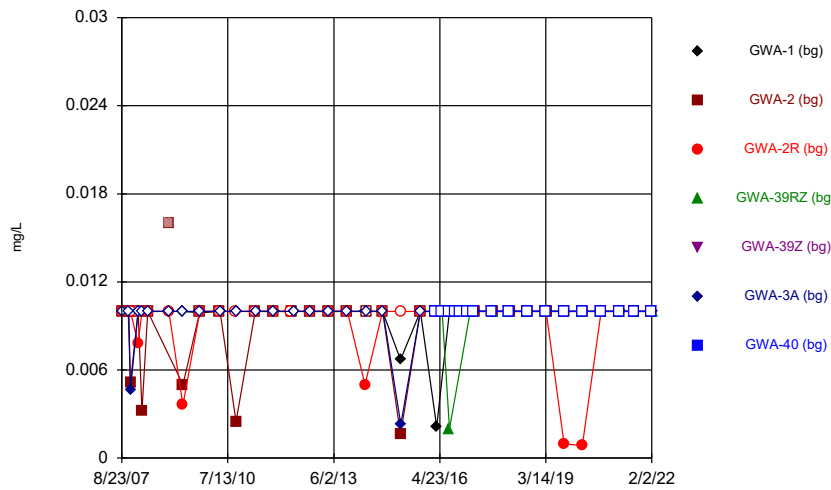
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



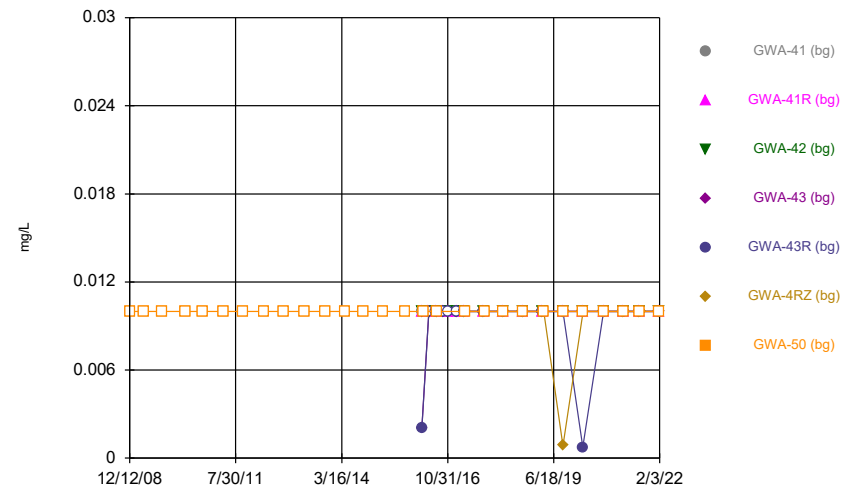
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



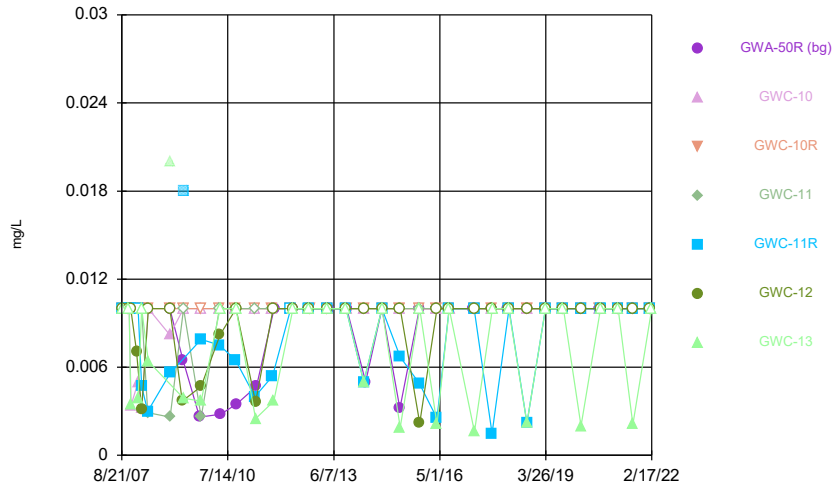
Constituent: Vanadium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



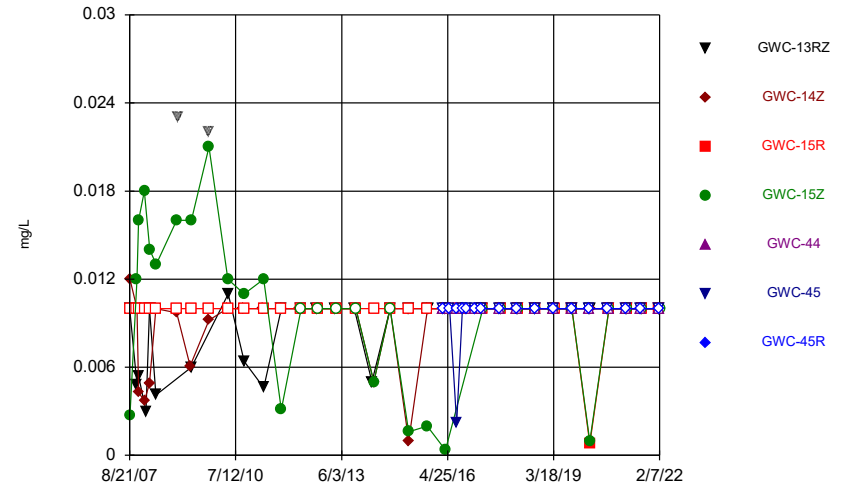
Constituent: Vanadium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



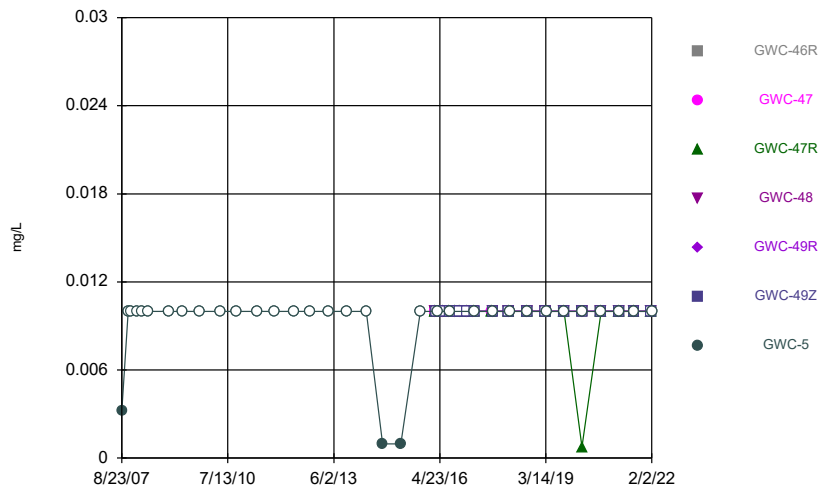
Constituent: Vanadium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



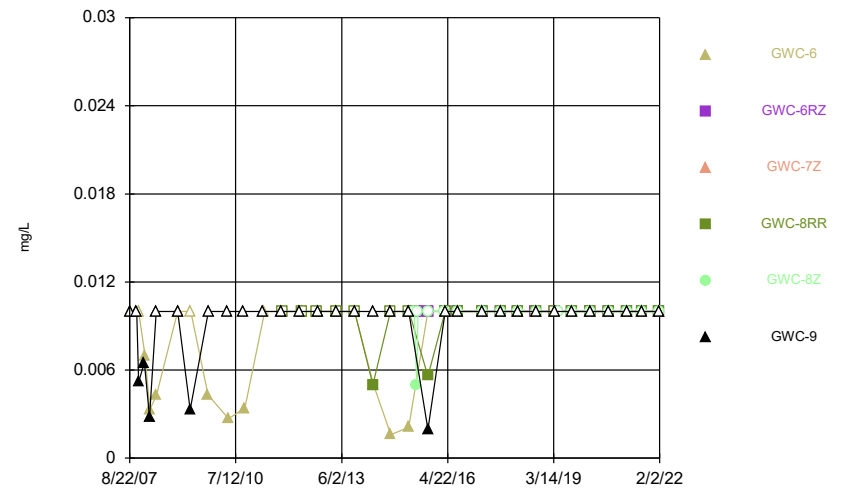
Constituent: Vanadium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



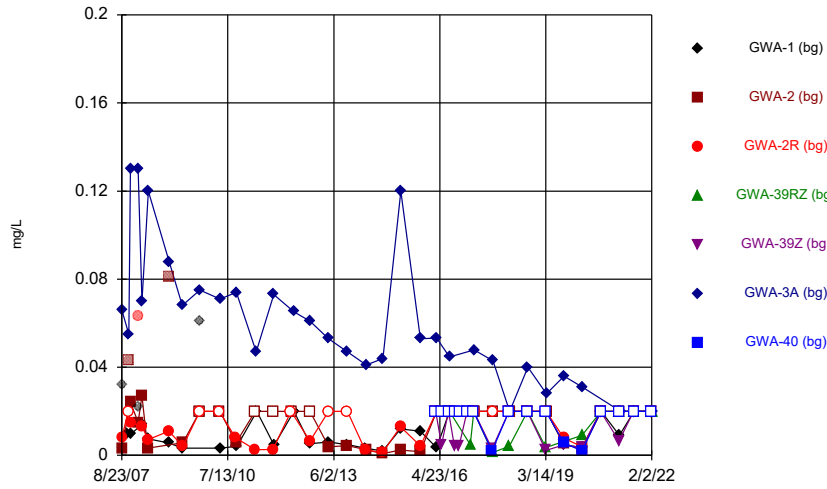
Constituent: Vanadium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



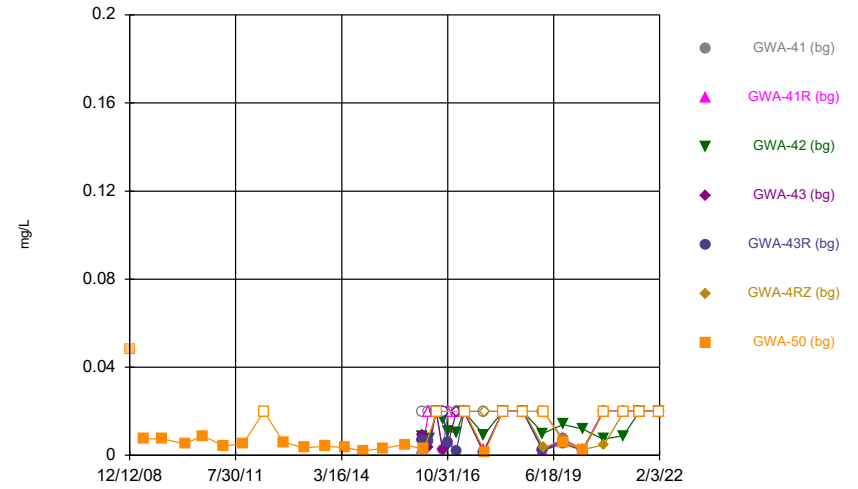
Constituent: Vanadium Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



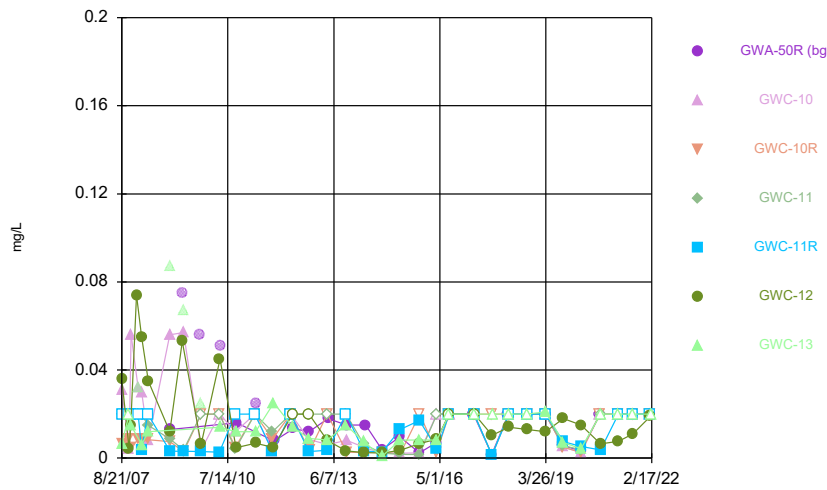
Constituent: Zinc Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



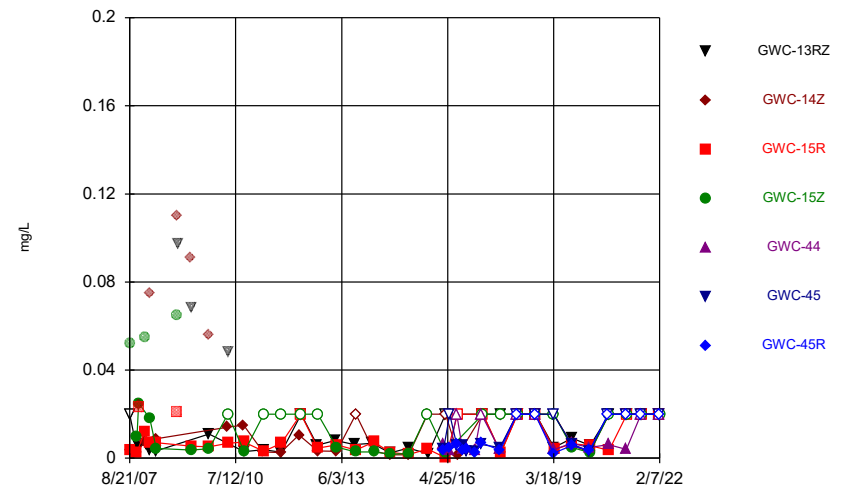
Constituent: Zinc Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



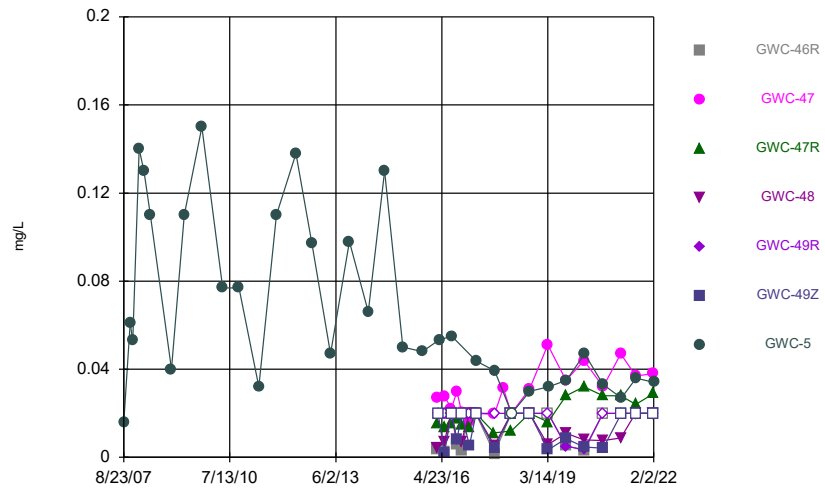
Constituent: Zinc Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



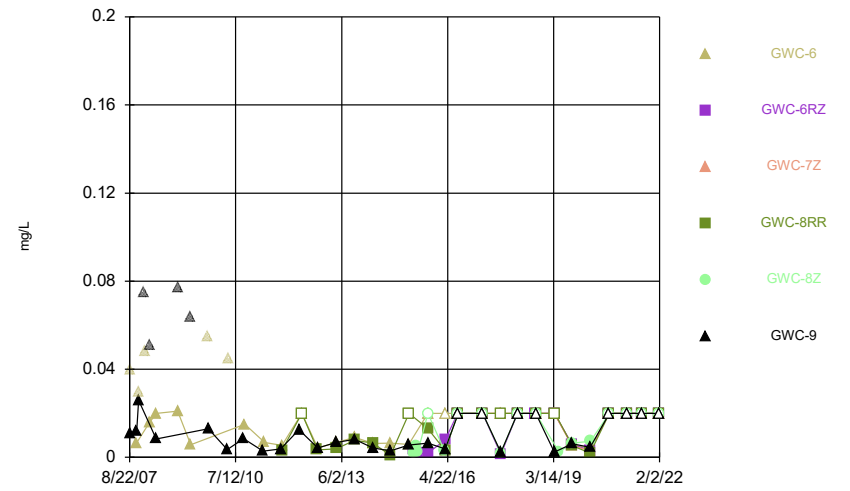
Constituent: Zinc Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



Constituent: Zinc Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



Constituent: Zinc Analysis Run 4/1/2022 5:08 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.003	<0.003	<0.003			<0.003	
10/23/2007	<0.003						
10/24/2007		<0.003	<0.003				
11/2/2007						<0.003	
11/18/2007	<0.003	<0.003	<0.003			<0.003	
1/30/2008	<0.003						
1/31/2008		<0.003	<0.003			<0.003	
3/10/2008	<0.003		<0.003				
3/11/2008		<0.003				<0.003	
5/6/2008		<0.003					
5/13/2008	<0.003		<0.003				
5/14/2008						<0.003	
12/4/2008		<0.003	<0.003				
12/5/2008	<0.003					<0.003	
4/15/2009	<0.003					<0.003	
4/21/2009		<0.003	<0.003				
10/7/2009	<0.003	<0.003					
10/8/2009			<0.003			<0.003	
4/21/2010			<0.003				
4/26/2010		<0.003					
4/28/2010						<0.003	
5/3/2010	<0.003						
9/28/2010			<0.003				
10/4/2010		<0.003					
10/6/2010						<0.003	
10/12/2010	<0.003						
4/12/2011			<0.003				
4/13/2011		<0.003					
4/21/2011						<0.003	
4/27/2011	<0.003						
10/4/2011			<0.003				
10/5/2011		<0.003					
10/13/2011						<0.003	
10/17/2011	0.0054						
4/3/2012			0.0053				
4/11/2012		<0.003					
5/1/2012						<0.003	
5/2/2012	<0.003						
10/8/2012	<0.003						
10/9/2012		<0.003	<0.003			<0.003	
4/11/2013			0.0075			<0.003	
4/12/2013	0.0058						
4/15/2013		<0.003					
10/15/2013		<0.003					
10/16/2013	0.01		<0.003			<0.003	
4/10/2014			0.0081				
4/11/2014	0.005 (J)						
4/22/2014		<0.003					
4/23/2014						<0.003	
9/30/2014	0.0068	<0.003	0.0022 (J)				
10/4/2014						0.0031 (J)	
3/30/2015	0.0074	<0.003	0.011				

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				0.014 (O)			
3/15/2019					<0.003		
3/19/2019			0.0019 (J)				
3/20/2019	<0.003	<0.003				0.0019 (J)	
9/9/2019					0.00079 (J)		<0.003
9/12/2019	0.0037	<0.003 (D)					
9/13/2019			0.0044			0.0013 (J)	
3/9/2020				0.0013 (J)	0.0011 (J)		<0.003
3/11/2020	0.00079 (J)	<0.003	0.002 (J)			0.0045	
9/10/2020					0.0003 (J)		
9/11/2020							<0.003
9/15/2020	0.0061	<0.003	0.0037				
9/16/2020				0.0028 (J)			
3/10/2021							<0.003
3/12/2021					0.0039		
3/16/2021	0.0014 (J)		0.005	0.00041 (J)			
3/17/2021		<0.003					
3/29/2021						<0.003	
8/4/2021					0.00083 (J)		<0.003
8/6/2021				<0.003			
8/9/2021	0.0027 (J)	<0.003	0.0033			<0.003	
1/31/2022					<0.003		0.0014 (J)
2/1/2022	0.0028 (J)	<0.003	0.0029 (J)				
2/2/2022				<0.003		<0.003	

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.003
4/23/2009							<0.003
10/6/2009							<0.003
4/27/2010							<0.003
9/30/2010							<0.003
4/14/2011							<0.003
10/5/2011							<0.003
4/11/2012							<0.003
10/2/2012							<0.003
4/9/2013							<0.003
10/15/2013							<0.003
4/10/2014							<0.003
10/1/2014							<0.003
3/30/2015							<0.003
10/11/2015							<0.003
3/11/2016			<0.003	<0.003	<0.003		
3/15/2016	<0.003	<0.003					
3/28/2016							0.00139 (J)
5/12/2016	<0.003						
5/13/2016		<0.003		<0.003	<0.003		
5/16/2016			<0.003				
5/23/2016							0.000677 (J)
7/19/2016				<0.003 (*)	<0.003		
7/20/2016	<0.003						
7/21/2016		<0.003 (*)					
7/22/2016			0.002 (J)				
8/1/2016							<0.003
9/15/2016	<0.003						
9/16/2016				<0.003	<0.003		
9/19/2016			<0.003				
9/21/2016		<0.003					
9/26/2016							<0.003
11/2/2016				<0.003	<0.003		
11/3/2016	<0.003	<0.003	<0.003				
11/10/2016							<0.003
1/17/2017		<0.003	<0.003				
1/18/2017	<0.003			<0.003	0.0013 (J)		
1/30/2017							<0.003
2/22/2017						0.0018 (J)	
3/24/2017	<0.003						
3/27/2017		0.0008 (J)	<0.003				
3/28/2017				<0.003	<0.003		
4/7/2017						0.0008 (J)	<0.003
6/6/2017	<0.003	<0.003		<0.003	0.0007 (J)		
6/7/2017			<0.003				
6/12/2017							<0.003
6/14/2017						0.00205 (D)	
7/12/2017						0.0015 (JD)	
7/20/2017						<0.003 (D)	
7/28/2017						<0.003	
8/9/2017						<0.003	
8/24/2017						0.0007 (J)	

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.003	0.0012 (J)		
9/25/2017	<0.003	0.0035					
9/26/2017			<0.003				
10/2/2017							<0.003
10/3/2017						<0.003 (D)	
3/14/2018	<0.003	<0.003	<0.003	<0.003			
3/15/2018					<0.003		
3/16/2018							<0.003
3/21/2018						<0.003	
9/12/2018	<0.003	0.003		<0.003	<0.003		
9/14/2018			<0.003				
9/17/2018							<0.003
9/18/2018						<0.003	
3/13/2019				<0.003	<0.003		
3/14/2019	<0.003	<0.003	<0.003				
3/19/2019							<0.003
3/21/2019						<0.003 (D)	
9/10/2019	<0.003 (D)	0.0029 (J)	<0.003				
9/11/2019				<0.003	0.00029 (J)		
9/12/2019						0.00052 (JD)	
9/13/2019							<0.003
3/6/2020	<0.003		<0.003				
3/9/2020		0.0037		0.00062 (J)	0.00037 (J)		
3/11/2020							0.0005 (J)
3/12/2020						0.0017 (J)	
9/10/2020	<0.003	0.0019 (J)	<0.003				
9/11/2020				<0.003			
9/14/2020					<0.003		
9/16/2020							<0.003
9/17/2020						0.00087 (J)	
3/10/2021		0.00037 (J)					
3/11/2021	0.00038 (J)		<0.003	<0.003	0.00074 (J)		
3/16/2021						0.00082 (J)	
3/17/2021							<0.003
8/4/2021	<0.003	<0.003	<0.003				
8/5/2021					<0.003		
8/6/2021				<0.003			
8/9/2021							<0.003
8/10/2021						0.0013 (J)	
1/31/2022	<0.003	0.0011 (J)	<0.003	<0.003	<0.003		
2/1/2022							0.0015 (J)
2/3/2022						<0.003	

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/1/2007		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/18/2007				<0.003	<0.003		
11/19/2007						<0.003	<0.003
11/20/2007		<0.003	<0.003				
1/16/2008						<0.003	
1/30/2008		<0.003	<0.003	<0.003	<0.003		
1/31/2008							<0.003
3/5/2008				<0.003		<0.003	<0.003
3/6/2008		<0.003	<0.003		<0.003		
5/7/2008				<0.003	<0.003		
5/8/2008			<0.003				
5/12/2008		<0.003					<0.003
5/13/2008						<0.003	
12/12/2008	<0.003						
12/13/2008		<0.003				<0.003	<0.003
12/14/2008			<0.003	<0.003	<0.003		
4/16/2009						<0.003	
4/23/2009	<0.003						
4/28/2009							<0.003
4/29/2009		<0.003	<0.003	<0.003	<0.003		
10/6/2009	<0.003						
10/20/2009		<0.003					
10/21/2009			<0.003			<0.003	<0.003
10/22/2009				<0.003	<0.003		
4/21/2010			<0.003	<0.003	<0.003		
4/26/2010		<0.003					
4/27/2010						<0.003	
4/28/2010							<0.003
5/3/2010	<0.003						
9/28/2010			<0.003	<0.003			
9/29/2010		<0.003			<0.003		
10/5/2010						<0.003	<0.003
10/11/2010	<0.003						
4/12/2011			<0.003	<0.003			
4/13/2011		<0.003			<0.003		
4/19/2011						<0.003	<0.003
4/27/2011	<0.003						
10/4/2011			<0.003	<0.003	<0.003		
10/5/2011		<0.003					
10/12/2011						<0.003	
10/18/2011							<0.003
10/19/2011	<0.003						
4/3/2012			<0.003	<0.003			
4/4/2012		<0.003			<0.003		
4/24/2012						<0.003	
4/25/2012							<0.003
5/1/2012	<0.003						
10/2/2012	<0.003					<0.003	<0.003
10/3/2012		<0.003		<0.003	<0.003		
10/8/2012			<0.003				
4/2/2013						<0.003	<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.003	<0.003	<0.003	<0.003		
4/10/2013	<0.003						
10/8/2013							<0.003
10/9/2013				<0.003	<0.003	<0.003	
10/15/2013		<0.003	<0.003				
10/16/2013	<0.003						
4/1/2014						<0.003	<0.003
4/2/2014				<0.003	<0.003		
4/9/2014		<0.003	<0.003				
4/22/2014	<0.003						
10/1/2014	<0.003						<0.003
10/2/2014		<0.003	<0.003	<0.003	0.0044 (J)	<0.003	
3/30/2015	<0.003						
4/1/2015				<0.003	0.0087	<0.003	<0.003
4/2/2015		<0.003	<0.003				
10/10/2015		<0.003					
10/11/2015	<0.003			<0.003	0.007		
10/12/2015			<0.003				
10/14/2015						<0.003	
10/15/2015							<0.003
3/28/2016	<0.003						
3/31/2016		<0.003	<0.003				
4/4/2016				<0.003	0.00252 (J)	<0.003	<0.003
5/25/2016	<0.003						
5/26/2016		<0.003	0.000659 (J)	0.000722 (J)	0.00351		
5/27/2016						<0.003	
5/31/2016							<0.003
8/1/2016	<0.003						
8/3/2016			<0.003	<0.003		<0.003	
8/4/2016					<0.003		<0.003
8/5/2016		<0.003					
9/26/2016	<0.003						
9/28/2016		<0.003	0.0037 (O)	<0.003	0.0012 (J)		
9/29/2016							<0.003
9/30/2016						<0.003	
11/11/2016	<0.003						
11/22/2016		<0.003	<0.003	<0.003	0.0042	<0.003	
11/28/2016							<0.003
1/30/2017	<0.003						
2/7/2017		<0.003	<0.003				
2/8/2017				<0.003	<0.003		
2/9/2017							<0.003
2/13/2017						<0.003	
4/3/2017	<0.003						
4/10/2017		<0.003	<0.003	<0.003	<0.003		
4/11/2017						<0.003	
4/12/2017							<0.003
6/12/2017	<0.003						
6/14/2017		<0.003	<0.003			<0.003	
6/15/2017				<0.003	<0.003		
6/16/2017							<0.003
10/2/2017	<0.003						

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.003						
8/23/2007			<0.003				
8/24/2007		0.005		<0.003			
11/1/2007	<0.003						
11/2/2007		<0.003	<0.003	<0.003			
11/17/2007		<0.003	<0.003				
11/18/2007				<0.003			
11/19/2007	<0.003						
1/15/2008		<0.003	<0.003	<0.003			
1/31/2008	<0.003						
3/5/2008	<0.003	<0.003					
3/6/2008			<0.003				
3/10/2008				<0.003			
5/7/2008	<0.003	<0.003	<0.003				
5/13/2008				<0.003			
12/2/2008		<0.003	<0.003	<0.003			
12/12/2008	<0.003						
4/16/2009		<0.003					
4/28/2009			<0.003	<0.003			
4/29/2009	<0.003						
10/19/2009			<0.003				
10/20/2009		<0.003		<0.003			
10/21/2009	<0.003						
4/20/2010		<0.003					
4/27/2010			<0.003	<0.003			
4/28/2010	<0.003						
9/29/2010		<0.003					
10/4/2010			<0.003				
10/5/2010				<0.003			
10/6/2010	<0.003						
4/12/2011		<0.003					
4/18/2011			<0.003				
4/19/2011				<0.003			
4/20/2011	<0.003						
10/4/2011		<0.003					
10/12/2011	<0.003		0.0052	<0.003			
4/4/2012		<0.003					
4/23/2012			<0.003				
4/25/2012	<0.003			<0.003			
10/2/2012	<0.003						
10/10/2012		<0.003	<0.003	<0.003			
4/2/2013	0.007 (O)						
4/15/2013		<0.003	<0.003				
4/16/2013				0.0053			
10/8/2013	0.01 (O)						
10/22/2013		<0.003	<0.003	<0.003			
4/1/2014	0.011 (O)						
4/21/2014		<0.003	0.005 (J)	0.005 (J)			
9/30/2014		<0.003	0.0024 (J)	<0.003			
10/1/2014	0.018 (O)						
3/31/2015	0.011 (O)						
4/3/2015		<0.003	0.0072	<0.003			

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				0.0025 (J)			
10/7/2015		<0.003	0.0045 (J)				
10/14/2015	0.0083 (O)						
3/16/2016					<0.003	<0.003 (D)	0.00426 (D)
4/4/2016	0.00447						
4/5/2016		<0.003	0.00727	0.053 (O)			
5/16/2016					<0.003	0.00109 (JD)	0.00267 (JD)
5/31/2016			0.00649	0.00088 (J)			
6/1/2016	0.00377	0.000895 (J)					
7/25/2016					<0.003 (*)	0.00185 (D)	0.0017 (JD)
8/4/2016			0.0038				
8/9/2016		0.0017 (JD)					
9/19/2016					<0.003	<0.003 (D)	<0.003 (D)
9/29/2016			0.0106				
11/3/2016					<0.003		0.0017 (JD)
11/4/2016						<0.003 (D)	
11/23/2016			0.0098	<0.003			
11/28/2016		<0.003					
1/19/2017					<0.003		
1/20/2017							0.001 (JD)
1/23/2017						<0.003 (D)	
2/9/2017		<0.003					
2/10/2017			0.0014 (J)	<0.003			
2/22/2017	0.0044						
3/28/2017					<0.003		
3/29/2017						0.0018 (JD)	0.001 (JD)
4/11/2017	0.0019 (J)	<0.003		<0.003			
4/12/2017			0.0026 (J)				
6/5/2017					<0.003		
6/7/2017						0.0009 (J)	0.0009 (J)
6/14/2017		0.0006 (J)					
6/15/2017			<0.003	<0.003			
6/16/2017	<0.003						
7/12/2017	0.0018 (J)	<0.003		<0.003			
7/26/2017				<0.003			
7/28/2017	0.0011 (J)						
8/10/2017	0.0012 (J)						
9/26/2017					<0.003		
9/27/2017						0.0111 (O)	0.0012 (J)
10/5/2017		<0.003					
10/6/2017	0.0013 (J)		0.0008 (J)	<0.003			
12/29/2017						0.0012 (Y)	
3/15/2018					<0.003	0.00086 (J)	<0.003
3/22/2018		<0.003					
3/23/2018	0.0015 (J)		0.001 (J)	0.00089 (J)			
9/12/2018					<0.003		
9/13/2018						0.0029 (J)	<0.003
9/19/2018		<0.003	0.0011 (J)	<0.003			
9/20/2018	0.0013 (J)						
3/14/2019					<0.003	0.0015 (JD)	<0.003 (D)
3/22/2019	0.0014 (J)	<0.003		<0.003			
3/25/2019			<0.003				

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/11/2019					<0.003	0.014 (O)	<0.003 (D)
9/17/2019		<0.003	0.0017 (J)	<0.003			
9/18/2019	0.00077 (X)						
3/10/2020					<0.003	0.00087 (J)	<0.003
3/13/2020		0.00053 (J)	0.00056 (J)	<0.003			
3/17/2020	0.0009 (J)						
9/11/2020						0.0076	0.00043 (J)
9/15/2020					<0.003		
9/21/2020		<0.003	0.0021 (J)	<0.003			
9/22/2020	0.00079 (J)						
12/15/2020						0.0014 (J)	
3/11/2021					<0.003	0.00062 (J)	<0.003
3/18/2021		<0.003	0.00045 (J)	<0.003			
3/19/2021	0.0011 (J)						
8/4/2021					<0.003		
8/6/2021						0.0017 (J)	<0.003
8/11/2021		<0.003	<0.003	<0.003			
8/12/2021	<0.003						
1/31/2022					<0.003		
2/1/2022						0.002 (J)	<0.003
2/4/2022	<0.003	<0.003	<0.003				
2/7/2022				<0.003			

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.003					
8/23/2007						<0.003
10/25/2007	<0.003					
11/1/2007						<0.003
11/19/2007						<0.003
11/20/2007	<0.003					
1/15/2008						<0.003
1/23/2008	<0.003					
3/6/2008						<0.003
3/11/2008	<0.003					
5/13/2008						<0.003
5/14/2008	<0.003					
12/11/2008	<0.003					
12/12/2008						<0.003
4/16/2009						<0.003
4/23/2009	<0.003					
10/9/2009	<0.003					
10/13/2009						<0.003
4/21/2010						<0.003
5/4/2010	<0.003					
9/29/2010						<0.003
10/11/2010	<0.003					
4/13/2011						<0.003
4/26/2011	<0.003					
10/5/2011						<0.003
10/18/2011	<0.003			<0.003		
4/4/2012						<0.003
4/30/2012				<0.003		
5/2/2012	<0.003					
10/3/2012				<0.003		
10/8/2012	<0.003					<0.003
4/8/2013				<0.003		<0.003
4/10/2013	<0.003					
10/8/2013	<0.003					
10/9/2013				<0.003		<0.003
4/9/2014						<0.003
4/10/2014				<0.003		
4/14/2014	<0.003					
9/30/2014						<0.003
10/2/2014				0.0025 (J)		
10/3/2014	<0.003					
4/1/2015	0.0035 (J)					
4/2/2015						<0.003
4/3/2015				<0.003		
5/26/2015		<0.003			<0.003	
6/18/2015		<0.003 (D)			<0.003 (D)	
7/2/2015		<0.003			<0.003	
10/8/2015				<0.003	<0.003	
10/9/2015	<0.003	<0.003				
10/10/2015						<0.003 (D)
3/22/2016					<0.003	
3/29/2016	<0.003	0.0364 (O)				

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.003		<0.003
5/24/2016	<0.003	<0.003		<0.003		
5/25/2016					<0.003	
5/26/2016						<0.003
5/31/2016			<0.003			
8/1/2016	<0.003	<0.003				
8/2/2016			<0.003	<0.003	<0.003	
8/5/2016						<0.003
9/26/2016	<0.003	<0.003			<0.003	
9/27/2016			<0.003	<0.003		
9/28/2016						<0.003
11/14/2016		<0.003				
11/18/2016	<0.003					
11/21/2016			<0.003		<0.003	<0.003
11/22/2016				<0.003		
2/1/2017	<0.003	<0.003	<0.003			
2/3/2017					<0.003	
2/6/2017				0.0015 (J)		<0.003
4/6/2017	0.001 (J)	0.0006 (J)	<0.003	0.0007 (J)		<0.003
4/7/2017					<0.003	
6/13/2017	<0.003	<0.003	<0.003		<0.003	<0.003
6/14/2017				<0.003		
7/14/2017			0.0008 (J)			
10/3/2017	<0.003	<0.003	<0.003		<0.003	<0.003
10/4/2017				<0.003		
3/19/2018	<0.003					
3/20/2018		<0.003	<0.003		<0.003	0.001 (J)
3/21/2018				<0.003		
9/17/2018	<0.003	0.0023 (J)				
9/18/2018			<0.003	<0.003	<0.003	<0.003 (D)
3/21/2019	<0.003	<0.003	<0.003			<0.003
3/27/2019				<0.003		
5/6/2019					<0.003	
9/13/2019			0.002 (J)			
9/16/2019	<0.003	<0.003		<0.003 (D)	<0.003	<0.003
3/12/2020	0.00052 (J)	0.0011 (J)	0.00066 (J)	0.00043 (J)		<0.003
3/16/2020					<0.003	
9/16/2020	<0.003	<0.003	0.0012 (J)			
9/17/2020				0.00082 (J)	<0.003	<0.003
3/17/2021	<0.003	<0.003	0.00099 (J)	<0.003		
3/18/2021					<0.003	<0.003
8/10/2021	<0.003	0.0028 (J)	0.0017 (J)	0.0015 (J)	<0.003	<0.003
2/2/2022	<0.003	<0.003	0.00093 (J)	0.0015 (J)	<0.003	<0.003

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:09 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			<0.005	
10/23/2007	<0.005						
10/24/2007		<0.005	<0.005				
11/2/2007						<0.005	
11/18/2007	<0.005	<0.005	<0.005			<0.005	
1/30/2008	<0.005						
1/31/2008		<0.005	0.005			<0.005	
3/10/2008	<0.005		<0.005				
3/11/2008		<0.005				<0.005	
5/6/2008		<0.005					
5/13/2008	<0.005		<0.005				
5/14/2008						<0.005	
12/4/2008		0.012 (O)	<0.005				
12/5/2008	<0.005					<0.005	
4/15/2009	<0.005					<0.005	
4/21/2009		<0.005	<0.005				
10/7/2009	<0.005	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		0.0056			<0.005	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						<0.005	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						<0.005	
3/30/2015	<0.005	<0.005	<0.005				

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				<0.005	
9/9/2019					0.00043 (J)		0.00068 (J)
9/12/2019	0.0004 (J)	<0.005 (D)					
9/13/2019			0.00051 (J)			<0.005	
3/9/2020				0.00083 (J)	<0.005		<0.005
3/11/2020	0.00088 (J)	<0.005	0.00044 (J)			<0.005	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	0.00081 (J)				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					<0.005		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					
3/29/2021						0.001 (J)	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	0.0031 (J)			<0.005	
1/31/2022					0.0021 (J)		<0.005
2/1/2022	<0.005	0.0019 (J)	0.0053				
2/2/2022				<0.005		<0.005	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							<0.005
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							<0.005
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	<0.005	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
5/23/2016							<0.005
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		0.0012 (J)					
7/22/2016			<0.005				
8/1/2016							<0.005
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
9/26/2016							<0.005
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
11/10/2016							<0.005
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
1/30/2017							<0.005
2/22/2017						0.0019 (J)	
3/24/2017	<0.005						
3/27/2017		0.0008 (J)	<0.005				
3/28/2017				<0.005	0.0005 (J)		
4/7/2017						0.0008 (J)	<0.005
6/6/2017	<0.005 (*)	<0.005 (*)		<0.005 (*)	<0.005 (*)		
6/7/2017			<0.005 (*)				
6/12/2017							<0.005
6/14/2017						0.0006 (JD)	
7/12/2017						<0.005 (D)	
7/20/2017						0.0009 (JD)	
7/28/2017						<0.005	
8/9/2017						0.0011 (J)	
8/24/2017						0.0007 (J)	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.005	<0.005		
9/25/2017	<0.005	0.001 (J)					
9/26/2017			<0.005				
10/2/2017							<0.005
10/3/2017						0.0005 (JD)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						0.0012 (J)	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		
3/14/2019	<0.005	<0.005	<0.005				
3/19/2019							<0.005
3/21/2019						<0.005 (D)	
9/10/2019	<0.005 (D)	<0.005	<0.005				
9/11/2019				<0.005	<0.005		
9/12/2019						0.0006 (JD)	
9/13/2019							<0.005
3/6/2020	<0.005		<0.005				
3/9/2020		<0.005		<0.005	<0.005		
3/11/2020							<0.005
3/12/2020						0.0033 (J)	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					<0.005		
9/16/2020							<0.005
9/17/2020						0.0011 (J)	
3/10/2021		<0.005					
3/11/2021	<0.005		<0.005	<0.005	<0.005		
3/16/2021						0.00098 (J)	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							<0.005
8/10/2021						0.0025 (J)	
1/31/2022	<0.005	<0.005	<0.005	0.0013 (J)	<0.005		
2/1/2022							<0.005
2/3/2022						0.0034 (J)	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/18/2007				<0.005	<0.005		
11/19/2007						<0.005	<0.005
11/20/2007		0.0079	<0.005				
1/16/2008						0.0086	
1/30/2008		<0.005	<0.005	<0.005	<0.005		
1/31/2008							<0.005
3/5/2008				<0.005		<0.005	<0.005
3/6/2008		<0.005	<0.005		<0.005		
5/7/2008				<0.005	<0.005		
5/8/2008			<0.005				
5/12/2008		<0.005					<0.005
5/13/2008						<0.005	
12/12/2008	<0.005						
12/13/2008		0.015 (O)				0.012	0.0096
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						0.008	
4/23/2009	<0.005						
4/28/2009							<0.005
4/29/2009		<0.005	<0.005	<0.005	0.0057		
10/6/2009	<0.005						
10/20/2009		<0.005					
10/21/2009			<0.005			0.0081	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/28/2010							<0.005
5/3/2010	0.012 (O)						
9/28/2010			<0.005	<0.005			
9/29/2010		<0.005			<0.005		
10/5/2010						0.0067	<0.005
10/11/2010	<0.005						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						<0.005	<0.005
4/27/2011	<0.005						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							<0.005
10/19/2011	<0.005						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						0.0086	
4/25/2012							<0.005
5/1/2012	<0.005						
10/2/2012	<0.005					<0.005	<0.005
10/3/2012		<0.005		<0.005	<0.005		
10/8/2012			<0.005				
4/2/2013						<0.005	<0.005
4/3/2013		<0.005	<0.005	<0.005	<0.005		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/10/2013	<0.005						
10/8/2013							<0.005
10/9/2013				<0.005	0.006	0.0094	
10/15/2013		<0.005	<0.005				
10/16/2013	<0.005						
4/1/2014						0.0097	<0.005
4/2/2014				<0.005	0.005 (J)		
4/9/2014		<0.005	<0.005				
4/22/2014	<0.005						
10/1/2014	<0.005						0.0022 (J)
10/2/2014		<0.005	<0.005	<0.005	0.0036 (J)	0.0055	
3/30/2015	<0.005						
4/1/2015				<0.005	0.0077	0.011	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	<0.005			<0.005	0.0071		
10/12/2015			<0.005				
10/14/2015						0.007	
10/15/2015							<0.005
3/28/2016	<0.005						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	0.00315 (J)	0.00645	0.00124 (J)
5/25/2016	<0.005						
5/26/2016		<0.005	<0.005	<0.005	0.00313 (J)		
5/27/2016						0.00692	
5/31/2016							<0.005
8/1/2016	<0.005						
8/3/2016			<0.005	<0.005		0.0068	
8/4/2016					0.0032 (J)		<0.005
8/5/2016		<0.005					
9/26/2016	<0.005						
9/28/2016		<0.005	<0.005	<0.005	0.0029 (J)		
9/29/2016							<0.005
9/30/2016						0.0065	
11/11/2016	<0.005						
11/22/2016		<0.005	<0.005	<0.005	0.0048 (J)	0.0066	
11/28/2016							<0.005
1/30/2017	<0.005						
2/7/2017		<0.005	<0.005				
2/8/2017				<0.005	0.0022 (J)		
2/9/2017							<0.005
2/13/2017						0.0092	
4/3/2017	<0.005						
4/10/2017		<0.005	<0.005	<0.005	0.002 (J)		
4/11/2017						0.0051	
4/12/2017							0.001 (J)
6/12/2017	<0.005						
6/14/2017		<0.005	<0.005			0.0056	
6/15/2017				<0.005	0.0014 (J)		
6/16/2017							0.0007 (J)
10/2/2017	<0.005						
10/4/2017		0.0006 (J)	<0.005	<0.005	0.002 (J)	0.0068	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:09 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		<0.005		<0.005			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	<0.005			
11/17/2007		<0.005	<0.005				
11/18/2007				<0.005			
11/19/2007	<0.005						
1/15/2008		<0.005	<0.005	0.0077			
1/31/2008	<0.005						
3/5/2008	<0.005	0.0079					
3/6/2008			<0.005				
3/10/2008				<0.005			
5/7/2008	<0.005	<0.005	<0.005				
5/13/2008				<0.005			
12/2/2008		0.014 (O)	<0.005	0.0061			
12/12/2008	0.02 (O)						
4/16/2009		0.0069					
4/28/2009			<0.005	<0.005			
4/29/2009	0.0066						
10/19/2009			<0.005				
10/20/2009		0.0054		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	0.016 (O)						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	0.005 (J)			
9/30/2014		<0.005	<0.005	0.0025 (J)			
10/1/2014	0.0021 (J)						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:09 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					0.0657 (O)	<0.005 (D)	<0.005 (D)
4/4/2016	0.00144 (JD)						
4/5/2016		<0.005	<0.005	0.00105 (J)			
5/16/2016					<0.005	<0.005 (D)	<0.005
5/31/2016			<0.005	0.00261 (J)			
6/1/2016	0.0011 (JD)	<0.005					
7/25/2016					<0.005	<0.005 (D)	<0.005
8/4/2016			<0.005				
8/9/2016		<0.005					
9/19/2016					<0.005	<0.005 (D)	<0.005
9/29/2016			<0.005				
11/3/2016					<0.005		<0.005
11/4/2016						<0.005 (D)	
11/23/2016			<0.005	<0.005			
11/28/2016		<0.005					
1/19/2017					<0.005		
1/20/2017							<0.005
1/23/2017						<0.005 (D)	
2/9/2017		<0.005					
2/10/2017			<0.005	<0.005			
2/22/2017	<0.005						
3/28/2017					0.0009 (J)		
3/29/2017						<0.005 (D)	<0.005 (D)
4/11/2017	0.0011 (JD)	<0.005		0.0007 (J)			
4/12/2017			0.0005 (J)				
6/5/2017					0.0033 (J)		
6/7/2017						<0.005	<0.005 (*)
6/14/2017		<0.005					
6/15/2017			<0.005	<0.005			
6/16/2017	0.0043 (JD)						
7/12/2017	0.0013 (JD)	<0.005		<0.005			
7/26/2017				<0.005			
7/28/2017	0.0013 (J)						
8/10/2017	0.0011 (J)						
9/26/2017					0.0008 (J)		
9/27/2017						<0.005	0.0006 (J)
10/5/2017		<0.005					
10/6/2017	0.0013 (JD)		0.0008 (J)	0.0009 (J)			
3/15/2018					<0.005	<0.005	<0.005
3/22/2018		0.00096 (J)					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	<0.005 (D)	<0.005 (D)
3/22/2019	0.00097 (J)	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					<0.005	<0.005 (D)	<0.005 (D)

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.005	<0.005	<0.005			
9/18/2019	0.00045 (X)						
3/10/2020					0.0013 (J)	<0.005	<0.005
3/13/2020		<0.005	0.00047 (J)	0.00052 (J)			
3/17/2020	0.00067 (J)						
9/11/2020						<0.005	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	0.00086 (J)						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		<0.005	<0.005	<0.005			
3/19/2021	0.00084 (J)						
8/4/2021					<0.005		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					<0.005		
2/1/2022						<0.005	<0.005
2/4/2022	0.0035 (J)	0.0019 (J)	0.0026 (J)				
2/7/2022				0.0025 (J)			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	<0.005					
11/1/2007						<0.005
11/19/2007						<0.005
11/20/2007	<0.005					
1/15/2008						0.0086
1/23/2008	<0.005					
3/6/2008						<0.005
3/11/2008	<0.005					
5/13/2008						<0.005
5/14/2008	<0.005					
12/11/2008	<0.005					
12/12/2008						0.0065
4/16/2009						<0.005
4/23/2009	<0.005					
10/9/2009	<0.005					
10/13/2009						<0.005
4/21/2010						<0.005
5/4/2010	0.014 (O)					
9/29/2010						<0.005
10/11/2010	<0.005					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		<0.005
4/9/2014						<0.005
4/10/2014				<0.005		
4/14/2014	<0.005					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	<0.005					
4/1/2015	<0.005					
4/2/2015						<0.005
4/3/2015				<0.005		
5/26/2015		<0.005			<0.005	
6/18/2015		<0.005 (D)			<0.005 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				0.0029 (J)	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						<0.005 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.005		0.0241 (O)
5/24/2016	<0.005	<0.005		<0.005		
5/25/2016					<0.005	
5/26/2016						<0.005
5/31/2016			<0.005			
8/1/2016	<0.005	<0.005				
8/2/2016			0.0031 (J)	<0.005	<0.005	
8/5/2016						<0.005
9/26/2016	<0.005	<0.005			<0.005	
9/27/2016			0.0028 (J)	<0.005		
9/28/2016						<0.005
11/14/2016		<0.005				
11/18/2016	<0.005					
11/21/2016			0.0031 (J)		<0.005	<0.005
11/22/2016				<0.005		
2/1/2017	<0.005	<0.005	0.0031 (J)			
2/3/2017					<0.005	
2/6/2017				<0.005		<0.005
4/6/2017	0.0006 (J)	<0.005	0.003 (J)	<0.005		<0.005
4/7/2017					<0.005	
6/13/2017	<0.005	<0.005	0.0024 (J)		<0.005	<0.005
6/14/2017				<0.005		
7/14/2017			0.0029 (J)			
10/3/2017	<0.005	<0.005	0.0018 (J)		<0.005	<0.005
10/4/2017				<0.005		
3/19/2018	0.00089 (J)					
3/20/2018		<0.005	0.0024 (J)		0.0006 (J)	<0.005
3/21/2018				0.00077 (J)		
9/17/2018	<0.005	<0.005				
9/18/2018			<0.005	<0.005	<0.005	<0.005 (D)
3/21/2019	<0.005	<0.005	0.00077 (J)			<0.005
3/27/2019				<0.005		
5/6/2019					0.00063 (J)	
9/13/2019			0.0017 (J)			
9/16/2019	0.00071 (J)	0.00038 (J)		0.0004 (JD)	0.00043 (J)	0.00044 (J)
3/12/2020	0.00055 (J)	<0.005	0.00044 (J)	0.00039 (J)		<0.005
3/16/2020					<0.005	
9/16/2020	<0.005	<0.005	<0.005			
9/17/2020				<0.005	<0.005	<0.005
3/17/2021	0.0013 (J)	<0.005	<0.005	<0.005		
3/18/2021					0.00082 (J)	<0.005
8/10/2021	0.0016 (J)	<0.005	0.0013 (J)	<0.005	<0.005	<0.005
2/2/2022	<0.005	0.0012 (J)	0.002 (J)	0.0013 (J)	0.0011 (J)	0.0013 (J)

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	0.02	0.0073	0.0098			0.015 (O)	
10/23/2007	0.039						
10/24/2007		0.027	0.015				
11/2/2007						0.017 (O)	
11/18/2007	0.04 (J)	0.13 (O)	0.011			0.019 (O)	
1/30/2008	0.04						
1/31/2008		0.0077	0.13 (O)			0.011 (O)	
3/10/2008	0.033		0.0078				
3/11/2008		0.015				0.016 (O)	
5/6/2008		0.017					
5/13/2008	0.03		0.0077				
5/14/2008						0.013 (O)	
12/4/2008		0.14 (O)	0.0089				
12/5/2008	0.0087					0.021 (O)	
4/15/2009	0.023					0.012 (O)	
4/21/2009		0.018	0.013				
10/7/2009	0.15 (O)	0.014					
10/8/2009			0.008			0.011 (O)	
4/21/2010			0.01				
4/26/2010		0.017					
4/28/2010						0.0081	
5/3/2010	0.025						
9/28/2010			0.0036				
10/4/2010		0.011					
10/6/2010						0.0083	
10/12/2010	0.029						
4/12/2011			0.0084				
4/13/2011		0.026					
4/21/2011						0.0053	
4/27/2011	0.026						
10/4/2011			0.0066				
10/5/2011		0.021					
10/13/2011						0.0071	
10/17/2011	0.021						
4/3/2012			0.0625 (O)				
4/11/2012		0.0311					
5/1/2012						0.0067	
5/2/2012	0.0212						
10/8/2012	0.019						
10/9/2012		0.018	0.01			0.0055	
4/11/2013			0.021			0.0061	
4/12/2013	0.022						
4/15/2013		0.056					
10/15/2013		0.018					
10/16/2013	0.02		0.033			0.0062	
4/10/2014			0.021				
4/11/2014	0.018						
4/22/2014		0.035					
4/23/2014						0.0047	
9/30/2014	0.013	0.0041	0.0062				
10/4/2014						0.0055	
3/30/2015	0.021	0.036	0.011				

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				0.018			
3/15/2019					0.019		
3/19/2019			0.024				
3/20/2019	0.019	0.0072 (J)				0.0042 (J)	
9/9/2019					0.015		0.0078 (J)
9/12/2019	0.018	0.0058 (JD)					
9/13/2019			0.012			0.0042 (J)	
3/9/2020				0.017	0.0072 (J)		0.0088 (J)
3/11/2020	0.016	0.035	0.027			0.0041 (J)	
9/10/2020					0.0042 (J)		
9/11/2020							0.0079 (J)
9/15/2020	0.019	0.019	0.013				
9/16/2020				0.027			
3/10/2021							0.0083
3/12/2021					0.014		
3/16/2021	0.018		0.013	0.014			
3/17/2021		0.025					
3/29/2021						0.0073	
8/4/2021					0.011		0.008
8/6/2021				0.014			
8/9/2021	0.019	0.024	0.029			0.0073	
1/31/2022					0.013		0.0081
2/1/2022	0.015	0.026	0.024				
2/2/2022				0.013		0.0064	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				0.0179	0.0076 (J)		
9/25/2017	0.0252	0.0169					
9/26/2017			0.006 (J)				
10/2/2017							0.0122
10/3/2017						0.0294 (D)	
3/14/2018	0.021	0.036	0.0065 (J)	0.016			
3/15/2018					0.0092 (J)		
3/16/2018							0.0084 (J)
3/21/2018						0.03	
9/12/2018	0.025	0.021		0.017	0.008 (J)		
9/14/2018			0.0065 (J)				
9/17/2018							0.01
9/18/2018						0.032	
3/13/2019				0.014	0.0077 (J)		
3/14/2019	0.028	0.04	0.0066 (J)				
3/19/2019							0.012
3/21/2019						0.04 (D)	
9/10/2019	0.0195 (D)	0.031	0.0068 (J)				
9/11/2019				0.015	0.0079 (J)		
9/12/2019						0.034 (D)	
9/13/2019							0.0088 (J)
3/6/2020	0.022		0.0066 (J)				
3/9/2020		0.031		0.012	0.0069 (J)		
3/11/2020							0.0077 (J)
3/12/2020						0.053	
9/10/2020	0.024	0.031	0.0059 (J)				
9/11/2020				0.024			
9/14/2020					0.0075 (J)		
9/16/2020							0.0081 (J)
9/17/2020						0.036	
3/10/2021		0.023					
3/11/2021	0.024		0.0061	0.0096	0.0069		
3/16/2021						0.042	
3/17/2021							0.0074
8/4/2021	0.021	0.021	0.0061				
8/5/2021					0.0069		
8/6/2021				0.015			
8/9/2021							0.0071
8/10/2021						0.045	
1/31/2022	0.022	0.031	0.0063	0.014	0.0076		
2/1/2022							0.0065
2/3/2022						0.063	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		0.021	0.027	0.034	0.01	0.023	0.065
11/1/2007		0.017	0.024	0.036	0.012	0.034	0.019
11/18/2007				0.036	0.011		
11/19/2007						0.043	0.015
11/20/2007		0.1 (O)	0.022				
1/16/2008						0.13 (O)	
1/30/2008		0.035	0.033 (J)	0.031 (J)	0.013		
1/31/2008							0.022
3/5/2008				0.018		0.07	0.012
3/6/2008		0.042	0.019		0.017		
5/7/2008				0.015	0.0066		
5/8/2008			0.017				
5/12/2008		0.0087					0.014
5/13/2008						0.039	
12/12/2008	0.016						
12/13/2008		0.12 (O)				0.13 (O)	0.11 (O)
12/14/2008			0.02	0.12 (O)	0.013		
4/16/2009						0.13 (O)	
4/23/2009	0.14 (O)						
4/28/2009							0.12 (O)
4/29/2009		0.11 (O)	0.017	0.0079	0.0098		
10/6/2009	0.12 (O)						
10/20/2009		0.016					
10/21/2009			0.021			0.033	0.023
10/22/2009				0.007	0.013		
4/21/2010			0.019	0.0074	0.0069		
4/26/2010		0.016					
4/27/2010						0.11 (O)	
4/28/2010							0.019
5/3/2010	0.12 (O)						
9/28/2010			0.018	0.0068			
9/29/2010		0.016			0.0049		
10/5/2010						0.027	0.018
10/11/2010	0.019						
4/12/2011			0.017	0.0089			
4/13/2011		0.012			0.0074		
4/19/2011						0.025	0.019
4/27/2011	0.02						
10/4/2011			0.022	0.012	0.0062		
10/5/2011		0.014					
10/12/2011						0.025	
10/18/2011							0.025
10/19/2011	0.014						
4/3/2012			0.0212	0.0169			
4/4/2012		0.017			0.0091		
4/24/2012						0.027	
4/25/2012							0.024
5/1/2012	0.0199						
10/2/2012	0.015					0.013	0.019
10/3/2012		0.015		0.03	0.0089		
10/8/2012			0.019				
4/2/2013						0.031	0.021

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.018	0.021	0.008	0.012		
4/10/2013	0.016						
10/8/2013							0.027
10/9/2013				0.0093	0.0079	0.025	
10/15/2013		0.018	0.022				
10/16/2013	0.017						
4/1/2014						0.023	0.023
4/2/2014				0.031	0.0086		
4/9/2014		0.019	0.02				
4/22/2014	0.017						
10/1/2014	0.013						0.014
10/2/2014		0.016	0.023	0.035	0.01	0.025	
3/30/2015	0.014						
4/1/2015				0.013	0.019	0.025	0.027
4/2/2015		0.017	0.022				
10/10/2015		0.014					
10/11/2015	0.0093			0.0079	0.014		
10/12/2015			0.028				
10/14/2015						0.027	
10/15/2015							0.033
3/28/2016	0.0155						
3/31/2016		0.0179	0.0273				
4/4/2016				0.0119	0.0176	0.0285	0.027
5/25/2016	0.0143						
5/26/2016		0.0186	0.0305	0.0127	0.0195		
5/27/2016						0.0257	
5/31/2016							0.0283
8/1/2016	0.0129						
8/3/2016			0.0284	0.0121		0.0237	
8/4/2016					0.0151		0.0358
8/5/2016		0.0138					
9/26/2016	0.0177						
9/28/2016		0.0153	0.036	0.0112	0.0132		
9/29/2016							0.0437
9/30/2016						0.0279	
11/11/2016	0.0117						
11/22/2016		0.0184 (J)	0.0341 (J)	0.0155 (J)	0.0186 (J)	0.0286 (J)	
11/28/2016							0.0419 (J)
1/30/2017	0.0113						
2/7/2017		0.0215	0.0309				
2/8/2017				0.0115	0.015		
2/9/2017							0.0472
2/13/2017						0.0313	
4/3/2017	0.0166						
4/10/2017		0.0247	0.0235	<0.01	0.0172		
4/11/2017						0.0254	
4/12/2017							0.0383
6/12/2017	0.017						
6/14/2017		0.0227	0.0258			0.0241	
6/15/2017				0.0112	0.0167		
6/16/2017							0.0457
10/2/2017	0.0157						

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	0.0095						
8/23/2007			0.015				
8/24/2007		0.0089		0.017			
11/1/2007	0.02						
11/2/2007		0.0091	0.024	0.011			
11/17/2007		0.021	0.027				
11/18/2007				0.012 (J)			
11/19/2007	0.023						
1/15/2008		0.013	0.022	0.088 (O)			
1/31/2008	0.028						
3/5/2008	0.022	0.11 (O)					
3/6/2008			0.021				
3/10/2008				0.0077			
5/7/2008	0.019	0.01	0.023				
5/13/2008				0.0055			
12/2/2008		0.12 (O)	0.024	0.0097			
12/12/2008	0.19 (O)						
4/16/2009		0.13 (O)					
4/28/2009			0.031	0.0042			
4/29/2009	0.14 (O)						
10/19/2009			0.027				
10/20/2009		0.05		0.0056			
10/21/2009	0.034						
4/20/2010		0.019					
4/27/2010			0.051 (O)	0.0039			
4/28/2010	0.11 (O)						
9/29/2010		0.017					
10/4/2010			0.028				
10/5/2010				0.0047			
10/6/2010	0.018						
4/12/2011		0.014					
4/18/2011			0.026				
4/19/2011				0.0071			
4/20/2011	0.015						
10/4/2011		0.017					
10/12/2011	0.019		0.026	0.0098			
4/4/2012		0.0182					
4/23/2012			0.0224				
4/25/2012	0.0158			0.0088			
10/2/2012	0.036						
10/10/2012		0.048	0.024	0.0093			
4/2/2013	0.039						
4/15/2013		0.03	0.029				
4/16/2013				0.0098			
10/8/2013	0.016						
10/22/2013		0.033	0.022	0.0097			
4/1/2014	0.017						
4/21/2014		0.033	0.025	0.008			
9/30/2014		0.027	0.022	0.0074			
10/1/2014	0.018						
3/31/2015	0.021						
4/3/2015		0.13 (O)	0.022	0.0076			

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				0.0088			
10/7/2015		0.047	0.023				
10/14/2015	0.013						
3/16/2016					<3 (O)	0.317695 (OD)	0.0244
4/4/2016	0.0222						
4/5/2016		0.0279	0.0308	0.00153 (J)			
5/16/2016					0.0418	0.006 (J)	0.0222
5/31/2016			0.0255	0.00589 (J)			
6/1/2016	0.0283	0.0249					
7/25/2016					0.0179	0.0056 (J)	0.02
8/4/2016			0.0227				
8/9/2016		0.0268					
9/19/2016					0.0152	0.0059 (J)	0.019
9/29/2016			0.0258				
11/3/2016					0.0127		0.0177
11/4/2016						0.0054 (J)	
11/23/2016			0.0263 (J)	<0.01			
11/28/2016		<0.01					
1/19/2017					0.0172		
1/20/2017							0.0173
1/23/2017						0.006 (J)	
2/9/2017		0.0119					
2/10/2017			0.025	0.0233			
2/22/2017	0.0561						
3/28/2017					0.0437		
3/29/2017						0.0058 (J)	0.0184
4/11/2017	0.0748	0.0112 (D)		0.0162			
4/12/2017			0.026				
6/5/2017					0.0747		
6/7/2017						0.0062 (J)	0.019
6/14/2017		<0.01					
6/15/2017			0.0244	0.0148			
6/16/2017	0.0661						
7/12/2017	0.0932	0.0105		0.0166			
7/26/2017				0.0146			
7/28/2017	0.0808						
8/10/2017	0.0743						
9/26/2017					0.0338		
9/27/2017						0.0056 (J)	0.0197
10/5/2017		0.0099 (J)					
10/6/2017	0.0699		0.0254	0.015			
12/28/2017	0.082 (Y)						
3/15/2018					0.059	0.0057 (J)	0.021
3/22/2018		0.011					
3/23/2018	0.086		0.021	0.013			
9/12/2018					0.032		
9/13/2018						0.0057 (J)	0.022
9/19/2018		0.013	0.02	0.015			
9/20/2018	0.093						
3/14/2019					0.077	0.0066 (J)	0.024
3/22/2019	0.086	0.014		0.014			
3/25/2019			0.021				

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/11/2019					0.036	0.0061 (J)	0.021
9/17/2019		0.015	0.023	0.014			
9/18/2019	0.097						
3/10/2020					0.059	0.0061 (J)	0.024
3/13/2020		0.017	0.02	0.014			
3/17/2020	0.097						
9/11/2020						0.006 (J)	0.021
9/15/2020					0.035		
9/21/2020		0.013	0.021	0.013			
9/22/2020	0.095						
3/11/2021					0.046	0.0059	0.022
3/18/2021		0.014	0.02	0.012			
3/19/2021	0.086						
8/4/2021					0.047		
8/6/2021						0.0061	0.023
8/11/2021		0.016	0.019	0.013			
8/12/2021	0.094						
1/31/2022					0.047		
2/1/2022						0.0072	0.026
2/4/2022	0.11	0.014	0.017				
2/7/2022				0.012			

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	0.023					
8/23/2007						0.043
10/25/2007	0.018					
11/1/2007						0.032
11/19/2007						0.049 (J)
11/20/2007	0.1 (O)					
1/15/2008						0.12 (O)
1/23/2008	0.031					
3/6/2008						0.075 (O)
3/11/2008	0.016					
5/13/2008						0.055
5/14/2008	0.024					
12/11/2008	0.022					
12/12/2008						0.16 (O)
4/16/2009						0.15 (O)
4/23/2009	0.012					
10/9/2009	0.11 (O)					
10/13/2009						0.05
4/21/2010						0.039
5/4/2010	0.096 (O)					
9/29/2010						0.033
10/11/2010	0.018					
4/13/2011						0.033
4/26/2011	0.01					
10/5/2011						0.035
10/18/2011	0.012			0.015		
4/4/2012						0.0422
4/30/2012				0.0192		
5/2/2012	0.0119					
10/3/2012				0.017		
10/8/2012	0.01					0.029
4/8/2013				0.018		0.042
4/10/2013	0.013					
10/8/2013	0.014					
10/9/2013				0.021		0.04
4/9/2014						0.038
4/10/2014				0.019		
4/14/2014	0.01					
9/30/2014						0.038
10/2/2014				0.014		
10/3/2014	0.014					
4/1/2015	0.013					
4/2/2015						0.039
4/3/2015				0.014		
5/26/2015		0.016			0.06	
6/18/2015		0.015 (D)			0.047 (D)	
7/2/2015		0.014			0.04	
10/8/2015				0.024	0.032	
10/9/2015	0.008	0.012				
10/10/2015						0.038 (D)
3/22/2016					0.0263	
3/29/2016	0.0239 (J)	0.000768 (J)				

Time Series

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				0.0163		0.0412
5/24/2016	0.00902 (J)	0.00847 (J)		0.0137		
5/25/2016					0.0178	
5/26/2016						0.0357
5/31/2016			0.0178			
8/1/2016	0.0091 (J)	0.0086 (J)				
8/2/2016			0.0394	0.0152	0.0265	
8/5/2016						0.03
9/26/2016	0.0124	0.0086 (J)			0.0267	
9/27/2016			0.032	0.0147		
9/28/2016						0.0308
11/14/2016		0.0083 (J)				
11/18/2016	0.0117					
11/21/2016			0.0316 (J)		0.0309 (J)	0.0356 (J)
11/22/2016				0.0174 (J)		
2/1/2017	0.0086 (J)	0.0096 (J)	0.0264			
2/3/2017					0.0289	
2/6/2017				0.0144		0.0391
4/6/2017	0.0083 (J)	0.0087 (J)	0.0245	0.0149		0.0402
4/7/2017					0.029	
6/13/2017	<0.01	<0.01	0.0247		0.027	0.0394
6/14/2017				0.0139		
7/14/2017			0.0245			
10/3/2017	0.0084 (J)	0.0098 (J)	0.0218		0.0292	0.0381
10/4/2017				0.015		
3/19/2018	0.0079 (J)					
3/20/2018		0.0088 (J)	0.024		0.029	0.039
3/21/2018				0.015		
9/17/2018	0.0065 (J)	0.0082 (J)				
9/18/2018			0.027	0.014	0.025	0.037
3/21/2019	0.0074 (J)	0.0075 (J)	0.03			0.042
3/27/2019				0.014		
5/6/2019					0.017	
9/13/2019			0.031			
9/16/2019	0.0075 (J)	0.0072 (J)		0.015 (D)	0.026	0.035
3/12/2020	0.0075 (J)	0.0072 (J)	0.022	0.014		0.044
3/16/2020					0.027	
9/16/2020	0.0074 (J)	0.0066 (J)	0.02			
9/17/2020				0.014	0.025	0.031
3/17/2021	0.0075	0.0072	0.022	0.014		
3/18/2021					0.018	0.041
8/10/2021	0.0074	0.0072	0.02	0.014	0.029	0.043
2/2/2022	0.0064	0.0066	0.015	0.013	0.024	0.044

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
9/30/2014	<0.0005	<0.0005	<0.0005				
10/4/2014						<0.0005	
3/30/2015	0.00029 (J)	<0.0005	<0.0005				
3/31/2015						<0.0005	
10/12/2015						<0.0005	
10/13/2015	<0.0005	<0.0005	<0.0005				
3/14/2016					<0.0005		
3/15/2016							<0.0005
3/22/2016	<0.0005						
3/23/2016		<0.0005	<0.0005			<0.0005	
5/11/2016					<0.0005		<0.0005
5/16/2016				<0.0005 (D)			
5/19/2016	<0.0005		<0.0005				
5/20/2016		<0.0005					
5/23/2016						<0.0005	
7/19/2016					<0.0005		
7/21/2016							<0.0005
7/27/2016				0.0004 (JD)			
7/29/2016	<0.0005	<0.0005	<0.0005			<0.0005	
9/15/2016					<0.0005		<0.0005
9/22/2016			<0.0005			<0.0005	
9/23/2016	<0.0005	<0.0005					
11/2/2016					<0.0005		
11/3/2016							<0.0005
11/9/2016	<0.0005	<0.0005					
11/10/2016			<0.0005			<0.0005	
1/17/2017							<0.0005
1/18/2017					<0.0005		
1/30/2017	<0.0005						
1/31/2017		<0.0005	<0.0005			<0.0005	
2/21/2017				<0.0005			
3/24/2017							<0.0005
3/27/2017				<0.0005 (D)			
3/28/2017					<0.0005		
3/30/2017	<0.0005	<0.0005				<0.0005	
4/3/2017			<0.0005				
5/24/2017							<0.0005
6/7/2017					<0.0005		
6/8/2017				<0.0005 (D)			
6/9/2017	<0.0005		<0.0005				
6/12/2017		<0.0005				<0.0005	
7/17/2017				<0.0005 (D)			
7/27/2017				<0.0005			
8/9/2017				<0.0005			
9/26/2017					<0.0005		<0.0005
9/29/2017				<0.0005 (D)			
10/2/2017	<0.0005	<0.0005	<0.0005				
10/4/2017						<0.0005	
3/14/2018					<0.0005		<0.0005
3/16/2018	<0.0005		<0.0005	<0.0005			
3/19/2018		<0.0005				<0.0005	
9/12/2018					<0.0005		<0.0005

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
9/14/2018		<0.0005	<0.0005	<0.0005			
9/17/2018	<0.0005 (D)					<0.0005	
3/13/2019							<0.0005
3/14/2019				<0.0005			
3/15/2019					<0.0005		
3/19/2019			<0.0005				
3/20/2019	<0.0005	<0.0005				<0.0005	
9/9/2019					<0.0005		<0.0005
9/12/2019	<0.0005	<0.0005 (D)					
9/13/2019			<0.0005			<0.0005	
3/9/2020				<0.0005	<0.0005		<0.0005
3/11/2020	<0.0005	<0.0005	<0.0005			<0.0005	
9/10/2020					<0.0005		
9/11/2020							<0.0005
9/15/2020	<0.0005	<0.0005	<0.0005				
9/16/2020				<0.0005			
3/10/2021							<0.0005
3/12/2021					<0.0005		
3/16/2021	<0.0005		<0.0005	<0.0005			
3/17/2021		<0.0005					
3/29/2021						<0.0005	
8/4/2021					<0.0005		<0.0005
8/6/2021				<0.0005			
8/9/2021	<0.0005	<0.0005	<0.0005			<0.0005	
1/31/2022					<0.0005		<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005				
2/2/2022				<0.0005		<0.0005	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/18/2018						<0.0005	
3/13/2019				<0.0005	<0.0005		
3/14/2019	<0.0005	5.2E-05 (J)	0.00017 (J)				
3/19/2019							<0.0005
3/21/2019						<0.0005 (D)	
9/10/2019	<0.0005 (D)	<0.0005	0.00015 (J)				
9/11/2019				<0.0005	<0.0005		
9/12/2019						<0.0005 (D)	
9/13/2019							<0.0005
3/6/2020	<0.0005		0.00017 (J)				
3/9/2020		<0.0005		<0.0005	<0.0005		
3/11/2020							<0.0005
3/12/2020						<0.0005	
9/10/2020	<0.0005	<0.0005	0.00014 (J)				
9/11/2020				6.9E-05 (J)			
9/14/2020					<0.0005		
9/16/2020							<0.0005
9/17/2020						<0.0005	
3/10/2021		<0.0005					
3/11/2021	<0.0005		0.00015 (J)	<0.0005	<0.0005		
3/16/2021						<0.0005	
3/17/2021							<0.0005
8/4/2021	<0.0005	<0.0005	0.00012 (J)				
8/5/2021					<0.0005		
8/6/2021				<0.0005			
8/9/2021							<0.0005
8/10/2021						<0.0005	
1/31/2022	<0.0005	<0.0005	0.00014 (J)	<0.0005	<0.0005		
2/1/2022							<0.0005
2/3/2022						<0.0005	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/1/2014	<0.0005						<0.0005
10/2/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/30/2015	0.0002 (J)						
4/1/2015				<0.0005	<0.0005	<0.0005	0.00022 (J)
4/2/2015		0.00015 (J)	<0.0005				
10/10/2015		8.5E-05 (J)					
10/11/2015	<0.0005			<0.0005	<0.0005		
10/12/2015			<0.0005				
10/14/2015						<0.0005	
10/15/2015							0.00018 (J)
3/28/2016	<0.0005						
3/31/2016		<0.0005	<0.0005				
4/4/2016				<0.0005	<0.0005	<0.0005	<0.0005
5/25/2016	<0.0005						
5/26/2016		<0.0005	<0.0005	<0.0005	<0.0005		
5/27/2016						<0.0005	
5/31/2016							<0.0005
8/1/2016	<0.0005						
8/3/2016			<0.0005	<0.0005		<0.0005	
8/4/2016					<0.0005		<0.0005
8/5/2016		<0.0005					
9/26/2016	<0.0005						
9/28/2016		<0.0005	<0.0005	<0.0005	<0.0005		
9/29/2016							9E-05 (J)
9/30/2016						<0.0005	
11/11/2016	<0.0005						
11/22/2016		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
11/28/2016							<0.0005
1/30/2017	<0.0005						
2/7/2017		<0.0005	<0.0005				
2/8/2017				<0.0005	<0.0005		
2/9/2017							<0.0005
2/13/2017						<0.0005	
4/3/2017	<0.0005						
4/10/2017		<0.0005	<0.0005	<0.0005	<0.0005		
4/11/2017						<0.0005	
4/12/2017							0.0001 (J)
6/12/2017	<0.0005						
6/14/2017		<0.0005	<0.0005			<0.0005	
6/15/2017				<0.0005	<0.0005		
6/16/2017							9E-05 (J)
10/2/2017	<0.0005						
10/4/2017		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/9/2017							<0.0005
3/16/2018	<0.0005						
3/20/2018		0.00019 (J)					
3/21/2018			<0.0005	<0.0005			<0.0005
3/22/2018					<0.0005	<0.0005	
9/18/2018	<0.0005	5.4E-05 (J)	<0.0005	<0.0005	<0.0005	<0.0005	
9/19/2018							7E-05 (J)
3/19/2019	<0.0005						
3/22/2019		0.00018 (J)	<0.0005				

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/30/2014		<0.0005	<0.0005	<0.0005			
10/1/2014	<0.0005						
3/31/2015	<0.0005						
4/3/2015		<0.0005	<0.0005	<0.0005			
10/6/2015				<0.0005			
10/7/2015		<0.0005	<0.0005				
10/14/2015	<0.0005						
3/16/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
4/4/2016	<0.0005 (D)						
4/5/2016		<0.0005	<0.0005	<0.0005			
5/16/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
5/31/2016			<0.0005	<0.0005			
6/1/2016	<0.0005 (D)	<0.0005					
7/25/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
8/4/2016			<0.0005				
8/9/2016		<0.0005					
9/19/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
9/29/2016			<0.0005				
11/3/2016					<0.0005		<0.0005 (D)
11/4/2016						<0.0005 (D)	
11/23/2016			<0.0005	<0.0005			
11/28/2016		<0.0005					
1/19/2017					<0.0005		
1/20/2017							<0.0005 (D)
1/23/2017						<0.0005 (D)	
2/9/2017		0.0001 (J)					
2/10/2017			<0.0005	<0.0005			
2/22/2017	<0.0005						
3/28/2017					8E-05 (J)		
3/29/2017						<0.0005 (D)	<0.0005 (D)
4/11/2017	<0.0005	<0.0005		<0.0005			
4/12/2017			<0.0005				
6/5/2017					9E-05 (J)		
6/7/2017						<0.0005	<0.0005
6/14/2017		<0.0005					
6/15/2017			<0.0005	<0.0005			
6/16/2017	<0.0005						
7/12/2017	<0.0005	<0.0005		<0.0005			
7/26/2017				<0.0005			
7/28/2017	<0.0005						
8/10/2017	<0.0005						
9/26/2017					<0.0005		
9/27/2017						<0.0005	<0.0005
10/5/2017		<0.0005					
10/6/2017	<0.0005		<0.0005	<0.0005			
3/15/2018					7.7E-05 (J)	<0.0005	<0.0005
3/22/2018		0.00103 (D)					
3/23/2018	<0.0005		<0.0005	<0.0005			
9/12/2018					<0.0005		
9/13/2018						<0.0005	<0.0005
9/19/2018		0.00014 (J)	<0.0005	<0.0005			
9/20/2018	<0.0005						

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/14/2019					7.8E-05 (J)	<0.0005 (D)	<0.0005 (D)
3/22/2019	<0.0005	9.4E-05 (J)		<0.0005			
3/25/2019			<0.0005				
9/11/2019					<0.0005	<0.0005 (D)	<0.0005 (D)
9/17/2019		0.00013 (X)	<0.0005	<0.0005			
9/18/2019	<0.0005						
3/10/2020					7.4E-05 (J)	<0.0005	<0.0005
3/13/2020		0.00016 (J)	<0.0005	<0.0005			
3/17/2020	<0.0005						
9/11/2020						<0.0005	5.6E-05 (J)
9/15/2020					5.7E-05 (J)		
9/21/2020		9.5E-05 (J)	<0.0005	<0.0005			
9/22/2020	<0.0005						
3/11/2021					6.4E-05 (J)	<0.0005	<0.0005
3/18/2021		0.00012 (J)	<0.0005	<0.0005			
3/19/2021	<0.0005						
8/4/2021					6.7E-05 (J)		
8/6/2021						<0.0005	<0.0005
8/11/2021		0.00011 (J)	<0.0005	<0.0005			
8/12/2021	<0.0005						
1/31/2022					6.5E-05 (J)		
2/1/2022						<0.0005	<0.0005
2/4/2022	<0.0005	0.00011 (J)	<0.0005				
2/7/2022				<0.0005			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
10/3/2014							0.00073 (J)
3/31/2015							0.00057 (J)
10/12/2015							0.00054 (J)
3/10/2016	<0.0005	<0.0005	<0.0005	<0.0005			
3/17/2016					<0.0005	<0.0005	
3/28/2016							<0.0005
5/17/2016	<0.0005			<0.0005			
5/18/2016		<0.0005	<0.0005		<0.0005	<0.0005	
5/25/2016							<0.0005
7/26/2016	<0.0005						
7/27/2016		<0.0005	<0.0005	0.0002 (J)	<0.0005		
7/28/2016						<0.0005	
8/1/2016							0.0006 (J)
9/20/2016	<0.0005	<0.0005	<0.0005	0.0002 (J)			
9/21/2016					<0.0005	<0.0005	
9/27/2016							0.0007 (J)
11/4/2016	<0.0005		<0.0005	0.0002 (J)	<0.0005		
11/7/2016		<0.0005				<0.0005	
11/11/2016							0.0007 (J)
1/20/2017	<0.0005		<0.0005				
1/23/2017		<0.0005		<0.0005			
1/24/2017					<0.0005	<0.0005	
1/31/2017							0.0007 (J)
3/28/2017	<0.0005			0.0002 (J)			
3/29/2017		<0.0005	<0.0005		<0.0005		
3/30/2017						<0.0005	
4/3/2017							0.0007 (J)
6/7/2017	<0.0005						
6/8/2017		<0.0005	<0.0005	0.0002 (J)	<0.0005		
6/9/2017						<0.0005	
6/12/2017							0.0004 (J)
9/27/2017		<0.0005	<0.0005				
9/29/2017	<0.0005			0.0002 (J)	<0.0005	<0.0005	
10/3/2017							0.0006 (J)
3/15/2018	<0.0005	<0.0005		0.00025 (J)	<0.0005	<0.0005	
3/16/2018			<0.0005				
3/19/2018							0.0005 (J)
9/13/2018	<0.0005	<0.0005	<0.0005	0.00026 (J)	<0.0005		
9/14/2018						<0.0005	
9/17/2018							0.00053 (J)
3/15/2019		<0.0005		0.00022 (J)			
3/18/2019	<0.0005				<0.0005		
3/19/2019			<0.0005			<0.0005	
3/20/2019							0.00046 (J)
9/11/2019	<0.0005		<0.0005	0.0003 (JD)	<0.0005	<0.0005	
9/12/2019		<0.0005					
9/16/2019							0.00051 (J)
3/9/2020		<0.0005	<0.0005	0.00028 (J)		<0.0005	
3/10/2020	<0.0005						
3/11/2020					<0.0005		
3/16/2020							0.00048 (J)
9/11/2020					<0.0005		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
9/14/2020	<0.0005	<0.0005		0.00033 (J)		<0.0005	
9/15/2020			<0.0005				
9/16/2020							0.00069 (J)
3/11/2021	<0.0005	<0.0005	<0.0005	0.00033 (J)			
3/15/2021					<0.0005	<0.0005	
3/17/2021							0.00061
8/4/2021				0.00031 (J)			
8/5/2021	<0.0005	<0.0005	<0.0005			<0.0005	
8/9/2021							0.00069
8/11/2021					<0.0005		
1/31/2022	<0.0005			0.00036 (J)			
2/1/2022		<0.0005	<0.0005		<0.0005	<0.0005	
2/2/2022							0.00075

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
9/30/2014						0.00013 (J)
10/2/2014				<0.0005		
10/3/2014	0.00024 (J)					
4/1/2015	0.00021 (J)					
4/2/2015						0.00028 (J)
4/3/2015				<0.0005		
5/26/2015		8.8E-05 (J)			<0.0005	
6/18/2015		<0.0005 (D)			0.0013 (D)	
7/2/2015		<0.0005			<0.0005	
10/8/2015				0.00025 (J)	<0.0005	
10/9/2015	<0.0005	<0.0005				
10/10/2015						0.000245 (JD)
3/22/2016					<0.0005	
3/29/2016	<0.0005	<0.0005				
3/30/2016				<0.0005		<0.0005
5/24/2016	<0.0005	<0.0005		<0.0005		
5/25/2016					<0.0005	
5/26/2016						<0.0005
5/31/2016			<0.0005			
8/1/2016	<0.0005	<0.0005				
8/2/2016			<0.0005	<0.0005	<0.0005	
8/5/2016						<0.0005
9/26/2016	<0.0005	<0.0005			<0.0005	
9/27/2016			<0.0005	<0.0005		
9/28/2016						<0.0005
11/14/2016		<0.0005				
11/18/2016	<0.0005					
11/21/2016			<0.0005		<0.0005	<0.0005
11/22/2016				<0.0005		
2/1/2017	<0.0005	<0.0005	<0.0005			
2/3/2017					<0.0005	
2/6/2017				<0.0005		0.0002 (J)
4/6/2017	<0.0005	<0.0005	<0.0005	<0.0005		0.0002 (J)
4/7/2017					<0.0005	
6/13/2017	<0.0005	<0.0005	<0.0005		<0.0005	0.0002 (J)
6/14/2017				<0.0005		
7/14/2017			<0.0005			
10/3/2017	<0.0005	<0.0005	<0.0005		<0.0005	0.0001 (J)
10/4/2017				<0.0005		
3/19/2018	6.6E-05 (J)					
3/20/2018		6.8E-05 (J)	<0.0005		<0.0005	0.00022 (J)
3/21/2018				<0.0005		
9/17/2018	<0.0005	5.8E-05 (J)				
9/18/2018			<0.0005	<0.0005	<0.0005	0.00014 (JD)
3/21/2019	<0.0005	7.6E-05 (J)	<0.0005			0.00015 (J)
3/27/2019				<0.0005		
5/6/2019					0.0001 (J)	
9/13/2019			<0.0005			
9/16/2019	<0.0005	<0.0005		<0.0005 (D)	<0.0005	0.0001 (J)
3/12/2020	<0.0005	9.3E-05 (J)	<0.0005	<0.0005		0.00022 (J)
3/16/2020					<0.0005	
9/16/2020	<0.0005	6.7E-05 (J)	<0.0005			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
9/17/2020				<0.0005	4.9E-05 (J)	4.8E-05 (J)
3/17/2021	<0.0005	<0.0005	<0.0005	<0.0005		
3/18/2021					8.5E-05 (J)	0.00016 (J)
8/10/2021	<0.0005	6.1E-05 (J)	<0.0005	<0.0005	6.2E-05 (J)	0.00015 (J)
2/2/2022	<0.0005	7E-05 (J)	<0.0005	<0.0005	6.4E-05 (J)	0.00018 (J)

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					<0.04		
3/15/2016							<0.04
3/22/2016	<0.04						
3/23/2016		<0.04	<0.04			<0.04	
5/11/2016					<0.04		<0.04
5/16/2016				<0.04 (D)			
5/19/2016	<0.04		<0.04				
5/20/2016		<0.04					
5/23/2016						<0.04	
7/19/2016					<0.04 (*)		
7/21/2016							<0.04
7/27/2016				<0.04 (*)			
7/29/2016	<0.04	<0.04	<0.04			<0.04	
9/15/2016					0.0067 (J)		<0.04
9/22/2016			<0.04			<0.04	
9/23/2016	<0.04	<0.04					
11/2/2016					<0.04		
11/3/2016							<0.04 (*)
11/9/2016	<0.04	<0.04					
11/10/2016			<0.04			<0.04	
1/17/2017							<0.04
1/18/2017					<0.04		
1/30/2017	<0.04						
1/31/2017		<0.04	<0.04			<0.04	
2/21/2017				0.0218 (JD)			
3/24/2017							<0.04
3/27/2017				0.0262 (JD)			
3/28/2017					<0.04		
3/30/2017	0.0065 (J)	<0.04				<0.04	
4/3/2017			<0.04				
5/24/2017							<0.04
6/7/2017					<0.04 (*)		
6/8/2017				0.0067 (JD)			
6/9/2017	<0.04		<0.04				
6/12/2017		<0.04				<0.04	
7/17/2017				0.0165 (JD)			
7/27/2017				0.0138 (JD)			
8/9/2017				0.0069 (JD)			
9/26/2017					<0.04		0.0075 (J)
9/29/2017				0.0066 (JD)			
10/2/2017	<0.04	<0.04	<0.04				
10/4/2017						<0.04	
3/14/2018					<0.04		0.0093 (J)
3/16/2018	<0.04		0.0077 (J)	0.0067 (J)			
3/19/2018		0.013 (J)				0.0057 (J)	
9/12/2018					<0.04		<0.04
9/14/2018		<0.04	<0.04	0.0059 (J)			
9/17/2018	0.00625 (JD)					<0.04	
3/13/2019							<0.04
3/14/2019				0.0059 (X)			
3/15/2019					0.005 (X)		
3/19/2019			0.014 (J)				

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/20/2019	0.0042 (J)	<0.04				<0.04	
9/9/2019					<0.04		<0.04
9/10/2019				0.0081 (X)			
9/12/2019	<0.04	<0.04 (D)					
9/13/2019			0.012 (J)			<0.04	
3/9/2020				0.0065 (J)	<0.04		0.0074 (J)
3/11/2020	<0.04	0.0068 (J)	0.017 (J)			0.0071 (J)	
9/10/2020					<0.04		
9/11/2020							<0.04
9/15/2020	0.01 (J)	0.0053 (J)	0.0074 (J)				
9/16/2020				0.015 (J)			
3/10/2021							<0.04
3/12/2021					0.011 (J)		
3/16/2021	<0.04		0.0061 (J)	<0.04			
3/17/2021		<0.04					
3/29/2021						<0.04	
8/4/2021					<0.04		<0.04
8/6/2021				<0.04			
8/9/2021	<0.04	<0.04	0.012 (J)			<0.04	
1/31/2022					<0.04		<0.04
2/1/2022	<0.04	<0.04	<0.04				
2/2/2022				<0.04		<0.04	

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			<0.04	<0.04	<0.04		
3/15/2016	<0.04	<0.04					
3/28/2016							<0.04
5/12/2016	<0.04						
5/13/2016		<0.04		<0.04	<0.04		
5/16/2016			<0.04				
5/23/2016							<0.04
7/19/2016				<0.04 (*)	<0.04 (*)		
7/20/2016	<0.04						
7/21/2016		<0.04 (*)					
7/22/2016			0.0076 (J)				
8/1/2016							<0.04
9/15/2016	<0.04						
9/16/2016				<0.04	0.0246 (J)		
9/19/2016			<0.04				
9/21/2016		<0.04 (*)					
9/26/2016							<0.04
11/2/2016				<0.04	0.0279 (J)		
11/3/2016	<0.04	<0.04	<0.04				
11/10/2016							<0.04
1/17/2017		<0.04	<0.04				
1/18/2017	<0.04			<0.04	0.0336 (J)		
1/30/2017							<0.04
2/22/2017						0.022 (JD)	
3/24/2017	0.0154 (J)						
3/27/2017		0.0173 (J)	0.0101 (J)				
3/28/2017				<0.04	0.0313 (J)		
4/7/2017						0.0082 (JD)	0.008 (J)
6/6/2017	<0.04	<0.04 (*)		<0.04 (*)	<0.04 (*)		
6/7/2017			<0.04 (*)				
6/12/2017							<0.04
6/14/2017						0.008 (JD)	
7/12/2017						0.0082 (JD)	
7/20/2017						0.0091 (JD)	
7/28/2017						<0.04 (D)	
8/9/2017						0.0071 (JD)	
8/24/2017						0.0062 (JD)	
9/22/2017				<0.04	0.0294 (J)		
9/25/2017	<0.04	0.0141 (J)					
9/26/2017			<0.04				
10/2/2017							<0.04
10/3/2017						0.006 (JD)	
3/14/2018	0.011 (J)	0.014 (J)	<0.04	<0.04			
3/15/2018					0.018 (J)		
3/16/2018							<0.04
3/21/2018						0.0062 (J)	
9/12/2018	<0.04	0.013 (J)		<0.04	0.018 (J)		
9/14/2018			<0.04				
9/17/2018							<0.04
9/18/2018						0.0096 (J)	
3/13/2019				<0.04	0.012 (X)		
3/14/2019	0.007 (X)	0.015 (X)	<0.04				

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/19/2019							<0.04
3/21/2019						0.0066 (JD)	
9/10/2019	<0.04	0.015 (X)	<0.04				
9/11/2019				0.0059 (X)	0.021 (X)		
9/12/2019						0.012 (JD)	
9/13/2019							<0.04
3/6/2020	0.013 (J)		0.0068 (J)				
3/9/2020		0.021 (J)		<0.04	0.017 (J)		
3/11/2020							0.0063 (J)
3/12/2020						0.014 (J)	
9/10/2020	<0.04	0.016 (J)	<0.04				
9/11/2020				<0.04			
9/14/2020					0.018 (J)		
9/16/2020							<0.04
9/17/2020						0.015 (J)	
3/10/2021		0.0098 (J)					
3/11/2021	0.0075 (J)		<0.04	<0.04	0.017 (J)		
3/16/2021						0.0092 (J)	
3/17/2021							<0.04
8/4/2021	<0.04	0.01 (J)	<0.04				
8/5/2021					0.0098 (J)		
8/6/2021				<0.04			
8/9/2021							<0.04
8/10/2021						0.01 (J)	
1/31/2022	<0.04	0.016 (J)	<0.04	<0.04	0.011 (J)		
2/1/2022							<0.04
2/3/2022						<0.04	

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	<0.04						
3/31/2016		<0.04	<0.04				
4/4/2016				<0.04	<0.04	<0.04	<0.04
5/25/2016	<0.04						
5/26/2016		<0.04	<0.04	<0.04	<0.04		
5/27/2016						<0.04	
5/31/2016							<0.04
8/1/2016	<0.04						
8/3/2016			<0.04	<0.04		<0.04	
8/4/2016					<0.04		<0.04
8/5/2016		<0.04					
9/26/2016	<0.04						
9/28/2016		<0.04	0.0169 (J)	<0.04	<0.04		
9/29/2016							0.0192 (J)
9/30/2016						<0.04	
11/11/2016	0.0193 (J)						
11/22/2016		<0.04	0.0067 (J)	<0.04	0.0072 (J)	<0.04	
11/28/2016							0.0124 (J)
1/30/2017	<0.04						
2/7/2017		<0.04	<0.04				
2/8/2017				0.0085 (J)	0.0069 (J)		
2/9/2017							0.0157 (J)
2/13/2017						<0.04	
4/3/2017	<0.04						
4/10/2017		<0.04	<0.04	<0.04	<0.04		
4/11/2017						<0.04	
4/12/2017							0.0183 (J)
6/12/2017	<0.04						
6/14/2017		<0.04	<0.04			<0.04	
6/15/2017				<0.04	<0.04		
6/16/2017							0.0269 (J)
10/2/2017	<0.04						
10/4/2017		<0.04	<0.04	<0.04	0.0065 (J)	<0.04	
10/9/2017							0.0383 (J)
3/16/2018	<0.04						
3/20/2018		0.004 (J)					
3/21/2018			<0.04	<0.04			0.021 (J)
3/22/2018					<0.04	<0.04	
9/18/2018	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
9/19/2018							0.026 (J)
3/19/2019	<0.04						
3/22/2019		<0.04	<0.04				
3/23/2019				<0.04	<0.04	<0.04	0.012 (J)
9/12/2019	<0.04						
9/17/2019		<0.04	<0.04	<0.04	<0.04	<0.04 (D)	
9/18/2019							0.017 (J)
3/11/2020	0.007 (J)						
3/12/2020		<0.04	0.005 (J)	<0.04	0.0058 (J)	<0.04	
3/13/2020							0.014 (J)
9/15/2020	<0.04						
9/17/2020		<0.04	<0.04				
9/21/2020				<0.04	<0.04	<0.04	

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					<0.04	<0.04 (D)	<0.04 (D)
4/4/2016	<0.04						
4/5/2016		<0.04	<0.04	<0.04			
5/16/2016					<0.04	<0.04 (D)	<0.04 (D)
5/31/2016			<0.04	<0.04			
6/1/2016	<0.04	<0.04					
7/25/2016					<0.04	<0.04 (D)	0.0054 (JD)
8/4/2016			<0.04				
8/9/2016		0.0996 (O)					
9/19/2016					<0.04	<0.04 (D)	<0.04 (D)
9/29/2016			0.0106 (J)				
11/3/2016					<0.04		<0.04 (D)
11/4/2016						<0.04 (D)	
11/23/2016			0.0099 (J)	0.0076 (J)			
11/28/2016		0.0072 (J)					
1/19/2017					<0.04		
1/20/2017							<0.04 (D)
1/23/2017						0.0086 (JD)	
2/9/2017		<0.04					
2/10/2017			<0.04	<0.04			
2/22/2017	0.02 (J)						
3/28/2017					0.0113 (J)		
3/29/2017						<0.04 (D)	<0.04 (D)
4/11/2017	<0.04	<0.04		<0.04			
4/12/2017			0.009 (J)				
6/5/2017					<0.04 (*)		
6/7/2017						<0.04 (*)	<0.04 (*)
6/14/2017		<0.04					
6/15/2017			<0.04	<0.04			
6/16/2017	0.0163 (J)						
7/12/2017	0.0117 (J)	<0.04		<0.04			
7/26/2017				<0.04			
7/28/2017	0.0071 (J)						
8/10/2017	0.0093 (J)						
9/26/2017					0.0084 (J)		
9/27/2017						<0.04	<0.04
10/5/2017		0.0068 (J)					
10/6/2017	0.0148 (J)		<0.04	0.0071 (J)			
3/15/2018					0.014 (J)	0.0077 (J)	0.0063 (J)
3/22/2018		<0.04					
3/23/2018	0.017 (J)		0.0053 (J)	0.0092 (J)			
9/12/2018					0.0051 (J)		
9/13/2018						<0.04	<0.04
9/19/2018		<0.04	0.0049 (J)	0.0046 (J)			
9/20/2018	0.016 (J)						
3/14/2019					0.018 (X)	<0.04 (D)	0.006 (D)
3/22/2019	0.013 (J)	<0.04		<0.04			
3/25/2019			<0.04				
9/11/2019					0.0088 (X)	<0.04 (D)	<0.04 (D)
9/17/2019		<0.04	<0.04	<0.04			
9/18/2019	0.014 (X)						
3/10/2020					0.019 (J)	<0.04	0.009 (J)

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/13/2020		0.0081 (J)	0.0064 (J)	0.0054 (J)			
3/17/2020	0.017 (J)						
9/11/2020						<0.04	0.0056 (J)
9/15/2020					0.0089 (J)		
9/21/2020		<0.04	0.0075 (J)	<0.04			
9/22/2020	0.01 (J)						
3/11/2021					0.016 (J)	<0.04	0.006 (J)
3/18/2021		<0.04	<0.04	<0.04			
3/19/2021	0.014 (J)						
8/4/2021					0.016 (J)		
8/6/2021						<0.04	<0.04
8/11/2021		<0.04	<0.04	<0.04			
8/12/2021	0.014 (J)						
1/31/2022					0.015 (J)		
2/1/2022						0.019 (J)	0.022 (J)
2/4/2022	0.017 (J)	<0.04	<0.04				
2/7/2022				<0.04			

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	<0.04	<0.04	<0.04	<0.04			
3/15/2021					0.01 (J)	0.0066 (J)	
3/17/2021							<0.04
8/4/2021				<0.04			
8/5/2021	<0.04	<0.04	<0.04			<0.04	
8/9/2021							<0.04
8/11/2021					<0.04		
1/31/2022	<0.04			<0.04			
2/1/2022		0.011 (J)	0.01 (J)		<0.04	0.0087 (J)	
2/2/2022							<0.04

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.0005	<0.0005	<0.0005			<0.0005	
10/23/2007	<0.0005						
10/24/2007		<0.0005	<0.0005				
11/2/2007						<0.0005	
11/18/2007	<0.0005	<0.0005	<0.0005			<0.0005	
1/30/2008	<0.0005						
1/31/2008		<0.0005	<0.0005			<0.0005	
3/10/2008	<0.0005		<0.0005				
3/11/2008		<0.0005				<0.0005	
5/6/2008		<0.0005					
5/13/2008	<0.0005		<0.0005				
5/14/2008						<0.0005	
12/4/2008		<0.0005	<0.0005				
12/5/2008	<0.0005					<0.0005	
4/15/2009	<0.0005					<0.0005	
4/21/2009		<0.0005	<0.0005				
10/7/2009	<0.0005	<0.0005					
10/8/2009			<0.0005			<0.0005	
4/21/2010			<0.0005				
4/26/2010		<0.0005					
4/28/2010						<0.0005	
5/3/2010	<0.0005						
9/28/2010			<0.0005				
10/4/2010		<0.0005					
10/6/2010						<0.0005	
10/12/2010	<0.0005						
4/12/2011			<0.0005				
4/13/2011		<0.0005					
4/21/2011						<0.0005	
4/27/2011	<0.0005						
10/4/2011			<0.0005				
10/5/2011		<0.0005					
10/13/2011						<0.0005	
10/17/2011	<0.0005						
4/3/2012			<0.0005				
4/11/2012		<0.0005					
5/1/2012						<0.0005	
5/2/2012	<0.0005						
10/8/2012	<0.0005						
10/9/2012		<0.0005	<0.0005			<0.0005	
4/11/2013			<0.0005			<0.0005	
4/12/2013	<0.0005						
4/15/2013		<0.0005					
10/15/2013		<0.0005					
10/16/2013	<0.0005		<0.0005			<0.0005	
4/10/2014			<0.0005				
4/11/2014	<0.0005						
4/22/2014		<0.0005					
4/23/2014						<0.0005	
9/30/2014	<0.0005	<0.0005	<0.0005				
10/4/2014						<0.0005	
3/30/2015	<0.0005	<0.0005	<0.0005				

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.0005			
3/15/2019					<0.0005		
3/19/2019			<0.0005				
3/20/2019	<0.0005	<0.0005				<0.0005	
9/9/2019					<0.0005		<0.0005
9/12/2019	<0.0005	<0.0005 (D)					
9/13/2019			<0.0005			<0.0005	
3/9/2020				<0.0005	<0.0005		<0.0005
3/11/2020	<0.0005	<0.0005	<0.0005			<0.0005	
9/10/2020					<0.0005		
9/11/2020							<0.0005
9/15/2020	<0.0005	<0.0005	<0.0005				
9/16/2020				<0.0005			
3/10/2021							<0.0005
3/12/2021					<0.0005		
3/16/2021	<0.0005		<0.0005	<0.0005			
3/17/2021		<0.0005					
3/29/2021						<0.0005	
8/4/2021					<0.0005		<0.0005
8/6/2021				<0.0005			
8/9/2021	<0.0005	<0.0005	<0.0005			<0.0005	
1/31/2022					<0.0005		<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005				
2/2/2022				<0.0005		<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.0005
4/23/2009							<0.0005
10/6/2009							<0.0005
4/27/2010							<0.0005
9/30/2010							<0.0005
4/14/2011							<0.0005
10/5/2011							<0.0005
4/11/2012							<0.0005
10/2/2012							<0.0005
4/9/2013							<0.0005
10/15/2013							<0.0005
4/10/2014							<0.0005
10/1/2014							<0.0005
3/30/2015							<0.0005
10/11/2015							0.00026 (J)
3/11/2016			0.000121 (J)	<0.0005	<0.0005		
3/15/2016	<0.0005	<0.0005					
3/28/2016							<0.0005
5/12/2016	<0.0005						
5/13/2016		<0.0005		<0.0005	<0.0005		
5/16/2016			0.000145 (J)				
5/23/2016							<0.0005
7/19/2016				<0.0005	<0.0005		
7/20/2016	<0.0005						
7/21/2016		<0.0005					
7/22/2016			<0.0005				
8/1/2016							<0.0005
9/15/2016	<0.0005						
9/16/2016				<0.0005	<0.0005		
9/19/2016			0.0001 (J)				
9/21/2016		<0.0005					
9/26/2016							<0.0005
11/2/2016				<0.0005	<0.0005		
11/3/2016	<0.0005	<0.0005	8E-05 (J)				
11/10/2016							<0.0005
1/17/2017		<0.0005	0.0001 (J)				
1/18/2017	<0.0005			<0.0005	<0.0005		
1/30/2017							<0.0005
2/22/2017						<0.0005	
3/24/2017	<0.0005						
3/27/2017		<0.0005	0.0002 (J)				
3/28/2017				<0.0005	<0.0005		
4/7/2017						<0.0005	<0.0005
6/6/2017	<0.0005	<0.0005		8E-05 (J)	<0.0005		
6/7/2017			0.0001 (J)				
6/12/2017							<0.0005
6/14/2017						<0.0005 (D)	
7/12/2017						<0.0005 (D)	
7/20/2017						<0.0005 (D)	
7/28/2017						<0.0005	
8/9/2017						<0.0005	
8/24/2017						<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.0005	<0.0005		
9/25/2017	<0.0005	<0.0005					
9/26/2017			<0.0005				
10/2/2017							<0.0005
10/3/2017						<0.0005 (D)	
3/14/2018	<0.0005	<0.0005	0.00011 (J)	<0.0005			
3/15/2018					<0.0005		
3/16/2018							<0.0005
3/21/2018						<0.0005	
9/12/2018	<0.0005	<0.0005		<0.0005	<0.0005		
9/14/2018			0.00013 (J)				
9/17/2018							<0.0005
9/18/2018						<0.0005	
3/13/2019				<0.0005	<0.0005		
3/14/2019	<0.0005	<0.0005	0.00013 (J)				
3/19/2019							<0.0005
3/21/2019						<0.0005 (D)	
9/10/2019	<0.0005 (D)	<0.0005	0.00014 (J)				
9/11/2019				<0.0005	<0.0005		
9/12/2019						<0.0005 (D)	
9/13/2019							<0.0005
3/6/2020	<0.0005		0.00014 (J)				
3/9/2020		<0.0005		<0.0005	<0.0005		
3/11/2020							<0.0005
3/12/2020						<0.0005	
9/10/2020	<0.0005	<0.0005	0.00015 (J)				
9/11/2020				<0.0005			
9/14/2020					<0.0005		
9/16/2020							<0.0005
9/17/2020						<0.0005	
3/10/2021		<0.0005					
3/11/2021	<0.0005		0.00017 (J)	<0.0005	<0.0005		
3/16/2021						<0.0005	
3/17/2021							0.00012 (J)
8/4/2021	<0.0005	<0.0005	0.00014 (J)				
8/5/2021					<0.0005		
8/6/2021				<0.0005			
8/9/2021							<0.0005
8/10/2021						<0.0005	
1/31/2022	<0.0005	<0.0005	0.00018 (J)	<0.0005	<0.0005		
2/1/2022							<0.0005
2/3/2022						<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/1/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/18/2007				<0.0005	<0.0005		
11/19/2007						<0.0005	<0.0005
11/20/2007		<0.0005	<0.0005				
1/16/2008						<0.0005	
1/30/2008		<0.0005	<0.0005	<0.0005	<0.0005		
1/31/2008							<0.0005
3/5/2008				<0.0005		<0.0005	<0.0005
3/6/2008		<0.0005	<0.0005		<0.0005		
5/7/2008				<0.0005	<0.0005		
5/8/2008			<0.0005				
5/12/2008		<0.0005					<0.0005
5/13/2008						<0.0005	
12/12/2008	<0.0005						
12/13/2008		<0.0005				<0.0005	<0.0005
12/14/2008			<0.0005	<0.0005	<0.0005		
4/16/2009						<0.0005	
4/23/2009	<0.0005						
4/28/2009							<0.0005
4/29/2009		<0.0005	<0.0005	<0.0005	<0.0005		
10/6/2009	<0.0005						
10/20/2009		<0.0005					
10/21/2009			<0.0005			<0.0005	<0.0005
10/22/2009				<0.0005	<0.0005		
4/21/2010			<0.0005	<0.0005	<0.0005		
4/26/2010		<0.0005					
4/27/2010						<0.0005	
4/28/2010							<0.0005
5/3/2010	<0.0005						
9/28/2010			<0.0005	<0.0005			
9/29/2010		<0.0005			<0.0005		
10/5/2010						<0.0005	<0.0005
10/11/2010	<0.0005						
4/12/2011			<0.0005	<0.0005			
4/13/2011		<0.0005			<0.0005		
4/19/2011						<0.0005	<0.0005
4/27/2011	<0.0005						
10/4/2011			<0.0005	<0.0005	<0.0005		
10/5/2011		<0.0005					
10/12/2011						<0.0005	
10/18/2011							<0.0005
10/19/2011	<0.0005						
4/3/2012			<0.0005	<0.0005			
4/4/2012		<0.0005			<0.0005		
4/24/2012						<0.0005	
4/25/2012							<0.0005
5/1/2012	<0.0005						
10/2/2012	<0.0005					<0.0005	<0.0005
10/3/2012		<0.0005		<0.0005	<0.0005		
10/8/2012			<0.0005				
4/2/2013						<0.0005	<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.0005	<0.0005	<0.0005	<0.0005		
4/10/2013	<0.0005						
10/8/2013							<0.0005
10/9/2013				<0.0005	<0.0005	<0.0005	
10/15/2013		<0.0005	<0.0005				
10/16/2013	<0.0005						
4/1/2014						<0.0005	<0.0005
4/2/2014				<0.0005	<0.0005		
4/9/2014		<0.0005	<0.0005				
4/22/2014	<0.0005						
10/1/2014	<0.0005						<0.0005
10/2/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/30/2015	<0.0005						
4/1/2015				<0.0005	0.00033 (J)	<0.0005	<0.0005
4/2/2015		<0.0005	<0.0005				
10/10/2015		<0.0005					
10/11/2015	<0.0005			<0.0005	0.00056 (J)		
10/12/2015			<0.0005				
10/14/2015						0.00025 (J)	
10/15/2015							<0.0005
3/28/2016	<0.0005						
3/31/2016		<0.0005	<0.0005				
4/4/2016				<0.0005	<0.0005	0.000136 (J)	<0.0005
5/25/2016	<0.0005						
5/26/2016		<0.0005	<0.0005	<0.0005	<0.0005		
5/27/2016						0.000131 (J)	
5/31/2016							<0.0005
8/1/2016	<0.0005						
8/3/2016			<0.0005	<0.0005		<0.0005	
8/4/2016					<0.0005		<0.0005
8/5/2016		<0.0005					
9/26/2016	<0.0005						
9/28/2016		<0.0005	0.0002 (J)	<0.0005	<0.0005		
9/29/2016							<0.0005
9/30/2016						9E-05 (J)	
11/11/2016	<0.0005						
11/22/2016		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
11/28/2016							<0.0005
1/30/2017	<0.0005						
2/7/2017		<0.0005	<0.0005				
2/8/2017				<0.0005	<0.0005		
2/9/2017							<0.0005
2/13/2017						0.0001 (J)	
4/3/2017	<0.0005						
4/10/2017		<0.0005	<0.0005	<0.0005	<0.0005		
4/11/2017						0.0003 (J)	
4/12/2017							<0.0005
6/12/2017	<0.0005						
6/14/2017		<0.0005	<0.0005			0.0003 (J)	
6/15/2017				<0.0005	<0.0005		
6/16/2017							<0.0005
10/2/2017	<0.0005						

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.0005						
8/23/2007			<0.0005				
8/24/2007		<0.0005		<0.0005			
11/1/2007	<0.0005						
11/2/2007		<0.0005	<0.0005	<0.0005			
11/17/2007		<0.0005	<0.0005				
11/18/2007				<0.0005			
11/19/2007	<0.0005						
1/15/2008		<0.0005	<0.0005	<0.0005			
1/31/2008	<0.0005						
3/5/2008	<0.0005	<0.0005					
3/6/2008			<0.0005				
3/10/2008				<0.0005			
5/7/2008	<0.0005	<0.0005	<0.0005				
5/13/2008				<0.0005			
12/2/2008		<0.0005	<0.0005	<0.0005			
12/12/2008	<0.0005						
4/16/2009		<0.0005					
4/28/2009			<0.0005	<0.0005			
4/29/2009	<0.0005						
10/19/2009			<0.0005				
10/20/2009		<0.0005		<0.0005			
10/21/2009	<0.0005						
4/20/2010		<0.0005					
4/27/2010			<0.0005	<0.0005			
4/28/2010	<0.0005						
9/29/2010		<0.0005					
10/4/2010			<0.0005				
10/5/2010				<0.0005			
10/6/2010	<0.0005						
4/12/2011		<0.0005					
4/18/2011			<0.0005				
4/19/2011				<0.0005			
4/20/2011	<0.0005						
10/4/2011		<0.0005					
10/12/2011	<0.0005		<0.0005	<0.0005			
4/4/2012		<0.0005					
4/23/2012			<0.0005				
4/25/2012	<0.0005			<0.0005			
10/2/2012	<0.0005						
10/10/2012		<0.0005	<0.0005	<0.0005			
4/2/2013	<0.0005						
4/15/2013		<0.0005	<0.0005				
4/16/2013				<0.0005			
10/8/2013	<0.0005						
10/22/2013		<0.0005	<0.0005	<0.0005			
4/1/2014	<0.0005						
4/21/2014		<0.0005	<0.0005	<0.0005			
9/30/2014		<0.0005	<0.0005	<0.0005			
10/1/2014	<0.0005						
3/31/2015	<0.0005						
4/3/2015		<0.0005	<0.0005	<0.0005			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.0005			
10/7/2015		<0.0005	0.00028 (J)				
10/14/2015	<0.0005						
3/16/2016					<0.0005	<0.0005 (D)	0.0084065 (D)
4/4/2016	<0.0005						
4/5/2016		<0.0005	0.027 (O)	<0.0005			
5/16/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
5/31/2016			0.000206 (J)	<0.0005			
6/1/2016	<0.0005	<0.0005					
7/25/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
8/4/2016			<0.0005				
8/9/2016		<0.0005					
9/19/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
9/29/2016			0.0002 (J)				
11/3/2016					<0.0005		<0.0005 (D)
11/4/2016						<0.0005 (D)	
11/23/2016			0.0001 (J)	<0.0005			
11/28/2016		<0.0005					
1/19/2017					<0.0005		
1/20/2017							<0.0005 (D)
1/23/2017						<0.0005 (D)	
2/9/2017		0.0001 (J)					
2/10/2017			<0.0005	<0.0005			
2/22/2017	<0.0005						
3/28/2017					<0.0005		
3/29/2017						<0.0005 (D)	<0.0005 (D)
4/11/2017	<0.0005	<0.0005		<0.0005			
4/12/2017			<0.0005				
6/5/2017					8E-05 (J)		
6/7/2017						<0.0005	<0.0005
6/14/2017		<0.0005					
6/15/2017			<0.0005	<0.0005			
6/16/2017	<0.0005						
7/12/2017	<0.0005	<0.0005		<0.0005			
7/26/2017				<0.0005			
7/28/2017	<0.0005						
8/10/2017	<0.0005						
9/26/2017					<0.0005		
9/27/2017						<0.0005	<0.0005
10/5/2017		<0.0005					
10/6/2017	<0.0005		<0.0005	<0.0005			
3/15/2018					<0.0005	<0.0005	<0.0005
3/22/2018		<0.0005					
3/23/2018	<0.0005		<0.0005	<0.0005			
9/12/2018					<0.0005		
9/13/2018						<0.0005	<0.0005
9/19/2018		<0.0005	<0.0005	<0.0005			
9/20/2018	<0.0005						
3/14/2019					<0.0005	<0.0005 (D)	<0.0005 (D)
3/22/2019	<0.0005	<0.0005		<0.0005			
3/25/2019			<0.0005				
9/11/2019					<0.0005	<0.0005 (D)	<0.0005 (D)

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.0005	<0.0005	<0.0005			
9/18/2019	<0.0005						
3/10/2020					<0.0005	<0.0005	<0.0005
3/13/2020		<0.0005	<0.0005	<0.0005			
3/17/2020	<0.0005						
9/11/2020						<0.0005	<0.0005
9/15/2020					<0.0005		
9/21/2020		<0.0005	<0.0005	<0.0005			
9/22/2020	<0.0005						
3/11/2021					<0.0005	<0.0005	<0.0005
3/18/2021		<0.0005	<0.0005	<0.0005			
3/19/2021	<0.0005						
8/4/2021					<0.0005		
8/6/2021						<0.0005	<0.0005
8/11/2021		<0.0005	<0.0005	<0.0005			
8/12/2021	<0.0005						
1/31/2022					<0.0005		
2/1/2022						<0.0005	<0.0005
2/4/2022	<0.0005	<0.0005	<0.0005				
2/7/2022				<0.0005			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.0005					
8/23/2007						<0.0005
10/25/2007	<0.0005					
11/1/2007						<0.0005
11/19/2007						<0.0005
11/20/2007	<0.0005					
1/15/2008						<0.0005
1/23/2008	<0.0005					
3/6/2008						<0.0005
3/11/2008	<0.0005					
5/13/2008						<0.0005
5/14/2008	<0.0005					
12/11/2008	<0.0005					
12/12/2008						<0.0005
4/16/2009						<0.0005
4/23/2009	<0.0005					
10/9/2009	<0.0005					
10/13/2009						<0.0005
4/21/2010						<0.0005
5/4/2010	<0.0005					
9/29/2010						<0.0005
10/11/2010	<0.0005					
4/13/2011						<0.0005
4/26/2011	<0.0005					
10/5/2011						<0.0005
10/18/2011	<0.0005			<0.0005		
4/4/2012						<0.0005
4/30/2012				<0.0005		
5/2/2012	<0.0005					
10/3/2012				<0.0005		
10/8/2012	<0.0005					<0.0005
4/8/2013				<0.0005		<0.0005
4/10/2013	<0.0005					
10/8/2013	<0.0005					
10/9/2013				<0.0005		<0.0005
4/9/2014						<0.0005
4/10/2014				<0.0005		
4/14/2014	<0.0005					
9/30/2014						<0.0005
10/2/2014				<0.0005		
10/3/2014	<0.0005					
4/1/2015	<0.0005					
4/2/2015						<0.0005
4/3/2015				<0.0005		
5/26/2015		<0.0005			<0.0005	
6/18/2015		<0.0005 (D)			<0.0005 (D)	
7/2/2015		<0.0005			<0.0005	
10/8/2015				<0.0005	<0.0005	
10/9/2015	<0.0005	<0.0005				
10/10/2015						<0.0005 (D)
3/22/2016					<0.0005	
3/29/2016	<0.0005	<0.0005				

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					20		
3/15/2016							24
3/22/2016	32.6						
3/23/2016		54.1	46.5			2.05	
5/11/2016					9.76		22.1
5/16/2016				27.8 (D)			
5/19/2016	33.4		24.6				
5/20/2016		23.9					
5/23/2016						1.29	
7/19/2016					3.04		
7/21/2016							19.3
7/27/2016				21.2 (D)			
7/29/2016	26	25.3	14.9			1.29	
9/15/2016					4.78		18.2
9/22/2016			15			1.51	
9/23/2016	28.8	26.6					
11/2/2016					2.46		
11/3/2016							18.2
11/9/2016	27.9	16.1					
11/10/2016			12.6			1.54	
1/17/2017							22
1/18/2017					5.46		
1/30/2017	29.2						
1/31/2017		5.68	16.5			1.34	
2/21/2017				31.7 (D)			
3/24/2017							21.1
3/27/2017				31.9 (D)			
3/28/2017					13		
3/30/2017	30	25.2				1.31	
4/3/2017			16.6				
5/24/2017							23.5
6/7/2017					17		
6/8/2017				35 (D)			
6/9/2017	30.9		17.8				
6/12/2017		34.2				1.4	
7/17/2017				35.9 (D)			
7/27/2017				34.9 (D)			
8/9/2017				33.7 (D)			
9/26/2017					24.9		24.1
9/29/2017				33.4 (D)			
10/2/2017	31.5	1.69	20.6				
10/4/2017						1.13	
12/28/2017					17.9 (Y)		
3/14/2018					26.4		25.7
3/16/2018	28.5		33	32.6			
3/19/2018		63				1.2	
9/12/2018					25.1		18.4 (J)
9/14/2018		2.4	22.8 (J)	29.2			
9/17/2018	30.8					0.95	
3/13/2019							23.8 (X)
3/14/2019				33			
3/15/2019					20.3 (X)		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/19/2019			59.2				
3/20/2019	30.1	4.3				0.96	
9/9/2019					11.3		15.4
9/10/2019				33.8			
9/12/2019	31.9	1.8					
9/13/2019			27			0.94	
3/9/2020				35.6	3.2		29.4
3/11/2020	31.8	66.6	46.8			1	
9/10/2020					1		
9/11/2020							17.7
9/15/2020	30.8	18.4	21.4				
9/16/2020				34.9			
3/10/2021							22.8
3/12/2021					11		
3/16/2021	34.6		26.7	32.4			
3/17/2021		40.4					
3/29/2021						19	
8/4/2021					10.6		17.1
8/6/2021				33			
8/9/2021	32	41	31.5			19.4	
1/31/2022					12.7		18.5
2/1/2022	34.1	48	34.1				
2/2/2022				32.6		22.6	

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			31	13	30		
3/15/2016	24	38					
3/28/2016							3.89
5/12/2016	15.5						
5/13/2016		36		18.7	27.8		
5/16/2016			32				
5/23/2016							2.16
7/19/2016				12	25.3		
7/20/2016	16.5						
7/21/2016		33.5					
7/22/2016			28.5				
8/1/2016							1.37
9/15/2016	6.1						
9/16/2016				8.48	27.5		
9/19/2016			28.6				
9/21/2016		31.9					
9/26/2016							1.86
11/2/2016				11.4	26.2		
11/3/2016	13.7	28.9	26.6				
11/10/2016							1.86
1/17/2017		31.4	28.7				
1/18/2017	13.1			6.81	26.6		
1/30/2017							2.86
2/22/2017						54.7 (D)	
3/24/2017	17.3						
3/27/2017		31.7	30.4				
3/28/2017				5.61	29		
4/7/2017						46.8 (D)	2.34
6/6/2017	29.1	42.9		4.99	29.3		
6/7/2017			31.3				
6/12/2017							1.87
6/14/2017						52.4 (D)	
7/12/2017						51.1 (D)	
7/20/2017						47.5 (D)	
7/28/2017						44 (D)	
8/9/2017						48.3 (D)	
8/24/2017						41.9 (D)	
9/22/2017				4.24	32.2		
9/25/2017	17.6	29.3					
9/26/2017			29.5				
10/2/2017							2.53
10/3/2017						47.7 (D)	
12/28/2017					29 (Y)		
3/14/2018	39.6	41.4	32.6	3.6			
3/15/2018					28		
3/16/2018							1.8
3/21/2018						47.5	
9/12/2018	14.2 (J)	29		3.7	28.7		
9/14/2018			30.5				
9/17/2018							2.3
9/18/2018						48.1	
3/13/2019				2.9	29.2		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	22.7 (X)	31.9	32				
3/19/2019							4.2
3/21/2019						49.9 (D)	
9/10/2019	6	29.6	34				
9/11/2019				3.2	29.5		
9/12/2019						49.9 (D)	
9/13/2019							1.9
3/6/2020	29.2		38				
3/9/2020		25.5		2.6	31.7		
3/11/2020							1.6
3/12/2020						54.2	
9/10/2020	13.5	22.9	31.1				
9/11/2020				9			
9/14/2020					31		
9/16/2020							1.7
9/17/2020						48.4	
3/10/2021		40.3					
3/11/2021	25.9		34.8	2.1	31.2		
3/16/2021						53.7	
3/17/2021							1.4
8/4/2021	15.7	38.5	34				
8/5/2021					29		
8/6/2021				4			
8/9/2021							1.5
8/10/2021						56.5	
1/31/2022	14.5	39.3	37.3	2.2	30.6		
2/1/2022							1.5
2/3/2022						57.7	

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	7.04						
3/31/2016		36.4	45				
4/4/2016				21.3	27.9	8.63	36.9
5/25/2016	13.5						
5/26/2016		37.6	41.7	22.5	28.7		
5/27/2016						9.07	
5/31/2016							43.9
8/1/2016	2.2						
8/3/2016			35.2	17.5		6.82	
8/4/2016					18.6		45
8/5/2016		30.7					
9/26/2016	5.72						
9/28/2016		32.4	39.2	24.1	17.7		
9/29/2016							60.5
9/30/2016						8.8	
11/11/2016	2.5						
11/22/2016		31.4	37.2	15.7	20.2	8.08	
11/28/2016							54.7
1/30/2017	2.01						
2/7/2017		30.1	38.4				
2/8/2017				18.3	24.3		
2/9/2017							61
2/13/2017						8.51	
4/3/2017	6.26						
4/10/2017		23.6	38.7	18.5	29		
4/11/2017						7.5	
4/12/2017							52.3
6/12/2017	7.44						
6/14/2017		34.6	40.8			7.82	
6/15/2017				21	29		
6/16/2017							62.3
10/2/2017	6.55						
10/4/2017		35.2	40.1	9.4	23.9	8.32	
10/9/2017							58.6
3/16/2018	2.6						
3/20/2018		12 (J)					
3/21/2018			43.3	19.7 (J)			40.9
3/22/2018					27.5	7.5	
9/18/2018	1.3	36.7	45.4	17.6 (J)	26.3	8.2	
9/19/2018							45.9
3/19/2019	4.6						
3/22/2019		15.4 (J)	37.2				
3/23/2019				7.8	28.3	7.5	29.6
9/12/2019	3.7						
9/17/2019		36.7	40.5	16.8	27.6	7.8	
9/18/2019							40.7
3/11/2020	1.2						
3/12/2020		18.6	43.2	8	32.5	8.1	
3/13/2020							33
9/15/2020	0.94 (J)						
9/17/2020		32.6	39				
9/21/2020				17.7	26	8	

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							43.1
3/17/2021	5.4						
3/18/2021		27	43.8				30.8
3/19/2021				19.7	31.3	7.8	
8/9/2021	1.7						
8/10/2021		29.4					
8/11/2021			44.3	9.1	33.2	8.4	28.4
2/2/2022	0.93 (J)					8.4	
2/4/2022		21.3	46.3	19.2	34.8		
2/17/2022							29.3

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					5.5	0.8 (D)	36 (D)
4/4/2016	26.5						
4/5/2016		35.7	37.7	12.2			
5/16/2016					4.3	0.877 (D)	37.4 (D)
5/31/2016			38.4	8.24			
6/1/2016	26.6	28.2					
7/25/2016					1.41	0.781 (D)	30.2 (D)
8/4/2016			28.6				
8/9/2016		43					
9/19/2016					1.01	0.775 (D)	32.3 (D)
9/29/2016			31.4				
11/3/2016					0.884		29.3 (D)
11/4/2016						0.792 (D)	
11/23/2016			62.5 (o)	24.5			
11/28/2016		24.8					
1/19/2017					1.41		
1/20/2017							28.7 (D)
1/23/2017						0.782 (D)	
2/9/2017		21.2					
2/10/2017			31.2	23.8			
2/22/2017	51.6						
3/28/2017					4.23		
3/29/2017						0.756 (D)	34.9 (D)
4/11/2017	45.2	21.1		25.7			
4/12/2017			34.1				
6/5/2017					10.1		
6/7/2017						0.944	30.9
6/14/2017		20.6					
6/15/2017			34.2	24.8			
6/16/2017	47.5						
7/12/2017	51.6	17.7		27.7			
7/26/2017				25.6			
7/28/2017	46						
8/10/2017	52.2						
9/26/2017					4.14		
9/27/2017						0.773	34.2
10/5/2017		20.1					
10/6/2017	42.2		35.4	24.7			
3/15/2018					9	0.77	34.6
3/22/2018		18.6 (J)					
3/23/2018	41.4		35.6	24.3 (J)			
9/12/2018					4.1		
9/13/2018						0.79	36.1
9/19/2018		20 (J)	35.7	23.7 (J)			
9/20/2018	47.5						
3/14/2019					17.2 (X)	0.9 (D)	37 (D)
3/22/2019	40.5	16.7 (J)		21.3 (J)			
3/25/2019			35.6				
9/11/2019					7.1	0.83 (D)	37.2 (D)
9/17/2019		11.4	39.5	22.1			
9/18/2019	42.9						
3/10/2020					16.9	0.89 (J)	43.5

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/13/2020		17	41	24.2			
3/17/2020	44.9						
9/11/2020						0.81 (J)	35.3
9/15/2020					8.3		
9/21/2020		13.1	36.5	22.6			
9/22/2020	47.7						
3/11/2021					11.9	0.93 (J)	43.1
3/18/2021		13	42.1	27.4			
3/19/2021	43						
8/4/2021					12.5		
8/6/2021						0.94 (J)	40.6
8/11/2021		14.3	38.6	25.4			
8/12/2021	43.1						
1/31/2022					11.2		
2/1/2022						1.1	43.9
2/4/2022	43.9	14.3	41.7				
2/7/2022				26.1			

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	50	26	25	12			
3/17/2016					24	6.4	
3/28/2016							4.29
5/17/2016	50.5			3.25			
5/18/2016		26.2	27.6		27.7	4.63	
5/25/2016							7.15
7/26/2016	40.7						
7/27/2016		19.3	23.9	3.2	21.7		
7/28/2016						2.25	
8/1/2016							3.35
9/20/2016	38.8	25.3	28.9	2.72			
9/21/2016					24.9	1.86	
9/27/2016							2.89
11/4/2016	40.7		32.1	1.69	23.6		
11/7/2016		23.6				1.65	
11/11/2016							3.33
1/20/2017	38.8		31.8				
1/23/2017		25.1		<0.5			
1/24/2017					23	1.62	
1/31/2017							3.21
3/28/2017	48.3			1.72			
3/29/2017		28.9	34.6		27.5		
3/30/2017						1.27	
4/3/2017							2.57
6/7/2017	43.4						
6/8/2017		25.6	34	3.11	27.1		
6/9/2017						1.18	
6/12/2017							6.22
9/27/2017		23.8	30.8				
9/29/2017	46.6			2.71	25.3	0.967	
10/3/2017							2.45
3/15/2018	46.2	21.6 (J)		3.5	24.4 (J)	0.81	
3/16/2018			30.2				
3/19/2018							3.3
9/13/2018	45.3	23.8 (J)	30.9	2.5	22.8 (J)		
9/14/2018						0.7	
9/17/2018							2
3/15/2019		20.4 (X)		4.4			
3/18/2019	46.1				31		
3/19/2019			28.4			1.1	
3/20/2019							2.7
9/11/2019	43.1		33.3	2.9	24.3	0.78	
9/12/2019		21.1					
9/16/2019							2.8
3/9/2020		22.3	35	4.5		0.87 (J)	
3/10/2020	51.6						
3/11/2020					27.1		
3/16/2020							12.1
9/11/2020					24.7		
9/14/2020	40.2	20.9		3.5		0.65 (J)	
9/15/2020			31.6				
9/16/2020							2.8

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	45.2	21.1	31.8	5.9			
3/15/2021					24.7	0.69 (J)	
3/17/2021							3
8/4/2021				2.8			
8/5/2021	43.7	20.4	29			0.67 (J)	
8/9/2021							2.6
8/11/2021					27.4		
1/31/2022	39.9			2.8			
2/1/2022		21.3	29.4		26	0.62 (J)	
2/2/2022							3.7

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					25.1	
3/29/2016	13.8	11.1				
3/30/2016				22.2		9.07
5/24/2016	14.8	12.6		25.2		
5/25/2016					23.7	
5/26/2016						15.8
5/31/2016			25.7			
8/2/2016			22.9	20.8	21.5	
8/5/2016						20.5
9/26/2016	13.3	11.8			21.4	
9/27/2016			22.2	23.1		
9/28/2016						24.9
11/14/2016		11.3				
11/18/2016	12.4					
11/21/2016			22.1		21	23.4
11/22/2016				22.3		
2/1/2017	13.3	12.6	21.7			
2/3/2017					20	
2/6/2017				21.4		1.7
4/6/2017	13.4	9.84	21.4	21.1		1.6
6/13/2017	14.6	13	24.4		21.5	3.82
6/14/2017				22.1		
7/14/2017			24.8			
10/3/2017	13.9	13.7	23.6		22.8	9.77
10/4/2017				23.1		
3/19/2018	14.4 (J)					
3/20/2018		11.5 (J)	22.9 (J)		20.3 (J)	1.4
3/21/2018				22.5 (J)		
9/17/2018	12.4 (J)	11 (J)				
9/18/2018			20.8 (J)	20.8 (J)	15.5 (J)	3.35 (D)
3/21/2019	14.9 (J)	8.3	25.2			4.8
3/27/2019				20.6 (J)		
5/6/2019					20 (J)	
9/13/2019			24.6			
9/16/2019	13.5	9.5		23	20.3	12
3/12/2020	16.2	9.3	26.4	21.8		1.8
3/16/2020					19.4	
9/16/2020	14.3	8.8	24.4			
9/17/2020				21.4	18.1	18.3
3/17/2021	14.1	9.5	23.9	22.4		
3/18/2021					9.6	1.9
8/10/2021	14.7	9.9	26.2	23.5	20	1.9
2/2/2022	15.5	10.5	26.9	23.9	20.8	2.2

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					1.795		
3/15/2016							1.1671
3/22/2016	1.5101						
3/23/2016		2.4904	0.9079			1.6092	
5/11/2016					2.04		0.8763
5/16/2016				1.74 (D)			
5/19/2016	1.5		0.9136				
5/20/2016		1.71					
5/23/2016						1.52	
7/19/2016					2.1		
7/21/2016							1.4
7/27/2016				2.1 (D)			
7/29/2016	1.7	2	1.1			1.5	
9/15/2016					1.7		
9/19/2016							1.1
9/22/2016			1			1.4	
9/23/2016	1.8	1.8					
11/2/2016					1.8		
11/3/2016							1.2
11/9/2016	2	1.6					
11/10/2016			1.2			1.6	
1/17/2017							1
1/18/2017					1.7		
1/30/2017	1.5						
1/31/2017		1.3	1.2			1.6	
2/21/2017				4 (D)			
3/24/2017							1.2
3/27/2017				2.6 (D)			
3/28/2017					1.3		
3/30/2017	1.8	1.6				1.4	
4/3/2017			0.99				
5/24/2017							1.5
6/7/2017					1.2		
6/8/2017				2.1 (D)			
6/9/2017	1.6		0.87				
6/12/2017		1.6				1.4	
7/17/2017				1.9 (D)			
7/27/2017				3 (D)			
8/9/2017				2.5 (D)			
9/26/2017					1.7		2.4
9/29/2017				2.7 (D)			
10/2/2017	1.6	0.94	1				
10/4/2017						1.5	
12/28/2017							3.9 (Y)
3/14/2018					1.4		2.4
3/16/2018	1.7		1.6	2.6			
3/19/2018		1.9				1.5	
9/12/2018					1.6		1
9/14/2018		0.98	0.92	1.9			
9/17/2018	1.55 (D)					1.5	
3/13/2019							2.2
3/14/2019				2.8			

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/15/2019					1.7		
3/19/2019			2				
3/20/2019	<1	<1				<1	
9/9/2019					1.2		0.83 (X)
9/10/2019				2.3			
9/12/2019	1.3	0.815 (JD)					
9/13/2019			0.94 (J)			1.5	
3/9/2020				1.5	1.2		1.5
3/11/2020	1.4	2	0.6 (J)			1.4	
9/10/2020					1.2		
9/11/2020							0.77 (J)
9/15/2020	1.3	1.2	0.75 (J)				
9/16/2020				1.7			
3/10/2021							0.97 (J)
3/12/2021					1.2		
3/16/2021	1.3		0.73 (J)	1.3			
3/17/2021		1.4					
3/29/2021						1.5	
8/4/2021					1.1		0.82 (J)
8/6/2021				1.3			
8/9/2021	1.3	1.5	1.1			1.4	
1/31/2022					1		0.71 (J)
2/1/2022	1.2	1.4	0.77 (J)				
2/2/2022				1.5		1.9	

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			2.4984	1.2562	1.9467		
3/15/2016	4.1666	6.1465 (o)					
3/28/2016							1.14
5/12/2016	1.78						
5/13/2016		3.08		1.32	2.14		
5/16/2016			2.22				
5/23/2016							1.19
7/19/2016				1.3	3.1		
7/20/2016	1.8						
7/21/2016		3.7					
7/22/2016			2.6				
8/1/2016							1.2
9/15/2016	1.4						
9/16/2016				1.2	3.5		
9/19/2016			2.5				
9/21/2016		2.4					
9/26/2016							1.1
11/2/2016				1.4	4.7		
11/3/2016	1.6	3.4	3				
11/10/2016							1.3
1/17/2017		1.9	2.9				
1/18/2017	1.5			1.2	4.9		
1/30/2017							1.2
2/22/2017						3.7 (D)	
3/24/2017	1.4						
3/27/2017		2.4	3				
3/28/2017				1.4	4.1		
4/7/2017						2.5 (D)	1.2
6/6/2017	2.8	4.5		1.4	3.6		
6/7/2017			3				
6/12/2017							1.1
6/14/2017						2.6 (D)	
7/12/2017						2.8 (D)	
7/20/2017						2.3 (D)	
7/28/2017						2 (D)	
8/9/2017						1.8 (D)	
8/24/2017						2.9 (D)	
9/22/2017				1.3	3.9		
9/25/2017	1.8	2.5					
9/26/2017			3.1				
10/2/2017							1.2
10/3/2017						2.8 (D)	
3/14/2018	3	4 (J)	3.2	1.3			
3/15/2018					2.8		
3/16/2018							1.4
3/21/2018						2.9	
9/12/2018	1.4	2.1		1.3	3.1		
9/14/2018			2.3				
9/17/2018							1.1
9/18/2018						3.1	
3/13/2019				1.6	2.9		
3/14/2019	2.6	2.9	3.6				

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/19/2019							<1
3/21/2019						3.6 (D)	
9/10/2019	1.1	1.7	2				
9/11/2019				1.3	3.1		
9/12/2019						2.1 (D)	
9/13/2019							1
3/6/2020	1.3		2.7				
3/9/2020		1.3		1.2	2.2		
3/11/2020							0.91 (J)
3/12/2020						2.3	
9/10/2020	1.2	1.4	2				
9/11/2020				1.3			
9/14/2020					3.3		
9/16/2020							0.97 (J)
9/17/2020						2.4	
3/10/2021		1.6					
3/11/2021	1.5		2.5	1.3	2.7		
3/16/2021						2.7	
3/17/2021							1 (J)
8/4/2021	1.2	1.3	2.3				
8/5/2021					1.9		
8/6/2021				1.3			
8/9/2021							1 (J)
8/10/2021						2.8	
1/31/2022	1	1	2	1.1	1.7		
2/1/2022							0.91 (J)
2/3/2022						2.6	

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	0.9204						
3/31/2016		2.72	2.79				
4/4/2016				1.42	1.67	1.03	3.55
5/25/2016	1.04						
5/26/2016		2.63	2.87	1.37	1.64		
5/27/2016						0.9684	
5/31/2016							3.55
8/1/2016	0.85						
8/3/2016			3.2	1.4		1.3	
8/4/2016					1.7		4.4
8/5/2016		3					
9/26/2016	0.87						
9/28/2016		2.5	3	1.2	1.4		
9/29/2016							4
9/30/2016						1.2	
11/11/2016	0.99						
11/22/2016		2.6	3.1	1.6	1.9	1.2	
11/28/2016							4
1/30/2017	0.95						
2/7/2017		2.3	3				
2/8/2017				1.4	1.7		
2/9/2017							7.5
2/13/2017						0.96	
4/3/2017	0.88						
4/10/2017		1.9	2.3	1.3	1.8		
4/11/2017						1.2	
4/12/2017							5.3
6/12/2017	0.83						
6/14/2017		1.9	2			0.89	
6/15/2017				1.2	1.5		
6/16/2017							5.4
10/2/2017	0.94						
10/4/2017		2	2.1	1.3	1.6	1	
10/9/2017							6.2
3/16/2018	<1						
3/20/2018		2.2					
3/21/2018			2.5	1.6			4.6
3/22/2018					2	<1	
9/18/2018	1	2.4	2.5	1.5	1.9	1.3	
9/19/2018							5.1
3/19/2019	<1						
3/22/2019		2.2	2.8				
3/23/2019				1.2	1.7	0.88	3.5
9/12/2019	0.74 (J)						
9/17/2019		2.4	2.8	1.1	1.4	0.835 (JD)	
9/18/2019							4
3/11/2020	0.73 (J)						
3/12/2020		2.3	3	1	1.5	0.84 (J)	
3/13/2020							3.3
9/15/2020	0.7 (J)						
9/17/2020		2.5	2.9				
9/21/2020				1	1.3	0.71 (J)	

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							3.5
3/17/2021	0.81 (J)						
3/18/2021		2.1	2.5				3.4
3/19/2021				1.1	1.4	0.79 (J)	
8/9/2021	0.78 (J)						
8/10/2021		1.9					
8/11/2021			2.1	0.9 (J)	1.3	0.72 (J)	2.9
2/2/2022	0.7 (J)					0.79 (J)	
2/4/2022		1.9	2.2	1.1	1.4		
2/17/2022							3.1

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					6.505	0.9445 (D)	3.0774 (D)
4/4/2016	3.3						
4/5/2016		1.93	2.08	0.9439			
5/16/2016					5.08	0.9104 (D)	3 (D)
5/31/2016			1.51	1			
6/1/2016	3.18	1.93					
7/25/2016					1.2	1.2 (D)	3 (D)
8/4/2016			1.7				
8/9/2016		2.4					
9/19/2016					1.9	1.1 (D)	3 (D)
9/29/2016			1.5				
11/3/2016					2		3 (D)
11/4/2016						1 (D)	
11/23/2016			1.9	1.7			
11/28/2016		3					
1/19/2017					2.6		
1/20/2017							3.3 (D)
1/23/2017						1.2 (D)	
2/9/2017		3					
2/10/2017			1.5	1.6			
2/22/2017	7.2						
3/28/2017					5.7		
3/29/2017						1.1 (D)	3.2 (D)
4/11/2017	5.5	4.5		1.5			
4/12/2017			1.7				
6/5/2017					7.8		
6/7/2017						1	3.1
6/14/2017		3					
6/15/2017			1.4	1			
6/16/2017	8.7						
7/12/2017	7.5	3.9		1.8			
7/20/2017					7.4		
7/26/2017				1.2			
7/28/2017	6.6						
8/10/2017	8.5						
9/26/2017					3.7		
9/27/2017						1.1	3.2
10/5/2017		2.7					
10/6/2017	8.9		1.6	1.7			
3/15/2018					6.5	<1	3.3
3/22/2018		3.4					
3/23/2018	8.3		1.5	<1			
9/12/2018					3.6		
9/13/2018						0.93	2.9
9/19/2018		2.8	1.7	1.1			
9/20/2018	9.6						
3/14/2019					6.4	<1 (D)	4.3 (D)
3/22/2019	7.4	3.7		1.2			
3/25/2019			1.9				
9/11/2019					3.7	0.81 (D)	2.9 (D)
9/17/2019		3.8	2	0.78 (X)			
9/18/2019	7.6						

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/10/2020					5.9	0.8 (J)	4.4
3/13/2020		4.2	1.6	0.7 (J)			
3/17/2020	7.7						
9/11/2020						0.79 (J)	3.1
9/15/2020					4.2		
9/21/2020		3.5	1.6	0.64 (J)			
9/22/2020	7						
3/11/2021					5.5	0.83 (J)	4
3/18/2021		4	1.7	0.67 (J)			
3/19/2021	7.4						
8/4/2021					4.9		
8/6/2021						0.86 (J)	3.8
8/11/2021		3.4	1.2	<1			
8/12/2021	5.8						
1/31/2022					4.2		
2/1/2022						0.79 (J)	4.3
2/4/2022	6.1	3.6	1.2				
2/7/2022				0.6 (J)			

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	1.1	2.3	2.4	4.5			
3/15/2021					1.2	0.98 (J)	
3/17/2021							0.69 (J)
8/4/2021				5			
8/5/2021	1.2	2.2	2.3			1	
8/9/2021							0.74 (J)
8/11/2021					1.1		
1/31/2022	1.7			4.8			
2/1/2022		2	2.3		1.1	0.93 (J)	
2/2/2022							0.66 (J)

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					1.4231	
3/29/2016	1.3977	1.6645				
3/30/2016				0.9409		2.21
5/24/2016	1.33	1.58		0.92		
5/25/2016					1.11	
5/26/2016						2.1
5/31/2016			1.33			
8/1/2016	1.2	1.4				
8/2/2016			1.5	1.2	1.5	
8/5/2016						2.4
9/26/2016	1.1	1.4			1.6	
9/27/2016			1.4	1.1		
9/28/2016						2.1
11/14/2016		1.6				
11/18/2016	1.2					
11/21/2016			1.5		1.5	2.2
11/22/2016				1.2		
2/1/2017	1.3	1.4	1.5			
2/3/2017					1.8	
2/6/2017				1.1		2.5
4/6/2017	1.1	1.5	1.2	1.2		2.2
4/7/2017					1.5	
6/13/2017	1.2	1.3	0.98		1.3	2
6/14/2017				0.92		
7/14/2017			1.1			
10/3/2017	1.2	1.3	1		1.4	2
10/4/2017				1		
3/19/2018	1.2					
3/20/2018		1.7	1.5		1.8	2.4
3/21/2018				1.3		
9/17/2018	1.1	1.3				
9/18/2018			1.3	1.2	1.9	2.4 (D)
3/21/2019	<1	<1	<1			2
3/27/2019				0.9		
5/6/2019					1.1	
9/13/2019			1			
9/16/2019	1.1	1.2		0.75 (JD)	1.4	1.9
3/12/2020	1.3	1.3	0.72 (J)	0.93 (J)		1.9
3/16/2020					1.3	
9/16/2020	1.2	1.2	0.79 (J)			
9/17/2020				0.77 (J)	1.4	1.9
3/17/2021	1.2	1.4	0.79 (J)	0.78 (J)		
3/18/2021					1.6	2.2
8/10/2021	1	1.1	0.68 (J)	0.68 (J)	1.2	1.8
2/2/2022	1.1	1.3	0.76 (J)	0.77 (J)	1.4	2.1

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	0.0045	<0.005			<0.005	
10/23/2007	0.011						
10/24/2007		0.039 (O)	0.0033				
11/2/2007						0.027 (O)	
11/18/2007	0.038 (O)	0.059 (O)	0.012			0.17 (O)	
1/30/2008	0.11 (O)						
1/31/2008		0.0067	0.052 (O)			0.012	
3/10/2008	0.038 (O)		0.01				
3/11/2008		0.03 (O)				0.063 (O)	
5/6/2008		0.0062					
5/13/2008	0.012		0.0068				
5/14/2008						0.057 (O)	
12/4/2008		0.009	0.0017				
12/5/2008	<0.005					<0.005	
4/15/2009	<0.005					<0.005	
4/21/2009		0.0022	<0.005				
10/7/2009	0.0065	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	0.0019						
4/15/2013		0.0013					
10/15/2013		0.0023					
10/16/2013	0.0024		<0.005			0.0013	
4/10/2014			<0.005				
4/11/2014	0.0013 (J)						
4/22/2014		<0.005					
4/23/2014						<0.005	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						<0.005	
3/30/2015	0.0047	0.0011 (J)	<0.005				

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				0.004 (J)			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				<0.005	
9/9/2019					<0.005		<0.005
9/12/2019	<0.005	<0.005 (D)					
9/13/2019			<0.005			0.00073 (J)	
3/9/2020				0.0016 (J)	0.069 (o)		0.0009 (J)
3/11/2020	0.0012 (J)	0.0025 (J)	0.0042 (J)			0.00095 (J)	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	0.00086 (J)	<0.005				
9/16/2020				0.00058 (J)			
3/10/2021							0.00075 (J)
3/12/2021					0.00064 (J)		
3/16/2021	<0.005		<0.005	0.0008 (J)			
3/17/2021		<0.005					
3/29/2021						0.00062 (J)	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	<0.005			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	<0.005				
2/2/2022				0.0012 (J)		0.0069	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							0.0014
4/14/2011							0.0014
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							0.0013 (J)
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	<0.005	0.00212 (J)		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
5/23/2016							<0.005
7/19/2016				<0.005	0.0006 (J)		
7/20/2016	<0.005						
7/21/2016		<0.005					
7/22/2016			<0.005				
8/1/2016							<0.005
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
9/26/2016							<0.005
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
11/10/2016							<0.005
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	0.0014 (J)		
1/30/2017							<0.005
2/22/2017						<0.005	
3/24/2017	<0.005 (*)						
3/27/2017		<0.005	<0.005				
3/28/2017				<0.005 (*)	<0.005 (*)		
4/7/2017						<0.005	<0.005
6/6/2017	<0.005	0.0004 (J)		0.0004 (J)	0.0009 (J)		
6/7/2017			<0.005				
6/12/2017							<0.005
6/14/2017						<0.005 (D)	
7/12/2017						<0.005 (D)	
7/20/2017						<0.005 (D)	
7/28/2017						<0.005	
8/9/2017						<0.005	
8/24/2017						<0.005	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				0.0008 (J)	0.0006 (J)		
9/25/2017	<0.005	<0.005					
9/26/2017			<0.005				
10/2/2017							<0.005
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					0.0017 (J)		
3/16/2018							<0.005
3/21/2018						<0.005	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		
3/14/2019	<0.005	<0.005	<0.005				
3/19/2019							<0.005
3/21/2019						<0.005 (D)	
9/10/2019	<0.005 (D)	<0.005	<0.005				
9/11/2019				0.00051 (J)	0.00066 (J)		
9/12/2019						<0.005 (D)	
9/13/2019							<0.005
3/6/2020	0.015		0.00045 (J)				
3/9/2020		0.0004 (J)		0.0033 (J)	0.0014 (J)		
3/11/2020							0.0011 (J)
3/12/2020						<0.005	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					0.0011 (J)		
9/16/2020							<0.005
9/17/2020						<0.005	
3/10/2021		<0.005					
3/11/2021	0.0015 (J)		<0.005	<0.005	0.0011 (J)		
3/16/2021						<0.005	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							<0.005
8/10/2021						<0.005	
1/31/2022	<0.005	<0.005	<0.005	<0.005	0.0011 (J)		
2/1/2022							<0.005
2/3/2022						<0.005	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		0.0015	0.036 (O)	<0.005	0.037	0.0013	0.0019
11/1/2007		0.011	0.01	<0.005	0.04	<0.005	0.01
11/18/2007				<0.005	0.045		
11/19/2007						0.0056	0.021
11/20/2007		0.042 (o)	0.0039				
1/16/2008						0.039 (o)	
1/30/2008		0.034	0.019 (O)	<0.005	0.041		
1/31/2008							0.035
3/5/2008				<0.005		0.03	0.012
3/6/2008		0.027	<0.005		0.042		
5/7/2008				0.025 (o)	0.029		
5/8/2008			0.01				
5/12/2008		0.015					0.02
5/13/2008						0.0057	
12/12/2008	<0.005						
12/13/2008		0.0036				<0.005	0.014
12/14/2008			0.0038	0.0021	0.032		
4/16/2009						<0.005	
4/23/2009	0.0031						
4/28/2009							0.0079
4/29/2009		<0.005	<0.005	0.011	0.017		
10/6/2009	0.0024						
10/20/2009		<0.005					
10/21/2009			<0.005			0.0015	0.0092
10/22/2009				0.01	0.022		
4/21/2010			<0.005	0.0053	0.021		
4/26/2010		<0.005					
4/27/2010						0.0036	
4/28/2010							0.0086
5/3/2010	<0.005						
9/28/2010			<0.005	0.0076			
9/29/2010		0.0034			0.024		
10/5/2010						<0.005	0.0085
10/11/2010	0.0028						
4/12/2011			<0.005	0.0095			
4/13/2011		<0.005			0.014		
4/19/2011						0.003	0.0089
4/27/2011	0.0041						
10/4/2011			0.0019	0.0091	0.017		
10/5/2011		0.0032					
10/12/2011						<0.005	
10/18/2011							0.0093
10/19/2011	<0.005						
4/3/2012			<0.005	0.0076			
4/4/2012		<0.005			0.014		
4/24/2012						<0.005	
4/25/2012							0.0075
5/1/2012	<0.005						
10/2/2012	0.0019					<0.005	0.017
10/3/2012		0.0047		0.0039	0.0033		
10/8/2012			<0.005				
4/2/2013						0.0018	0.0097

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.0014	<0.005	<0.005	0.017		
4/10/2013	0.0027						
10/8/2013							0.011
10/9/2013				0.0089	0.015	<0.005	
10/15/2013		0.002	<0.005				
10/16/2013	0.0029						
4/1/2014						<0.005	0.0074
4/2/2014				<0.005	0.014		
4/9/2014		<0.005	<0.005				
4/22/2014	0.0024						
10/1/2014	<0.005						0.0049
10/2/2014		<0.005	<0.005	<0.005	0.0048	<0.005	
3/30/2015	0.0022						
4/1/2015				0.0062	0.0084	<0.005	0.0072
4/2/2015		<0.005	<0.005				
10/10/2015		0.0013					
10/11/2015	<0.005			<0.005	0.019		
10/12/2015			<0.005				
10/14/2015						<0.005	
10/15/2015							0.0077
3/28/2016	<0.005						
3/31/2016		<0.005	<0.005				
4/4/2016				0.00656 (J)	0.00728 (J)	<0.005	0.00615 (J)
5/25/2016	<0.005						
5/26/2016		<0.005	<0.005	0.00752 (J)	0.00553 (J)		
5/27/2016						<0.005	
5/31/2016							0.00588 (J)
8/1/2016	<0.005						
8/3/2016			<0.005	0.0067 (J)		<0.005	
8/4/2016					0.0071 (J)		0.0056 (J)
8/5/2016		<0.005					
9/26/2016	<0.005						
9/28/2016		<0.005	<0.005	0.0082 (J)	0.0093 (J)		
9/29/2016							0.0065 (J)
9/30/2016						<0.005	
11/11/2016	<0.005						
11/22/2016		0.0024 (J)	<0.005	0.0045 (J)	0.0058 (J)	<0.005	
11/28/2016							0.0064 (J)
1/30/2017	<0.005						
2/7/2017		0.0015 (J)	0.0019 (J)				
2/8/2017				0.0101	0.0072 (J)		
2/9/2017							0.0078 (J)
2/13/2017						<0.005	
4/3/2017	<0.005						
4/10/2017		<0.005	<0.005	0.0094 (J)	<0.005		
4/11/2017						<0.005	
4/12/2017							0.0077 (J)
6/12/2017	0.0005 (J)						
6/14/2017		0.0006 (J)	<0.005			<0.005	
6/15/2017				0.009 (J)	0.0066 (J)		
6/16/2017							0.0072 (J)
10/2/2017	<0.005						

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			0.014				
8/24/2007		0.083 (O)		0.061 (O)			
11/1/2007	0.0042						
11/2/2007		0.0071	0.0036	0.078 (O)			
11/17/2007		0.012	0.031 (O)				
11/18/2007				0.085 (O)			
11/19/2007	0.0049						
1/15/2008		0.043 (o)	0.011	0.079 (O)			
1/31/2008	<0.005						
3/5/2008	<0.005	0.0044					
3/6/2008			0.0027				
3/10/2008				0.062 (O)			
5/7/2008	<0.005	0.0084	0.008				
5/13/2008				0.044 (O)			
12/2/2008		0.0056	0.0059	0.027			
12/12/2008	0.019 (O)						
4/16/2009		0.0042					
4/28/2009			<0.005	0.016			
4/29/2009	0.002						
10/19/2009			<0.005				
10/20/2009		0.0037		0.018			
10/21/2009	0.002						
4/20/2010		<0.005					
4/27/2010			<0.005	0.012			
4/28/2010	0.0049						
9/29/2010		0.0028					
10/4/2010			0.0013				
10/5/2010				0.0067			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				0.0081			
4/20/2011	<0.005						
10/4/2011		0.0015					
10/12/2011	<0.005		0.0014	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	0.0015						
10/10/2012		0.0029	<0.005	<0.005			
4/2/2013	0.0017						
4/15/2013		0.0036	0.0021				
4/16/2013				0.0029			
10/8/2013	<0.005						
10/22/2013		0.0048	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		0.0043	0.0013 (J)	<0.005			
9/30/2014		0.0037	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		0.016	<0.005	<0.005			

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		0.0092	<0.005				
10/14/2015	<0.005						
3/16/2016					<0.005	<0.005 (D)	<0.005 (D)
4/4/2016	<0.005 (D)						
4/5/2016		0.019 (J)	<0.005	<0.005			
5/16/2016					<0.005	<0.005 (D)	<0.005 (D)
5/31/2016			<0.005	<0.005			
6/1/2016	<0.005 (D)	0.006 (J)					
7/25/2016					<0.005	<0.005 (D)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		0.0061 (JD)					
9/19/2016					<0.005	<0.005 (D)	<0.005 (D)
9/29/2016			<0.005				
11/3/2016					<0.005		<0.005 (D)
11/4/2016						<0.005 (D)	
11/23/2016			<0.005	<0.005			
11/28/2016		<0.005					
1/19/2017					<0.005		
1/20/2017							<0.005 (D)
1/23/2017						<0.005 (D)	
2/9/2017		<0.005					
2/10/2017			<0.005	<0.005			
2/22/2017	0.0012 (J)						
3/28/2017					<0.005		
3/29/2017						<0.005 (D)	<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005			
4/12/2017			<0.005				
6/5/2017					<0.005		
6/7/2017						<0.005	0.0004 (J)
6/14/2017		0.0006 (J)					
6/15/2017			0.0005 (J)	0.0005 (J)			
6/16/2017	<0.005						
7/12/2017	<0.005	0.0005 (J)		0.0008 (J)			
7/26/2017				0.0006 (J)			
7/28/2017	<0.005						
8/10/2017	<0.005						
9/26/2017					<0.005		
9/27/2017						<0.005	<0.005
10/5/2017		0.0006 (J)					
10/6/2017	<0.005		<0.005	0.0008 (J)			
3/15/2018					<0.005	<0.005	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	<0.005 (D)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					<0.005	<0.005 (D)	<0.005 (D)

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		0.00046 (X)	0.00044 (J)	0.00064 (X)			
9/18/2019	<0.005						
3/10/2020					0.00074 (J)	0.0007 (J)	0.00092 (J)
3/13/2020		0.00093 (J)	0.0011 (J)	0.0012 (J)			
3/17/2020	0.002 (J)						
9/11/2020						<0.005	0.00067 (J)
9/15/2020					<0.005		
9/21/2020		<0.005	0.0016 (J)	0.00089 (J)			
9/22/2020	<0.005						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		0.0023 (J)	0.00089 (J)	0.00078 (J)			
3/19/2021	<0.005						
8/4/2021					<0.005		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					<0.005		
2/1/2022						<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005				
2/7/2022				0.0011 (J)			

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	0.002					
11/1/2007						0.0061
11/19/2007						0.018 (J)
11/20/2007	0.017					
1/15/2008						0.078 (O)
1/23/2008	0.064 (O)					
3/6/2008						0.054 (O)
3/11/2008	0.013					
5/13/2008						0.0085
5/14/2008	0.027					
12/11/2008	<0.005					
12/12/2008						0.0023
4/16/2009						<0.005
4/23/2009	<0.005					
10/9/2009	0.0014					
10/13/2009						<0.005
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	0.0027					
4/13/2011						<0.005
4/26/2011	0.0015					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	0.0013					
10/8/2013	0.0017					
10/9/2013				0.0019		0.0013
4/9/2014						<0.005
4/10/2014				0.0034		
4/14/2014	0.004					
9/30/2014						<0.005
10/2/2014				0.0056		
10/3/2014	0.0017					
4/1/2015	0.0027					
4/2/2015						<0.005
4/3/2015				0.0022		
5/26/2015		0.0015			<0.005	
6/18/2015		0.0013 (D)			0.0024 (D)	
7/2/2015		0.0014			<0.005	
10/8/2015				0.0033	<0.005	
10/9/2015	0.0016	0.0015				
10/10/2015						0.000825 (D)
3/22/2016					0.048 (O)	
3/29/2016	0.00738 (J)	<0.005				

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				0.0228 (O)		<0.005
5/24/2016	0.00263 (J)	<0.005		<0.005		
5/25/2016					0.00441 (J)	
5/26/2016						<0.005
5/31/2016			<0.005			
8/1/2016	<0.005	<0.005				
8/2/2016			<0.005	<0.005	<0.005	
8/5/2016						<0.005
9/26/2016	0.0014 (J)	0.002 (J)			0.002 (J)	
9/27/2016			<0.005	<0.005		
9/28/2016						<0.005
11/14/2016		<0.005				
11/18/2016	<0.005					
11/21/2016			<0.005		0.0017 (J)	<0.005
11/22/2016				<0.005		
2/1/2017	0.0024 (J)	0.0017 (J)	<0.005			
2/3/2017					0.0018 (J)	
2/6/2017				<0.005		<0.005
4/6/2017	<0.005	<0.005	<0.005	<0.005		<0.005
4/7/2017					<0.005	
6/13/2017	0.0031 (J)	0.0015 (J)	<0.005		0.0019 (J)	<0.005
6/14/2017				0.0009 (J)		
7/14/2017			<0.005			
10/3/2017	0.0025 (J)	0.0018 (J)	<0.005		0.0022 (J)	<0.005
10/4/2017				<0.005		
3/19/2018	0.0035 (J)					
3/20/2018		0.0017 (J)	<0.005		0.0017 (J)	<0.005
3/21/2018				<0.005		
9/17/2018	0.0024 (J)	0.002 (J)				
9/18/2018			<0.005	<0.005	<0.005	<0.005 (D)
3/21/2019	0.0029 (J)	0.0025 (J)	<0.005			<0.005
3/27/2019				0.0021 (J)		
5/6/2019					0.0048 (J)	
9/13/2019			<0.005			
9/16/2019	0.002 (J)	0.002 (J)		0.000465 (JD)	0.002 (J)	<0.005
3/12/2020	0.0034 (J)	0.0028 (J)	0.0014 (J)	0.0031 (J)		0.00045 (J)
3/16/2020					0.0015 (J)	
9/16/2020	0.0022 (J)	0.0023 (J)	<0.005			
9/17/2020				0.00086 (J)	0.0017 (J)	<0.005
3/17/2021	0.0027 (J)	0.0021 (J)	<0.005	0.00079 (J)		
3/18/2021					0.0015 (J)	<0.005
8/10/2021	0.0027 (J)	0.0021 (J)	<0.005	0.0014 (J)	0.0019 (J)	<0.005
2/2/2022	0.0026 (J)	0.0024 (J)	<0.005	0.0015 (J)	0.0021 (J)	<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			0.0033	
10/23/2007	<0.005						
10/24/2007		0.013	<0.005				
11/2/2007						0.0046	
11/18/2007	<0.005	0.0041	<0.005			0.0057	
1/30/2008	0.0045						
1/31/2008		<0.005	0.0083 (O)			0.0055	
3/10/2008	<0.005		<0.005				
3/11/2008		<0.005				0.0033	
5/6/2008		<0.005					
5/13/2008	<0.005		<0.005				
5/14/2008						0.0044	
12/4/2008		0.012	<0.005				
12/5/2008	<0.005					0.0035	
4/15/2009	<0.005					<0.005	
4/21/2009		<0.005	<0.005				
10/7/2009	0.0041	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		<0.005			<0.005	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						0.0013 (J)	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						0.00081 (J)	
3/30/2015	0.0012 (J)	<0.005	<0.005				

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	0.00078 (J)	<0.005				<0.005	
9/9/2019					<0.005		<0.005
9/12/2019	0.00047 (J)	<0.005 (D)					
9/13/2019			<0.005			0.00046 (J)	
3/9/2020				<0.005	0.00075 (J)		<0.005
3/11/2020	0.00037 (J)	<0.005	<0.005			0.00041 (J)	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	0.00048 (J)	<0.005	0.001 (J)				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					0.00079 (J)		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	0.0016 (J)			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	0.00093 (J)				
2/2/2022				<0.005		<0.005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							<0.005
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							<0.005
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	<0.005	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
5/23/2016							<0.005
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		0.0006 (J)					
7/22/2016			0.0004 (J)				
8/1/2016							<0.005
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
9/26/2016							<0.005
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
11/10/2016							<0.005
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
1/30/2017							<0.005
2/22/2017						<0.005	
3/24/2017	<0.005						
3/27/2017		0.0005 (J)	<0.005				
3/28/2017				<0.005	<0.005		
4/7/2017						0.0018 (J)	<0.005
6/6/2017	<0.005	<0.005		<0.005	<0.005		
6/7/2017			<0.005				
6/12/2017							<0.005
6/14/2017						0.0045 (JD)	
7/12/2017						0.0046 (JD)	
7/20/2017						0.0109 (D)	
7/28/2017						0.0104	
8/9/2017						0.0022 (J)	
8/24/2017						0.0076 (J)	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.005	<0.005		
9/25/2017	<0.005	0.0006 (J)					
9/26/2017			<0.005				
10/2/2017							<0.005
10/3/2017						0.0028 (JD)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						0.014	
9/12/2018	<0.005	0.0011 (J)		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						0.017	
3/13/2019				<0.005	<0.005		
3/14/2019	<0.005	<0.005	<0.005				
3/19/2019							<0.005
3/21/2019						0.022 (D)	
9/10/2019	<0.005 (D)	<0.005	<0.005				
9/11/2019				<0.005	<0.005		
9/12/2019						0.02 (D)	
9/13/2019							<0.005
3/6/2020	<0.005		0.00039 (J)				
3/9/2020		<0.005		0.00039 (J)	<0.005		
3/11/2020							<0.005
3/12/2020						0.013	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					<0.005		
9/16/2020							<0.005
9/17/2020						0.019	
3/10/2021		<0.005					
3/11/2021	<0.005		<0.005	<0.005	<0.005		
3/16/2021						0.015	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							<0.005
8/10/2021						0.011	
1/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005		
2/1/2022							<0.005
2/3/2022						0.0059	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	0.0031	<0.005	<0.005	0.01
11/1/2007		<0.005	<0.005	0.0034	<0.005	0.0041	<0.005
11/18/2007				0.0045	<0.005		
11/19/2007						0.0055	<0.005
11/20/2007		0.0046	<0.005				
1/16/2008						0.008	
1/30/2008		0.0079	<0.005	0.0027	<0.005		
1/31/2008							0.0037
3/5/2008				<0.005		0.98 (O)	<0.005
3/6/2008		0.0037	<0.005		0.11 (O)		
5/7/2008				<0.005	<0.005		
5/8/2008			<0.005				
5/12/2008		<0.005					<0.005
5/13/2008						0.01	
12/12/2008	<0.005						
12/13/2008		0.013				0.0073	0.011
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						0.0033	
4/23/2009	0.0029						
4/28/2009							<0.005
4/29/2009		<0.005	<0.005	<0.005	<0.005		
10/6/2009	<0.005						
10/20/2009		<0.005					
10/21/2009			<0.005			0.0039	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						0.0044	
4/28/2010							<0.005
5/3/2010	<0.005						
9/28/2010			<0.005	<0.005			
9/29/2010		<0.005			<0.005		
10/5/2010						0.005	<0.005
10/11/2010	<0.005						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						0.0039	<0.005
4/27/2011	0.0028						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						0.0032	
10/18/2011							<0.005
10/19/2011	<0.005						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.005	
4/25/2012							<0.005
5/1/2012	<0.005						
10/2/2012	<0.005					<0.005	<0.005
10/3/2012		0.0018		0.0037	<0.005		
10/8/2012			<0.005				
4/2/2013						0.0038	<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.0014	<0.005	<0.005	<0.005		
4/10/2013	0.0014						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	0.003	
10/15/2013		0.0018	<0.005				
10/16/2013	0.0014						
4/1/2014						0.0027	<0.005
4/2/2014				0.0036	<0.005		
4/9/2014		0.0013 (J)	<0.005				
4/22/2014	0.0013						
10/1/2014	<0.005						<0.005
10/2/2014		<0.005	<0.005	0.016	<0.005	0.0027	
3/30/2015	0.00079 (J)						
4/1/2015				<0.005	0.0026	0.0028	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	<0.005			<0.005	0.00065 (J)		
10/12/2015			<0.005				
10/14/2015						0.003	
10/15/2015							0.00051 (J)
3/28/2016	<0.005						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	0.00351 (J)	<0.005
5/25/2016	<0.005						
5/26/2016		<0.005	<0.005	<0.005	<0.005		
5/27/2016						0.00332 (J)	
5/31/2016							<0.005
8/1/2016	<0.005						
8/3/2016			<0.005	<0.005		0.003 (J)	
8/4/2016					<0.005		<0.005
8/5/2016		<0.005					
9/26/2016	<0.005						
9/28/2016		<0.005	<0.005	<0.005	<0.005		
9/29/2016							<0.005
9/30/2016						0.0035 (J)	
11/11/2016	<0.005						
11/22/2016		0.0006 (J)	<0.005	<0.005	<0.005	0.0027 (J)	
11/28/2016							<0.005
1/30/2017	<0.005						
2/7/2017		0.0017 (J)	<0.005				
2/8/2017				<0.005	<0.005		
2/9/2017							<0.005
2/13/2017						0.003 (J)	
4/3/2017	<0.005						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						0.0031 (J)	
4/12/2017							<0.005
6/12/2017	<0.005						
6/14/2017		<0.005	<0.005			0.0031 (J)	
6/15/2017				<0.005	<0.005		
6/16/2017							<0.005
10/2/2017	<0.005						

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		<0.005		<0.005			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	<0.005			
11/17/2007		0.0039	<0.005				
11/18/2007				<0.005			
11/19/2007	<0.005						
1/15/2008		<0.005	<0.005	0.0029			
1/31/2008	<0.005						
3/5/2008	<0.005	0.005					
3/6/2008			<0.005				
3/10/2008				0.069 (O)			
5/7/2008	<0.005	<0.005	<0.005				
5/13/2008				<0.005			
12/2/2008		0.011	<0.005	0.0027			
12/12/2008	0.0079						
4/16/2009		0.005					
4/28/2009			<0.005	<0.005			
4/29/2009	<0.005						
10/19/2009			<0.005				
10/20/2009		0.0074		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	<0.005						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	<0.005			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					0.00101 (J)	<0.005 (D)	<0.005 (D)
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					<0.005	<0.005 (D)	<0.005 (D)
5/31/2016			<0.005	<0.005			
6/1/2016	<0.005	<0.005					
7/25/2016					0.0015 (J)	0.0017 (JD)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		0.0003 (J)					
9/19/2016					0.0014 (J)	0.0017 (JD)	<0.005 (D)
9/29/2016			<0.005				
11/3/2016					0.0013 (J)		<0.005 (D)
11/4/2016						0.0013 (JD)	
11/23/2016			<0.005	<0.005			
11/28/2016		<0.005					
1/19/2017					0.0013 (J)		
1/20/2017							<0.005 (D)
1/23/2017						0.0013 (JD)	
2/9/2017		<0.005					
2/10/2017			<0.005	<0.005			
2/22/2017	<0.005						
3/28/2017					0.0019 (J)		
3/29/2017						0.0013 (JD)	<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005			
4/12/2017			0.0006 (J)				
6/5/2017					0.0022 (J)		
6/7/2017						0.0011 (J)	<0.005
6/14/2017		<0.005					
6/15/2017			0.0004 (J)	<0.005			
6/16/2017	<0.005						
7/12/2017	<0.005	<0.005		<0.005			
7/26/2017				<0.005			
7/28/2017	<0.005						
8/10/2017	<0.005						
9/26/2017					0.0018 (J)		
9/27/2017						0.0013 (J)	<0.005
10/5/2017		<0.005					
10/6/2017	<0.005		<0.005	<0.005			
3/15/2018					0.0018 (J)	0.0012 (J)	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					0.0016 (J)		
9/13/2018						0.001 (J)	<0.005
9/19/2018		0.00058 (J)	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					0.0022 (J)	0.0015 (JD)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					0.0018 (J)	0.0014 (JD)	<0.005 (D)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.005	<0.005	<0.005			
9/18/2019	<0.005						
3/10/2020					0.0021 (J)	0.0012 (J)	<0.005
3/13/2020		<0.005	<0.005	<0.005			
3/17/2020	<0.005						
9/11/2020						0.0012 (J)	<0.005
9/15/2020					0.0015 (J)		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	<0.005						
3/11/2021					0.0016 (J)	0.0011 (J)	<0.005
3/18/2021		<0.005	<0.005	<0.005			
3/19/2021	<0.005						
8/4/2021					0.0016 (J)		
8/6/2021						0.0011 (J)	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					0.0017 (J)		
2/1/2022						0.0013 (J)	<0.005
2/4/2022	<0.005	<0.005	<0.005				
2/7/2022				<0.005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	0.0038					
11/1/2007						<0.005
11/19/2007						0.0034
11/20/2007	<0.005					
1/15/2008						0.0067
1/23/2008	0.0047					
3/6/2008						0.13 (O)
3/11/2008	<0.005					
5/13/2008						<0.005
5/14/2008	<0.005					
12/11/2008	<0.005					
12/12/2008						0.0042
4/16/2009						0.0047
4/23/2009	<0.005					
10/9/2009	<0.005					
10/13/2009						0.0037
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	<0.005					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		0.0013
4/9/2014						0.0013 (J)
4/10/2014				0.0013 (J)		
4/14/2014	0.0013 (J)					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	0.00071 (J)					
4/1/2015	<0.005					
4/2/2015						0.00064 (J)
4/3/2015				<0.005		
5/26/2015		<0.005			0.0018	
6/18/2015		<0.005 (D)			0.0018 (D)	
7/2/2015		<0.005			0.0013	
10/8/2015				0.0014	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						0.0015 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.005		<0.005
5/24/2016	<0.005	<0.005		<0.005		
5/25/2016					<0.005	
5/26/2016						<0.005
5/31/2016			<0.005			
8/1/2016	<0.005	<0.005				
8/2/2016			0.0018 (J)	<0.005	<0.005	
8/5/2016						<0.005
9/26/2016	<0.005	<0.005			<0.005	
9/27/2016			0.0011 (J)	<0.005		
9/28/2016						<0.005
11/14/2016		<0.005				
11/18/2016	<0.005					
11/21/2016			0.0008 (J)		<0.005	<0.005
11/22/2016				<0.005		
2/1/2017	<0.005	<0.005	0.0008 (J)			
2/3/2017					<0.005	
2/6/2017				<0.005		<0.005
4/6/2017	<0.005	<0.005	0.0008 (J)	<0.005		<0.005
4/7/2017					<0.005	
6/13/2017	<0.005	<0.005	0.0007 (J)		<0.005	<0.005
6/14/2017				<0.005		
7/14/2017			0.0005 (J)			
10/3/2017	<0.005	<0.005	0.0007 (J)		<0.005	<0.005
10/4/2017				<0.005		
3/19/2018	<0.005					
3/20/2018		<0.005	0.00076 (J)		<0.005	<0.005
3/21/2018				<0.005		
9/17/2018	<0.005	<0.005				
9/18/2018			0.00055 (J)	<0.005	<0.005	<0.005 (D)
3/21/2019	<0.005	<0.005	0.00059 (J)			<0.005
3/27/2019				<0.005		
5/6/2019					<0.005	
9/13/2019			0.00099 (J)			
9/16/2019	<0.005	<0.005		<0.005 (D)	<0.005	<0.005
3/12/2020	<0.005	<0.005	0.00031 (J)	<0.005		0.00044 (J)
3/16/2020					<0.005	
9/16/2020	<0.005	<0.005	0.00072 (J)			
9/17/2020				<0.005	<0.005	<0.005
3/17/2021	<0.005	<0.005	0.00045 (J)	<0.005		
3/18/2021					<0.005	<0.005
8/10/2021	<0.005	<0.005	0.00087 (J)	<0.005	<0.005	<0.005
2/2/2022	<0.005	<0.005	0.00042 (J)	<0.005	<0.005	0.00043 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	0.0066	<0.005	0.0036			0.017	
10/23/2007	0.0076						
10/24/2007		0.0088	<0.005				
11/2/2007						0.016	
11/18/2007	0.0055 (J)	0.0075	0.013			0.048	
1/30/2008	0.0094						
1/31/2008		<0.005	0.0069			0.039	
3/10/2008	0.0056		0.0044				
3/11/2008		0.0068				0.037	
5/6/2008		<0.005					
5/13/2008	0.0027		0.0033				
5/14/2008						0.051	
12/4/2008		0.013	<0.005				
12/5/2008	<0.005					0.038	
4/15/2009	<0.005					0.033	
4/21/2009		<0.005	<0.005				
10/7/2009	0.0076	<0.005					
10/8/2009			<0.005			0.037	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						0.037	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		0.0027					
10/6/2010						0.041	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		0.0029					
4/21/2011						0.034	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						0.048	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						0.0427	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			0.038	
4/11/2013			<0.005			0.038	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		<0.005			0.036	
4/10/2014			0.005 (J)				
4/11/2014	0.005 (J)						
4/22/2014		<0.005					
4/23/2014						0.03	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						0.029	
3/30/2015	0.0033 (J)	<0.005	<0.005				

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.026	
10/12/2015						0.05	
10/13/2015	0.0013 (J)	<0.005	<0.005				
3/14/2016					<0.005		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			0.0297	
5/11/2016					<0.005		<0.005
5/16/2016				<0.005			
7/19/2016					0.0005 (J)		
7/21/2016							<0.005
7/27/2016				0.0271 (o)			
7/29/2016	<0.005	0.0032 (J)	0.0006 (J)			0.0419	
9/15/2016					<0.005		<0.005
11/2/2016					<0.005		
11/3/2016							<0.005
1/17/2017							<0.005
1/18/2017					<0.005		
2/21/2017				<0.005			
3/24/2017							<0.005
3/27/2017				<0.005			
3/28/2017					<0.005 (*)		
3/30/2017	0.0004 (J)	<0.005				0.0392	
4/3/2017			0.0004 (J)				
9/26/2017					0.0005 (J)		<0.005
9/29/2017				<0.005			
10/2/2017	0.0003 (J)	<0.005	0.0003 (J)				
10/4/2017						0.0343	
3/14/2018					<0.005		<0.005
3/16/2018	<0.005		<0.005	<0.005			
3/19/2018		0.0025 (J)				0.033	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	0.002 (J)			
9/17/2018	<0.005 (D)					0.033	
3/13/2019							<0.005
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				0.026	
9/9/2019					<0.005		0.0022 (J)
9/12/2019	<0.005	0.01273 (D)					
9/13/2019			0.00055 (J)			0.026	
3/9/2020				0.011 (J)	0.0007 (J)		<0.005
3/11/2020	<0.005	0.0002 (J)	0.0011 (J)			0.027	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	<0.005				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					<0.005		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	0.0013 (J)			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	0.00096 (J)				
2/2/2022				<0.005		<0.005	

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							0.018
4/23/2009							0.013
10/6/2009							0.012
4/27/2010							0.0095
9/30/2010							0.0087
4/14/2011							0.0061
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							0.0053
10/15/2013							0.0076
4/10/2014							0.005
10/1/2014							0.0047 (J)
3/30/2015							0.0048 (J)
10/11/2015							0.0055
3/11/2016			<0.005	<0.005	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		0.0005 (J)					
7/22/2016			<0.005				
8/1/2016							0.0025 (J)
9/15/2016	0.0007 (J)						
9/16/2016				<0.005	<0.005		
9/19/2016			0.003 (J)				
9/21/2016		<0.005					
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
3/24/2017	<0.005						
3/27/2017		<0.005	<0.005				
3/28/2017				<0.005 (*)	<0.005 (*)		
4/7/2017						0.0004 (J)	0.003 (J)
9/22/2017				0.0004 (J)	0.0006 (J)		
9/25/2017	0.0003 (J)	0.0007 (J)					
9/26/2017			<0.005				
10/2/2017							0.0031 (J)
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	0.0021 (J)	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							0.0037 (J)
3/21/2018						<0.005	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							0.0028 (J)
9/18/2018						<0.005	
3/13/2019				<0.005	0.0015 (J)		

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		0.0058	0.007	<0.005	0.0032	<0.005	<0.005
11/1/2007		<0.005	<0.005	<0.005	0.0031	<0.005	<0.005
11/18/2007				<0.005	<0.005		
11/19/2007						0.0029	0.0035
11/20/2007		0.006	0.0032				
1/16/2008						0.0067	
1/30/2008		0.0037	0.0039	<0.005	<0.005		
1/31/2008							<0.005
3/5/2008				<0.005		0.0058	<0.005
3/6/2008		0.004	<0.005		<0.005		
5/7/2008				0.0037	0.0029		
5/8/2008			0.0039				
5/12/2008		<0.005					<0.005
5/13/2008						<0.005	
12/12/2008	0.064 (O)						
12/13/2008		0.0051				<0.005	0.0028
12/14/2008			0.0046	<0.005	<0.005		
4/16/2009						0.0032	
4/23/2009	0.034						
4/28/2009							<0.005
4/29/2009		0.003	<0.005	<0.005	<0.005		
10/6/2009	0.026						
10/20/2009		<0.005					
10/21/2009			<0.005			<0.005	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						0.0034	
4/28/2010							<0.005
5/3/2010	0.014						
9/28/2010			<0.005	0.0028			
9/29/2010		<0.005			<0.005		
10/5/2010						<0.005	<0.005
10/11/2010	0.014						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						<0.005	<0.005
4/27/2011	0.028						
10/4/2011			<0.005	0.013	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							<0.005
10/19/2011	<0.005						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.005	
4/25/2012							<0.005
5/1/2012	0.0198						
10/2/2012	0.011					<0.005	<0.005
10/3/2012		<0.005		<0.005	<0.005		
10/8/2012			<0.005				
4/2/2013						0.0063	<0.005

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.005	<0.005	<0.005	<0.005		
4/10/2013	0.018						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	<0.005	
10/15/2013		<0.005	<0.005				
10/16/2013	0.016						
4/1/2014						<0.005	<0.005
4/2/2014				<0.005	0.005 (J)		
4/9/2014		<0.005	<0.005				
4/22/2014	0.014						
10/1/2014	0.0041 (J)						<0.005
10/2/2014		<0.005	<0.005	0.00084 (J)	0.0022 (J)	<0.005	
3/30/2015	0.012						
4/1/2015				<0.005	0.019	<0.005	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		0.0027 (J)					
10/11/2015	0.0049 (J)			<0.005	0.013		
10/12/2015			<0.005				
10/14/2015						0.0017 (J)	
10/15/2015							<0.005
3/28/2016	0.00734 (J)						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	<0.005	<0.005
8/1/2016	0.0049 (J)						
8/3/2016			<0.005	<0.005		<0.005	
8/4/2016					<0.005		<0.005
8/5/2016		<0.005					
4/3/2017	0.0023 (J)						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						0.0003 (J)	
4/12/2017							0.0003 (J)
10/2/2017	0.0023 (J)						
10/4/2017		<0.005	<0.005	<0.005	<0.005	<0.005	
10/9/2017							0.0005 (J)
3/16/2018	0.0035 (J)						
3/20/2018		<0.005					
3/21/2018			<0.005	<0.005			<0.005
3/22/2018					<0.005	<0.005	
9/18/2018	0.0041 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	
9/19/2018							<0.005
3/19/2019	0.0029 (J)						
3/22/2019		<0.005	<0.005				
3/23/2019				<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0028 (J)						
9/17/2019		<0.005	0.00029 (J)	<0.005	0.00031 (J)	<0.005 (D)	
9/18/2019							0.00057 (J)
3/11/2020	0.0035 (J)						
3/12/2020		<0.005	<0.005	0.00023 (J)	0.00032 (J)	<0.005	
3/13/2020							0.00033 (J)
9/15/2020	0.0031 (J)						
9/17/2020		<0.005	<0.005				
9/21/2020				<0.005	<0.005	<0.005	

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		0.0048 (J)		0.021			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	0.0037			
11/17/2007		0.0031	0.02				
11/18/2007				0.007 (J)			
11/19/2007	0.0043						
1/15/2008		0.0033	0.0043	0.0055			
1/31/2008	<0.005						
3/5/2008	<0.005	0.0026					
3/6/2008			<0.005				
3/10/2008				0.0042			
5/7/2008	<0.005	0.0028	0.0026				
5/13/2008				<0.005			
12/2/2008		0.0029	<0.005	0.0039			
12/12/2008	0.013						
4/16/2009		0.0035					
4/28/2009			0.003	<0.005			
4/29/2009	0.0029						
10/19/2009			<0.005				
10/20/2009		0.0056		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	0.0032						
9/29/2010		<0.005					
10/4/2010			0.0025				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	0.005 (J)						
4/21/2014		<0.005	<0.005	0.005 (J)			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		0.0012 (J)	0.00093 (J)				
10/14/2015	<0.005						
3/16/2016					<0.005	<0.005 (D)	<0.005 (D)
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					<0.005	<0.005 (D)	<0.005 (D)
7/25/2016					0.0005 (J)	<0.005 (D)	<0.005 (D)
8/4/2016			0.0007 (J)				
8/9/2016		<0.005					
9/19/2016					<0.005	0.0032 (JD)	<0.005 (D)
11/3/2016					<0.005		<0.005 (D)
11/4/2016						0.0006 (JD)	
1/19/2017					<0.005		
1/20/2017							<0.005 (D)
1/23/2017						0.0008 (JD)	
3/28/2017					<0.005 (*)		
3/29/2017						0.0005 (JD)	0.0022 (JD)
4/11/2017	<0.005	<0.005		0.0003 (J)			
4/12/2017			<0.005				
9/26/2017					0.0006 (J)		
9/27/2017						0.0014 (J)	<0.005
10/5/2017		<0.005					
10/6/2017	<0.005		0.0003 (J)	<0.005			
3/15/2018					<0.005	<0.005	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	<0.005 (D)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					0.00043 (J)	0.012 (JD)	<0.005 (D)
9/17/2019		<0.005	<0.005	<0.005			
9/18/2019	0.00021 (X)						
3/10/2020					0.00067 (J)	0.00031 (J)	<0.005
3/13/2020		<0.005	0.00029 (J)	0.0002 (J)			
3/17/2020	0.00045 (J)						
9/11/2020						<0.005	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	<0.005						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		<0.005	<0.005	<0.005			
3/19/2021	<0.005						
8/4/2021					0.0006 (J)		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					0.00053 (J)		

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022							
2/4/2022	<0.005	<0.005	<0.005			<0.005	<0.005
2/7/2022				<0.005			

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.0064
10/25/2007							0.0081
11/19/2007							0.0059
1/23/2008							0.018
3/11/2008							0.027
5/12/2008							0.016
12/11/2008							0.016
4/15/2009							0.017
10/9/2009							0.045
5/4/2010							0.031
10/12/2010							0.024
4/28/2011							0.0044
10/19/2011							0.038
5/2/2012							0.0865 (O)
10/9/2012							0.053
4/11/2013							0.04
10/16/2013							0.054
4/23/2014							0.054
10/3/2014							0.066
3/31/2015							0.025
10/12/2015							0.018
3/10/2016	<0.005	<0.005	<0.005	<0.005			
3/17/2016					<0.005	<0.005	
3/28/2016							0.0256
5/17/2016	<0.005			<0.005			
5/18/2016		<0.005	<0.005		<0.005	<0.005	
7/26/2016	<0.005						
7/27/2016		<0.005	<0.005	<0.005	<0.005		
7/28/2016						0.0007 (J)	
8/1/2016							0.0178 (J)
9/20/2016	0.0008 (J)	0.0011 (J)	0.001 (J)	0.0018 (J)			
9/21/2016					<0.005	0.0018 (J)	
11/4/2016	<0.005		<0.005	<0.005	<0.005		
11/7/2016		<0.005				<0.005	
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.005			
1/24/2017					<0.005	<0.005	
3/28/2017	<0.005			<0.005 (*)			
3/29/2017		0.0003 (J)	0.0003 (J)		<0.005		
3/30/2017						0.0003 (J)	
4/3/2017							0.0272
9/27/2017		<0.005	0.0011 (J)				
9/29/2017	<0.005			0.0003 (J)	<0.005	<0.005	
10/3/2017							0.0239 (J)
3/15/2018	<0.005	<0.005		<0.005	<0.005	<0.005	
3/16/2018			<0.005				
3/19/2018							0.021 (J)
9/13/2018	<0.005	<0.005	<0.005	<0.005	<0.005		
9/14/2018						<0.005	
9/17/2018							0.018 (J)
3/15/2019		<0.005		<0.005			
3/18/2019	<0.005				<0.005		

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/19/2019			<0.005			<0.005	
3/20/2019							0.023 (J)
9/11/2019	<0.005		0.0008 (J)	0.000535 (JD)	<0.005	0.00021 (J)	
9/12/2019		<0.005					
9/16/2019							0.016 (J)
3/9/2020		<0.005	0.00032 (J)	0.00035 (J)		0.00035 (J)	
3/10/2020	<0.005						
3/11/2020					<0.005		
3/16/2020							0.012 (J)
9/11/2020					<0.005		
9/14/2020	<0.005	<0.005		<0.005		<0.005	
9/15/2020			<0.005				
9/16/2020							0.017 (J)
3/11/2021	<0.005	<0.005	<0.005	<0.005			
3/15/2021					<0.005	<0.005	
3/17/2021							0.019
8/4/2021				<0.005			
8/5/2021	<0.005	<0.005	<0.005			0.00061 (J)	
8/9/2021							0.026
8/11/2021					<0.005		
1/31/2022	<0.005			<0.005			
2/1/2022		<0.005	<0.005		<0.005	<0.005	
2/2/2022							0.024

Time Series

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	0.0033					
8/23/2007						<0.005
10/25/2007	<0.005					
11/1/2007						0.0047
11/19/2007						0.0067 (J)
11/20/2007	0.0052					
1/15/2008						0.01
1/23/2008	0.0069					
3/6/2008						0.007
3/11/2008	0.0029					
5/13/2008						<0.005
5/14/2008	0.0035					
12/11/2008	<0.005					
12/12/2008						0.0048
4/16/2009						0.0042
4/23/2009	0.0038					
10/9/2009	0.0032					
10/13/2009						0.0034
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	0.0029					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		<0.005
4/9/2014						<0.005
4/10/2014				<0.005		
4/14/2014	0.005 (J)					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	0.00091 (J)					
4/1/2015	0.0011 (J)					
4/2/2015						<0.005
4/3/2015				<0.005		
5/26/2015		<0.005			<0.005	
6/18/2015		<0.005 (D)			0.005 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				0.002 (J)	0.00091 (J)	
10/9/2015	<0.005	<0.005				
10/10/2015						0.00345 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					0.0657 (J)		
3/15/2016							<0.1
3/22/2016	0.0614 (J)						
3/23/2016		0.0477 (J)	0.0826 (J)			<0.1	
5/11/2016					0.0401 (J)		0.0255 (J)
5/16/2016				0.0202 (JD)			
5/19/2016	0.064 (J)		0.0409 (J)				
5/20/2016		0.033 (J)					
5/23/2016						<0.1	
7/19/2016					<0.1		
7/21/2016							<0.1
7/27/2016				0.08 (JD)			
7/29/2016	0.11 (J)	0.16 (J)	0.07 (J)			<0.1	
9/15/2016					<0.1		
9/19/2016							<0.1
9/22/2016			<0.1			<0.1	
9/23/2016	0.03 (J)	0.1 (J)					
11/2/2016					0.04 (J)		
11/3/2016							0.11 (J)
11/9/2016	0.1 (J)	0.04 (J)					
11/10/2016			0.03 (J)			<0.1	
1/17/2017							0.02 (J)
1/18/2017					0.03 (J)		
1/30/2017	<0.1						
1/31/2017		<0.1	<0.1			<0.1	
2/21/2017				0.17 (JD)			
3/24/2017							<0.1
3/27/2017				0.09 (JD)			
3/28/2017					0.06 (J)		
3/30/2017	0.01 (J)	0.02 (J)				<0.1	
4/3/2017			0.02 (J)				
5/24/2017							<0.1
6/7/2017					0.06 (J)		
6/8/2017				0.05 (JD)			
6/9/2017	0.04 (J)		0.06 (J)				
6/12/2017		0.17 (J)				<0.1	
7/17/2017				0.05 (JD)			
7/27/2017				0.08 (JD)			
8/9/2017				<0.1 (*)			
9/26/2017					0.04 (J)		<0.1
9/29/2017				0.04 (JD)			
10/2/2017	0.07 (J)	<0.1	<0.1				
10/4/2017						<0.1	
3/14/2018					0.14 (J)		0.055 (J)
3/16/2018	0.029 (J)		<0.1	0.27 (J)			
3/19/2018		1.1 (O)				<0.1	
9/12/2018					<0.1		<0.1
9/14/2018		<0.1	<0.1	0.1 (J)			
9/17/2018	<0.1 (D)					<0.1	
3/13/2019							0.045 (X)
3/14/2019				0.066 (X)			
3/15/2019					<0.1		

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/19/2019			0.056 (J)				
3/20/2019	<0.1	<0.1				<0.1	
9/9/2019					0.054 (X)		<0.1
9/10/2019				0.055 (X)			
9/12/2019	0.051 (J)	<0.1 (D)					
9/13/2019			0.055 (J)			<0.1	
3/9/2020				<0.1	<0.1		<0.1
3/11/2020	0.052 (J)	<0.1	0.052 (J)			<0.1	
9/10/2020					<0.1		
9/11/2020							<0.1
9/15/2020	0.05 (J)	<0.1	<0.1				
9/16/2020				<0.1			
3/10/2021							<0.1
3/12/2021					0.051 (J)		
3/16/2021	<0.1		<0.1	<0.1			
3/17/2021		<0.1					
3/29/2021						0.053 (J)	
8/4/2021					<0.1		<0.1
8/6/2021				<0.1			
8/9/2021	<0.1	<0.1	<0.1			0.055 (J)	
1/31/2022					<0.1		<0.1
2/1/2022	<0.1	<0.1	<0.1				
2/2/2022				<0.1		<0.1	

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			0.0296 (J)	0.0329 (J)	0.0141 (J)		
3/15/2016	0.0285 (J)	0.0394 (J)					
3/28/2016							0.0314 (J)
5/12/2016	0.022 (J)						
5/13/2016		0.0234 (J)		0.0459 (J)	0.0141 (J)		
5/16/2016			0.0287 (J)				
5/23/2016							0.027 (J)
7/19/2016				<0.1	<0.1		
7/20/2016	<0.1						
7/21/2016		<0.1					
7/22/2016			0.04 (J)				
8/1/2016							<0.1
9/15/2016	<0.1						
9/16/2016				<0.1	<0.1		
9/19/2016			<0.1				
9/21/2016		<0.1					
9/26/2016							<0.1
11/2/2016				0.04 (J)	0.04 (J)		
11/3/2016	0.05 (J)	0.12 (J)	0.04 (J)				
11/10/2016							0.04 (J)
1/17/2017		0.01 (J)	0.02 (J)				
1/18/2017	0.02 (J)			<0.1	0.02 (J)		
1/30/2017							<0.1
2/22/2017						0.3 (D)	
3/24/2017	<0.1						
3/27/2017		<0.1	<0.1				
3/28/2017				<0.1	<0.1		
4/7/2017						0.19 (JD)	<0.1
6/6/2017	<0.1	<0.1		<0.1	<0.1		
6/7/2017			<0.1				
6/12/2017							0.07 (J)
6/14/2017						0.19 (JD)	
7/12/2017						0.18 (JD)	
7/20/2017						0.17 (JD)	
7/28/2017						0.13 (JD)	
8/9/2017						0.245 (D)	
8/24/2017						0.16 (JD)	
9/22/2017				<0.1	<0.1		
9/25/2017	<0.1	<0.1					
9/26/2017			<0.1				
10/2/2017							<0.1
10/3/2017						0.17 (JD)	
3/14/2018	<0.1	<0.1	0.06 (J)	<0.1			
3/15/2018					<0.1		
3/16/2018							<0.1
3/21/2018						0.24 (J)	
9/12/2018	<0.1	<0.1		<0.1	<0.1		
9/14/2018			<0.1				
9/17/2018							<0.1
9/18/2018						<0.1	
3/13/2019				<0.1	0.036 (X)		
3/14/2019	0.039 (X)	0.04 (X)	0.058 (X)				

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/19/2019							<0.1
3/21/2019						0.19 (JD)	
9/10/2019	<0.1	<0.1	<0.1				
9/11/2019				<0.1	<0.1		
9/12/2019						0.1 (JD)	
9/13/2019							<0.1
3/6/2020	<0.1		<0.1				
3/9/2020		<0.1		<0.1	<0.1		
3/11/2020							<0.1
3/12/2020						0.18 (J)	
9/10/2020	<0.1	<0.1	<0.1				
9/11/2020				<0.1			
9/14/2020					<0.1		
9/16/2020							<0.1
9/17/2020						0.12 (J)	
3/10/2021		<0.1					
3/11/2021	<0.1		<0.1	<0.1	<0.1		
3/16/2021						0.1	
3/17/2021							<0.1
8/4/2021	<0.1	<0.1	<0.1				
8/5/2021					<0.1		
8/6/2021				<0.1			
8/9/2021							<0.1
8/10/2021						0.087 (J)	
1/31/2022	<0.1	<0.1	<0.1	<0.1	<0.1		
2/1/2022							<0.1
2/3/2022						0.15	

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	0.0326 (J)						
3/31/2016		0.0389 (J)	0.0209 (J)				
4/4/2016				0.0357 (J)	0.022 (J)	0.035 (J)	0.026 (J)
5/25/2016	0.0285 (J)						
5/26/2016		0.0375 (J)	0.037 (J)	0.042 (J)	0.023 (J)		
5/27/2016						0.032 (J)	
5/31/2016							0.0234 (J)
8/1/2016	<0.1						
8/3/2016			<0.1	0.04 (J)		<0.1	
8/4/2016					0.05 (J)		0.09 (J)
8/5/2016		0.03 (J)					
9/26/2016	<0.1						
9/28/2016		<0.1	0.05 (J)	<0.1	<0.1		
9/29/2016							<0.1
9/30/2016						<0.1	
11/11/2016	<0.1						
11/22/2016		0.04 (J)	0.04 (J)	0.06 (J)	0.04 (J)	0.03 (J)	
11/28/2016							0.08 (J)
1/30/2017	<0.1						
2/7/2017		<0.1	<0.1				
2/8/2017				0.05 (J)	<0.1		
2/9/2017							0.24 (J)
2/13/2017						<0.1	
4/3/2017	0.04 (J)						
4/10/2017		<0.1	<0.1	<0.1	<0.1		
4/11/2017						<0.1	
4/12/2017							<0.1
6/12/2017	0.06 (J)						
6/14/2017		0.02 (J)	<0.1			0.01 (J)	
6/15/2017				0.03 (J)	<0.1		
6/16/2017							0.04 (J)
10/2/2017	<0.1						
10/4/2017		<0.1	<0.1	<0.1	<0.1	<0.1	
10/9/2017							<0.1
3/16/2018	<0.1						
3/20/2018		<0.1					
3/21/2018			<0.1	<0.1			<0.1
3/22/2018					<0.1	<0.1	
9/18/2018	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
9/19/2018							<0.1
3/19/2019	<0.1						
3/22/2019		0.045 (J)	<0.1				
3/23/2019				<0.1	<0.1	<0.1	<0.1
9/12/2019	<0.1						
9/17/2019		<0.1	<0.1	<0.1	<0.1	<0.1 (D)	
9/18/2019							<0.1
3/11/2020	<0.1						
3/12/2020		<0.1	<0.1	<0.1	<0.1	<0.1	
3/13/2020							<0.1
9/15/2020	<0.1						
9/17/2020		<0.1	<0.1				
9/21/2020				<0.1	<0.1	<0.1	

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.1
3/17/2021	<0.1						
3/18/2021		<0.1	<0.1				<0.1
3/19/2021				<0.1	<0.1	<0.1	
8/9/2021	<0.1						
8/10/2021		<0.1					
8/11/2021			<0.1	<0.1	<0.1	<0.1	<0.1
2/2/2022	<0.1					<0.1	
2/4/2022		<0.1	<0.1	<0.1	<0.1		
2/17/2022							<0.1

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					0.00218 (J)	<0.1 (D)	0.00957 (JD)
4/4/2016	0.044 (J)						
4/5/2016		1.78243 (J,O)	0.00288 (J)	0.011 (J)			
5/16/2016					0.0415 (J)	<0.1 (D)	0.0161 (JD)
5/31/2016			0.0233 (J)	0.0669 (J)			
6/1/2016	0.0338 (J)	0.0148 (J)					
7/25/2016					0.14 (J)	0.02 (JD)	0.14 (JD)
8/4/2016			<0.1				
8/9/2016		0.04 (J)					
9/19/2016					<0.1	<0.1 (D)	<0.1 (D)
9/29/2016			<0.1				
11/3/2016					0.06 (J)		0.08 (JD)
11/4/2016						0.04 (JD)	
11/23/2016			0.04 (J)	0.03 (J)			
11/28/2016		0.07 (J)					
1/19/2017					0.009 (J)		
1/20/2017							0.01 (JD)
1/23/2017						0.006 (JD)	
2/9/2017		0.08 (J)					
2/10/2017			<0.1	<0.1			
2/22/2017	0.22 (J)						
3/28/2017					0.04 (J)		
3/29/2017						<0.1 (D)	<0.1 (D)
4/11/2017	0.16 (J)	<0.1		<0.1			
4/12/2017			<0.1				
6/5/2017					0.06 (J)		
6/7/2017						<0.1	<0.1
6/14/2017		0.01 (J)					
6/15/2017			0.06 (J)	0.02 (J)			
6/16/2017	0.2 (J)						
7/12/2017	0.2 (J)	0.05 (J)		0.04 (J)			
7/20/2017					0.21 (J)		
7/26/2017				0.03 (J)			
7/28/2017	0.18 (J)						
8/10/2017	<0.1						
9/26/2017					0.14 (J)		
9/27/2017						<0.1	<0.1
10/5/2017		<0.1					
10/6/2017	0.14 (J)		<0.1	<0.1			
3/15/2018					0.11 (J)	<0.1	<0.1
3/22/2018		<0.1					
3/23/2018	0.24 (J)		<0.1	<0.1			
9/12/2018					0.062 (J)		
9/13/2018						<0.1	<0.1
9/19/2018		<0.1	<0.1	<0.1			
9/20/2018	<0.1						
3/14/2019					0.13 (X)	<0.1 (D)	0.039 (D)
3/22/2019	0.12 (J)	<0.1		<0.1			
3/25/2019			<0.1				
9/11/2019					<0.1	<0.1 (D)	<0.1 (D)
9/17/2019		<0.1	<0.1	<0.1			
9/18/2019	0.17 (X)						

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/10/2020					0.13 (J)	<0.1	<0.1
3/13/2020		<0.1	<0.1	<0.1			
3/17/2020	0.11 (J)						
9/11/2020						<0.1	<0.1
9/15/2020					<0.1		
9/21/2020		<0.1	<0.1	<0.1			
9/22/2020	0.1 (J)						
3/11/2021					<0.1	<0.1	<0.1
3/18/2021		<0.1	<0.1	<0.1			
3/19/2021	0.12						
8/4/2021					<0.1		
8/6/2021						<0.1	<0.1
8/11/2021		<0.1	<0.1	<0.1			
8/12/2021	0.11						
1/31/2022					<0.1		
2/1/2022						<0.1	<0.1
2/4/2022	0.13	<0.1	<0.1				
2/7/2022				<0.1			

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	<0.1	<0.1	<0.1	<0.1			
3/15/2021					<0.1	<0.1	
3/17/2021							<0.1
8/4/2021				<0.1			
8/5/2021	<0.1	<0.1	<0.1			<0.1	
8/9/2021							<0.1
8/11/2021					<0.1		
1/31/2022	<0.1			<0.1			
2/1/2022		<0.1	<0.1		<0.1	<0.1	
2/2/2022							<0.1

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.001	<0.001	<0.001			<0.001	
10/23/2007	<0.001						
10/24/2007		<0.001	<0.001				
11/2/2007						<0.001	
11/18/2007	<0.001	<0.001	<0.001			<0.001	
1/30/2008	<0.001						
1/31/2008		<0.001	<0.001			<0.001	
3/10/2008	<0.001		<0.001				
3/11/2008		<0.001				<0.001	
5/6/2008		<0.001					
5/13/2008	<0.001		<0.001				
5/14/2008						<0.001	
12/4/2008		<0.001	<0.001				
12/5/2008	<0.001					<0.001	
4/15/2009	<0.001					<0.001	
4/21/2009		<0.001	<0.001				
10/7/2009	<0.001	<0.001					
10/8/2009			<0.001			<0.001	
4/21/2010			<0.001				
4/26/2010		<0.001					
4/28/2010						<0.001	
5/3/2010	<0.001						
9/28/2010			<0.001				
10/4/2010		<0.001					
10/6/2010						<0.001	
10/12/2010	<0.001						
4/12/2011			<0.001				
4/13/2011		<0.001					
4/21/2011						<0.001	
4/27/2011	<0.001						
10/4/2011			<0.001				
10/5/2011		<0.001					
10/13/2011						<0.001	
10/17/2011	<0.001						
4/3/2012			<0.001				
4/11/2012		<0.001					
5/1/2012						<0.001	
5/2/2012	<0.001						
10/8/2012	<0.001						
10/9/2012		<0.001	<0.001			<0.001	
4/11/2013			<0.001			<0.001	
4/12/2013	<0.001						
4/15/2013		<0.001					
10/15/2013		<0.001					
10/16/2013	<0.001		<0.001			<0.001	
4/10/2014			<0.001				
4/11/2014	<0.001						
4/22/2014		<0.001					
4/23/2014						<0.001	
9/30/2014	<0.001	<0.001	<0.001				
10/4/2014						<0.001	
3/30/2015	0.0028 (J)	<0.001	<0.001				

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.001			
3/15/2019					<0.001		
3/19/2019			<0.001				
3/20/2019	<0.001	<0.001				<0.001	
9/9/2019					<0.001		<0.001
9/12/2019	<0.001	0.002536 (D)					
9/13/2019			<0.001			<0.001	
3/9/2020				0.00027 (J)	5.5E-05 (J)		9.5E-05 (J)
3/11/2020	<0.001	<0.001	5.8E-05 (J)			<0.001	
9/10/2020					<0.001		
9/11/2020							<0.001
9/15/2020	9.3E-05 (J)	<0.001	5E-05 (J)				
9/16/2020				0.0005 (J)			
3/10/2021							<0.001
3/12/2021					0.0002 (J)		
3/16/2021	5.2E-05 (J)		7E-05 (J)	0.0002 (J)			
3/17/2021		<0.001					
3/29/2021						<0.001	
8/4/2021					<0.001		<0.001
8/6/2021				<0.001			
8/9/2021	<0.001	<0.001	<0.001			<0.001	
1/31/2022					<0.001		<0.001
2/1/2022	<0.001	<0.001	<0.001				
2/2/2022				<0.001		<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.001
4/23/2009							<0.001
10/6/2009							<0.001
4/27/2010							<0.001
9/30/2010							<0.001
4/14/2011							<0.001
10/5/2011							<0.001
4/11/2012							<0.001
10/2/2012							<0.001
4/9/2013							<0.001
10/15/2013							<0.001
4/10/2014							<0.001
10/1/2014							<0.001
3/30/2015							<0.001
10/11/2015							<0.001
3/11/2016			<0.001	<0.001	<0.001		
3/15/2016	<0.001	<0.001					
3/28/2016							<0.001
5/12/2016	<0.001						
5/13/2016		<0.001		<0.001	<0.001		
5/16/2016			<0.001				
5/23/2016							<0.001
7/19/2016				<0.001	<0.001		
7/20/2016	<0.001						
7/21/2016		0.0001 (J)					
7/22/2016			0.0001 (J)				
8/1/2016							<0.001
9/15/2016	<0.001						
9/16/2016				<0.001	<0.001		
9/19/2016			0.0002 (J)				
9/21/2016		<0.001					
9/26/2016							0.0001 (J)
11/2/2016				<0.001	<0.001		
11/3/2016	<0.001	<0.001	<0.001				
11/10/2016							<0.001
1/17/2017		<0.001	<0.001				
1/18/2017	<0.001			<0.001	<0.001		
1/30/2017							<0.001
2/22/2017						0.0002 (J)	
3/24/2017	<0.001						
3/27/2017		<0.001	<0.001				
3/28/2017				<0.001	<0.001		
4/7/2017						<0.001	<0.001
6/6/2017	<0.001	<0.001		7E-05 (J)	0.0001 (J)		
6/7/2017			<0.001				
6/12/2017							<0.001
6/14/2017						<0.001 (D)	
7/12/2017						<0.001 (D)	
7/20/2017						<0.001 (D)	
7/28/2017						<0.001	
8/9/2017						<0.001	
8/24/2017						<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				8E-05 (J)	7E-05 (J)		
9/25/2017	<0.001	0.0001 (J)					
9/26/2017			<0.001				
10/2/2017							0.0003 (J)
10/3/2017						<0.001 (D)	
3/14/2018	<0.001	0.00031 (J)	<0.001	<0.001			
3/15/2018					0.0038 (J)		
3/16/2018							<0.001
3/21/2018						<0.001	
9/12/2018	<0.001	<0.001		<0.001	<0.001		
9/14/2018			<0.001				
9/17/2018							<0.001
9/18/2018						<0.001	
3/13/2019				<0.001	<0.001		
3/14/2019	<0.001	0.00031 (J)	<0.001				
3/19/2019							<0.001
3/21/2019						<0.001 (D)	
9/10/2019	<0.001 (D)	<0.001	<0.001				
9/11/2019				0.0001 (J)	9.2E-05 (J)		
9/12/2019						6.5E-05 (JD)	
9/13/2019							<0.001
3/6/2020	9.1E-05 (J)		0.00011 (J)				
3/9/2020		4.9E-05 (J)		9.1E-05 (J)	9.6E-05 (J)		
3/11/2020							<0.001
3/12/2020						<0.001	
9/10/2020	<0.001	<0.001	<0.001				
9/11/2020				4.6E-05 (J)			
9/14/2020					6.6E-05 (J)		
9/16/2020							9.3E-05 (J)
9/17/2020						<0.001	
3/10/2021		0.00012 (J)					
3/11/2021	<0.001		<0.001	6.3E-05 (J)	0.00013 (J)		
3/16/2021						<0.001	
3/17/2021							<0.001
8/4/2021	<0.001	<0.001	<0.001				
8/5/2021					<0.001		
8/6/2021				<0.001			
8/9/2021							<0.001
8/10/2021						<0.001	
1/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001		
2/1/2022							<0.001
2/3/2022						<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/1/2007		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/18/2007				<0.001	<0.001		
11/19/2007						<0.001	<0.001
11/20/2007		<0.001	<0.001				
1/16/2008						<0.001	
1/30/2008		<0.001	<0.001	<0.001	<0.001		
1/31/2008							<0.001
3/5/2008				<0.001		<0.001	<0.001
3/6/2008		<0.001	<0.001		<0.001		
5/7/2008				<0.001	<0.001		
5/8/2008			<0.001				
5/12/2008		<0.001					<0.001
5/13/2008						<0.001	
12/12/2008	<0.001						
12/13/2008		<0.001				<0.001	<0.001
12/14/2008			<0.001	<0.001	<0.001		
4/16/2009						<0.001	
4/23/2009	<0.001						
4/28/2009							<0.001
4/29/2009		<0.001	<0.001	<0.001	<0.001		
10/6/2009	<0.001						
10/20/2009		<0.001					
10/21/2009			<0.001			<0.001	<0.001
10/22/2009				<0.001	<0.001		
4/21/2010			<0.001	<0.001	<0.001		
4/26/2010		<0.001					
4/27/2010						<0.001	
4/28/2010							<0.001
5/3/2010	<0.001						
9/28/2010			<0.001	<0.001			
9/29/2010		<0.001			<0.001		
10/5/2010						<0.001	<0.001
10/11/2010	<0.001						
4/12/2011			<0.001	<0.001			
4/13/2011		<0.001			<0.001		
4/19/2011						<0.001	<0.001
4/27/2011	<0.001						
10/4/2011			<0.001	<0.001	<0.001		
10/5/2011		<0.001					
10/12/2011						<0.001	
10/18/2011							<0.001
10/19/2011	<0.001						
4/3/2012			<0.001	<0.001			
4/4/2012		<0.001			<0.001		
4/24/2012						<0.001	
4/25/2012							<0.001
5/1/2012	0.0012						
10/2/2012	<0.001					<0.001	<0.001
10/3/2012		<0.001		<0.001	<0.001		
10/8/2012			<0.001				
4/2/2013						<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.001	<0.001	<0.001	<0.001		
4/10/2013	<0.001						
10/8/2013							<0.001
10/9/2013				<0.001	<0.001	<0.001	
10/15/2013		<0.001	<0.001				
10/16/2013	<0.001						
4/1/2014						<0.001	<0.001
4/2/2014				<0.001	<0.001		
4/9/2014		<0.001	<0.001				
4/22/2014	<0.001						
10/1/2014	<0.001						<0.001
10/2/2014		<0.001	<0.001	<0.001	<0.001	<0.001	
3/30/2015	<0.001						
4/1/2015				<0.001	<0.001	<0.001	<0.001
4/2/2015		<0.001	<0.001				
10/10/2015		<0.001					
10/11/2015	<0.001			<0.001	<0.001		
10/12/2015			<0.001				
10/14/2015						<0.001	
10/15/2015							<0.001
3/28/2016	<0.001						
3/31/2016		<0.001	<0.001				
4/4/2016				<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001						
5/26/2016		<0.001	<0.001	<0.001	<0.001		
5/27/2016						<0.001	
5/31/2016							<0.001
8/1/2016	<0.001						
8/3/2016			<0.001	<0.001		<0.001	
8/4/2016					<0.001		0.0001 (J)
8/5/2016		<0.001					
9/26/2016	<0.001						
9/28/2016		<0.001	<0.001	<0.001	<0.001		
9/29/2016							0.0001 (J)
9/30/2016						<0.001	
11/11/2016	<0.001						
11/22/2016		<0.001	<0.001	<0.001	<0.001	<0.001	
11/28/2016							<0.001
1/30/2017	<0.001						
2/7/2017		<0.001	<0.001				
2/8/2017				<0.001	<0.001		
2/9/2017							0.0001 (J)
2/13/2017						<0.001	
4/3/2017	<0.001						
4/10/2017		<0.001	<0.001	<0.001	<0.001		
4/11/2017						<0.001	
4/12/2017							<0.001
6/12/2017	<0.001						
6/14/2017		<0.001	<0.001			<0.001	
6/15/2017				9E-05 (J)	<0.001		
6/16/2017							0.0002 (J)
10/2/2017	<0.001						

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.001						
8/23/2007			<0.001				
8/24/2007		<0.001		<0.001			
11/1/2007	<0.001						
11/2/2007		<0.001	<0.001	<0.001			
11/17/2007		<0.001	<0.001				
11/18/2007				<0.001			
11/19/2007	<0.001						
1/15/2008		<0.001	<0.001	<0.001			
1/31/2008	<0.001						
3/5/2008	<0.001	<0.001					
3/6/2008			<0.001				
3/10/2008				<0.001			
5/7/2008	<0.001	<0.001	<0.001				
5/13/2008				<0.001			
12/2/2008		<0.001	<0.001	<0.001			
12/12/2008	<0.001						
4/16/2009		<0.001					
4/28/2009			<0.001	<0.001			
4/29/2009	<0.001						
10/19/2009			<0.001				
10/20/2009		<0.001		<0.001			
10/21/2009	<0.001						
4/20/2010		<0.001					
4/27/2010			<0.001	<0.001			
4/28/2010	<0.001						
9/29/2010		<0.001					
10/4/2010			<0.001				
10/5/2010				<0.001			
10/6/2010	<0.001						
4/12/2011		<0.001					
4/18/2011			<0.001				
4/19/2011				<0.001			
4/20/2011	<0.001						
10/4/2011		<0.001					
10/12/2011	<0.001		<0.001	<0.001			
4/4/2012		<0.001					
4/23/2012			<0.001				
4/25/2012	<0.001			<0.001			
10/2/2012	<0.001						
10/10/2012		<0.001	<0.001	<0.001			
4/2/2013	<0.001						
4/15/2013		<0.001	<0.001				
4/16/2013				<0.001			
10/8/2013	<0.001						
10/22/2013		<0.001	<0.001	<0.001			
4/1/2014	<0.001						
4/21/2014		<0.001	<0.001	<0.001			
9/30/2014		<0.001	<0.001	<0.001			
10/1/2014	<0.001						
3/31/2015	<0.001						
4/3/2015		<0.001	<0.001	<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.001			
10/7/2015		<0.001	<0.001				
10/14/2015	<0.001						
3/16/2016					<0.001	<0.001 (D)	<0.001 (D)
4/4/2016	<0.001						
4/5/2016		<0.001	<0.001	<0.001			
5/16/2016					<0.001	<0.001 (D)	<0.001 (D)
5/31/2016			<0.001	<0.001			
6/1/2016	<0.001	<0.001					
7/25/2016					0.0003 (J)	0.0002 (JD)	0.0001 (JD)
8/4/2016			<0.001				
8/9/2016		<0.001					
9/19/2016					0.0002 (J)	0.0004 (JD)	<0.001 (D)
9/29/2016			0.0008 (J)				
11/3/2016					0.0002 (J)		<0.001 (D)
11/4/2016						0.0002 (JD)	
11/23/2016			0.0011 (J)	<0.001			
11/28/2016		<0.001					
1/19/2017					0.0003 (J)		
1/20/2017							<0.001 (D)
1/23/2017						0.0001 (JD)	
2/9/2017		0.0002 (J)					
2/10/2017			<0.001	<0.001			
2/22/2017	0.0003 (J)						
3/28/2017					<0.001 (*)		
3/29/2017						0.0001 (JD)	0.0001 (JD)
4/11/2017	<0.001	<0.001		<0.001			
4/12/2017			<0.001				
6/5/2017					0.0007 (J)		
6/7/2017						0.0001 (J)	8E-05 (J)
6/14/2017		<0.001					
6/15/2017			0.0005 (J)	<0.001			
6/16/2017	<0.001						
7/12/2017	<0.001	<0.001		<0.001			
7/26/2017				<0.001			
7/28/2017	<0.001						
8/10/2017	<0.001						
9/26/2017					0.0004 (J)		
9/27/2017						0.0003 (J)	9E-05 (J)
10/5/2017		<0.001					
10/6/2017	<0.001		0.0004 (J)	<0.001			
3/15/2018					0.00064 (J)	<0.001	<0.001
3/22/2018		<0.001					
3/23/2018	<0.001		0.00028 (J)	<0.001			
9/12/2018					0.00037 (J)		
9/13/2018						<0.001	<0.001
9/19/2018		<0.001	0.00029 (J)	<0.001			
9/20/2018	<0.001						
3/14/2019					0.00077 (J)	<0.001 (D)	<0.001 (D)
3/22/2019	<0.001	<0.001		<0.001			
3/25/2019			0.00047 (J)				
9/11/2019					0.00047 (J)	0.00016 (JD)	<0.001 (D)

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.001	0.00016 (J)	<0.001			
9/18/2019	4.8E-05 (X)						
3/10/2020					0.00066 (J)	0.00014 (J)	<0.001
3/13/2020		<0.001	0.00037 (J)	4.8E-05 (J)			
3/17/2020	<0.001						
9/11/2020						0.00012 (J)	<0.001
9/15/2020					0.00045 (J)		
9/21/2020		0.00023 (J)	0.00093 (J)	7.5E-05 (J)			
9/22/2020	7.1E-05 (J)						
3/11/2021					0.00053 (J)	0.00012 (J)	4.5E-05 (J)
3/18/2021		<0.001	0.00036 (J)	4E-05 (J)			
3/19/2021	7.4E-05 (J)						
8/4/2021					<0.001		
8/6/2021						<0.001	<0.001
8/11/2021		<0.001	<0.001	<0.001			
8/12/2021	<0.001						
1/31/2022					<0.001		
2/1/2022						<0.001	<0.001
2/4/2022	<0.001	<0.001	<0.001				
2/7/2022				<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.001					
8/23/2007						<0.001
10/25/2007	<0.001					
11/1/2007						<0.001
11/19/2007						<0.001
11/20/2007	<0.001					
1/15/2008						<0.001
1/23/2008	<0.001					
3/6/2008						<0.001
3/11/2008	<0.001					
5/13/2008						<0.001
5/14/2008	<0.001					
12/11/2008	<0.001					
12/12/2008						<0.001
4/16/2009						<0.001
4/23/2009	<0.001					
10/9/2009	<0.001					
10/13/2009						<0.001
4/21/2010						<0.001
5/4/2010	<0.001					
9/29/2010						<0.001
10/11/2010	<0.001					
4/13/2011						<0.001
4/26/2011	<0.001					
10/5/2011						<0.001
10/18/2011	<0.001			<0.001		
4/4/2012						0.0012
4/30/2012				<0.001		
5/2/2012	<0.001					
10/3/2012				<0.001		
10/8/2012	<0.001					<0.001
4/8/2013				<0.001		<0.001
4/10/2013	<0.001					
10/8/2013	<0.001					
10/9/2013				<0.001		<0.001
4/9/2014						<0.001
4/10/2014				<0.001		
4/14/2014	<0.001					
9/30/2014						<0.001
10/2/2014				<0.001		
10/3/2014	<0.001					
4/1/2015	<0.001					
4/2/2015						<0.001
4/3/2015				<0.001		
5/26/2015		<0.001			<0.001	
6/18/2015		<0.001 (D)			<0.001 (D)	
7/2/2015		<0.001			<0.001	
10/8/2015				<0.001	<0.001	
10/9/2015	<0.001	<0.001				
10/10/2015						<0.001 (D)
3/22/2016					<0.001	
3/29/2016	<0.001	<0.001				

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.0002	<0.0002	<0.0002			<0.0002	
10/23/2007	<0.0002						
10/24/2007		<0.0002	<0.0002				
11/2/2007						<0.0002	
11/18/2007	<0.0002	<0.0002	<0.0002			<0.0002	
1/30/2008	<0.0002						
1/31/2008		<0.0002	<0.0002			<0.0002	
3/10/2008	<0.0002		<0.0002				
3/11/2008		<0.0002				<0.0002	
5/6/2008		0.000175					
5/13/2008	<0.0002		<0.0002				
5/14/2008						<0.0002	
12/4/2008		<0.0002	<0.0002				
12/5/2008	<0.0002					<0.0002	
4/15/2009	<0.0002					<0.0002	
4/21/2009		<0.0002	<0.0002				
10/7/2009	<0.0002	<0.0002					
10/8/2009			<0.0002			<0.0002	
4/21/2010			<0.0002				
4/26/2010		<0.0002					
4/28/2010						<0.0002	
5/3/2010	<0.0002						
9/28/2010			<0.0002				
10/4/2010		<0.0002					
10/6/2010						<0.0002	
10/12/2010	<0.0002						
4/12/2011			<0.0002				
4/13/2011		<0.0002					
4/21/2011						<0.0002	
4/27/2011	<0.0002						
10/4/2011			<0.0002				
10/5/2011		<0.0002					
10/13/2011						<0.0002	
10/17/2011	<0.0002						
4/3/2012			<0.0002				
4/11/2012		<0.0002					
5/1/2012						<0.0002	
5/2/2012	<0.0002						
10/8/2012	<0.0002						
10/9/2012		<0.0002	<0.0002			<0.0002	
4/11/2013			<0.0002			<0.0002	
4/12/2013	<0.0002						
4/15/2013		<0.0002					
10/15/2013		<0.0002					
10/16/2013	<0.0002		<0.0002			<0.0002	
4/10/2014			<0.0002				
4/11/2014	<0.0002						
4/22/2014		<0.0002					
4/23/2014						<0.0002	
9/30/2014	<0.0002	<0.0002	<0.0002				
10/4/2014						<0.0002	
3/30/2015	<0.0002	<0.0002	<0.0002				

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.0002			
3/15/2019					<0.0002		
3/19/2019			<0.0002				
3/20/2019	<0.0002	<0.0002				<0.0002	
9/9/2019					<0.0002		<0.0002
9/12/2019	<0.0002	<0.0002 (D)					
9/13/2019			<0.0002			<0.0002	
3/9/2020				<0.0002	<0.0002		<0.0002
3/11/2020	<0.0002	<0.0002	<0.0002			<0.0002	
9/10/2020					<0.0002		
9/11/2020							<0.0002
9/15/2020	<0.0002	<0.0002	<0.0002				
9/16/2020				<0.0002			
3/10/2021							<0.0002
3/12/2021					<0.0002		
3/16/2021	<0.0002		<0.0002	<0.0002			
3/17/2021		<0.0002					
3/29/2021						<0.0002	
8/4/2021					0.00012 (J)		9.4E-05 (J)
8/6/2021				<0.0002			
8/9/2021	<0.0002	<0.0002	<0.0002			<0.0002	
1/31/2022					<0.0002		<0.0002
2/1/2022	<0.0002	<0.0002	<0.0002				
2/2/2022				<0.0002		<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.0002
4/23/2009							<0.0002
10/6/2009							<0.0002
4/27/2010							<0.0002
9/30/2010							<0.0002
4/14/2011							<0.0002
10/5/2011							<0.0002
4/11/2012							<0.0002
10/2/2012							<0.0002
4/9/2013							<0.0002
10/15/2013							<0.0002
4/10/2014							<0.0002
10/1/2014							<0.0002
3/30/2015							2.02E-05 (J)
10/11/2015							<0.0002
3/11/2016			<0.0002	<0.0002	<0.0002		
3/15/2016	<0.0002	<0.0002					
3/28/2016							<0.0002
5/12/2016	<0.0002						
5/13/2016		<0.0002		<0.0002	<0.0002		
5/16/2016			<0.0002				
5/23/2016							<0.0002
7/19/2016				<0.0002	<0.0002		
7/20/2016	<0.0002						
7/21/2016		<0.0002					
7/22/2016			<0.0002				
8/1/2016							<0.0002
9/15/2016	<0.0002						
9/16/2016				<0.0002	<0.0002		
9/19/2016			<0.0002				
9/21/2016		<0.0002					
9/26/2016							<0.0002
11/2/2016				<0.0002	<0.0002		
11/3/2016	<0.0002	<0.0002	<0.0002				
11/10/2016							<0.0002
1/17/2017		<0.0002	<0.0002				
1/18/2017	<0.0002			<0.0002	<0.0002		
1/30/2017							<0.0002
2/22/2017						<0.0002	
3/24/2017	<0.0002						
3/27/2017		<0.0002	<0.0002				
3/28/2017				<0.0002	<0.0002		
4/7/2017						<0.0002	<0.0002
6/6/2017	<0.0002	<0.0002		<0.0002	<0.0002		
6/7/2017			<0.0002				
6/12/2017							<0.0002
6/14/2017						0.000286 (D)	
7/12/2017						<0.0002 (D)	
7/20/2017						<0.0002 (D)	
7/28/2017						<0.0002	
8/9/2017						<0.0002	
8/24/2017						<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.0002	<0.0002		
9/25/2017	<0.0002	<0.0002					
9/26/2017			<0.0002				
10/2/2017							<0.0002
10/3/2017						<0.0002 (D)	
3/14/2018	<0.0002	<0.0002	<0.0002	<0.0002			
3/15/2018					<0.0002		
3/16/2018							<0.0002
3/21/2018						<0.0002	
9/12/2018	<0.0002	<0.0002		<0.0002	3.9E-05 (J)		
9/14/2018			3.8E-05 (J)				
9/17/2018							<0.0002
9/18/2018						<0.0002	
3/13/2019				<0.0002	<0.0002		
3/14/2019	<0.0002	<0.0002	<0.0002				
3/19/2019							<0.0002
3/21/2019						<0.0002 (D)	
9/10/2019	<0.0002 (D)	<0.0002	<0.0002				
9/11/2019				<0.0002	<0.0002		
9/12/2019						<0.0002 (D)	
9/13/2019							<0.0002
3/6/2020	<0.0002		<0.0002				
3/9/2020		<0.0002		<0.0002	<0.0002		
3/11/2020							<0.0002
3/12/2020						<0.0002	
9/10/2020	<0.0002	<0.0002	<0.0002				
9/11/2020				<0.0002			
9/14/2020					<0.0002		
9/16/2020							<0.0002
9/17/2020						<0.0002	
3/10/2021		<0.0002					
3/11/2021	<0.0002		<0.0002	<0.0002	<0.0002		
3/16/2021						<0.0002	
3/17/2021							<0.0002
8/4/2021	9E-05 (J)	9.4E-05 (J)	8E-05 (J)				
8/5/2021					9.6E-05 (J)		
8/6/2021				<0.0002			
8/9/2021							<0.0002
8/10/2021						<0.0002	
1/31/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
2/1/2022							<0.0002
2/3/2022						<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/1/2007		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/18/2007				<0.0002	<0.0002		
11/19/2007						<0.0002	<0.0002
11/20/2007		<0.0002	<0.0002				
1/16/2008						<0.0002	
1/30/2008		<0.0002	<0.0002	<0.0002	<0.0002		
1/31/2008							<0.0002
3/5/2008				<0.0002		<0.0002	<0.0002
3/6/2008		<0.0002	<0.0002		<0.0002		
5/7/2008				0.000181	<0.0002		
5/8/2008			<0.0002				
5/12/2008		<0.0002					<0.0002
5/13/2008						<0.0002	
12/12/2008	<0.0002						
12/13/2008		<0.0002				<0.0002	<0.0002
12/14/2008			<0.0002	<0.0002	<0.0002		
4/16/2009						<0.0002	
4/23/2009	<0.0002						
4/28/2009							<0.0002
4/29/2009		<0.0002	<0.0002	<0.0002	<0.0002		
10/6/2009	<0.0002						
10/20/2009		<0.0002					
10/21/2009			<0.0002			<0.0002	<0.0002
10/22/2009				<0.0002	<0.0002		
4/21/2010			<0.0002	<0.0002	<0.0002		
4/26/2010		<0.0002					
4/27/2010						<0.0002	
4/28/2010							<0.0002
5/3/2010	<0.0002						
9/28/2010			<0.0002	<0.0002			
9/29/2010		<0.0002			<0.0002		
10/5/2010						<0.0002	<0.0002
10/11/2010	<0.0002						
4/12/2011			<0.0002	<0.0002			
4/13/2011		<0.0002			<0.0002		
4/19/2011						<0.0002	<0.0002
4/27/2011	<0.0002						
10/4/2011			<0.0002	<0.0002	<0.0002		
10/5/2011		<0.0002					
10/12/2011						<0.0002	
10/18/2011							<0.0002
10/19/2011	<0.0002						
4/3/2012			<0.0002	<0.0002			
4/4/2012		<0.0002			<0.0002		
4/24/2012						<0.0002	
4/25/2012							<0.0002
5/1/2012	<0.0002						
10/2/2012	<0.0002					<0.0002	<0.0002
10/3/2012		<0.0002		<0.0002	<0.0002		
10/8/2012			<0.0002				
4/2/2013						<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.0002	<0.0002	<0.0002	<0.0002		
4/10/2013	<0.0002						
10/8/2013							<0.0002
10/9/2013				<0.0002	<0.0002	<0.0002	
10/15/2013		<0.0002	<0.0002				
10/16/2013	<0.0002						
4/1/2014						0.0002 (J)	0.0002 (J)
4/2/2014				0.0002 (J)	<0.0002		
4/9/2014		<0.0002	<0.0002				
4/22/2014	<0.0002						
10/1/2014	<0.0002						<0.0002
10/2/2014		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/30/2015	<0.0002						
4/1/2015				<0.0002	<0.0002	<0.0002	<0.0002
4/2/2015		<0.0002	<0.0002				
10/10/2015		<0.0002					
10/11/2015	<0.0002			<0.0002	<0.0002		
10/12/2015			<0.0002				
10/14/2015						<0.0002	
10/15/2015							<0.0002
3/28/2016	<0.0002						
3/31/2016		<0.0002	<0.0002				
4/4/2016				<0.0002	<0.0002	<0.0002	<0.0002
5/25/2016	<0.0002						
5/26/2016		<0.0002	<0.0002	<0.0002	<0.0002		
5/27/2016						<0.0002	
5/31/2016							<0.0002
8/1/2016	<0.0002						
8/3/2016			<0.0002	<0.0002		<0.0002	
8/4/2016					<0.0002		<0.0002
8/5/2016		<0.0002					
9/26/2016	<0.0002						
9/28/2016		<0.0002	<0.0002	<0.0002	<0.0002		
9/29/2016							<0.0002
9/30/2016						<0.0002	
11/11/2016	<0.0002						
11/22/2016		<0.0002	<0.0002	<0.0002	<0.0002	8E-05 (J)	
11/28/2016							<0.0002
1/30/2017	<0.0002						
2/7/2017		<0.0002	<0.0002				
2/8/2017				<0.0002	<0.0002		
2/9/2017							<0.0002
2/13/2017						<0.0002	
4/3/2017	<0.0002						
4/10/2017		<0.0002	<0.0002	<0.0002	<0.0002		
4/11/2017						<0.0002	
4/12/2017							<0.0002
6/12/2017	<0.0002						
6/14/2017		<0.0002	<0.0002			<0.0002	
6/15/2017				<0.0002	<0.0002		
6/16/2017							<0.0002
10/2/2017	<0.0002						

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.0002						
8/23/2007			<0.0002				
8/24/2007		<0.0002		<0.0002			
11/1/2007	<0.0002						
11/2/2007		<0.0002	<0.0002	<0.0002			
11/17/2007		<0.0002	<0.0002				
11/18/2007				<0.0002			
11/19/2007	<0.0002						
1/15/2008		<0.0002	<0.0002	<0.0002			
1/31/2008	<0.0002						
3/5/2008	<0.0002	<0.0002					
3/6/2008			<0.0002				
3/10/2008				<0.0002			
5/7/2008	<0.0002	<0.0002	<0.0002				
5/13/2008				<0.0002			
12/2/2008		<0.0002	<0.0002	<0.0002			
12/12/2008	<0.0002						
4/16/2009		<0.0002					
4/28/2009			<0.0002	<0.0002			
4/29/2009	<0.0002						
10/19/2009			<0.0002				
10/20/2009		<0.0002		<0.0002			
10/21/2009	<0.0002						
4/20/2010		<0.0002					
4/27/2010			<0.0002	<0.0002			
4/28/2010	<0.0002						
9/29/2010		<0.0002					
10/4/2010			<0.0002				
10/5/2010				<0.0002			
10/6/2010	<0.0002						
4/12/2011		<0.0002					
4/18/2011			<0.0002				
4/19/2011				<0.0002			
4/20/2011	<0.0002						
10/4/2011		<0.0002					
10/12/2011	<0.0002		<0.0002	<0.0002			
4/4/2012		<0.0002					
4/23/2012			<0.0002				
4/25/2012	<0.0002			<0.0002			
10/2/2012	<0.0002						
10/10/2012		<0.0002	<0.0002	<0.0002			
4/2/2013	<0.0002						
4/15/2013		<0.0002	<0.0002				
4/16/2013				<0.0002			
10/8/2013	<0.0002						
10/22/2013		<0.0002	<0.0002	<0.0002			
4/1/2014	0.0002 (J)						
4/21/2014		<0.0002	<0.0002	<0.0002			
9/30/2014		<0.0002	<0.0002	<0.0002			
10/1/2014	<0.0002						
3/31/2015	<0.0002						
4/3/2015		<0.0002	<0.0002	<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.0002			
10/7/2015		<0.0002	<0.0002				
10/14/2015	<0.0002						
3/16/2016					<0.0002	<0.0002 (D)	<0.0002 (D)
4/4/2016	<0.0002						
4/5/2016		<0.0002	<0.0002	<0.0002			
5/16/2016					<0.0002	<0.0002 (D)	<0.0002 (D)
5/31/2016			<0.0002	<0.0002			
6/1/2016	<0.0002	<0.0002					
7/25/2016					<0.0002	<0.0002 (D)	<0.0002 (D)
8/4/2016			<0.0002				
8/9/2016		<0.0002					
9/19/2016					<0.0002	<0.0002 (D)	<0.0002 (D)
9/29/2016			<0.0002				
11/3/2016					<0.0002		<0.0002 (D)
11/4/2016						<0.0002 (D)	
11/23/2016			5E-05 (J)	6E-05 (J)			
11/28/2016		<0.0002					
1/19/2017					<0.0002		
1/20/2017							<0.0002 (D)
1/23/2017						<0.0002 (D)	
2/9/2017		<0.0002					
2/10/2017			<0.0002	<0.0002			
2/22/2017	<0.0002						
3/28/2017					<0.0002		
3/29/2017						0.000285 (D)	0.000285 (D)
4/11/2017	<0.0002	<0.0002		<0.0002			
4/12/2017			<0.0002				
6/5/2017					<0.0002		
6/7/2017						<0.0002	<0.0002
6/14/2017		<0.0002					
6/15/2017			<0.0002	<0.0002			
6/16/2017	<0.0002						
7/12/2017	<0.0002	<0.0002		<0.0002			
7/26/2017				<0.0002			
7/28/2017	<0.0002						
8/10/2017	<0.0002						
9/26/2017					<0.0002		
9/27/2017						<0.0002	<0.0002
10/5/2017		<0.0002					
10/6/2017	<0.0002		<0.0002	<0.0002			
3/15/2018					<0.0002	<0.0002	<0.0002
3/22/2018		<0.0002					
3/23/2018	<0.0002		<0.0002	<0.0002			
9/12/2018					<0.0002		
9/13/2018						<0.0002	<0.0002
9/19/2018		<0.0002	<0.0002	<0.0002			
9/20/2018	<0.0002						
3/14/2019					<0.0002	<0.0002 (D)	<0.0002 (D)
3/22/2019	<0.0002	<0.0002		<0.0002			
3/25/2019			<0.0002				
9/11/2019					<0.0002	<0.0002 (D)	<0.0002 (D)

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.0002	<0.0002	<0.0002			
9/18/2019	<0.0002						
3/10/2020					<0.0002	<0.0002	<0.0002
3/13/2020		<0.0002	<0.0002	<0.0002			
3/17/2020	<0.0002						
9/11/2020						<0.0002	<0.0002
9/15/2020					<0.0002		
9/21/2020		<0.0002	<0.0002	<0.0002			
9/22/2020	<0.0002						
3/11/2021					<0.0002	<0.0002	<0.0002
3/18/2021		<0.0002	<0.0002	<0.0002			
3/19/2021	<0.0002						
8/4/2021					8.7E-05 (J)		
8/6/2021						<0.0002	<0.0002
8/11/2021		<0.0002	<0.0002	<0.0002			
8/12/2021	<0.0002						
1/31/2022					<0.0002		
2/1/2022						<0.0002	<0.0002
2/4/2022	<0.0002	<0.0002	<0.0002				
2/7/2022				<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.0002					
8/23/2007						<0.0002
10/25/2007	<0.0002					
11/1/2007						<0.0002
11/19/2007						<0.0002
11/20/2007	<0.0002					
1/15/2008						<0.0002
1/23/2008	<0.0002					
3/6/2008						<0.0002
3/11/2008	<0.0002					
5/13/2008						<0.0002
5/14/2008	<0.0002					
12/11/2008	<0.0002					
12/12/2008						<0.0002
4/16/2009						<0.0002
4/23/2009	<0.0002					
10/9/2009	<0.0002					
10/13/2009						<0.0002
4/21/2010						<0.0002
5/4/2010	<0.0002					
9/29/2010						<0.0002
10/11/2010	<0.0002					
4/13/2011						<0.0002
4/26/2011	<0.0002					
10/5/2011						<0.0002
10/18/2011	<0.0002			<0.0002		
4/4/2012						<0.0002
4/30/2012				<0.0002		
5/2/2012	<0.0002					
10/3/2012				<0.0002		
10/8/2012	<0.0002					<0.0002
4/8/2013				<0.0002		<0.0002
4/10/2013	<0.0002					
10/8/2013	<0.0002					
10/9/2013				<0.0002		<0.0002
4/9/2014						<0.0002
4/10/2014				<0.0002		
4/14/2014	<0.0002					
9/30/2014						<0.0002
10/2/2014				3.83E-05 (J)		
10/3/2014	3.29E-05 (J)					
4/1/2015	<0.0002					
4/2/2015						<0.0002
4/3/2015				<0.0002		
5/26/2015		<0.0002			<0.0002	
6/18/2015		<0.0002 (D)			<0.0002 (D)	
7/2/2015		<0.0002			<0.0002	
8/13/2015		<0.0002 (D)				
8/14/2015					<0.0002 (D)	
10/8/2015				<0.0002	<0.0002	
10/9/2015	<0.0002	<0.0002				
10/10/2015						<0.0002 (D)

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			0.028	
10/23/2007	0.0096						
10/24/2007		0.026 (O)	0.0025				
11/2/2007						0.041	
11/18/2007	0.023	0.043 (O)	0.0093			0.14 (O)	
1/30/2008	0.11 (O)						
1/31/2008		0.0075	0.054 (O)			0.053	
3/10/2008	0.024		0.0054				
3/11/2008		0.019				0.076 (o)	
5/6/2008		0.004					
5/13/2008	0.006		0.0043				
5/14/2008						0.074 (o)	
12/4/2008		0.02	<0.005				
12/5/2008	<0.005					0.032	
4/15/2009	<0.005					0.028	
4/21/2009		<0.005	<0.005				
10/7/2009	0.0096	<0.005					
10/8/2009			<0.005			0.032	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						0.029	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		0.0025					
10/6/2010						0.031	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						0.019	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						0.028	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						0.0253	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			0.023	
4/11/2013			<0.005			0.021	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		0.0028					
10/16/2013	<0.005		<0.005			0.018	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						0.015	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						0.017	
3/30/2015	0.004	0.0018 (J)	<0.005				

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.045	
10/12/2015						0.019	
10/13/2015	<0.005	<0.005	<0.005				
3/14/2016					0.00544 (J)		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			0.019	
5/11/2016					0.0149		<0.005
5/16/2016				0.0136 (D)			
7/19/2016					0.0044 (J)		
7/21/2016							<0.005
7/27/2016				0.0224 (D)			
7/29/2016	<0.005	<0.005	<0.005			0.0161	
9/15/2016					0.0047 (J)		<0.005
11/2/2016					0.0025 (J)		
11/3/2016							<0.005
1/17/2017							<0.005
1/18/2017					0.004 (J)		
2/21/2017				0.0007 (J)			
3/24/2017							<0.005 (*)
3/27/2017				<0.005 (D)			
3/28/2017					0.0034 (J)		
3/30/2017	0.0004 (J)	0.0006 (J)				0.018	
4/3/2017			<0.005				
9/26/2017					0.0016 (J)		<0.005
9/29/2017				<0.005 (D)			
10/2/2017	<0.005	<0.005	<0.005				
10/4/2017						0.0158	
3/14/2018					<0.005		<0.005
3/16/2018	<0.005		<0.005	<0.005			
3/19/2018		<0.005				0.015	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	<0.005			
9/17/2018	<0.005 (D)					0.014	
3/13/2019							<0.005
3/14/2019				0.0017 (J)			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				0.01	
9/9/2019					0.0014 (J)		<0.005
9/12/2019	0.00038 (J)	0.00518 (D)				0.012	
9/13/2019			<0.005				
3/9/2020				0.00083 (J)	0.04 (o)		<0.005
3/11/2020	0.00068 (J)	0.0014 (J)	0.002 (J)			0.012	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	0.0013 (J)				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					0.0015 (J)		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	0.00081 (J)			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	<0.005				
2/2/2022				<0.005		<0.005	

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							0.0035
4/23/2009							0.0032
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							0.0028
10/5/2011							0.0028
4/11/2012							<0.005
10/2/2012							0.0026
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							0.0025 (J)
10/1/2014							<0.005
3/30/2015							0.0015 (J)
10/11/2015							0.0013 (J)
3/11/2016			<0.005	0.00288 (J)	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			0.00233 (J)				
7/19/2016				0.0006 (J)	<0.005		
7/20/2016	0.0006 (J)						
7/21/2016		0.0009 (J)					
7/22/2016			0.0014 (J)				
8/1/2016							<0.005
9/15/2016	0.0009 (J)						
9/16/2016				0.0008 (J)	<0.005		
9/19/2016			0.0014 (J)				
9/21/2016		<0.005					
11/2/2016				0.0007 (J)	<0.005		
11/3/2016	0.0011 (J)	<0.005	0.0013 (J)				
1/17/2017		<0.005	0.0011 (J)				
1/18/2017	0.0007 (J)			0.0006 (J)	0.0006 (J)		
3/24/2017	<0.005 (*)						
3/27/2017		<0.005 (*)	<0.005 (*)				
3/28/2017				<0.005 (*)	<0.005 (*)		
4/7/2017						<0.005	0.0011 (J)
9/22/2017				0.0007 (J)	<0.005		
9/25/2017	<0.005	0.0012 (J)					
9/26/2017			0.0011 (J)				
10/2/2017							0.0013 (J)
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	0.0014 (J)	0.0012 (J)	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						<0.005	
9/12/2018	<0.005	0.0011 (J)		<0.005	<0.005		
9/14/2018			0.0012 (J)				
9/17/2018							0.00096 (J)
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.005	0.001 (J)	0.0015 (J)				
3/19/2019							<0.005
3/21/2019						<0.005 (D)	
9/10/2019	0.0004 (JD)	0.00084 (J)	0.0012 (J)				
9/11/2019				0.00082 (J)	<0.005		
9/12/2019						0.00032 (JD)	
9/13/2019							0.00063 (J)
3/6/2020	0.0089 (J)		0.0015 (J)				
3/9/2020		0.00036 (J)		0.00082 (J)	<0.005		
3/11/2020							0.00084 (J)
3/12/2020						0.00034 (J)	
9/10/2020	<0.005	<0.005	0.0011 (J)				
9/11/2020				0.00089 (J)			
9/14/2020					<0.005		
9/16/2020							<0.005
9/17/2020						<0.005	
3/10/2021		<0.005					
3/11/2021	<0.005		0.0011 (J)	<0.005	<0.005		
3/16/2021						<0.005	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	0.0011 (J)				
8/5/2021					<0.005		
8/6/2021				0.00084 (J)			
8/9/2021							0.00077 (J)
8/10/2021						<0.005	
1/31/2022	<0.005	0.00091 (J)	0.0011 (J)	0.00077 (J)	<0.005		
2/1/2022							0.0008 (J)
2/3/2022						<0.005	

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	<0.005	<0.005	<0.005	0.0076
11/1/2007		0.0042	0.006	<0.005	<0.005	<0.005	0.0043
11/18/2007				<0.005	<0.005		
11/19/2007						0.0047	0.0061
11/20/2007		0.026	<0.005				
1/16/2008						0.029	
1/30/2008		0.032	0.029 (C)	<0.005	<0.005		
1/31/2008							0.015
3/5/2008				<0.005		0.023	<0.005
3/6/2008		0.019	<0.005		0.0046		
5/7/2008				0.0087	<0.005		
5/8/2008			0.0057				
5/12/2008		0.0072					0.0035
5/13/2008						0.0032	
12/12/2008	0.0096						
12/13/2008		0.024				<0.005	0.0079
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						<0.005	
4/23/2009	0.015						
4/28/2009							<0.005
4/29/2009		0.0026	<0.005	<0.005	<0.005		
10/6/2009	0.008						
10/20/2009		<0.005					
10/21/2009			<0.005			<0.005	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						<0.005	
4/28/2010							<0.005
5/3/2010	0.0053						
9/28/2010			<0.005	<0.005			
9/29/2010		0.0042			<0.005		
10/5/2010						<0.005	<0.005
10/11/2010	0.0061						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						0.0025	<0.005
4/27/2011	0.0087						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							0.0031
10/19/2011	0.0039						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.005	
4/25/2012							<0.005
5/1/2012	0.0054						
10/2/2012	0.0044					<0.005	<0.005
10/3/2012		0.004		0.0042	<0.005		
10/8/2012			<0.005				
4/2/2013						0.003	<0.005

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.0028	<0.005	<0.005	<0.005		
4/10/2013	0.0053						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	<0.005	
10/15/2013		0.0036	<0.005				
10/16/2013	0.0047						
4/1/2014						0.0025 (J)	<0.005
4/2/2014				0.0025 (J)	<0.005		
4/9/2014		0.0025 (J)	<0.005				
4/22/2014	0.0045						
10/1/2014	0.0018 (J)						<0.005
10/2/2014		<0.005	<0.005	0.0016 (J)	<0.005	<0.005	
3/30/2015	0.0037						
4/1/2015				<0.005	0.0041	0.0014 (J)	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	0.0018 (J)			<0.005	<0.005		
10/12/2015			<0.005				
10/14/2015						0.0021 (J)	
10/15/2015							<0.005
3/28/2016	0.0028 (J)						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	0.00264 (J)	<0.005
8/1/2016	<0.005						
8/3/2016			<0.005	<0.005		<0.005	
8/4/2016					<0.005		<0.005
8/5/2016		<0.005					
4/3/2017	0.0022 (J)						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						0.0027 (J)	
4/12/2017							<0.005
10/2/2017	0.0021 (J)						
10/4/2017		<0.005	0.0006 (J)	<0.005	<0.005	0.0022 (J)	
10/9/2017							<0.005
3/16/2018	0.0014 (J)						
3/20/2018		0.0016 (J)					
3/21/2018			<0.005	<0.005			<0.005
3/22/2018					<0.005	0.0025 (J)	
9/18/2018	0.0012 (J)	<0.005	<0.005	<0.005	<0.005	0.0024 (J)	
9/19/2018							<0.005
3/19/2019	0.0016 (J)						
3/22/2019		0.0022 (J)	<0.005				
3/23/2019				<0.005	<0.005	0.0026 (J)	<0.005
9/12/2019	0.0015 (J)						
9/17/2019		<0.005	<0.005	<0.005	<0.005	0.0033 (JD)	
9/18/2019							0.00046 (J)
3/11/2020	0.001 (J)						
3/12/2020		0.0015 (J)	0.00043 (J)	<0.005	<0.005	0.0022 (J)	
3/13/2020							<0.005
9/15/2020	0.0012 (J)						
9/17/2020		<0.005	<0.005				
9/21/2020				<0.005	<0.005	0.0019 (J)	

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			0.0089				
8/24/2007		<0.005		<0.005			
11/1/2007	0.0033						
11/2/2007		0.0029	0.0036	<0.005			
11/17/2007		0.0086	0.014 (O)				
11/18/2007				0.0088 (J)			
11/19/2007	0.0029						
1/15/2008		0.011	0.0096	0.019			
1/31/2008	0.0039						
3/5/2008	<0.005	0.0072					
3/6/2008			0.0038				
3/10/2008				0.017			
5/7/2008	<0.005	0.0045	0.0056				
5/13/2008				0.0058			
12/2/2008		0.011	0.003	0.0043			
12/12/2008	0.022 (O)						
4/16/2009		0.0061					
4/28/2009			<0.005	<0.005			
4/29/2009	0.0034						
10/19/2009			<0.005				
10/20/2009		0.01		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			0.004	<0.005			
4/28/2010	0.0026						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	<0.005			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					<0.005	<0.005 (D)	<0.005 (D)
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					<0.005	0.00316 (JD)	<0.005 (D)
7/25/2016					0.0006 (J)	0.0013 (JD)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		0.0021 (J)					
9/19/2016					0.0008 (J)	0.0013 (JD)	<0.005 (D)
11/3/2016					0.0007 (J)		<0.005 (D)
11/4/2016						0.0015 (JD)	
1/19/2017					0.0009 (J)		
1/20/2017							<0.005 (D)
1/23/2017						0.0015 (JD)	
3/28/2017					<0.005 (*)		
3/29/2017						0.0012 (JD)	<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005			
4/12/2017			<0.005				
9/26/2017					0.0007 (J)		
9/27/2017						0.0014 (J)	<0.005
10/5/2017		<0.005					
10/6/2017	<0.005		0.001 (J)	<0.005			
3/15/2018					<0.005	0.0011 (J)	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						0.001 (J)	<0.005
9/19/2018		0.00096 (J)	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	0.001 (JD)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			0.0011 (J)				
9/11/2019					0.00058 (J)	0.0012 (JD)	<0.005 (D)
9/17/2019		0.0007 (X)	0.00057 (J)	<0.005			
9/18/2019	<0.005						
3/10/2020					0.00086 (J)	0.0012 (J)	<0.005
3/13/2020		0.00078 (J)	0.00072 (J)	<0.005			
3/17/2020	0.00082 (J)						
9/11/2020						0.00099 (J)	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	0.0015 (J)	<0.005			
9/22/2020	<0.005						
3/11/2021					<0.005	0.00092 (J)	<0.005
3/18/2021		<0.005	0.00079 (J)	<0.005			
3/19/2021	<0.005						
8/4/2021					<0.005		
8/6/2021						0.00098 (J)	0.00095 (J)
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					<0.005		

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022						0.0011 (J)	<0.005
2/4/2022	<0.005	<0.005	0.00093 (J)				
2/7/2022				<0.005			

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.0069
10/25/2007							0.038
11/19/2007							0.025
1/23/2008							0.047
3/11/2008							0.042
5/12/2008							0.031
12/11/2008							0.027
4/15/2009							0.025
10/9/2009							0.051
5/4/2010							0.025
10/12/2010							0.024
4/28/2011							0.01
10/19/2011							0.03
5/2/2012							0.0429
10/9/2012							0.033
4/11/2013							0.02
10/16/2013							0.028
4/23/2014							0.024
10/3/2014							0.032
3/31/2015							0.012
10/12/2015							0.012
3/10/2016	<0.005	<0.005	<0.005	0.00235 (J)			
3/17/2016					<0.005	0.00778 (J)	
3/28/2016							0.0172
5/17/2016	<0.005			0.00489 (J)			
5/18/2016		<0.005	<0.005		<0.005	<0.005	
7/26/2016	<0.005						
7/27/2016		<0.005	0.0007 (J)	0.0036 (J)	<0.005		
7/28/2016						0.0024 (J)	
8/1/2016							0.0113
9/20/2016	0.0013 (J)	<0.005	0.0007 (J)	0.0035 (J)			
9/21/2016					<0.005	0.0044 (J)	
11/4/2016	<0.005		0.0006 (J)	0.0035 (J)	<0.005		
11/7/2016		<0.005				0.0035 (J)	
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.005			
1/24/2017					<0.005	0.005 (J)	
3/28/2017	<0.005			0.0033 (J)			
3/29/2017		0.0004 (J)	0.0003 (J)		<0.005		
3/30/2017						0.0046 (J)	
4/3/2017							0.0114
9/27/2017		<0.005	<0.005				
9/29/2017	<0.005			0.0036 (J)	<0.005	0.004 (J)	
10/3/2017							0.0098 (J)
3/15/2018	<0.005	<0.005		0.0033 (J)	<0.005	0.0028 (J)	
3/16/2018			<0.005				
3/19/2018							0.0092 (J)
9/13/2018	<0.005	<0.005	<0.005	0.0038 (J)	<0.005		
9/14/2018						0.0024 (J)	
9/17/2018							0.0085 (J)
3/15/2019		<0.005		0.0033 (J)			
3/18/2019	<0.005				<0.005		

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/19/2019			0.0042 (J)			0.0047 (J)	
3/20/2019							0.008 (J)
9/11/2019	<0.005		0.0014 (J)	0.00405 (JD)	<0.005	0.0012 (J)	
9/12/2019		<0.005					
9/16/2019							0.008 (J)
3/9/2020		<0.005	<0.005	0.0039 (J)		0.003 (J)	
3/10/2020	<0.005						
3/11/2020					0.0004 (J)		
3/16/2020							0.015
9/11/2020					<0.005		
9/14/2020	<0.005	<0.005		0.0046 (J)		0.0014 (J)	
9/15/2020			<0.005				
9/16/2020							0.0075 (J)
3/11/2021	<0.005	<0.005	<0.005	0.0047 (J)			
3/15/2021					<0.005	0.0013 (J)	
3/17/2021							0.0077
8/4/2021				0.0045 (J)			
8/5/2021	<0.005	<0.005	<0.005			0.0023 (J)	
8/9/2021							0.0089
8/11/2021					<0.005		
1/31/2022	<0.005			0.0052			
2/1/2022		<0.005	<0.005		<0.005	0.0014 (J)	
2/2/2022							0.0088

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						0.0046
10/25/2007	0.0028					
11/1/2007						0.0057
11/19/2007						0.014 (J)
11/20/2007	0.012					
1/15/2008						0.057 (O)
1/23/2008	0.046 (O)					
3/6/2008						0.046 (O)
3/11/2008	0.0091					
5/13/2008						0.0069
5/14/2008	0.022					
12/11/2008	0.005					
12/12/2008						0.0061
4/16/2009						0.0067 (J)
4/23/2009	0.0031					
10/9/2009	0.0053					
10/13/2009						0.0054
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	0.0042					
4/13/2011						<0.005
4/26/2011	0.0051					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	0.0025					
10/9/2013				<0.005		0.0029
4/9/2014						0.0025 (J)
4/10/2014				<0.005		
4/14/2014	0.0025 (J)					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	0.0021 (J)					
4/1/2015	0.0026					
4/2/2015						0.0016 (J)
4/3/2015				<0.005		
5/26/2015		<0.005			0.002 (J)	
6/18/2015		<0.005 (D)			0.0025 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				0.003	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						0.00295 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					6.91		
3/15/2016							7.58
3/22/2016	7.65						
3/23/2016		6.7	7.45			5.96	
5/11/2016					6.51		7.24
5/16/2016				7.61 (D)			
5/19/2016	7.6		7.5				
5/20/2016		6.36					
5/23/2016						5.73	
7/19/2016					6.12		
7/21/2016							7.53
7/27/2016				7.51 (D)			
7/29/2016	7.58	6.75	7.59			5.51	
9/15/2016					5.96		7
9/19/2016							7.19
9/22/2016			7.44			5.45	
9/23/2016	7.57	6.62					
11/2/2016					5.78		
11/3/2016							7.13
11/9/2016	7.45	6.42					
11/10/2016			7.55			5.51	
1/17/2017							7.51
1/18/2017					6.13		
1/30/2017	7.64						
1/31/2017		5.66	7.56			5.42	
2/21/2017				7.76 (D)			
3/24/2017							7.55
3/27/2017				7.7 (D)			
3/28/2017					6.59		
3/30/2017	7.51	6.33				5.43	
4/3/2017			7.46				
5/24/2017							7.6
6/7/2017					6.72		
6/8/2017				7.69 (D)			
6/9/2017	7.6		7.24				
6/12/2017		6.6				5.47	
7/17/2017				7.57 (D)			
7/26/2017				7.63			
7/27/2017				7.63			
8/8/2017				7.73			
8/9/2017				7.73			
9/26/2017					7.05		7.66
9/29/2017				7.7 (D)			
10/2/2017	7.55	5.61	7.35				
10/4/2017						5.23	
12/28/2017					6.79 (Y)		7.34 (Y)
3/14/2018					7.42		7.56
3/16/2018	7.58		7.31	7.49			
3/19/2018		6.55				5.4	
9/12/2018					6.86		7.12
9/14/2018		5.81	7.55	7.32			
9/17/2018	7.53 (D)					5.22	

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/13/2019							7.12
3/14/2019				7.46			
3/15/2019					6.78		
3/19/2019			7.2				
3/20/2019	7.64	5.71				5.22	
9/9/2019					6.49		7.07
9/10/2019				7.48			
9/12/2019	7.36	5.45 (D)					
9/13/2019			7.29			5.07	
3/9/2020				7.68	5.9		7.5
3/11/2020	7.51	6.56	7.09			5.31	
9/10/2020					5.53		
9/11/2020							6.98
9/15/2020	7.43	6.38	7.45				
9/16/2020				7.68			
3/10/2021							7.3
3/12/2021					6.39		
3/16/2021	7.57		7.51	7.85			
3/17/2021		6.58					
3/29/2021						8.04	
8/4/2021					6.21		6.79
8/6/2021				7.09			
8/9/2021	7.44	6.47	6.63			7.85	
1/31/2022					6.41		6.85
2/1/2022	7.52	6.3	6.62				
2/2/2022				6.89		7.94	

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			7.37	6.43	7.89		
3/15/2016	6.74	7.15					
3/28/2016							6.22
5/12/2016	6.41						
5/13/2016		7.29		6.8	7.86		
5/16/2016			7.55				
5/23/2016							5.86
7/19/2016				6.42	7.83		
7/20/2016	6.59						
7/21/2016		7.43					
7/22/2016			7.51				
8/1/2016							6.39
9/16/2016				6.19	7.75		
9/19/2016			7.52				
9/21/2016		7.05					
9/26/2016							5.74
11/2/2016				6.36	7.77		
11/3/2016	6.45	7.4	7.56				
11/10/2016							5.78
1/17/2017		7.06	7.59				
1/18/2017	6.34			6.16	7.65		
1/30/2017							5.88
2/22/2017						7.38 (D)	
3/24/2017	6.42						
3/27/2017		7.13	7.63				
3/28/2017				5.8	7.79		
4/7/2017						7.35 (D)	5.94
6/6/2017	6.82	7.18		5.97	7.89		
6/7/2017			7.55				
6/12/2017							5.81
6/14/2017						7.3 (D)	
7/11/2017						7.39	
7/12/2017						7.39 (D)	
7/19/2017						7.44	
7/20/2017						7.44 (D)	
7/27/2017						7.5	
7/28/2017						7.5	
8/8/2017						7.52	
8/9/2017						7.52	
8/23/2017						7.5	
8/24/2017						7.5	
9/22/2017				5.77	7.8		
9/25/2017	6.63	6.88					
9/26/2017			7.59				
10/2/2017							5.93
10/3/2017						7.51 (D)	
12/28/2017					7.78 (Y)	7.32 (Y)	
3/14/2018	7.08	7.04	7.6	5.85			
3/15/2018					7.66		
3/16/2018							5.64
3/21/2018						7.3	
9/12/2018	6.54	7.02		5.65	7.75		

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/14/2018			7.37				
9/17/2018							5.82
9/18/2018						7.26	
3/13/2019				5.63	7.84		
3/14/2019	6.58	6.93	7.57				
3/19/2019							5.93
3/21/2019						7.28 (D)	
9/10/2019	5.66	6.72	7.53				
9/11/2019				5.53	7.75		
9/12/2019						7.2 (D)	
9/13/2019							5.61
3/6/2020	6.82		7.42				
3/9/2020		6.7		5.5	7.73		
3/11/2020							5.57
3/12/2020						7.55	
9/10/2020	6.4	6.67	7.48				
9/11/2020				6.25			
9/14/2020					7.76		
9/16/2020							5.62
9/17/2020						7.42	
3/10/2021		7.3					
3/11/2021	6.8		7.53	5.55	7.81		
3/16/2021						7.4	
3/17/2021							5.64
8/4/2021	6.34	7.15	7.35				
8/5/2021					7.75		
8/6/2021				5.52			
8/9/2021							5.34
8/10/2021						7.2	
1/31/2022	6.02	6.63	7.17	5.71	8.04		
2/1/2022							5.61
2/3/2022						7.2	

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	6.45 (D)						
3/31/2016		7.21	7.54				
4/4/2016				7.16	8.01	6.53 (D)	7.44 (D)
5/25/2016	6.96						
5/26/2016		7.3	7.43	7.23	7.91		
5/27/2016						6.45	
5/31/2016							7.37
8/1/2016	5.64						
8/3/2016			7.41	6.96		6.41	
8/4/2016					7.85		7.32
8/5/2016		7.54					
9/26/2016	6.26						
9/28/2016		7.48	7.26	7.6	8.26		
9/29/2016							7.38
9/30/2016						6.46	
11/11/2016	5.62						
11/22/2016		7.54	7.38	6.71	7.79	6.39	
11/28/2016							7.43
1/30/2017	5.49						
2/7/2017		7.17	7.46				
2/8/2017				6.84	7.77		
2/9/2017							7.36
2/13/2017						6.4	
4/3/2017	6.32						
4/10/2017		6.72	7.51	7.13	7.95		
4/11/2017						6.37	
4/12/2017							7.46
6/12/2017	6.48						
6/14/2017		6.83	7.34			5.85	
6/15/2017				7.1	7.79		
6/16/2017							7.36
10/2/2017	6.41						
10/4/2017		7.38	7.54	6.25	7.74	6.27	
10/9/2017							7.38
3/16/2018	5.46						
3/20/2018		6.23					
3/21/2018			7.33	7.07			7.33
3/22/2018					7.72	6.45	
9/18/2018	5.35	7.14	7.66	6.9	7.88	6.42	
9/19/2018							7.31
3/19/2019	6.01						
3/22/2019		6.23	7.34				
3/23/2019				6.27	7.56	6.34	7.27
9/12/2019	5.89						
9/17/2019		7.16	7.51	6.55	7.58	6.19 (D)	
9/18/2019							7.28
3/11/2020	5.4						
3/12/2020		6.43	7.49	6.3	7.6	6.17	
3/13/2020							7.25
9/15/2020	5.26						
9/17/2020		7.28	7.7				
9/21/2020				7.02	7.84	6.28	

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							7.34
3/17/2021	6.31						
3/18/2021		6.69	7.52				7.3
3/19/2021				7.05	7.64	6.31	
5/26/2021					7.55		
8/9/2021	5.16						
8/10/2021		6.63					
8/11/2021			7.46	6.02	7.65	6.05	7.07
2/2/2022	5.17					6.35	
2/4/2022		6.53	7.69	7.2	7.58		
2/17/2022							7.24

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					4.49	5.1	7.22
4/4/2016	8.56 (o)						
4/5/2016		10.61 (o)	7.71	9.23 (o)			
5/16/2016					4.55	5.15	7.34
5/31/2016			7.66	9.52 (o)			
6/1/2016	9.83 (o)	10.32 (o)					
7/25/2016					4.63	5.13	7.38
8/4/2016			7.8				
8/9/2016		8.23 (o)					
9/19/2016					4.65	5	7.37
9/29/2016			7.46				
11/3/2016					4.69		7.52
11/4/2016						5.02	
11/23/2016			7.62	7.88			
11/28/2016		7.29					
1/19/2017					4.58		
1/20/2017							7.3
1/23/2017						4.9	
2/9/2017		6.91					
2/10/2017			7.51	7.72			
2/22/2017	7.45						
3/28/2017					4.45		
3/29/2017						5.08	7.29
4/11/2017	6.37	6.68		7.83			
4/12/2017			7.54				
6/5/2017					4.33		
6/7/2017						5.06	7.43
6/14/2017		6.84					
6/15/2017			7.71	7.86			
6/16/2017	7.33						
7/12/2017	7.46	6.54		7.73			
7/20/2017					4.38		
7/26/2017				7.71			
7/27/2017	7.37						
7/28/2017	7.37						
8/9/2017	7.38						
8/10/2017	7.38						
9/26/2017					4.51		
9/27/2017						4.92	7.2
10/5/2017		6.93					
10/6/2017	6.55		7.58	7.74			
12/28/2017	7.43 (Y)						
12/29/2017						5.08 (Y)	
3/15/2018					4.34	4.6	6.87
3/22/2018		6.93					
3/23/2018	7.58		7.34	7.89			
9/12/2018					4.49		
9/13/2018						5.26	7.31
9/19/2018		6.88	7.66	7.77			
9/20/2018	7.43						
3/14/2019					4.41	5.01 (D)	7.14 (D)
3/22/2019	7.49	6.27		7.55			

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/25/2019			7.64				
9/11/2019					4.36	4.93 (D)	7.2 (D)
9/17/2019		6.04	7.35	7.76			
9/18/2019	7.5						
3/10/2020					4.44	4.98	7.05
3/13/2020		6.16	7.56	7.68			
3/17/2020	7.62						
9/11/2020						4.91	7.26
9/15/2020					4.46		
9/21/2020		6.06	7.48	7.65			
9/22/2020	6.95						
12/15/2020						4.92	
3/11/2021					4.21	4.68	7.21
3/18/2021		6.04	7.58	7.87			
3/19/2021	7.42						
8/4/2021					4.38		
8/6/2021						4.65	7.05
8/11/2021		6.09	7.59	7.81			
8/12/2021	7.11						
1/31/2022					4.78		
2/1/2022						4.88	7.15
2/4/2022	7.46	6.06	7.61				
2/7/2022				7.83			

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	7.39	7.56	8.08	5.66			
3/17/2016					7.82	6.4	
3/28/2016							7.04
5/17/2016	7.32			5.11			
5/18/2016		7.58	7.91		7.85	6.17	
5/25/2016							6.39
7/26/2016	7.32						
7/27/2016		7.58	7.83	5.17	7.87		
7/28/2016						5.85	
8/1/2016							6.13
9/20/2016	7.3	7.68	7.69	5.12			
9/21/2016					7.8	5.61	
9/27/2016							5.98
11/4/2016	7.38		7.75	5.03	7.89		
11/7/2016		7.7				5.71	
11/11/2016							6.11
1/20/2017	7.29		7.6				
1/23/2017		7.61		5.1			
1/24/2017					7.97	5.58	
1/31/2017							6.08
3/28/2017	7.21			5.03			
3/29/2017		7.57	7.63		7.71		
3/30/2017						5.44	
4/3/2017							6.13
6/7/2017	7.47						
6/8/2017		7.48	7.64	4.77	7.86		
6/9/2017						5.11	
6/12/2017							6.83
9/27/2017		7.55	7.62				
9/29/2017	7.42			5.06	7.72	5.51	
10/3/2017							6.2
12/28/2017		7.59 (Y)		5.07 (Y)	7.71 (Y)		
1/10/2018						5.51 (Y)	
3/15/2018	7.22	7.42		5.14	7.51	5.12	
3/16/2018			7.72				
3/19/2018							6.06
9/13/2018	7.52	7.49	7.68	5.02	8.02		
9/14/2018						5.38	
9/17/2018							6.14
3/15/2019		7.45		5.28			
3/18/2019	7.39				7.89		
3/19/2019			7.93			5.6	
3/20/2019							6.29
9/11/2019	7.36		7.55	4.93	8.22	5.35	
9/12/2019		7.48					
9/16/2019							6.09
3/9/2020		7.19	7.51	5.18		5.6	
3/10/2020	7.44						
3/11/2020					8.19		
3/16/2020							6.88
9/11/2020					8		
9/14/2020	7.43	7.54		5		5.32	

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
9/15/2020			7.64				
9/16/2020							6
3/11/2021	7.53	7.34	7.48	4.95			
3/15/2021					8.05	5.31	
3/17/2021							5.85
5/26/2021	7.39			4.72			
8/4/2021				4.91			
8/5/2021	7.44	7.41	7.45			5.34	
8/9/2021							5.71
8/11/2021					7.98		
10/28/2021		7.34	7.36				
1/31/2022	7.48			4.86			
2/1/2022		7.55	7.54		7.63	5	
2/2/2022							5.9

Time Series

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					7.53 (D)	
3/29/2016	7.54	7.24				
3/30/2016				8.2		6.07
5/24/2016	7.39	7.1		8.07		
5/25/2016					8.04	
5/26/2016						6.44
5/31/2016			7.98			
8/1/2016	7.26	7.07				
8/2/2016			7.64	8.07	7.74	
8/5/2016						6.67
9/26/2016	7.19	7.15			7.4	
9/27/2016			7.18	8.06		
9/28/2016						6.89
11/14/2016		7.15				
11/18/2016	7.04					
11/21/2016			7.49		7.4	6.89
11/22/2016				8.07		
2/1/2017	7.34	7.09	7.2			
2/3/2017					7.05	
2/6/2017				7.88		4.93
4/6/2017	7.49	7.23	7.42	7.86		4.92
4/7/2017					7.14	
6/13/2017	7.38	6.99	7.25		7.52	5.03
6/14/2017				7.66		
7/14/2017			7.5			
10/3/2017	7.39	7.09	7.5		7.38	6.01
10/4/2017				7.84		
1/9/2018				7.86 (Y)		
3/19/2018	7.32					
3/20/2018		6.9	6.76		7.27	4.88
3/21/2018				7.9		
9/17/2018	7.57	6.96				
9/18/2018			7.26	7.92	6.95	5.36 (D)
3/21/2019	7.21	6.82	7.3			5.33
3/27/2019				8.07		
5/6/2019					7.98	
9/13/2019			6.8			
9/16/2019	7.35	6.83		7.9 (D)	7.15	6.03
3/12/2020	7.4	6.88	7.53	8.02		4.82
3/16/2020					7.01	
9/16/2020	7.33	6.99	7.56			
9/17/2020				7.96	7.05	6.39
3/17/2021	7.57	7.03	7.52	8.08		
3/18/2021					6.45	4.78
8/10/2021	7.16	6.65	7.13	7.89	6.99	4.71
2/2/2022	7.4	6.8	7.54	8.13	8.92	4.81

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			<0.005	
10/23/2007	<0.005						
10/24/2007		<0.005	<0.005				
11/2/2007						<0.005	
11/18/2007	<0.005	<0.005	<0.005			<0.005	
1/30/2008	<0.005						
1/31/2008		<0.005	<0.005			<0.005	
3/10/2008	<0.005		<0.005				
3/11/2008		<0.005				<0.005	
5/6/2008		<0.005					
5/13/2008	<0.005		<0.005				
5/14/2008						<0.005	
12/4/2008		<0.005	<0.005				
12/5/2008	<0.005					<0.005	
4/15/2009	<0.005					<0.005	
4/21/2009		<0.005	<0.005				
10/7/2009	<0.005	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		<0.005			<0.005	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						<0.005	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						<0.005	
3/30/2015	<0.005	<0.005	<0.005				

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				<0.005	
9/9/2019					<0.005		<0.005
9/12/2019	<0.005	<0.005 (D)					
9/13/2019			<0.005			<0.005	
3/9/2020				<0.005	<0.005		<0.005
3/11/2020	<0.005	0.0021 (J)	<0.005			<0.005	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	<0.005				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					<0.005		
3/16/2021	<0.005		0.0021 (J)	<0.005			
3/17/2021		0.0045 (J)					
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	<0.005			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	<0.005				
2/2/2022				<0.005		<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							<0.005
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							<0.005
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	0.00236 (J)	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
5/23/2016							<0.005
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		<0.005					
7/22/2016			<0.005				
8/1/2016							<0.005
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
9/26/2016							<0.005
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
11/10/2016							<0.005
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
1/30/2017							<0.005
2/22/2017						<0.005	
3/24/2017	<0.005						
3/27/2017		<0.005	<0.005				
3/28/2017				<0.005	<0.005		
4/7/2017						<0.005	<0.005
6/6/2017	<0.005	<0.005		<0.005	<0.005		
6/7/2017			<0.005				
6/12/2017							<0.005
6/14/2017						<0.005 (D)	
7/12/2017						<0.005 (D)	
7/20/2017						<0.005 (D)	
7/28/2017						<0.005	
8/9/2017						<0.005	
8/24/2017						<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.005	<0.005		
9/25/2017	<0.005	<0.005					
9/26/2017			<0.005				
10/2/2017							<0.005
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						<0.005	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		
3/14/2019	<0.005	<0.005	<0.005				
3/19/2019							<0.005
3/21/2019						<0.005 (D)	
9/10/2019	<0.005 (D)	<0.005	<0.005				
9/11/2019				<0.005	<0.005		
9/12/2019						<0.005 (D)	
9/13/2019							<0.005
3/6/2020	<0.005		<0.005				
3/9/2020		<0.005		<0.005	<0.005		
3/11/2020							<0.005
3/12/2020						<0.005	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					<0.005		
9/16/2020							<0.005
9/17/2020						<0.005	
3/10/2021		<0.005					
3/11/2021	<0.005		<0.005	<0.005	<0.005		
3/16/2021						<0.005	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							<0.005
8/10/2021						<0.005	
1/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005		
2/1/2022							<0.005
2/3/2022						<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/18/2007				<0.005	<0.005		
11/19/2007						<0.005	<0.005
11/20/2007		<0.005	<0.005				
1/16/2008						<0.005	
1/30/2008		<0.005	<0.005	<0.005	<0.005		
1/31/2008							<0.005
3/5/2008				<0.005		<0.005	<0.005
3/6/2008		<0.005	<0.005		<0.005		
5/7/2008				<0.005	<0.005		
5/8/2008			<0.005				
5/12/2008		<0.005					<0.005
5/13/2008						<0.005	
12/12/2008	<0.005						
12/13/2008		<0.005				<0.005	<0.005
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						<0.005	
4/23/2009	<0.005						
4/28/2009							<0.005
4/29/2009		<0.005	<0.005	<0.005	<0.005		
10/6/2009	<0.005						
10/20/2009		<0.005					
10/21/2009			<0.005			<0.005	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						<0.005	
4/28/2010							<0.005
5/3/2010	<0.005						
9/28/2010			<0.005	<0.005			
9/29/2010		<0.005			<0.005		
10/5/2010						<0.005	<0.005
10/11/2010	<0.005						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						<0.005	<0.005
4/27/2011	<0.005						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							<0.005
10/19/2011	<0.005						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.005	
4/25/2012							<0.005
5/1/2012	<0.005						
10/2/2012	<0.005					<0.005	<0.005
10/3/2012		<0.005		<0.005	<0.005		
10/8/2012			<0.005				
4/2/2013						<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.005	<0.005	<0.005	<0.005		
4/10/2013	<0.005						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	<0.005	
10/15/2013		<0.005	<0.005				
10/16/2013	<0.005						
4/1/2014						<0.005	<0.005
4/2/2014				<0.005	<0.005		
4/9/2014		<0.005	<0.005				
4/22/2014	<0.005						
10/1/2014	<0.005						<0.005
10/2/2014		<0.005	<0.005	<0.005	<0.005	<0.005	
3/30/2015	<0.005						
4/1/2015				<0.005	<0.005	<0.005	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	<0.005			<0.005	<0.005		
10/12/2015			<0.005				
10/14/2015						<0.005	
10/15/2015							0.0055
3/28/2016	<0.005						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	<0.005	0.00286 (J)
5/25/2016	<0.005						
5/26/2016		<0.005	<0.005	<0.005	<0.005		
5/27/2016						<0.005	
5/31/2016							0.00303 (J)
8/1/2016	<0.005						
8/3/2016			<0.005	<0.005		<0.005	
8/4/2016					<0.005		0.005 (J)
8/5/2016		<0.005					
9/26/2016	<0.005						
9/28/2016		<0.005	<0.005	<0.005	<0.005		
9/29/2016							0.0074 (J)
9/30/2016						<0.005	
11/11/2016	<0.005						
11/22/2016		<0.005	<0.005	<0.005	<0.005	<0.005	
11/28/2016							0.0073 (J)
1/30/2017	<0.005						
2/7/2017		<0.005	<0.005				
2/8/2017				<0.005	<0.005		
2/9/2017							0.0067 (J)
2/13/2017						<0.005	
4/3/2017	<0.005						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						<0.005	
4/12/2017							0.0048 (J)
6/12/2017	<0.005						
6/14/2017		<0.005	<0.005			<0.005	
6/15/2017				<0.005	<0.005		
6/16/2017							0.007 (J)
10/2/2017	<0.005						

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		<0.005		<0.005			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	<0.005			
11/17/2007		<0.005	<0.005				
11/18/2007				<0.005			
11/19/2007	<0.005						
1/15/2008		<0.005	<0.005	<0.005			
1/31/2008	<0.005						
3/5/2008	<0.005	<0.005					
3/6/2008			<0.005				
3/10/2008				<0.005			
5/7/2008	<0.005	<0.005	<0.005				
5/13/2008				<0.005			
12/2/2008		<0.005	<0.005	<0.005			
12/12/2008	<0.005						
4/16/2009		<0.005					
4/28/2009			<0.005	<0.005			
4/29/2009	<0.005						
10/19/2009			<0.005				
10/20/2009		<0.005		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	<0.005						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	<0.005			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					0.002 (J)	<0.005 (D)	<0.005 (D)
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					0.0021 (J)	<0.005 (D)	<0.005 (D)
5/31/2016			<0.005	<0.005			
6/1/2016	<0.005	<0.005					
7/25/2016					<0.005	<0.005 (D)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		<0.005					
9/19/2016					<0.005	<0.005 (D)	<0.005 (D)
9/29/2016			<0.005				
11/3/2016					<0.005		<0.005 (D)
11/4/2016						<0.005 (D)	
11/23/2016			0.0016 (J)	<0.005			
11/28/2016		<0.005					
1/19/2017					<0.005		
1/20/2017							<0.005 (D)
1/23/2017						<0.005 (D)	
2/9/2017		<0.005					
2/10/2017			<0.005	<0.005			
2/22/2017	0.0014 (J)						
3/28/2017					0.0033 (J)		
3/29/2017						<0.005 (D)	<0.005 (D)
4/11/2017	0.0024 (J)	<0.005		<0.005			
4/12/2017			<0.005				
6/5/2017					0.0068 (J)		
6/7/2017						<0.005	<0.005
6/14/2017		<0.005					
6/15/2017			<0.005	<0.005			
6/16/2017	<0.005						
7/12/2017	0.0019 (J)	<0.005		<0.005			
7/26/2017				<0.005			
7/28/2017	<0.005						
8/10/2017	0.0019 (J)						
9/26/2017					0.0037 (J)		
10/5/2017		<0.005					
10/6/2017	<0.005		<0.005	<0.005			
3/15/2018					0.0031 (J)	<0.005	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					0.0042 (J)	<0.005 (D)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					0.0021 (J)	<0.005 (D)	<0.005 (D)
9/17/2019		<0.005	<0.005	<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/18/2019	<0.005						
3/10/2020					0.0063 (J)	<0.005	<0.005
3/13/2020		0.0016 (J)	<0.005	<0.005			
3/17/2020	<0.005						
9/11/2020						<0.005	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	<0.005						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		0.0016 (J)	<0.005	<0.005			
3/19/2021	<0.005						
8/4/2021					0.0036 (J)		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					0.0018 (J)		
2/1/2022						<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005				
2/7/2022				<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.005
10/25/2007							<0.005
11/19/2007							<0.005
1/23/2008							<0.005
3/11/2008							<0.005
5/12/2008							<0.005
12/11/2008							<0.005
4/15/2009							<0.005
10/9/2009							0.015 (O)
5/4/2010							<0.005
10/12/2010							<0.005
4/28/2011							<0.005
10/19/2011							<0.005
5/2/2012							<0.005
10/9/2012							0.0054
4/11/2013							0.0072
10/16/2013							<0.005
4/23/2014							0.0067
10/3/2014							<0.005
3/31/2015							<0.005
10/12/2015							<0.005
3/10/2016	<0.005	<0.005	<0.005	<0.005			
3/17/2016					<0.005	<0.005	
3/28/2016							<0.005
5/17/2016	<0.005			<0.005			
5/18/2016		<0.005	<0.005		<0.005	<0.005	
5/25/2016							<0.005
7/26/2016	0.0009 (J)						
7/27/2016		<0.005	<0.005	0.0009 (J)	<0.005		
7/28/2016						<0.005	
8/1/2016							<0.005
9/20/2016	<0.005	<0.005	<0.005	<0.005			
9/21/2016					<0.005	<0.005	
9/27/2016							<0.005
11/4/2016	<0.005		<0.005	<0.005	<0.005		
11/7/2016		<0.005				<0.005	
11/11/2016							<0.005
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.005			
1/24/2017					<0.005	<0.005	
1/31/2017							<0.005
3/28/2017	<0.005			<0.005			
3/29/2017		<0.005	<0.005		<0.005		
3/30/2017						<0.005	
4/3/2017							<0.005
6/7/2017	<0.005						
6/8/2017		<0.005	<0.005	<0.005	<0.005		
6/9/2017						<0.005	
6/12/2017							<0.005
9/29/2017	<0.005			<0.005	<0.005	<0.005	
10/3/2017							<0.005
3/15/2018	<0.005	<0.005		<0.005	<0.005	<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	<0.005					
11/1/2007						<0.005
11/19/2007						<0.005
11/20/2007	<0.005					
1/15/2008						<0.005
1/23/2008	<0.005					
3/6/2008						<0.005
3/11/2008	<0.005					
5/13/2008						<0.005
5/14/2008	<0.005					
12/11/2008	<0.005					
12/12/2008						<0.005
4/16/2009						<0.005
4/23/2009	<0.005					
10/9/2009	<0.005					
10/13/2009						<0.005
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	<0.005					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		<0.005
4/9/2014						<0.005
4/10/2014				<0.005		
4/14/2014	<0.005					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	<0.005					
4/1/2015	<0.005					
4/2/2015						<0.005
4/3/2015				<0.005		
5/26/2015		<0.005			<0.005	
6/18/2015		<0.005 (D)			<0.005 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				<0.005	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						<0.005 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			<0.005	
10/23/2007	<0.005						
10/24/2007		<0.005	<0.005				
11/2/2007						<0.005	
11/18/2007	<0.005	<0.005	<0.005			<0.005	
1/30/2008	<0.005						
1/31/2008		<0.005	<0.005			<0.005	
3/10/2008	<0.005		<0.005				
3/11/2008		<0.005				<0.005	
5/6/2008		<0.005					
5/13/2008	<0.005		<0.005				
5/14/2008						<0.005	
12/4/2008		<0.005	<0.005				
12/5/2008	<0.005					<0.005	
4/15/2009	<0.005					<0.005	
4/21/2009		<0.005	<0.005				
10/7/2009	<0.005	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		<0.005			<0.005	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						<0.005	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						<0.005	
3/30/2015	<0.005	<0.005	<0.005				

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						<0.005	
10/12/2015						<0.005	
10/13/2015	<0.005	<0.005	<0.005				
3/14/2016					<0.005		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			<0.005	
5/11/2016					<0.005		<0.005
5/16/2016				<0.005 (D)			
7/19/2016					<0.005		
7/21/2016							<0.005
7/27/2016				0.0012 (JD)			
7/29/2016	<0.005	<0.005	<0.005			<0.005	
9/15/2016					<0.005		<0.005
11/2/2016					<0.005		
11/3/2016							<0.005
1/17/2017							<0.005
1/18/2017					<0.005		
2/21/2017				<0.005			
3/24/2017							<0.005
3/27/2017				<0.005 (D)			
3/28/2017					<0.005		
3/30/2017	<0.005	<0.005				<0.005	
4/3/2017			<0.005				
9/26/2017					<0.005		<0.005
9/29/2017				<0.005 (D)			
10/2/2017	<0.005	<0.005	<0.005				
10/4/2017						<0.005	
3/14/2018					<0.005		<0.005
3/16/2018	<0.005		<0.005	<0.005			
3/19/2018		<0.005				<0.005	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	<0.005			
9/17/2018	<0.005 (D)					<0.005	
3/13/2019							<0.005
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				<0.005	
9/9/2019					<0.005		<0.005
9/12/2019	<0.005	<0.005 (D)					
9/13/2019			<0.005			<0.005	
3/9/2020				<0.005	<0.005		<0.005
3/11/2020	<0.005	<0.005	<0.005			<0.005	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	<0.005				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					<0.005		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	<0.005			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	<0.005				
2/2/2022				<0.005		<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							<0.005
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							0.0025 (J)
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	<0.005	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		<0.005					
7/22/2016			<0.005				
8/1/2016							0.0004 (J)
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
3/24/2017	<0.005						
3/27/2017		<0.005	<0.005				
3/28/2017				<0.005	<0.005		
4/7/2017						<0.005	0.0005 (J)
9/22/2017				<0.005	<0.005		
9/25/2017	<0.005	<0.005					
9/26/2017			<0.005				
10/2/2017							0.0006 (J)
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						<0.005	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/18/2007				<0.005	<0.005		
11/19/2007						<0.005	<0.005
11/20/2007		<0.005	<0.005				
1/16/2008						<0.005	
1/30/2008		<0.005	<0.005	<0.005	<0.005		
1/31/2008							<0.005
3/5/2008				<0.005		0.0046	<0.005
3/6/2008		<0.005	<0.005		<0.005		
5/7/2008				<0.005	<0.005		
5/8/2008			<0.005				
5/12/2008		<0.005					<0.005
5/13/2008						<0.005	
12/12/2008	<0.005						
12/13/2008		<0.005				<0.005	<0.005
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						<0.005	
4/23/2009	<0.005						
4/28/2009							<0.005
4/29/2009		<0.005	<0.005	<0.005	<0.005		
10/6/2009	0.0048						
10/20/2009		<0.005					
10/21/2009			<0.005			<0.005	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						<0.005	
4/28/2010							<0.005
5/3/2010	<0.005						
9/28/2010			<0.005	<0.005			
9/29/2010		<0.005			<0.005		
10/5/2010						<0.005	<0.005
10/11/2010	<0.005						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						<0.005	<0.005
4/27/2011	0.004						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							<0.005
10/19/2011	<0.005						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.005	
4/25/2012							<0.005
5/1/2012	<0.005						
10/2/2012	<0.005					<0.005	<0.005
10/3/2012		<0.005		<0.005	<0.005		
10/8/2012			<0.005				
4/2/2013						<0.005	<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.005	<0.005	<0.005	<0.005		
4/10/2013	<0.005						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	<0.005	
10/15/2013		<0.005	<0.005				
10/16/2013	0.0034						
4/1/2014						<0.005	<0.005
4/2/2014				<0.005	<0.005		
4/9/2014		<0.005	<0.005				
4/22/2014	0.0034						
10/1/2014	0.0012 (J)						<0.005
10/2/2014		<0.005	<0.005	<0.005	<0.005	<0.005	
3/30/2015	0.003						
4/1/2015				<0.005	<0.005	<0.005	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	0.0018 (J)			<0.005	<0.005		
10/12/2015			<0.005				
10/14/2015						<0.005	
10/15/2015							<0.005
3/28/2016	0.0022 (J)						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	<0.005	<0.005
8/1/2016	0.0016 (J)						
8/3/2016			<0.005	<0.005		<0.005	
8/4/2016					<0.005		<0.005
8/5/2016		<0.005					
4/3/2017	0.0022 (J)						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						<0.005	
4/12/2017							<0.005
10/2/2017	0.0021 (J)						
10/4/2017		<0.005	<0.005	<0.005	<0.005	<0.005	
10/9/2017							<0.005
3/16/2018	0.0023 (J)						
3/20/2018		<0.005					
3/21/2018			<0.005	<0.005			<0.005
3/22/2018					<0.005	<0.005	
9/18/2018	0.0017 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	
9/19/2018							<0.005
3/19/2019	0.0017 (J)						
3/22/2019		<0.005	<0.005				
3/23/2019				<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0028 (J)						
9/17/2019		<0.005	<0.005	<0.005	<0.005	<0.005 (D)	
9/18/2019							<0.005
3/11/2020	0.0013 (J)						
3/12/2020		<0.005	<0.005	<0.005	<0.005	<0.005	
3/13/2020							<0.005
9/15/2020	0.0012 (J)						
9/17/2020		<0.005	<0.005				
9/21/2020				<0.005	<0.005	<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		<0.005		<0.005			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	<0.005			
11/17/2007		<0.005	<0.005				
11/18/2007				<0.005			
11/19/2007	<0.005						
1/15/2008		<0.005	<0.005	<0.005			
1/31/2008	<0.005						
3/5/2008	<0.005	<0.005					
3/6/2008			<0.005				
3/10/2008				<0.005			
5/7/2008	<0.005	<0.005	<0.005				
5/13/2008				<0.005			
12/2/2008		<0.005	<0.005	<0.005			
12/12/2008	<0.005						
4/16/2009		<0.005					
4/28/2009			<0.005	<0.005			
4/29/2009	0.0026						
10/19/2009			<0.005				
10/20/2009		<0.005		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	<0.005						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	<0.005			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					<0.005	<0.005 (D)	<0.005 (D)
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					<0.005	<0.005 (D)	<0.005 (D)
7/25/2016					<0.005	<0.005 (D)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		<0.005					
9/19/2016					<0.005	<0.005 (D)	<0.005 (D)
11/3/2016					<0.005		<0.005 (D)
11/4/2016						<0.005 (D)	
1/19/2017					<0.005		
1/20/2017							<0.005 (D)
1/23/2017						<0.005 (D)	
3/28/2017					<0.005		
3/29/2017						<0.005 (D)	<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005			
4/12/2017			<0.005				
9/26/2017					<0.005		
9/27/2017						<0.005	<0.005
10/5/2017		<0.005					
10/6/2017	<0.005		<0.005	<0.005			
3/15/2018					<0.005	<0.005	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	<0.005 (D)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					<0.005	<0.005 (D)	<0.005 (D)
9/17/2019		<0.005	<0.005	<0.005			
9/18/2019	<0.005						
3/10/2020					<0.005	<0.005	<0.005
3/13/2020		<0.005	<0.005	<0.005			
3/17/2020	<0.005						
9/11/2020						<0.005	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	<0.005						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		<0.005	<0.005	<0.005			
3/19/2021	<0.005						
8/4/2021					<0.005		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					<0.005		

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022							
2/4/2022	<0.005	<0.005	<0.005			<0.005	<0.005
2/7/2022				<0.005			

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.005
10/25/2007							<0.005
11/19/2007							<0.005
1/23/2008							<0.005
3/11/2008							<0.005
5/12/2008							<0.005
12/11/2008							<0.005
4/15/2009							<0.005
10/9/2009							<0.005
5/4/2010							<0.005
10/12/2010							<0.005
4/28/2011							<0.005
10/19/2011							<0.005
5/2/2012							<0.005
10/9/2012							<0.005
4/11/2013							<0.005
10/16/2013							<0.005
4/23/2014							<0.005
10/3/2014							<0.005
3/31/2015							<0.005
10/12/2015							<0.005
3/10/2016	<0.005	<0.005	<0.005	<0.005			
3/17/2016					<0.005	<0.005	
3/28/2016							<0.005
5/17/2016	<0.005			<0.005			
5/18/2016		<0.005	<0.005		<0.005	<0.005	
7/26/2016	<0.005						
7/27/2016		<0.005	<0.005	<0.005	<0.005		
7/28/2016						<0.005	
8/1/2016							<0.005
9/20/2016	<0.005	<0.005	<0.005	<0.005			
9/21/2016					<0.005	<0.005	
11/4/2016	<0.005		<0.005	<0.005	<0.005		
11/7/2016		<0.005				<0.005	
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.005			
1/24/2017					<0.005	<0.005	
3/28/2017	<0.005			<0.005			
3/29/2017		<0.005	<0.005		<0.005		
3/30/2017						<0.005	
4/3/2017							<0.005
9/27/2017		<0.005	<0.005				
9/29/2017	<0.005			<0.005	<0.005	<0.005	
10/3/2017							<0.005
3/15/2018	<0.005	<0.005		<0.005	<0.005	<0.005	
3/16/2018			<0.005				
3/19/2018							<0.005
9/13/2018	<0.005	<0.005	<0.005	<0.005	<0.005		
9/14/2018						<0.005	
9/17/2018							<0.005
3/15/2019		<0.005		<0.005			
3/18/2019	<0.005				<0.005		

Time Series

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	<0.005					
11/1/2007						<0.005
11/19/2007						<0.005
11/20/2007	<0.005					
1/15/2008						<0.005
1/23/2008	<0.005					
3/6/2008						<0.005
3/11/2008	<0.005					
5/13/2008						<0.005
5/14/2008	<0.005					
12/11/2008	<0.005					
12/12/2008						<0.005
4/16/2009						<0.005
4/23/2009	<0.005					
10/9/2009	<0.005					
10/13/2009						<0.005
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	<0.005					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		<0.005
4/9/2014						<0.005
4/10/2014				<0.005		
4/14/2014	<0.005					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	<0.005					
4/1/2015	<0.005					
4/2/2015						<0.005
4/3/2015				<0.005		
5/26/2015		<0.005			<0.005	
6/18/2015		<0.005 (D)			<0.005 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				<0.005	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						<0.005 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					4.2598		
3/15/2016							1.2104
3/22/2016	2.3685						
3/23/2016		105.552	26.8249			0.8724 (J)	
5/11/2016					6.05		1.28
5/16/2016				2.4 (D)			
5/19/2016	2.14		3.81				
5/20/2016		44.3					
5/23/2016						0.805 (J)	
7/19/2016					9.5		
7/21/2016							0.91 (J)
7/27/2016				3.6 (D)			
7/29/2016	1.9	48	1.1			0.84 (J)	
9/15/2016					6.7		
9/19/2016							1.3
9/22/2016			0.96 (J)			0.94 (J)	
9/23/2016	2	43					
11/2/2016					5.4		
11/3/2016							1.5
11/9/2016	1.6	31					
11/10/2016			0.72 (J)			1.1	
1/17/2017							<1 (*)
1/18/2017					5.5		
1/30/2017	1.8						
1/31/2017		4.2	1.5			0.92 (J)	
2/21/2017				26 (D)			
3/24/2017							0.86 (J)
3/27/2017				10 (D)			
3/28/2017					2.9		
3/30/2017	1.6	53				0.77 (J)	
4/3/2017			1.3				
5/24/2017							1.2
6/7/2017					2.3		
6/8/2017				6.7 (D)			
6/9/2017	1.7		1.2				
6/12/2017		95				0.68 (J)	
7/17/2017				6.4 (D)			
7/27/2017				18 (D)			
8/9/2017				18 (D)			
9/26/2017					3.2		4.2
9/29/2017				21 (D)			
10/2/2017	1.8	3.5	1.7				
10/4/2017						0.5 (J)	
12/28/2017							7.4 (Y)
3/14/2018					3.8		3.8
3/16/2018	1.5		14.8 (J)	15.5			
3/19/2018		147				0.49 (J)	
9/12/2018					3.7		1.7
9/14/2018		7.7	2.1	11.6			
9/17/2018	1.3 (D)					0.36 (J)	
3/13/2019							2.1
3/14/2019				9.3			

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/15/2019					3		
3/19/2019			32.5 (J)				
3/20/2019	1.5	3.6				0.38 (J)	
9/9/2019					2.4		1.6
9/10/2019				14			
9/12/2019	0.98 (J)	5.2					
9/13/2019			3.8			<1	
3/9/2020				5.8	0.84 (J)		1.2
3/11/2020	0.94 (J)	131	34.3			<1	
9/10/2020					0.95 (J)		
9/11/2020							1.3
9/15/2020	0.96 (J)	35.3	1				
9/16/2020				8.6			
3/10/2021							1.5
3/12/2021					2		
3/16/2021	0.99 (J)		3.3	3.5			
3/17/2021		90.7					
3/29/2021						5.4	
8/4/2021					1.3		1.4
8/6/2021				4.2			
8/9/2021	1.3	84.7	1.6			5	
1/31/2022					1.2		1.2
2/1/2022	0.93 (J)	86.1	1.5				
2/2/2022				4.5		3.4	

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			1.4538	1.1313	3.8282		
3/15/2016	4.9347	6.4987					
3/28/2016							0.7283 (J)
5/12/2016	2.3						
5/13/2016		3.68		1.96	3.56		
5/16/2016			1.18				
5/23/2016							0.728 (J)
7/19/2016				1.3	5.6		
7/20/2016	2						
7/21/2016		4.5					
7/22/2016			1.8				
8/1/2016							0.78 (J)
9/15/2016	1.1						
9/16/2016				1.1	6.7		
9/19/2016			1.4				
9/21/2016		2.8					
9/26/2016							0.82 (J)
11/2/2016				1.2	8.1		
11/3/2016	1.6	6.7	1.6				
11/10/2016							0.92 (J)
1/17/2017		<1 (*)	<1 (*)				
1/18/2017	1.5			0.84 (J)	8.9		
1/30/2017							<1
2/22/2017						22 (D)	
3/24/2017	1.6						
3/27/2017		0.85 (J)	2				
3/28/2017				0.7 (J)	8.2		
4/7/2017						18 (D)	0.82 (J)
6/6/2017	4.1	6.1		0.47 (J)	7		
6/7/2017			1.9				
6/12/2017							0.78 (J)
6/14/2017						20 (D)	
7/12/2017						18 (D)	
7/20/2017						20 (D)	
7/28/2017						18 (D)	
8/9/2017						19 (D)	
8/24/2017						21 (D)	
9/22/2017				0.59 (J)	8.3		
9/25/2017	1.9	3.5					
9/26/2017			2				
10/2/2017							0.71 (J)
10/3/2017						25 (D)	
12/28/2017						26 (Y)	
3/14/2018	11.5	10.9 (J)	2.1	0.39 (J)			
3/15/2018					5.1		
3/16/2018							0.67 (J)
3/21/2018						25.4	
9/12/2018	1.8	3.7		0.3 (J)	5.6		
9/14/2018			1.6				
9/17/2018							0.47 (J)
9/18/2018						22.8	
3/13/2019				0.43 (X)	4.4		

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	0.9594 (J)						
3/31/2016		1.17	1.5				
4/4/2016				2.57	2.99	0.3574 (J)	24.8
5/25/2016	1.59						
5/26/2016		1.01	1.51	2.5	2.68		
5/27/2016						<1	
5/31/2016							42.5
8/1/2016	1						
8/3/2016			1.4	3		0.35 (J)	
8/4/2016					3.6		91
8/5/2016		1.1					
9/26/2016	1.2						
9/28/2016		1	1.6	2.3	4.4		
9/29/2016							110
9/30/2016						0.47 (J)	
11/11/2016	1.2						
11/22/2016		1.8	1.6	3.8	3.8	0.36 (J)	
11/28/2016							120
1/30/2017	<1						
2/7/2017		1.7	2				
2/8/2017				3.1	2.7		
2/9/2017							150
2/13/2017						0.79 (J)	
4/3/2017	1.3						
4/10/2017		1.9	1.7	2.5	2.2		
4/11/2017						0.42 (J)	
4/12/2017							120
6/12/2017	1.1						
6/14/2017		1.1	1.4			0.3 (J)	
6/15/2017				2.5	2.3		
6/16/2017							120
10/2/2017	1.1						
10/4/2017		1.8	1.4	2.5	2.8	0.36 (J)	
10/9/2017							130
3/16/2018	0.87 (J)						
3/20/2018		1.4					
3/21/2018			1.1	2.4			59.1
3/22/2018					2.2	0.3 (J)	
9/18/2018	0.87 (J)	1.6	1.9	2.8	2.6	<1	
9/19/2018							64.5
3/19/2019	0.97 (J)						
3/22/2019		1.6	1.3				
3/23/2019				2.1	2.1	0.3 (J)	15.5 (J)
9/12/2019	0.8 (J)						
9/17/2019		1.2	1.6	2.6	2	<1 (D)	
9/18/2019							50.7
3/11/2020	0.85 (J)						
3/12/2020		1.3	0.99 (J)	1.8	1.5	<1	
3/13/2020							16.9
9/15/2020	0.54 (J)						
9/17/2020		0.87 (J)	0.95 (J)				
9/21/2020				2	1.8	<1	

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							39.6
3/17/2021	0.86 (J)						
3/18/2021		1.2	0.96 (J)				19.3
3/19/2021				1.9	1.5	<1	
8/9/2021	0.77 (J)						
8/10/2021		1.3					
8/11/2021			1	1.4	1.5	<1	9.7
2/2/2022	0.53 (J)					<1	
2/4/2022		1.2	1.1	1.7	1.5		
2/17/2022							6.9

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					14.7828	0.31682 (JD)	2.8721 (D)
4/4/2016	17.5						
4/5/2016		1.65	7.45	10.1			
5/16/2016					10.2	0.5151 (JD)	2.27 (D)
5/31/2016			7.29	12.1			
6/1/2016	20.9	1.75					
7/25/2016					8.4	0.84 (D)	2.6 (D)
8/4/2016			7.6				
9/19/2016					2.5	0.72 (JD)	2.8 (D)
9/29/2016			6.1				
11/3/2016					3.3		2.6 (D)
11/4/2016						0.75 (JD)	
11/23/2016			10	1.3			
11/28/2016		2.7					
1/19/2017					3.2		
1/20/2017							2.8 (D)
1/23/2017						0.99 (JD)	
2/9/2017		2.7					
2/10/2017			6.7	4.2			
2/22/2017	48						
3/28/2017					16 (J)		
3/29/2017						1.5 (D)	3.1 (D)
4/11/2017	41	4.9		3.2			
4/12/2017			9.2				
6/5/2017					38		
6/7/2017						0.63 (J)	3.2
6/14/2017		2.4					
6/15/2017			9.2	2.5			
6/16/2017	33						
7/12/2017	58	4.1		6.9			
7/20/2017					48		
7/26/2017				2.9			
7/28/2017	55						
8/10/2017	66						
9/26/2017					18		
9/27/2017						1.2	2.5
10/5/2017		1.6					
10/6/2017	77		10	6.6			
3/15/2018					32.4	0.75 (J)	2.9
3/22/2018		2.5					
3/23/2018	75.8		10.6	1.6			
9/12/2018					16		
9/13/2018						1.3	2.3
9/19/2018		1.7	10.4	2.6			
9/20/2018	72.2						
3/14/2019					79.7 (O)	0.72 (D)	4.3 (D)
3/22/2019	57.9	6.2		2.1			
3/25/2019			11.2				
9/11/2019					19.8	<1 (D)	2.6 (D)
9/17/2019		6.1	13.1	1.6			
9/18/2019	68.1						
3/10/2020					48.5	0.61 (J)	5.2

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/13/2020		11.1	8.8	1.1			
3/17/2020	72.1						
9/11/2020						<1	2.8
9/15/2020					23.1		
9/21/2020		5.5	9	0.9 (J)			
9/22/2020	69.8						
3/11/2021					35.5	<1	4.2
3/18/2021		7.8	10.4	0.76 (J)			
3/19/2021	74.2						
8/4/2021					35.1		
8/6/2021						<1	4
8/11/2021		6.9	9.1	0.65 (J)			
8/12/2021	56.7						
1/31/2022					29.7		
2/1/2022						<1	6.1
2/4/2022	63.1	6.4	8.3				
2/7/2022				0.64 (J)			

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	5.7554	3.4409	9.1279	2.6569			
3/17/2016					3.4197	5.3658	
3/28/2016							1.87
5/17/2016	8.67			2.39			
5/18/2016		4.09	10.1		3.06	4.44	
5/25/2016							1.41
7/26/2016	6.6						
7/27/2016		4	7	<1 (*)	2.6		
7/28/2016						9.9	
8/1/2016							1.5
9/20/2016	5.8	4.3	6.7	2.4			
9/21/2016					3.1	2.2	
9/27/2016							1.4
11/4/2016	6.1		7.9	2.1	3.1		
11/7/2016		4.1				2.2	
11/11/2016							1.5
1/20/2017	7		6.6				
1/23/2017		5.1		2.1			
1/24/2017					3	1.5	
1/31/2017							1.8
3/28/2017	7.7			2.1			
3/29/2017		5.2	6.2		2.5		
3/30/2017						1.7	
4/3/2017							1.5
6/7/2017	6.4						
6/8/2017		3.8	7.5	1.3	3.3		
6/9/2017						1.7	
6/12/2017							2.1
9/27/2017		4.3	7.5				
9/29/2017	8.4			3.7	4.2	2.2	
10/3/2017							1.4
12/28/2017				1.7 (Y)	3.8 (Y)		
3/15/2018	6.4	3.7		0.76 (J)	3.1	2.4	
3/16/2018			13.4				
3/19/2018							1.3
9/13/2018	7.2	4.8	11.6	1.6	3.6		
9/14/2018						2.4	
9/17/2018							1.3
3/15/2019		4.2		1.7			
3/18/2019	4.4				5.8		
3/19/2019			14.8			2.2	
3/20/2019							1.3
9/11/2019	7		10.7	0.86 (X)	5.7	1.5	
9/12/2019		4.7					
9/16/2019							1.2
3/9/2020		4.3	10.4	1.6		1.5	
3/10/2020	5.5						
3/11/2020					3.3		
3/16/2020							1.1
9/11/2020					2.1		
9/14/2020	6.9	4.3		5.4		1.2	
9/15/2020			9.6				

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
9/16/2020							1.1
3/11/2021	6.7	4.7	10.4	15.4			
3/15/2021					2.6	1.5	
3/17/2021							1.1
5/26/2021				20.2			
8/4/2021				1.5			
8/5/2021	6	4.3	10.3			1.1	
8/9/2021							1.2
8/11/2021					2.4		
1/31/2022	5.2			1.2			
2/1/2022		4.3	9.4		2.5	0.93 (J)	
2/2/2022							1

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					3.9321	
3/29/2016	3.5801	1.4863				
3/30/2016				1.9542		2
5/24/2016	2.79	1.62		0.989 (J)		
5/25/2016					2.68	
5/26/2016						2.93
5/31/2016			2.03			
8/1/2016	2.2	2.3				
8/2/2016			0.96 (J)	1	2.7	
8/5/2016						3.6
9/26/2016	1.8	2.4			2.9	
9/27/2016			0.87 (J)	0.95 (J)		
9/28/2016						3.2
11/14/2016		2.8				
11/18/2016	1.8					
11/21/2016			0.93 (J)		2.8	3.3
11/22/2016				1.1		
2/1/2017	2.8	2.6	0.76 (J)			
2/3/2017					2.7	
2/6/2017				0.96 (J)		1.3
4/6/2017	<1	<1	<1	<1		<1
4/7/2017					2.3	
6/13/2017	2.8	2.2	0.58 (J)		2	2
6/14/2017				0.97 (J)		
7/14/2017			0.04 (J)			
10/3/2017	2.6	2.6	0.87 (J)		1.9	2.8
10/4/2017				0.84 (J)		
3/19/2018	2.6					
3/20/2018		2.5	0.5 (J)		1.6	1.2
3/21/2018				1.2		
9/17/2018	2.2	2.5				
9/18/2018			0.65 (J)	0.9 (J)	1.6	2.6
3/21/2019	2.7	1.7	1.9			2.3
3/27/2019				1.5		
5/6/2019					2.1	
9/13/2019			0.76 (J)			
9/16/2019	2	1.6		0.69 (JD)	1	3
3/12/2020	2.1	1.4	1.7	1.8		1.1
3/16/2020					0.66 (J)	
9/16/2020	1.8	1.3	1.1			
9/17/2020				0.6 (J)	0.74 (J)	3.5
3/17/2021	2.2	1.8	1.3	0.72 (J)		
3/18/2021					1.1	2.1
8/10/2021	1.7	1.4	1.1	0.64 (J)	0.72 (J)	1.7
2/2/2022	1.7	1.5	1.3	0.72 (J)	0.72 (J)	2.5

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.001			
3/15/2019					<0.001		
3/19/2019			<0.001				
3/20/2019	<0.001	<0.001				<0.001	
9/9/2019					<0.001		<0.001
9/12/2019	<0.001	<0.001 (D)					
9/13/2019			6.2E-05 (J)			<0.001	
3/9/2020				<0.001	<0.001		7.8E-05 (J)
3/11/2020	<0.001	<0.001	<0.001			<0.001	
9/10/2020					<0.001		
9/11/2020							<0.001
9/15/2020	<0.001	<0.001	<0.001				
9/16/2020				<0.001			
3/10/2021							<0.001
3/12/2021					<0.001		
3/16/2021	<0.001		<0.001	<0.001			
3/17/2021		<0.001					
3/29/2021						<0.001	
8/4/2021					<0.001		<0.001
8/6/2021				<0.001			
8/9/2021	<0.001	<0.001	<0.001			<0.001	
1/31/2022					<0.001		<0.001
2/1/2022	<0.001	<0.001	<0.001				
2/2/2022				<0.001		<0.001	

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
10/11/2015							<0.001
3/11/2016			<0.001	<0.001	<0.001		
3/15/2016	<0.001	<0.001					
3/28/2016							<0.001
5/12/2016	<0.001						
5/13/2016		<0.001		<0.001	<0.001		
5/16/2016			<0.001				
5/23/2016							<0.001
7/19/2016				<0.001 (*)	<0.001		
7/20/2016	<0.001						
7/21/2016		<0.001					
7/22/2016			0.0002 (J)				
8/1/2016							<0.001
9/15/2016	<0.001						
9/16/2016				<0.001	<0.001		
9/19/2016			<0.001				
9/21/2016		<0.001					
9/26/2016							<0.001
11/2/2016				<0.001	<0.001		
11/3/2016	<0.001	<0.001	<0.001				
11/10/2016							<0.001
1/17/2017		<0.001	<0.001				
1/18/2017	<0.001			<0.001	<0.001		
1/30/2017							<0.001
2/22/2017						<0.001	
3/24/2017	<0.001						
3/27/2017		<0.001	<0.001				
3/28/2017				5E-05 (J)	<0.001		
4/7/2017						<0.001	<0.001
6/6/2017	<0.001	0.0002 (J)		<0.001	<0.001		
6/7/2017			<0.001				
6/12/2017							<0.001
6/14/2017						<0.001 (D)	
7/12/2017						<0.001 (D)	
7/20/2017						<0.001 (D)	
7/28/2017						<0.001	
8/9/2017						<0.001	
8/24/2017						<0.001	
9/22/2017				<0.001	<0.001		
9/25/2017	<0.001	<0.001					
9/26/2017			<0.001				
10/2/2017							<0.001
10/3/2017						<0.001 (D)	
3/14/2018	<0.001	<0.001	<0.001	<0.001			
3/15/2018					<0.001		
3/16/2018							<0.001
3/21/2018						<0.001	
9/12/2018	<0.001	<0.001		<0.001	<0.001		
9/14/2018			<0.001				
9/17/2018							<0.001
9/18/2018						<0.001	
3/13/2019				<0.001	<0.001		

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/10/2015		<0.001					
10/11/2015	<0.001			<0.001	0.0002		
10/12/2015			<0.001				
10/14/2015						<0.001	
10/15/2015							<0.001
3/28/2016	<0.001						
3/31/2016		<0.001	<0.001				
4/4/2016				<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001						
5/26/2016		<0.001	<0.001	<0.001	<0.001		
5/27/2016						<0.001	
5/31/2016							<0.001
8/1/2016	<0.001						
8/3/2016			0.0001 (J)	<0.001		<0.001	
8/4/2016					<0.001		<0.001
8/5/2016		<0.001					
9/26/2016	<0.001						
9/28/2016		<0.001	<0.001	<0.001	<0.001		
9/29/2016							<0.001
9/30/2016						<0.001	
11/11/2016	<0.001						
11/22/2016		<0.001	<0.001	<0.001	<0.001	<0.001	
11/28/2016							<0.001
1/30/2017	<0.001						
2/7/2017		<0.001	<0.001				
2/8/2017				<0.001	<0.001		
2/9/2017							<0.001
2/13/2017						<0.001	
4/3/2017	<0.001						
4/10/2017		<0.001	<0.001	<0.001	<0.001		
4/11/2017						<0.001	
4/12/2017							<0.001
6/12/2017	<0.001						
6/14/2017		<0.001	<0.001			<0.001	
6/15/2017				<0.001	<0.001		
6/16/2017							<0.001
10/2/2017	<0.001						
10/4/2017		<0.001	<0.001	<0.001	<0.001	<0.001	
10/9/2017							<0.001
3/16/2018	<0.001						
3/20/2018		<0.001					
3/21/2018			<0.001	<0.001			<0.001
3/22/2018					<0.001	<0.001	
9/18/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
9/19/2018							<0.001
3/19/2019	<0.001						
3/22/2019		<0.001	<0.001				
3/23/2019				<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001						
9/17/2019		<0.001	<0.001	<0.001	<0.001	<0.001 (D)	
9/18/2019							<0.001
3/11/2020	5.9E-05 (J)						

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				0.0005 (D)			
10/7/2015		<0.001 (D)	<0.001 (D)				
10/14/2015	<0.001						
3/16/2016					<0.001	<0.001 (D)	<0.001 (D)
4/4/2016	<0.001						
4/5/2016		<0.001	<0.001	0.00971 (O)			
5/16/2016					<0.001	<0.001 (D)	<0.001 (D)
5/31/2016			<0.001	0.000373 (J)			
6/1/2016	<0.001	<0.001					
7/25/2016					<0.001	<0.001 (D)	<0.001 (D)
8/4/2016			<0.001				
8/9/2016		<0.001					
9/19/2016					<0.001	<0.001 (D)	<0.001 (D)
9/29/2016			<0.001				
11/3/2016					<0.001		<0.001 (D)
11/4/2016						<0.001 (D)	
11/23/2016			<0.001	<0.001			
11/28/2016		<0.001					
1/19/2017					<0.001		
1/20/2017							<0.001 (D)
1/23/2017						<0.001 (D)	
2/9/2017		<0.001					
2/10/2017			<0.001	<0.001			
2/22/2017	<0.001						
3/28/2017					5E-05 (J)		
3/29/2017						<0.001 (D)	<0.001 (D)
4/11/2017	<0.001	<0.001		<0.001			
4/12/2017			<0.001				
6/5/2017					5E-05 (J)		
6/7/2017						<0.001	<0.001
6/14/2017		<0.001					
6/15/2017			<0.001	<0.001			
6/16/2017	<0.001						
7/12/2017	6E-05 (J)	<0.001		<0.001			
7/26/2017				<0.001			
7/28/2017	<0.001						
8/10/2017	<0.001						
9/26/2017					<0.001		
9/27/2017						<0.001	<0.001
10/5/2017		<0.001					
10/6/2017	<0.001		<0.001	<0.001			
3/15/2018					<0.001	<0.001	<0.001
3/22/2018		<0.001					
3/23/2018	<0.001		<0.001	<0.001			
9/12/2018					<0.001		
9/13/2018						<0.001	<0.001
9/19/2018		<0.001	<0.001	<0.001			
9/20/2018	<0.001						
3/14/2019					<0.001	<0.001 (D)	<0.001 (D)
3/22/2019	<0.001	<0.001		<0.001			
3/25/2019			<0.001				
9/11/2019					<0.001	<0.001 (D)	<0.001 (D)

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.001	<0.001	<0.001			
9/18/2019	<0.001						
3/10/2020					<0.001	<0.001	<0.001
3/13/2020		<0.001	<0.001	<0.001			
3/17/2020	<0.001						
9/11/2020						<0.001	<0.001
9/15/2020					<0.001		
9/21/2020		<0.001	<0.001	<0.001			
9/22/2020	<0.001						
3/11/2021					<0.001	<0.001	<0.001
3/18/2021		<0.001	<0.001	<0.001			
3/19/2021	<0.001						
8/4/2021					<0.001		
8/6/2021						<0.001	<0.001
8/11/2021		<0.001	<0.001	<0.001			
8/12/2021	<0.001						
1/31/2022					<0.001		
2/1/2022						<0.001	<0.001
2/4/2022	<0.001	<0.001	<0.001				
2/7/2022				<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
10/12/2015							<0.001
3/10/2016	<0.001	<0.001	0.00116	<0.001			
3/17/2016					<0.001	<0.001	
3/28/2016							<0.001
5/17/2016	<0.001			<0.001			
5/18/2016		<0.001	0.000768 (J)		<0.001	<0.001	
5/25/2016							<0.001
7/26/2016	7E-05 (J)						
7/27/2016		9E-05 (J)	0.0004 (J)	9E-05 (J)	0.0001 (J)		
7/28/2016						<0.001	
8/1/2016							<0.001
9/20/2016	<0.001	<0.001	0.0004 (J)	<0.001			
9/21/2016					<0.001	<0.001	
9/27/2016							<0.001
11/4/2016	<0.001		0.0003 (J)	<0.001	<0.001		
11/7/2016		<0.001				<0.001	
11/11/2016							<0.001
1/20/2017	<0.001		0.0003 (J)				
1/23/2017		<0.001		<0.001			
1/24/2017					<0.001	<0.001	
1/31/2017							<0.001
3/28/2017	7E-05 (J)			6E-05 (J)			
3/29/2017		7E-05 (J)	0.0003 (J)		<0.001		
3/30/2017						5E-05 (J)	
4/3/2017							<0.001
6/7/2017	6E-05 (J)						
6/8/2017		<0.001	0.0003 (J)	8E-05 (J)	<0.001		
6/9/2017						<0.001	
6/12/2017							<0.001
9/27/2017		6E-05 (J)	0.0003 (J)				
9/29/2017	6E-05 (J)			9E-05 (J)	<0.001	<0.001	
10/3/2017							<0.001
3/15/2018	<0.001	<0.001		<0.001	<0.001	<0.001	
3/16/2018			0.00036 (J)				
3/19/2018							<0.001
9/13/2018	<0.001	<0.001	0.00021 (J)	<0.001	<0.001		
9/14/2018						<0.001	
9/17/2018							<0.001
3/15/2019		<0.001		<0.001			
3/18/2019	<0.001				<0.001		
3/19/2019			0.00027 (J)			<0.001	
3/20/2019							<0.001
9/11/2019	<0.001		0.00023 (J)	0.000115 (JD)	<0.001	<0.001	
9/12/2019		<0.001					
9/16/2019							8.4E-05 (J)
3/9/2020		<0.001	0.00021 (J)	9E-05 (J)		<0.001	
3/10/2020	<0.001						
3/11/2020					<0.001		
3/16/2020							<0.001
9/11/2020					<0.001		
9/14/2020	<0.001	<0.001		<0.001		<0.001	
9/15/2020			0.00016 (J)				

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					106		
3/15/2016							107
3/22/2016	150						
3/23/2016		259	174			<10	
5/11/2016					58		80
5/16/2016				114 (D)			
5/19/2016	150		93				
5/20/2016		122					
5/23/2016						<10	
7/19/2016					46		
7/21/2016							76
7/27/2016				107 (D)			
7/29/2016	146	156	68			17 (J)	
9/15/2016					41		
9/19/2016							108
9/22/2016			91			33	
9/23/2016	163	150					
11/2/2016					37		
11/3/2016							90
11/9/2016	147	87					
11/10/2016			96			41	
1/17/2017							128
1/18/2017					29		
1/30/2017	127						
1/31/2017		63	206			58	
2/21/2017				229 (D)			
3/24/2017							91
3/27/2017				239 (D)			
3/28/2017					40		
3/30/2017	137	112				<10	
4/3/2017			118				
5/24/2017							152
6/8/2017				179 (D)			
6/9/2017	164		87				
6/12/2017		216				20 (J)	
7/17/2017				180 (D)			
7/27/2017				190 (D)			
8/9/2017				153 (D)			
9/26/2017					107		103
9/29/2017				173 (D)			
10/2/2017	137	<10	73				
10/4/2017						<10	
3/14/2018					126		123
3/16/2018	140		130	150			
3/19/2018		295				<10	
9/12/2018					134		105
9/14/2018		30	103	165			
9/17/2018	162					32	
3/13/2019							130
3/14/2019				154			
3/15/2019					107		
3/19/2019			208				

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/20/2019	175	49				30	
9/9/2019					93		108
9/10/2019				181			
9/12/2019	174	44					
9/13/2019			113			19	
3/9/2020				173	58		131
3/11/2020	172	309	170			24	
9/10/2020					16		
9/11/2020							102
9/15/2020	156	28	89				
9/16/2020				156			
3/10/2021							60
3/12/2021					55		
3/16/2021	155		102	142			
3/17/2021		211					
3/29/2021						76	
8/4/2021					60		66
8/6/2021				133			
8/9/2021	150	207	127			95	
1/31/2022					61		81
2/1/2022	143	202	114				
2/2/2022				143		104	

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			139	69	144		
3/15/2016	110	78					
3/28/2016							<10
5/12/2016	49						
5/13/2016		178		88	142		
5/16/2016			112				
5/23/2016							32
7/19/2016				56	135		
7/20/2016	72						
7/21/2016		168					
7/22/2016			136				
8/1/2016							<10
9/15/2016	18 (J)						
9/16/2016				31	144		
9/19/2016			121				
9/21/2016		123					
9/26/2016							45
11/2/2016				48	152		
11/3/2016	70	157	132				
11/10/2016							38
1/17/2017		170	150				
1/18/2017	63			44	125		
1/30/2017							<10
2/22/2017						329 (D)	
3/24/2017	63						
3/27/2017		158	148				
3/28/2017				<10	109		
4/7/2017						295 (D)	18 (J)
6/6/2017	128	212		36	154		
6/7/2017			181				
6/12/2017							15 (J)
6/14/2017						237 (D)	
7/12/2017						400 (D)	
7/20/2017						203 (D)	
7/28/2017						262 (D)	
8/9/2017						195 (D)	
8/24/2017						236 (D)	
9/22/2017				41	157		
9/25/2017	109	145					
9/26/2017			113				
10/2/2017							17 (J)
10/3/2017						224 (D)	
3/14/2018	192	210	134	<10			
3/15/2018					117		
3/16/2018							<10
3/21/2018						237	
9/12/2018	82	159		<10	151		
9/14/2018			139				
9/17/2018							38
9/18/2018						227	
3/13/2019				31	152		
3/14/2019	119	157	157				

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/19/2019							34
3/21/2019						367 (D)	
9/10/2019	36	113	105				
9/11/2019				21	151		
9/12/2019						200 (D)	
9/13/2019							19
3/6/2020	137		143				
3/9/2020		249		51	174		
3/11/2020							17
3/12/2020						247	
9/10/2020	35	111	120				
9/11/2020				31			
9/14/2020					146		
9/16/2020							20
9/17/2020						223	
3/10/2021		148					
3/11/2021	101		109	14	98		
3/16/2021						196	
3/17/2021							<10
8/4/2021	77	176	141				
8/5/2021					126		
8/6/2021				33			
8/9/2021							14
8/10/2021						238	
1/31/2022	63	184	132	25	128		
2/1/2022							21
2/3/2022						243	

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	46						
3/31/2016		122	135				
4/4/2016				79	135	58	156
5/25/2016	57						
5/26/2016		143	163	105	124		
5/27/2016						66	
5/31/2016							192
8/1/2016	<10						
8/3/2016			159	106		65	
8/4/2016					109		269
8/5/2016		143					
9/26/2016	60						
9/28/2016		160	208	148	104		
9/29/2016							288
9/30/2016						60	
11/11/2016	13 (J)						
11/22/2016		149	152	88	94	63	
11/28/2016							224
1/30/2017	<10						
2/7/2017		123	128				
2/8/2017				62	141 (J)		
2/9/2017							386
2/13/2017						104 (J)	
4/3/2017	100						
4/10/2017		95	186	92	114		
4/11/2017						63	
4/12/2017							254
6/12/2017	51						
6/14/2017		150	150			97	
6/15/2017				96	153		
6/16/2017							309
10/2/2017	32						
10/4/2017		140	153	78	121	74	
10/9/2017							269
3/16/2018	<10						
3/20/2018		93					
3/21/2018			192	111			211
3/22/2018					139	54	
9/18/2018	15 (J)	155	155	106	139	73	
9/19/2018							222
3/19/2019	48						
3/22/2019		95	140				
3/23/2019				64	148	58	135
9/12/2019	46						
9/17/2019		165	172	101	143	62	
9/18/2019							200
3/11/2020	24						
3/12/2020		63	81	96	125	64	
3/13/2020							143
9/15/2020	12						
9/17/2020		140	125				
9/21/2020				93	145	62	

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							176
3/17/2021	31						
3/18/2021		74	62				82
3/19/2021				79	135	53	
8/9/2021	<10						
8/10/2021		120					
8/11/2021			138	53	149	58	131
2/2/2022	15					54	
2/4/2022		102	156	120	157		
2/17/2022							119

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					<10	<10 (D)	89 (D)
4/4/2016	110						
4/5/2016		42	103	53			
5/16/2016					35	<10 (D)	169 (D)
5/31/2016			157	70			
6/1/2016	121	63					
7/25/2016					24 (J)	16 (JD)	159 (D)
8/4/2016			154				
8/9/2016		267					
9/19/2016					19 (J)	12 (JD)	152 (D)
9/29/2016			142				
11/3/2016					34		150 (D)
11/4/2016						13 (JD)	
11/23/2016			172	118			
11/28/2016		116					
1/19/2017					13 (J)		
1/20/2017							152 (D)
1/23/2017						15 (JD)	
2/9/2017		212 (J)					
2/10/2017			237	214			
2/22/2017	311						
3/28/2017					<10		
3/29/2017						<10 (D)	143 (D)
4/11/2017	212	113		127			
4/12/2017			168				
6/5/2017					206		
6/7/2017						26	192
6/14/2017		120					
6/15/2017			176	126			
6/16/2017	262						
7/12/2017	310	153		164			
7/20/2017					72		
7/26/2017				129			
7/28/2017	289						
8/10/2017	288						
9/26/2017					35		
9/27/2017						<10	159
10/5/2017		102					
10/6/2017	268		155	140			
3/15/2018					41	<10	146
3/22/2018		115					
3/23/2018	281		170	119			
9/12/2018					<10		
9/13/2018						<10	185
9/19/2018		114	181	138			
9/20/2018	297						
3/14/2019					110	39 (D)	195 (D)
3/22/2019	249	104		116			
3/25/2019			167				
9/11/2019					58	<10 (D)	172 (D)
9/17/2019		86	179	117			
9/18/2019	281						

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/10/2020					127	60	245
3/13/2020		59	169	76			
3/17/2020	256						
9/11/2020						11	146
9/15/2020					56		
9/21/2020		94	186	122			
9/22/2020	248						
3/11/2021					43	12	167
3/18/2021		57	153	54			
3/19/2021	250						
8/4/2021					62		
8/6/2021						17	186
8/11/2021		77	181	122			
8/12/2021	263						
1/31/2022					63		
2/1/2022						70	201
2/4/2022	262	92	162				
2/7/2022				121			

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	253	152	149	63			
3/17/2016					103	31	
3/28/2016							<10
5/17/2016	251			<10			
5/18/2016		123	162		129	43	
5/25/2016							34
7/26/2016	249						
7/27/2016		113	132	11 (J)	108		
7/28/2016						43	
8/1/2016							25
9/20/2016	195	126	155	14 (J)			
9/21/2016					102	<10	
9/27/2016							20 (J)
11/4/2016	209		169	27	130		
11/7/2016		167				50	
11/11/2016							41
1/20/2017	211		135				
1/23/2017		125		15 (J)			
1/24/2017					152	63	
1/31/2017							127
3/28/2017	199			<10			
3/29/2017		116	147		95		
3/30/2017						<10	
4/3/2017							69
6/7/2017	251						
6/8/2017		131	159	29	176		
6/9/2017						20 (J)	
6/12/2017							46
9/27/2017		117	167				
9/29/2017	255			21 (J)	118	22 (J)	
10/3/2017							34
3/15/2018	231	102		<10	88	<10	
3/16/2018			141				
3/19/2018							<10
9/13/2018	263	144	175	<10	137		
9/14/2018						29	
9/17/2018							38
3/15/2019		125		41			
3/18/2019	251				170		
3/19/2019			154			35	
3/20/2019							66
9/11/2019	234		164	20	138	27	
9/12/2019		121					
9/16/2019							45
3/9/2020		147	44	100		51	
3/10/2020	273						
3/11/2020					125		
3/16/2020							20
9/11/2020					127		
9/14/2020	232	129		47		25	
9/15/2020			108				
9/16/2020							30

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	209	106	143	40			
3/15/2021					107	30	
3/17/2021							15
8/4/2021				34			
8/5/2021	210	90	142			<10	
8/9/2021							<10
8/11/2021					116		
1/31/2022	197			31			
2/1/2022		107	157		125	27	
2/2/2022							32

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:10 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					111	
3/29/2016	51	64				
3/30/2016				104		26
5/24/2016	76	77		94		
5/25/2016					95	
5/26/2016						70
5/31/2016			120			
8/1/2016	69	35				
8/2/2016			100	105	124	
8/5/2016						95
9/26/2016	103	111			140	
9/27/2016			121	119		
9/28/2016						152
11/14/2016		76				
11/18/2016	77					
11/21/2016			164		154	145
11/22/2016				105		
2/1/2017	168	126	144			
2/3/2017					113	
2/6/2017				99		20 (J)
4/6/2017	95	146	125	124		17 (J)
4/7/2017					147	
6/13/2017	101	84	148		117	32
6/14/2017				114		
7/14/2017			121			
10/3/2017	83	70	117		150	71
10/4/2017				107		
3/19/2018	70					
3/20/2018		78	136		121	49
3/21/2018				117		
9/17/2018	77	74				
9/18/2018			116	110	93	38
3/21/2019	80	60	107			39
3/27/2019				101		
5/6/2019					118	
9/13/2019			115			
9/16/2019	82	65		113	99	85
3/12/2020	42	22	86	84		16
3/16/2020					76	
9/16/2020	77	52	124			
9/17/2020				111	98	94
3/17/2021	47	43	112	113		
3/18/2021					48	<10
8/10/2021	53	<10	101	112	92	22
2/2/2022	73	51	115	102	85	21

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.01	<0.01	<0.01			<0.01	
10/23/2007	<0.01						
10/24/2007		<0.01	<0.01				
11/2/2007						<0.01	
11/18/2007	<0.01	0.0051	<0.01			0.0046	
1/30/2008	<0.01						
1/31/2008		<0.01	0.0078			<0.01	
3/10/2008	<0.01		<0.01				
3/11/2008		0.0032				<0.01	
5/6/2008		<0.01					
5/13/2008	<0.01		<0.01				
5/14/2008						<0.01	
12/4/2008		0.016 (O)	<0.01				
12/5/2008	<0.01					<0.01	
4/15/2009	<0.01					<0.01	
4/21/2009		0.005	0.0036				
10/7/2009	0.0099	<0.01					
10/8/2009			<0.01			<0.01	
4/21/2010			<0.01				
4/26/2010		<0.01					
4/28/2010						<0.01	
5/3/2010	<0.01						
9/28/2010			<0.01				
10/4/2010		0.0025					
10/6/2010						<0.01	
10/12/2010	<0.01						
4/12/2011			<0.01				
4/13/2011		<0.01					
4/21/2011						<0.01	
4/27/2011	<0.01						
10/4/2011			<0.01				
10/5/2011		<0.01					
10/13/2011						<0.01	
10/17/2011	<0.01						
4/3/2012			<0.01				
4/11/2012		<0.01					
5/1/2012						<0.01	
5/2/2012	<0.01						
10/8/2012	<0.01						
10/9/2012		<0.01	<0.01			<0.01	
4/11/2013			<0.01			<0.01	
4/12/2013	<0.01						
4/15/2013		<0.01					
10/15/2013		<0.01					
10/16/2013	<0.01		<0.01			<0.01	
4/10/2014			0.005 (J)				
4/11/2014	<0.01						
4/22/2014		<0.01					
4/23/2014						<0.01	
9/30/2014	<0.01	<0.01	<0.01				
10/4/2014						<0.01	
3/30/2015	0.0067	0.0016 (J)	<0.01				

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.0023 (J)	
10/12/2015						<0.01	
10/13/2015	<0.01	<0.01	<0.01				
3/14/2016					<0.01		
3/15/2016							<0.01
3/22/2016	0.00214 (J)						
3/23/2016		<0.01	<0.01			<0.01	
5/11/2016					<0.01		<0.01
5/16/2016				<0.01 (D)			
7/19/2016					<0.01		
7/21/2016							<0.01
7/27/2016				0.002 (JD)			
7/29/2016	<0.01	<0.01	<0.01			<0.01	
9/15/2016					<0.01		<0.01
11/2/2016					<0.01		
11/3/2016							<0.01
1/17/2017							<0.01
1/18/2017					<0.01		
2/21/2017				<0.01			
3/24/2017							<0.01
3/27/2017				<0.01 (D)			
3/28/2017					<0.01		
3/30/2017	<0.01	<0.01				<0.01	
4/3/2017			<0.01				
9/26/2017					<0.01		<0.01
9/29/2017				<0.01 (D)			
10/2/2017	<0.01	<0.01	<0.01				
10/4/2017						<0.01	
3/14/2018					<0.01		<0.01
3/16/2018	<0.01		<0.01	<0.01			
3/19/2018		<0.01				<0.01	
9/12/2018					<0.01		<0.01
9/14/2018		<0.01	<0.01	<0.01			
9/17/2018	<0.01 (D)					<0.01	
3/13/2019							<0.01
3/14/2019				<0.01			
3/15/2019					<0.01		
3/19/2019			<0.01				
3/20/2019	<0.01	<0.01				<0.01	
9/9/2019					<0.01		<0.01
9/12/2019	<0.01	<0.01 (D)					
9/13/2019			0.001 (J)			<0.01	
3/9/2020				<0.01	<0.01		<0.01
3/11/2020	<0.01	<0.01	0.00084 (J)			<0.01	
9/10/2020					<0.01		
9/11/2020							<0.01
9/15/2020	<0.01	<0.01	<0.01				
9/16/2020				<0.01			
3/10/2021							<0.01
3/12/2021					<0.01		
3/16/2021	<0.01		<0.01	<0.01			
3/17/2021		<0.01					

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.01	
8/4/2021					<0.01		<0.01
8/6/2021				<0.01			
8/9/2021	<0.01	<0.01	<0.01			<0.01	
1/31/2022					<0.01		<0.01
2/1/2022	<0.01	<0.01	<0.01				
2/2/2022				<0.01		<0.01	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.01
4/23/2009							<0.01
10/6/2009							<0.01
4/27/2010							<0.01
9/30/2010							<0.01
4/14/2011							<0.01
10/5/2011							<0.01
4/11/2012							<0.01
10/2/2012							<0.01
4/9/2013							<0.01
10/15/2013							<0.01
4/10/2014							<0.01
10/1/2014							<0.01
3/30/2015							<0.01
10/11/2015							<0.01
3/11/2016			<0.01	0.00204 (J)	0.00202 (J)		
3/15/2016	<0.01	<0.01					
3/28/2016							<0.01
5/12/2016	<0.01						
5/13/2016		<0.01		<0.01	<0.01		
5/16/2016			<0.01				
7/19/2016				<0.01	<0.01		
7/20/2016	<0.01						
7/21/2016		<0.01					
7/22/2016			<0.01				
8/1/2016							<0.01
9/15/2016	<0.01						
9/16/2016				<0.01	<0.01		
9/19/2016			<0.01				
9/21/2016		<0.01					
11/2/2016				<0.01	<0.01		
11/3/2016	<0.01	<0.01	<0.01				
1/17/2017		<0.01	<0.01				
1/18/2017	<0.01			<0.01	<0.01		
3/24/2017	<0.01						
3/27/2017		<0.01	<0.01				
3/28/2017				<0.01	<0.01		
4/7/2017						<0.01	<0.01
9/22/2017				<0.01	<0.01		
9/25/2017	<0.01	<0.01					
9/26/2017			<0.01				
10/2/2017							<0.01
10/3/2017						<0.01 (D)	
3/14/2018	<0.01	<0.01	<0.01	<0.01			
3/15/2018					<0.01		
3/16/2018							<0.01
3/21/2018						<0.01	
9/12/2018	<0.01	<0.01		<0.01	<0.01		
9/14/2018			<0.01				
9/17/2018							<0.01
9/18/2018						<0.01	
3/13/2019				<0.01	<0.01		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.01	<0.01	<0.01				
3/19/2019							<0.01
3/21/2019						<0.01 (D)	
9/10/2019	<0.01 (D)	<0.01	<0.01				
9/11/2019				<0.01	<0.01		
9/12/2019						0.00084 (JD)	
9/13/2019							<0.01
3/6/2020	<0.01		<0.01				
3/9/2020		<0.01		<0.01	0.00074 (J)		
3/11/2020							<0.01
3/12/2020						<0.01	
9/10/2020	<0.01	<0.01	<0.01				
9/11/2020				<0.01			
9/14/2020					<0.01		
9/16/2020							<0.01
9/17/2020						<0.01	
3/10/2021		<0.01					
3/11/2021	<0.01		<0.01	<0.01	<0.01		
3/16/2021						<0.01	
3/17/2021							<0.01
8/4/2021	<0.01	<0.01	<0.01				
8/5/2021					<0.01		
8/6/2021				<0.01			
8/9/2021							<0.01
8/10/2021						<0.01	
1/31/2022	<0.01	<0.01	<0.01	<0.01	<0.01		
2/1/2022							<0.01
2/3/2022						<0.01	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/1/2007		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/18/2007				<0.01	<0.01		
11/19/2007						<0.01	0.0035
11/20/2007		0.0034	<0.01				
1/16/2008						0.0071	
1/30/2008		0.005	<0.01	<0.01	<0.01		
1/31/2008							0.0039
3/5/2008				<0.01		0.0031	<0.01
3/6/2008		0.0032	<0.01		0.0047		
5/7/2008				0.0029	0.003		
5/8/2008			<0.01				
5/12/2008		<0.01					0.0064
5/13/2008						<0.01	
12/12/2008	<0.01						
12/13/2008		0.0082				<0.01	0.02 (O)
12/14/2008			<0.01	0.0026	0.0056		
4/16/2009						0.0037	
4/23/2009	0.0065						
4/28/2009							0.0039
4/29/2009		<0.01	<0.01	<0.01	0.018 (O)		
10/6/2009	0.0026						
10/20/2009		<0.01					
10/21/2009			<0.01			0.0047	0.0037
10/22/2009				0.0026	0.0079		
4/21/2010			<0.01	<0.01	0.0075		
4/26/2010		<0.01					
4/27/2010						0.0082	
4/28/2010							<0.01
5/3/2010	0.0028						
9/28/2010			<0.01	<0.01			
9/29/2010		<0.01			0.0065		
10/5/2010						<0.01	<0.01
10/11/2010	0.0035						
4/12/2011			<0.01	<0.01			
4/13/2011		<0.01			0.004		
4/19/2011						0.0036	0.0025
4/27/2011	0.0047						
10/4/2011			<0.01	<0.01	0.0054		
10/5/2011		<0.01					
10/12/2011						<0.01	
10/18/2011							0.0037
10/19/2011	<0.01						
4/3/2012			<0.01	<0.01			
4/4/2012		<0.01			<0.01		
4/24/2012						<0.01	
4/25/2012							<0.01
5/1/2012	<0.01						
10/2/2012	<0.01					<0.01	<0.01
10/3/2012		<0.01		<0.01	<0.01		
10/8/2012			<0.01				
4/2/2013						<0.01	<0.01

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.01	<0.01	<0.01	<0.01		
4/10/2013	<0.01						
10/8/2013							<0.01
10/9/2013				<0.01	<0.01	<0.01	
10/15/2013		<0.01	<0.01				
10/16/2013	<0.01						
4/1/2014						<0.01	0.005 (J)
4/2/2014				<0.01	0.005 (J)		
4/9/2014		<0.01	<0.01				
4/22/2014	0.005 (J)						
10/1/2014	<0.01						<0.01
10/2/2014		<0.01	<0.01	<0.01	<0.01	<0.01	
3/30/2015	0.0032 (J)						
4/1/2015				<0.01	0.0067	<0.01	0.0019 (J)
4/2/2015		<0.01	<0.01				
10/10/2015		<0.01					
10/11/2015	<0.01			<0.01	0.0049 (J)		
10/12/2015			<0.01				
10/14/2015						0.0022 (J)	
10/15/2015							<0.01
3/28/2016	<0.01						
3/31/2016		<0.01	<0.01				
4/4/2016				<0.01	0.00251 (J)	<0.01	0.00211 (J)
8/1/2016	<0.01						
8/3/2016			<0.01	<0.01		<0.01	
8/4/2016					<0.01		<0.01
8/5/2016		<0.01					
4/3/2017	<0.01						
4/10/2017		<0.01	<0.01	<0.01	<0.01		
4/11/2017						<0.01	
4/12/2017							0.0016 (J)
10/2/2017	<0.01						
10/4/2017		<0.01	<0.01	<0.01	0.0015 (J)	<0.01	
10/9/2017							<0.01
3/16/2018	<0.01						
3/20/2018		<0.01					
3/21/2018			<0.01	<0.01			<0.01
3/22/2018					<0.01	<0.01	
9/18/2018	<0.01	<0.01	<0.01	<0.01	0.0022 (J)	<0.01	
9/19/2018							0.0022 (J)
3/19/2019	<0.01						
3/22/2019		<0.01	<0.01				
3/23/2019				<0.01	<0.01	<0.01	<0.01
9/12/2019	<0.01						
9/17/2019		<0.01	<0.01	<0.01	<0.01	<0.01 (D)	
9/18/2019							<0.01
3/11/2020	<0.01						
3/12/2020		<0.01	<0.01	<0.01	<0.01	<0.01	
3/13/2020							0.002 (J)
9/15/2020	<0.01						
9/17/2020		<0.01	<0.01				
9/21/2020				<0.01	<0.01	<0.01	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.01
3/17/2021	<0.01						
3/18/2021		<0.01	<0.01				<0.01
3/19/2021				<0.01	<0.01	<0.01	
8/9/2021	<0.01						
8/10/2021		<0.01					
8/11/2021			<0.01	<0.01	<0.01	<0.01	0.0021 (J)
2/2/2022	<0.01					<0.01	
2/4/2022		<0.01	<0.01	<0.01	<0.01		
2/17/2022							<0.01

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.01						
8/23/2007			<0.01				
8/24/2007		0.012		0.0027			
11/1/2007	0.0048						
11/2/2007		<0.01	<0.01	0.012			
11/17/2007		0.0043	<0.01				
11/18/2007				0.016 (J)			
11/19/2007	0.0054						
1/15/2008		0.0037	<0.01	0.018			
1/31/2008	0.003						
3/5/2008	<0.01	0.0049					
3/6/2008			<0.01				
3/10/2008				0.014			
5/7/2008	0.0041	<0.01	<0.01				
5/13/2008				0.013			
12/2/2008		0.0097	<0.01	0.016			
12/12/2008	0.023 (O)						
4/16/2009		0.0061					
4/28/2009			<0.01	0.016			
4/29/2009	0.006						
10/19/2009			<0.01				
10/20/2009		0.0092		0.021			
10/21/2009	0.022 (O)						
4/20/2010		<0.01					
4/27/2010			<0.01	0.012			
4/28/2010	0.011						
9/29/2010		<0.01					
10/4/2010			<0.01				
10/5/2010				0.011			
10/6/2010	0.0064						
4/12/2011		<0.01					
4/18/2011			<0.01				
4/19/2011				0.012			
4/20/2011	0.0046						
10/4/2011		<0.01					
10/12/2011	<0.01		<0.01	0.0031			
4/4/2012		<0.01					
4/23/2012			<0.01				
4/25/2012	<0.01			<0.01			
10/2/2012	<0.01						
10/10/2012		<0.01	<0.01	<0.01			
4/2/2013	<0.01						
4/15/2013		<0.01	<0.01				
4/16/2013				<0.01			
10/8/2013	<0.01						
10/22/2013		<0.01	<0.01	<0.01			
4/1/2014	0.005 (J)						
4/21/2014		0.005 (J)	<0.01	0.005 (J)			
9/30/2014		<0.01	<0.01	<0.01			
10/1/2014	<0.01						
3/31/2015	<0.01						
4/3/2015		0.001 (J)	<0.01	0.0016 (J)			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				0.002 (J)			
10/7/2015		<0.01	<0.01				
10/14/2015	<0.01						
3/16/2016					<0.01	<0.01 (D)	<0.01 (D)
4/4/2016	<0.01						
4/5/2016		<0.01	<0.01	0.00036 (J)			
5/16/2016					<0.01	<0.01 (D)	<0.01 (D)
7/25/2016					<0.01	0.0022 (JD)	<0.01 (D)
8/4/2016			<0.01				
8/9/2016		<0.01					
9/19/2016					<0.01	<0.01 (D)	<0.01 (D)
11/3/2016					<0.01		<0.01 (D)
11/4/2016						<0.01 (D)	
1/19/2017					<0.01		
1/20/2017							<0.01 (D)
1/23/2017						<0.01 (D)	
3/28/2017					<0.01		
3/29/2017						<0.01 (D)	<0.01 (D)
4/11/2017	<0.01	<0.01		<0.01			
4/12/2017			<0.01				
9/26/2017					<0.01		
9/27/2017						<0.01	<0.01
10/5/2017		<0.01					
10/6/2017	<0.01		<0.01	<0.01			
3/15/2018					<0.01	<0.01	<0.01
3/22/2018		<0.01					
3/23/2018	<0.01		<0.01	<0.01			
9/12/2018					<0.01		
9/13/2018						<0.01	<0.01
9/19/2018		<0.01	<0.01	<0.01			
9/20/2018	<0.01						
3/14/2019					<0.01	<0.01 (D)	<0.01 (D)
3/22/2019	<0.01	<0.01		<0.01			
3/25/2019			<0.01				
9/11/2019					<0.01	<0.01 (D)	<0.01 (D)
9/17/2019		<0.01	<0.01	<0.01			
9/18/2019	<0.01						
3/10/2020					<0.01	<0.01	<0.01
3/13/2020		<0.01	0.00077 (J)	0.00095 (J)			
3/17/2020	<0.01						
9/11/2020						<0.01	<0.01
9/15/2020					<0.01		
9/21/2020		<0.01	<0.01	<0.01			
9/22/2020	<0.01						
3/11/2021					<0.01	<0.01	<0.01
3/18/2021		<0.01	<0.01	<0.01			
3/19/2021	<0.01						
8/4/2021					<0.01		
8/6/2021						<0.01	<0.01
8/11/2021		<0.01	<0.01	<0.01			
8/12/2021	<0.01						
1/31/2022					<0.01		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022							
2/4/2022	<0.01	<0.01	<0.01			<0.01	<0.01
2/7/2022				<0.01			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.0032
10/25/2007							<0.01
11/19/2007							<0.01
1/23/2008							<0.01
3/11/2008							<0.01
5/12/2008							<0.01
12/11/2008							<0.01
4/15/2009							<0.01
10/9/2009							<0.01
5/4/2010							<0.01
10/12/2010							<0.01
4/28/2011							<0.01
10/19/2011							<0.01
5/2/2012							<0.01
10/9/2012							<0.01
4/11/2013							<0.01
10/16/2013							<0.01
4/23/2014							<0.01
10/3/2014							0.00097 (J)
3/31/2015							0.00096 (J)
10/12/2015							<0.01
3/10/2016	<0.01	<0.01	<0.01	<0.01			
3/17/2016					<0.01	<0.01	
3/28/2016							<0.01
5/17/2016	<0.01			<0.01			
5/18/2016		<0.01	<0.01		<0.01	<0.01	
7/26/2016	<0.01						
7/27/2016		<0.01	<0.01	<0.01	<0.01		
7/28/2016						<0.01	
8/1/2016							<0.01
9/20/2016	<0.01	<0.01	<0.01	<0.01			
9/21/2016					<0.01	<0.01	
11/4/2016	<0.01		<0.01	<0.01	<0.01		
11/7/2016		<0.01				<0.01	
1/20/2017	<0.01		<0.01				
1/23/2017		<0.01		<0.01			
1/24/2017					<0.01	<0.01	
3/28/2017	<0.01			<0.01			
3/29/2017		<0.01	<0.01		<0.01		
3/30/2017						<0.01	
4/3/2017							<0.01
9/27/2017		<0.01	<0.01				
9/29/2017	<0.01			<0.01	<0.01	<0.01	
10/3/2017							<0.01
3/15/2018	<0.01	<0.01		<0.01	<0.01	<0.01	
3/16/2018			<0.01				
3/19/2018							<0.01
9/13/2018	<0.01	<0.01	<0.01	<0.01	<0.01		
9/14/2018						<0.01	
9/17/2018							<0.01
3/15/2019		<0.01		<0.01			
3/18/2019	<0.01				<0.01		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/19/2019			<0.01			<0.01	
3/20/2019							<0.01
9/11/2019	<0.01		<0.01	<0.01 (D)	<0.01	<0.01	
9/12/2019		<0.01					
9/16/2019							<0.01
3/9/2020		<0.01	0.00075 (J)	<0.01		<0.01	
3/10/2020	<0.01						
3/11/2020					<0.01		
3/16/2020							<0.01
9/11/2020					<0.01		
9/14/2020	<0.01	<0.01		<0.01		<0.01	
9/15/2020			<0.01				
9/16/2020							<0.01
3/11/2021	<0.01	<0.01	<0.01	<0.01			
3/15/2021					<0.01	<0.01	
3/17/2021							<0.01
8/4/2021				<0.01			
8/5/2021	<0.01	<0.01	<0.01			<0.01	
8/9/2021							<0.01
8/11/2021					<0.01		
1/31/2022	<0.01			<0.01			
2/1/2022		<0.01	<0.01		<0.01	<0.01	
2/2/2022							<0.01

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.01					
8/23/2007						<0.01
10/25/2007	<0.01					
11/1/2007						<0.01
11/19/2007						0.0052
11/20/2007	<0.01					
1/15/2008						0.0065
1/23/2008	0.007					
3/6/2008						0.0028
3/11/2008	0.0033					
5/13/2008						<0.01
5/14/2008	0.0043					
12/11/2008	<0.01					
12/12/2008						<0.01
4/16/2009						0.0033
4/23/2009	<0.01					
10/9/2009	0.0043					
10/13/2009						<0.01
4/21/2010						<0.01
5/4/2010	0.0027					
9/29/2010						<0.01
10/11/2010	0.0034					
4/13/2011						<0.01
4/26/2011	<0.01					
10/5/2011						<0.01
10/18/2011	<0.01			<0.01		
4/4/2012						<0.01
4/30/2012				<0.01		
5/2/2012	<0.01					
10/3/2012				<0.01		
10/8/2012	<0.01					<0.01
4/8/2013				<0.01		<0.01
4/10/2013	<0.01					
10/8/2013	<0.01					
10/9/2013				<0.01		<0.01
4/9/2014						<0.01
4/10/2014				0.005 (J)		
4/14/2014	0.005 (J)					
9/30/2014						<0.01
10/2/2014				<0.01		
10/3/2014	0.0016 (J)					
4/1/2015	0.0021 (J)					
4/2/2015						<0.01
4/3/2015				<0.01		
5/26/2015		<0.01			<0.01	
6/18/2015		<0.01 (D)			0.005 (D)	
7/2/2015		<0.01			<0.01	
10/8/2015				0.0056	<0.01	
10/9/2015	<0.01	<0.01				
10/10/2015						0.00195 (D)
3/22/2016					<0.01	
3/29/2016	<0.01	<0.01				

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.01		<0.01
8/1/2016	<0.01	<0.01				
8/2/2016			<0.01	<0.01	<0.01	
8/5/2016						<0.01
4/6/2017	<0.01	<0.01	<0.01	<0.01		<0.01
4/7/2017					<0.01	
10/3/2017	<0.01	<0.01	<0.01		<0.01	<0.01
10/4/2017				<0.01		
3/19/2018	<0.01					
3/20/2018		<0.01	<0.01		<0.01	<0.01
3/21/2018				<0.01		
9/17/2018	<0.01	<0.01				
9/18/2018			<0.01	<0.01	<0.01	<0.01 (D)
3/21/2019	<0.01	<0.01	<0.01			<0.01
3/27/2019				<0.01		
5/6/2019					<0.01	
9/13/2019			<0.01			
9/16/2019	<0.01	<0.01		<0.01 (D)	<0.01	<0.01
3/12/2020	<0.01	<0.01	<0.01	<0.01		<0.01
3/16/2020					<0.01	
9/16/2020	<0.01	<0.01	<0.01			
9/17/2020				<0.01	<0.01	<0.01
3/17/2021	<0.01	<0.01	<0.01	<0.01		
3/18/2021					<0.01	<0.01
8/10/2021	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2/2/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	0.032 (O)	0.0033	0.0079			0.066	
10/23/2007	0.0099						
10/24/2007		0.043 (O)	<0.02				
11/2/2007						0.055	
11/18/2007	0.0095 (J)	0.024	0.015			0.13	
1/30/2008	0.022 (O)						
1/31/2008		0.015	0.063 (O)			0.13	
3/10/2008	0.014		0.013 (J)				
3/11/2008		0.027				0.07	
5/6/2008		0.0032					
5/13/2008	0.0075		0.0072				
5/14/2008						0.12	
12/4/2008		0.081 (O)	0.011 (J)				
12/5/2008	0.0056 (J)					0.088	
4/15/2009	0.0033					0.068	
4/21/2009		0.0057	0.0041				
10/7/2009	0.061 (O)	<0.02					
10/8/2009			<0.02			0.075	
4/21/2010			<0.02				
4/26/2010		<0.02					
4/28/2010						0.071	
5/3/2010	0.0033						
9/28/2010			0.0081				
10/4/2010		0.0057					
10/6/2010						0.074	
10/12/2010	0.0041						
4/12/2011			0.0025				
4/13/2011		<0.02					
4/21/2011						0.047	
4/27/2011	<0.02						
10/4/2011			0.0027				
10/5/2011		<0.02					
10/13/2011						0.073	
10/17/2011	0.0046						
4/3/2012			<0.02				
4/11/2012		<0.02					
5/1/2012						0.0652	
5/2/2012	<0.02						
10/8/2012	0.0053						
10/9/2012		<0.02	0.0064			0.061	
4/11/2013			<0.02			0.053	
4/12/2013	0.006						
4/15/2013		0.0038					
10/15/2013		0.0044					
10/16/2013	0.0048		<0.02			0.047	
4/10/2014			0.0026				
4/11/2014	0.0033						
4/22/2014		0.0025 (J)					
4/23/2014						0.041	
9/30/2014	0.002 (J)	0.00076 (J)	0.0012 (J)				
10/4/2014						0.044 (V)	
3/30/2015	0.012	0.0024 (J)	0.013				

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.12	
10/12/2015						0.053	
10/13/2015	0.011	0.0017 (J)	0.0043				
3/14/2016					<0.02		
3/15/2016							<0.02
3/22/2016	0.00346 (J)						
3/23/2016		<0.02	<0.02			0.0532	
5/11/2016					0.00467 (J)		<0.02
5/16/2016				<0.02 (D)			
7/19/2016					<0.02 (*)		
7/21/2016							<0.02 (*)
7/27/2016				<0.02 (*)			
7/29/2016	<0.02	<0.02	<0.02			0.0446	
9/15/2016					0.0044 (J)		<0.02
11/2/2016					0.0043 (J)		
11/3/2016							<0.02
1/17/2017							<0.02
1/18/2017					<0.02 (*)		
2/21/2017				0.0049 (J)			
3/24/2017							<0.02 (*)
3/27/2017				<0.02 (*)			
3/28/2017					<0.02 (*)		
3/30/2017	<0.02	<0.02				0.0479	
4/3/2017			<0.02				
9/26/2017					0.0029 (J)		0.0019 (J)
9/29/2017				0.0012 (JD)			
10/2/2017	<0.02	<0.02	<0.02				
10/4/2017						0.0429	
3/14/2018					<0.02		<0.02
3/16/2018	<0.02		<0.02	0.0042 (J)			
3/19/2018		<0.02				<0.02	
9/12/2018					<0.02		<0.02
9/14/2018		<0.02	<0.02	<0.02			
9/17/2018	<0.02 (D)					0.04	
3/13/2019							<0.02
3/14/2019				0.0035 (J)			
3/15/2019					0.0023 (J)		
3/19/2019			<0.02				
3/20/2019	<0.02	<0.02				0.028	
9/9/2019					0.0047 (J)		0.0058 (J)
9/12/2019	0.0047 (J)	0.00505 (JD)					
9/13/2019			0.0078 (J)			0.036	
3/9/2020				0.009 (J)	0.0035 (J)		0.002 (J)
3/11/2020	0.0035 (J)	0.0028 (J)	0.0038 (J)			0.031	
9/10/2020					<0.02		
9/11/2020							<0.02
9/15/2020	<0.02	<0.02	<0.02				
9/16/2020				<0.02			
3/10/2021							<0.02
3/12/2021					0.0065 (J)		
3/16/2021	0.0091 (J)		<0.02	<0.02			
3/17/2021		<0.02					

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.02	
8/4/2021					<0.02		<0.02
8/6/2021				<0.02			
8/9/2021	<0.02	<0.02	<0.02			<0.02	
1/31/2022					<0.02		<0.02
2/1/2022	<0.02	<0.02	<0.02				
2/2/2022				<0.02		<0.02	

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							0.048 (O)
4/23/2009							0.0075
10/6/2009							0.0075
4/27/2010							0.0051
9/30/2010							0.0089
4/14/2011							0.0043
10/5/2011							0.0051
4/11/2012							<0.02
10/2/2012							0.006
4/9/2013							0.0034
10/15/2013							0.0042
4/10/2014							0.0035
10/1/2014							0.0019 (J)
3/30/2015							0.0032
10/11/2015							0.0048
3/11/2016			0.00862 (J)	0.0093 (J)	0.00722 (J)		
3/15/2016	<0.02	0.00286 (J)					
3/28/2016							0.00282 (J)
5/12/2016	<0.02						
5/13/2016		<0.02		0.00336 (J)	0.00666 (J)		
5/16/2016			0.00744 (J)				
7/19/2016				<0.02 (*)	<0.02 (*)		
7/20/2016	<0.02						
7/21/2016		<0.02 (*)					
7/22/2016			<0.02 (*)				
8/1/2016							<0.02
9/15/2016	0.0027 (J)						
9/16/2016				0.0023 (J)	<0.02		
9/19/2016			0.0162				
9/21/2016		<0.02					
11/2/2016				0.0047 (J)	0.0057 (J)		
11/3/2016	<0.02	<0.02	0.011				
1/17/2017		<0.02	0.0104				
1/18/2017	<0.02 (*)			<0.02	0.0022 (J)		
3/24/2017	<0.02 (*)						
3/27/2017		<0.02 (*)	<0.02 (*)				
3/28/2017				<0.02 (*)	<0.02		
4/7/2017						<0.02	<0.02
9/22/2017				0.0013 (J)	0.0014 (J)		
9/25/2017	<0.02	0.0023 (J)					
9/26/2017			0.0094 (J)				
10/2/2017							0.0015 (J)
10/3/2017						<0.02 (D)	
3/14/2018	<0.02	<0.02	<0.02	<0.02			
3/15/2018					<0.02		
3/16/2018							<0.02
3/21/2018						<0.02	
9/12/2018	<0.02	<0.02		<0.02	<0.02		
9/14/2018			<0.02				
9/17/2018							<0.02
9/18/2018						<0.02	
3/13/2019				0.0022 (J)	0.0023 (J)		

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.02	0.0021 (J)	0.01				
3/19/2019							<0.02
3/21/2019						0.0034 (JD)	
9/10/2019	0.00745 (JD)	0.0075 (J)	0.014				
9/11/2019				0.0065 (J)	0.0053 (J)		
9/12/2019						0.0072 (JD)	
9/13/2019							0.0061 (J)
3/6/2020	0.0027 (J)		0.012				
3/9/2020		0.0024 (J)		0.002 (J)	0.0022 (J)		
3/11/2020							0.0025 (J)
3/12/2020						0.0027 (J)	
9/10/2020	<0.02	<0.02	0.0073 (J)				
9/11/2020				<0.02			
9/14/2020					<0.02		
9/16/2020							<0.02
9/17/2020						0.0047 (J)	
3/10/2021		<0.02					
3/11/2021	<0.02		0.0089 (J)	<0.02	<0.02		
3/16/2021						<0.02	
3/17/2021							<0.02
8/4/2021	<0.02	<0.02	<0.02				
8/5/2021					<0.02		
8/6/2021				<0.02			
8/9/2021							<0.02
8/10/2021						<0.02	
1/31/2022	<0.02	<0.02	<0.02	<0.02	<0.02		
2/1/2022							<0.02
2/3/2022						<0.02	

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		0.031	0.0066	<0.02	<0.02	0.036	0.0064
11/1/2007		0.0041	0.0086	<0.02	<0.02	0.0041	<0.02
11/18/2007				<0.02	<0.02		
11/19/2007						0.015	0.015
11/20/2007		0.056	0.005				
1/16/2008						0.074	
1/30/2008		0.032	0.0084	<0.02	<0.02		
1/31/2008							0.032 (O)
3/5/2008				<0.02		0.055	0.0061
3/6/2008		0.03	0.0073		0.0038		
5/7/2008				0.015	<0.02		
5/8/2008			0.0084				
5/12/2008		0.008					0.012
5/13/2008						0.035	
12/12/2008	0.013 (J)						
12/13/2008		0.056				0.012 (J)	0.087 (O)
12/14/2008			0.0075 (J)	0.0086 (J)	0.0031 (J)		
4/16/2009						0.053	
4/23/2009	0.075 (O)						
4/28/2009							0.067 (O)
4/29/2009		0.057	0.0028	0.0037	0.0031		
10/6/2009	0.056 (O)						
10/20/2009		0.0037					
10/21/2009			<0.02			0.0063	0.025 (O)
10/22/2009				<0.02	0.0029		
4/21/2010			<0.02	<0.02	0.0027		
4/26/2010		<0.02					
4/27/2010						0.045	
4/28/2010							0.014
5/3/2010	0.051 (O)						
9/28/2010			0.005	0.0042			
9/29/2010		0.012			<0.02		
10/5/2010						0.0047	0.012
10/11/2010	0.016						
4/12/2011			<0.02	<0.02			
4/13/2011		<0.02			<0.02		
4/19/2011						0.0068	0.012
4/27/2011	0.025 (O)						
10/4/2011			0.0088	0.012	0.003		
10/5/2011		0.0031					
10/12/2011						0.0048	
10/18/2011							0.025
10/19/2011	0.0078						
4/3/2012			<0.02	<0.02			
4/4/2012		<0.02			<0.02		
4/24/2012						<0.02	
4/25/2012							0.014
5/1/2012	0.0134						
10/2/2012	0.012					<0.02	0.0089
10/3/2012		0.0085		<0.02	0.0029		
10/8/2012			0.0034				
4/2/2013						0.0081	0.0082

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.0061	<0.02	<0.02	0.0035		
4/10/2013	0.018						
10/8/2013							0.015
10/9/2013				<0.02	<0.02	0.0032	
10/15/2013		0.008	0.0027				
10/16/2013	0.015						
4/1/2014						0.0025 (J)	0.0074
4/2/2014				0.0063	0.0033		
4/9/2014		0.0048	0.0025 (J)				
4/22/2014	0.015						
10/1/2014	0.0038						0.00077 (J)
10/2/2014		0.0023 (JV)	0.0027 (V)	0.0023 (J)	0.0027	0.0023 (J)	
3/30/2015	0.0097						
4/1/2015				0.0017 (J)	0.013	0.0035	0.0082
4/2/2015		0.0023 (J)	0.002 (J)				
10/10/2015		0.0024 (J)					
10/11/2015	0.0024 (J)			0.0016 (J)	0.017		
10/12/2015			<0.02				
10/14/2015						0.0066	
10/15/2015							0.0082
3/28/2016	0.00703 (J)						
3/31/2016		<0.02	0.00266 (J)				
4/4/2016				<0.02	0.00419 (J)	0.00858 (J)	0.00818 (J)
8/1/2016	<0.02						
8/3/2016			<0.02	<0.02		<0.02	
8/4/2016					<0.02		<0.02
8/5/2016		<0.02					
4/3/2017	<0.02						
4/10/2017		<0.02	<0.02	<0.02	<0.02		
4/11/2017						<0.02	
4/12/2017							<0.02
10/2/2017	0.0016 (J)						
10/4/2017		0.0012 (J)	<0.02	0.0014 (J)	0.0014 (J)	0.0104	
10/9/2017							<0.02
3/16/2018	<0.02						
3/20/2018		<0.02					
3/21/2018			<0.02	<0.02			<0.02
3/22/2018					<0.02	0.014	
9/18/2018	<0.02	<0.02	<0.02	<0.02	<0.02	0.013	
9/19/2018							<0.02
3/19/2019	<0.02						
3/22/2019		<0.02	<0.02				
3/23/2019				<0.02	<0.02	0.012	0.021
9/12/2019	0.0058 (J)						
9/17/2019		0.0052 (J)	0.0048 (J)	0.0056 (J)	0.0075 (J)	0.018 (D)	
9/18/2019							0.007 (J)
3/11/2020	0.0033 (J)						
3/12/2020		0.0024 (J)	0.0027 (J)	0.0038 (J)	0.0053 (J)	0.015	
3/13/2020							0.0043 (J)
9/15/2020	<0.02						
9/17/2020		<0.02	<0.02				
9/21/2020				<0.02	0.0037 (J)	0.0065 (J)	

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.02
3/17/2021	<0.02						
3/18/2021		<0.02	<0.02				<0.02
3/19/2021				<0.02	<0.02	0.0076 (J)	
8/9/2021	<0.02						
8/10/2021		<0.02					
8/11/2021			<0.02	<0.02	<0.02	0.011 (J)	<0.02
2/2/2022	<0.02					0.019 (J)	
2/4/2022		<0.02	<0.02	<0.02	<0.02		
2/17/2022							<0.02

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.02						
8/23/2007			0.0038				
8/24/2007		0.0036 (J)		0.052 (O)			
11/1/2007	0.0038						
11/2/2007		0.0026 (J)	0.0025	0.01 (J)			
11/17/2007		0.024 (O)	0.023 (O)				
11/18/2007				0.025 (J)			
11/19/2007	0.0055						
1/15/2008		0.0074	0.012	0.055 (O)			
1/31/2008	0.0063						
3/5/2008	0.0037	0.075 (O)					
3/6/2008			0.0069				
3/10/2008				0.018			
5/7/2008	0.0033	0.0088	0.007				
5/13/2008				0.0044			
12/2/2008		0.11 (O)	0.021 (O)	0.065 (O)			
12/12/2008	0.097 (O)						
4/16/2009		0.091 (O)					
4/28/2009			0.0055	0.0037 (J)			
4/29/2009	0.068 (O)						
10/19/2009			0.0051				
10/20/2009		0.056 (O)		0.0043			
10/21/2009	0.011						
4/20/2010		0.014					
4/27/2010			0.0068	<0.02			
4/28/2010	0.048 (O)						
9/29/2010		0.015					
10/4/2010			0.0074				
10/5/2010				0.0028			
10/6/2010	0.003						
4/12/2011		0.0028					
4/18/2011			0.0031				
4/19/2011				<0.02			
4/20/2011	0.0038						
10/4/2011		0.0025					
10/12/2011	0.0027		0.0067	<0.02			
4/4/2012		0.0105					
4/23/2012			<0.02				
4/25/2012	<0.02			<0.02			
10/2/2012	0.0059						
10/10/2012		0.0033	0.0046	<0.02			
4/2/2013	0.008						
4/15/2013		0.0031	0.006				
4/16/2013				0.005			
10/8/2013	0.0062						
10/22/2013		<0.02	0.0037	0.0028			
4/1/2014	0.0067						
4/21/2014		0.0032	0.0073	0.0028			
9/30/2014		0.0015 (J)	0.0027	0.0018 (J)			
10/1/2014	0.0024 (J)						
3/31/2015	0.0046						
4/3/2015		0.0015 (J)	0.0017 (J)	0.0021 (J)			

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.02			
10/7/2015		<0.02	0.0042				
10/14/2015	0.002 (J)						
3/16/2016					0.00622 (J)	0.004215 (JD)	0.0035415 (JD)
4/4/2016	<0.02						
4/5/2016		<0.02	0.000194 (J)	0.00233 (J)			
5/16/2016					0.00345 (J)	<0.02 (D)	0.00452 (JD)
7/25/2016					<0.02 (*)	0.006 (D)	0.0065 (D)
8/4/2016			<0.02				
8/9/2016		0.0016 (J)					
9/19/2016					0.004 (J)	0.0061 (JD)	0.0034 (JD)
11/3/2016					0.0047 (J)		0.0039 (JD)
11/4/2016						0.0032 (JD)	
1/19/2017					0.0035 (J)		
1/20/2017							0.0023 (JD)
1/23/2017						0.0031 (JD)	
3/28/2017					<0.02 (*)		
3/29/2017						0.00615 (D)	0.00705 (D)
4/11/2017	<0.02	<0.02		<0.02			
4/12/2017			<0.02				
9/26/2017					0.0039 (J)		
9/27/2017						0.0048 (J)	0.0036 (J)
10/5/2017		0.0024 (J)					
10/6/2017	<0.02		0.0024 (J)	<0.02			
3/15/2018					<0.02	<0.02	<0.02
3/22/2018		<0.02					
3/23/2018	<0.02		<0.02	<0.02			
9/12/2018					<0.02		
9/13/2018						<0.02	<0.02
9/19/2018		<0.02	<0.02	<0.02			
9/20/2018	<0.02						
3/14/2019					0.0039 (J)	<0.02 (D)	0.0022 (JD)
3/22/2019	0.0048 (J)	<0.02		<0.02			
3/25/2019			0.0039 (J)				
9/11/2019					0.0068 (J)	0.0065 (JD)	0.0058 (JD)
9/17/2019		0.0057 (X)	0.0066 (J)	0.0048 (X)			
9/18/2019	0.0091 (X)						
3/10/2020					0.0049 (J)	0.0031 (J)	0.0035 (J)
3/13/2020		0.0028 (J)	0.0057 (J)	0.0026 (J)			
3/17/2020	0.0057 (J)						
9/11/2020						<0.02	<0.02
9/15/2020					0.0062 (J)		
9/21/2020		<0.02	0.0036 (J)	<0.02			
9/22/2020	<0.02						
3/11/2021					0.004 (J)	<0.02	<0.02
3/18/2021		<0.02	<0.02	<0.02			
3/19/2021	<0.02						
8/4/2021					<0.02		
8/6/2021						<0.02	<0.02
8/11/2021		<0.02	<0.02	<0.02			
8/12/2021	<0.02						
1/31/2022					<0.02		

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022							
2/4/2022	<0.02	<0.02	<0.02			<0.02	<0.02
2/7/2022				<0.02			

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.016
10/25/2007							0.061
11/19/2007							0.053
1/23/2008							0.14
3/11/2008							0.13
5/12/2008							0.11
12/11/2008							0.04 (J)
4/15/2009							0.11
10/9/2009							0.15
5/4/2010							0.077
10/12/2010							0.077
4/28/2011							0.032
10/19/2011							0.11
5/2/2012							0.138
10/9/2012							0.097
4/11/2013							0.047
10/16/2013							0.098
4/23/2014							0.066
10/3/2014							0.13 (V)
3/31/2015							0.05
10/12/2015							0.048
3/10/2016	0.00373 (J)	0.027	0.0154	0.00432 (J)			
3/17/2016					<0.02	<0.02	
3/28/2016							0.0534
5/17/2016	0.00268 (J)			0.00672 (J)			
5/18/2016		0.0277	0.0136		<0.02	0.00208 (J)	
7/26/2016	<0.02 (*)						
7/27/2016		0.0221	0.0153	<0.02 (*)	<0.02 (*)		
7/28/2016						<0.02 (*)	
8/1/2016							0.055
9/20/2016	0.0058 (J)	0.03	0.0173	0.0081 (J)			
9/21/2016					<0.02	0.0079 (J)	
11/4/2016	0.0029 (J)		0.0149	0.0071 (J)	<0.02		
11/7/2016		0.0202				<0.02 (*)	
1/20/2017	<0.02		0.0134				
1/23/2017		0.0156		<0.02			
1/24/2017					<0.02	0.0053 (J)	
3/28/2017	<0.02 (*)			<0.02 (*)			
3/29/2017		<0.02 (*)	<0.02 (*)		<0.02 (*)		
3/30/2017						<0.02 (*)	
4/3/2017							0.0436
9/27/2017		0.0196	0.0111				
9/29/2017	0.0016 (J)			0.0055 (J)	<0.02	0.004 (J)	
10/3/2017							0.0393
12/28/2017		0.0315 (Y)					
3/15/2018	<0.02	<0.02		<0.02	<0.02	<0.02	
3/16/2018			0.012				
3/19/2018							<0.02
9/13/2018	<0.02	0.031	<0.02	<0.02	<0.02		
9/14/2018						<0.02	
9/17/2018							0.03
3/15/2019		0.051		0.0058 (J)			

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/18/2019	<0.02				<0.02		
3/19/2019			0.016			0.0034 (J)	
3/20/2019							0.032
9/11/2019	0.0055 (J)		0.028	0.011 (D)	0.005 (J)	0.0085 (J)	
9/12/2019		0.035					
9/16/2019							0.035
3/9/2020		0.044	0.032	0.0079 (J)		0.0047 (J)	
3/10/2020	0.0029 (J)						
3/11/2020					0.0036 (J)		
3/16/2020							0.047
9/11/2020					<0.02		
9/14/2020	<0.02	0.032		0.0076 (J)		0.0042 (J)	
9/15/2020			0.028				
9/16/2020							0.033
3/11/2021	<0.02	0.047	0.028	0.0088 (J)			
3/15/2021					<0.02	<0.02	
3/17/2021							0.027
8/4/2021				<0.02			
8/5/2021	<0.02	0.037	0.024			<0.02	
8/9/2021							0.036
8/11/2021					<0.02		
1/31/2022	<0.02			<0.02			
2/1/2022		0.038	0.029		<0.02	<0.02	
2/2/2022							0.034

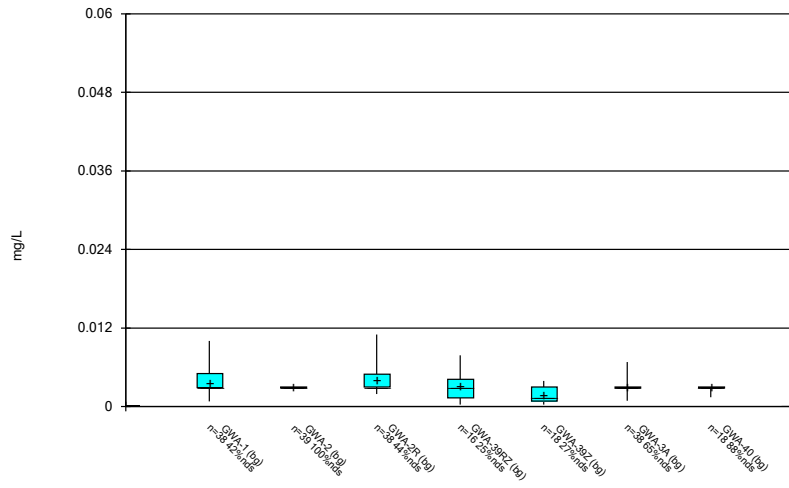
Time Series

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	0.04 (O)					
8/23/2007						0.011
10/25/2007	0.0062					
11/1/2007						0.012
11/19/2007						0.026 (J)
11/20/2007	0.03 (O)					
1/15/2008						0.075 (O)
1/23/2008	0.048 (O)					
3/6/2008						0.051 (O)
3/11/2008	0.016					
5/13/2008						0.0084
5/14/2008	0.02					
12/11/2008	0.021					
12/12/2008						0.077 (O)
4/16/2009						0.064 (O)
4/23/2009	0.0058 (J)					
10/9/2009	0.055 (O)					
10/13/2009						0.013
4/21/2010						0.0035
5/4/2010	0.045 (O)					
9/29/2010						0.0085
10/11/2010	0.015					
4/13/2011						0.0028
4/26/2011	0.0067					
10/5/2011						0.0038
10/18/2011	0.0055			0.0032		
4/4/2012						0.0126
4/30/2012				<0.02		
5/2/2012	<0.02					
10/3/2012				0.0034		
10/8/2012	0.0043					0.0043
4/8/2013				0.0039		0.0068
4/10/2013	0.0067					
10/8/2013	0.0091					
10/9/2013				0.0078		0.0082
4/9/2014						0.0043
4/10/2014				0.0064		
4/14/2014	0.0063					
9/30/2014						0.0029
10/2/2014				0.0009 (JV)		
10/3/2014	0.0065 (V)					
4/1/2015	0.0059					
4/2/2015						0.0056
4/3/2015				<0.02		
5/26/2015		0.0035			0.0017 (J)	
6/18/2015		0.0025 (D)			0.0052 (D)	
7/2/2015		0.0018 (J)			0.0027	
10/8/2015				0.013	<0.02	
10/9/2015	<0.02	0.0019 (J)				
10/10/2015						0.0065 (D)
3/22/2016					0.00302 (J)	
3/29/2016	<0.02	0.00786 (J)				

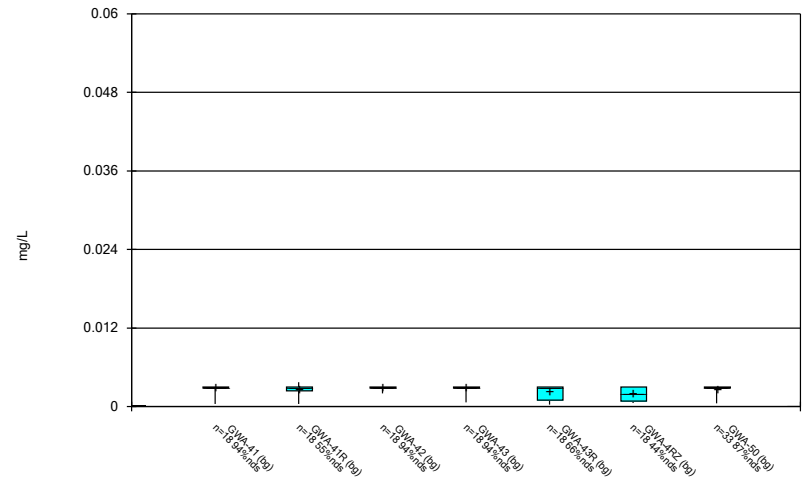
FIGURE B.

Box & Whiskers Plot



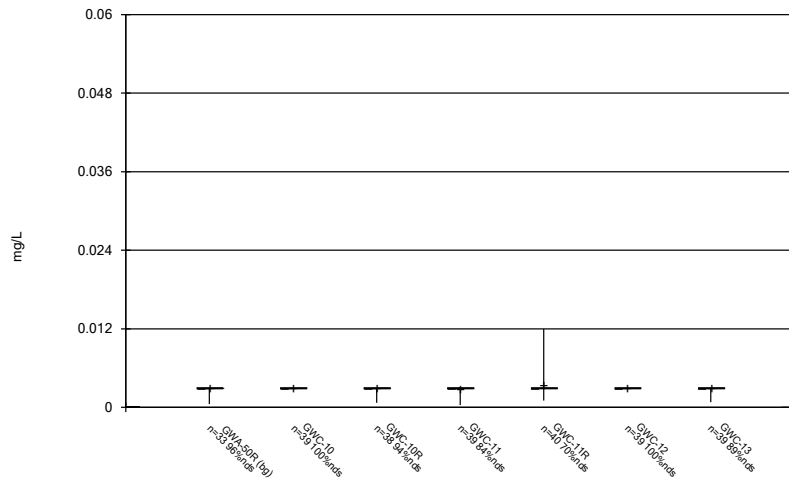
Constituent: Antimony Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



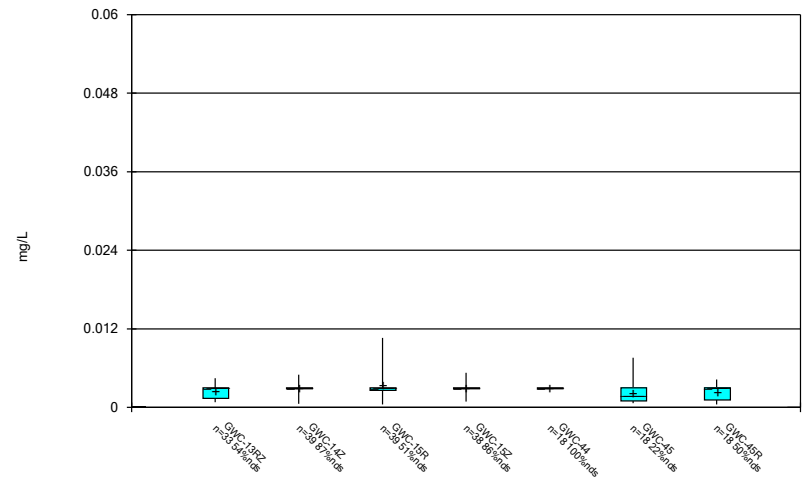
Constituent: Antimony Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



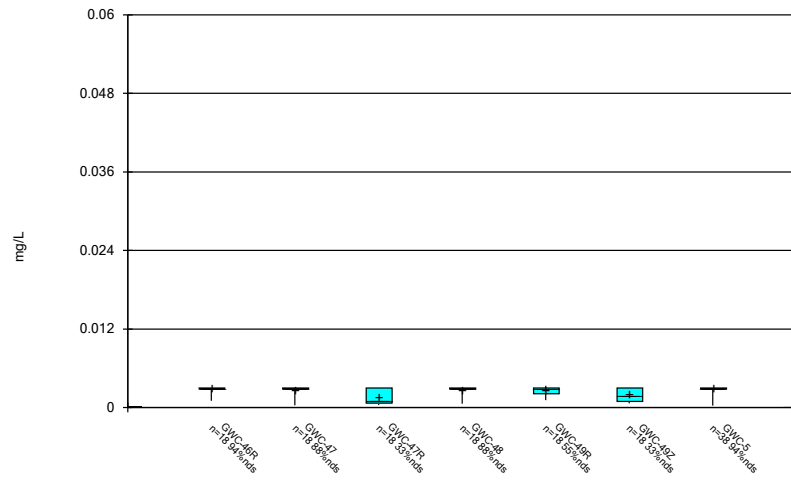
Constituent: Antimony Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



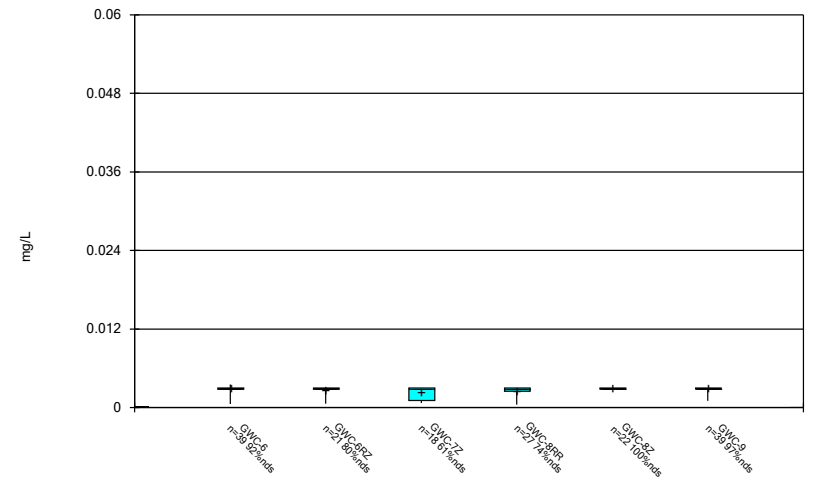
Constituent: Antimony Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



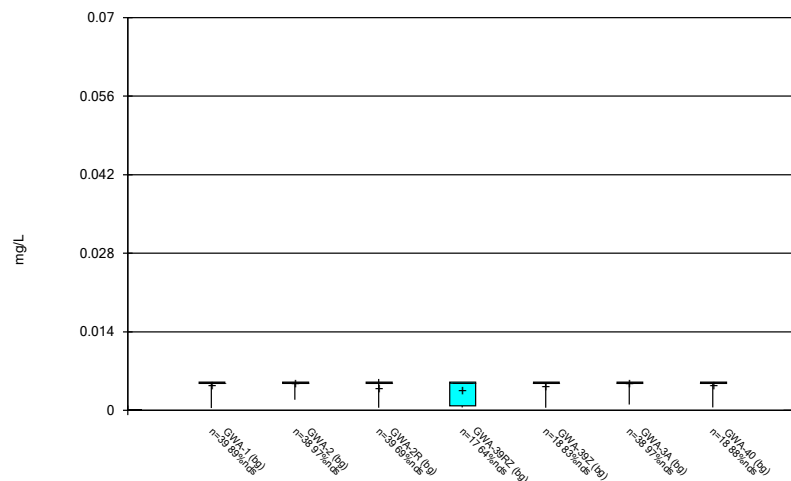
Constituent: Antimony Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



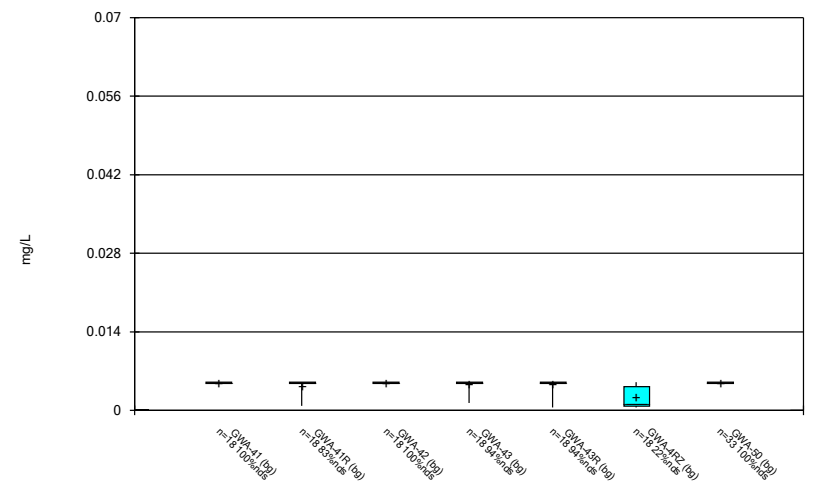
Constituent: Antimony Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



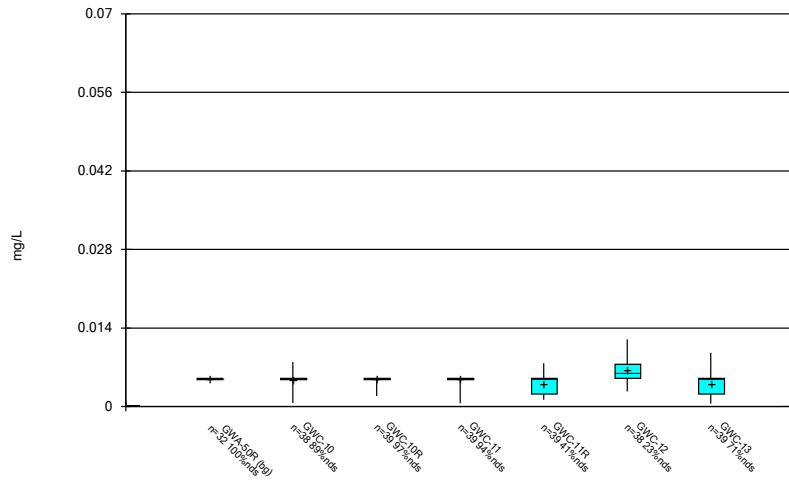
Constituent: Arsenic Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



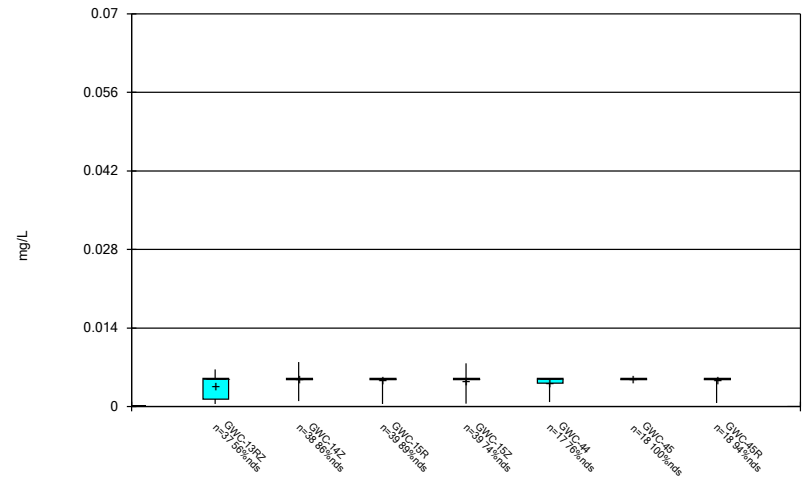
Constituent: Arsenic Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



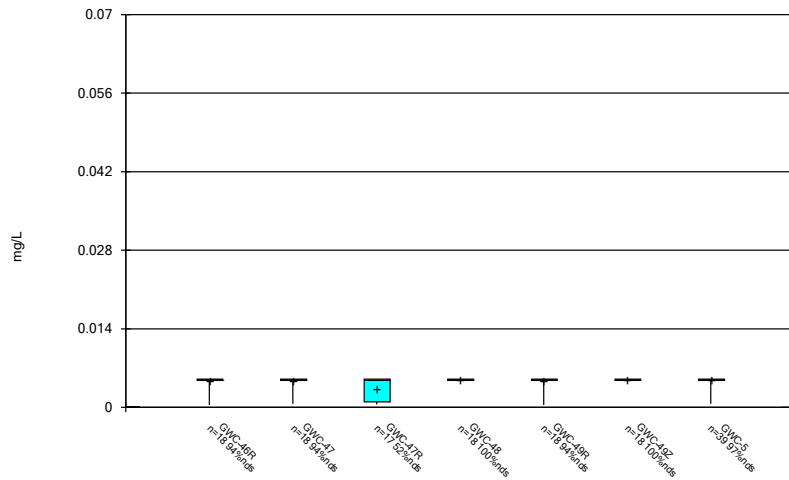
Constituent: Arsenic Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



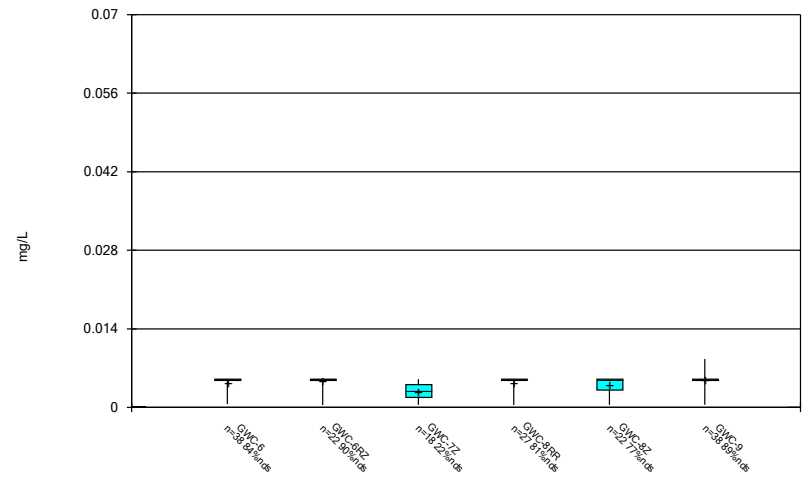
Constituent: Arsenic Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



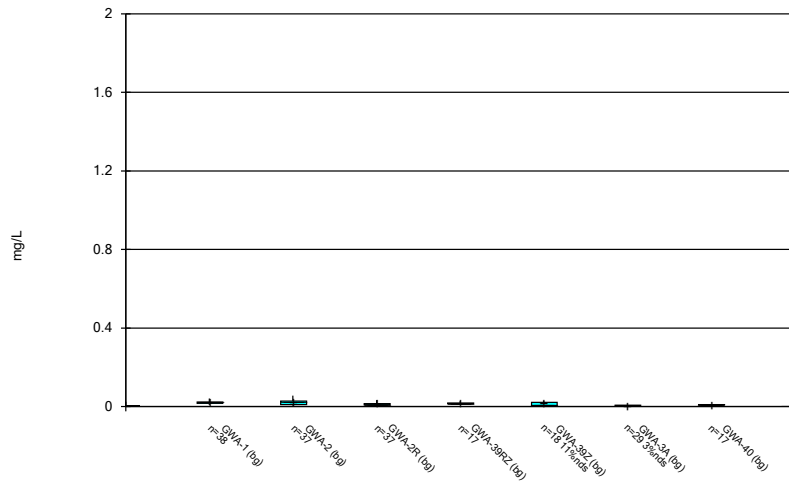
Constituent: Arsenic Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



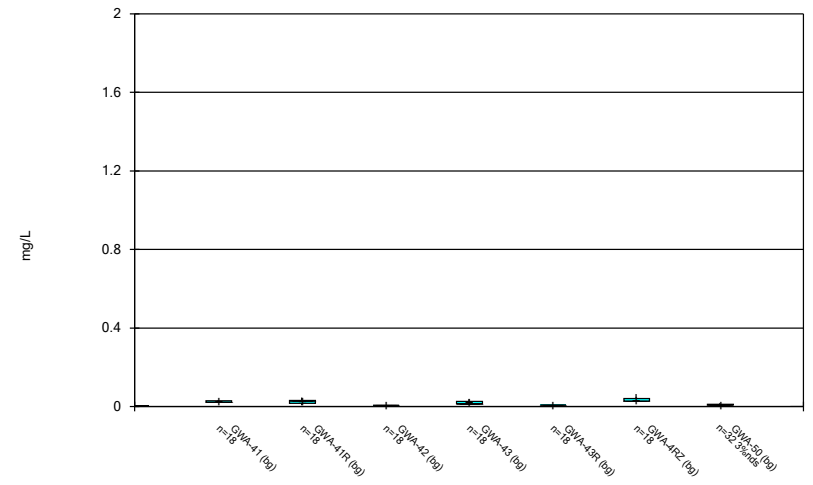
Constituent: Arsenic Analysis Run 4/1/2022 5:10 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



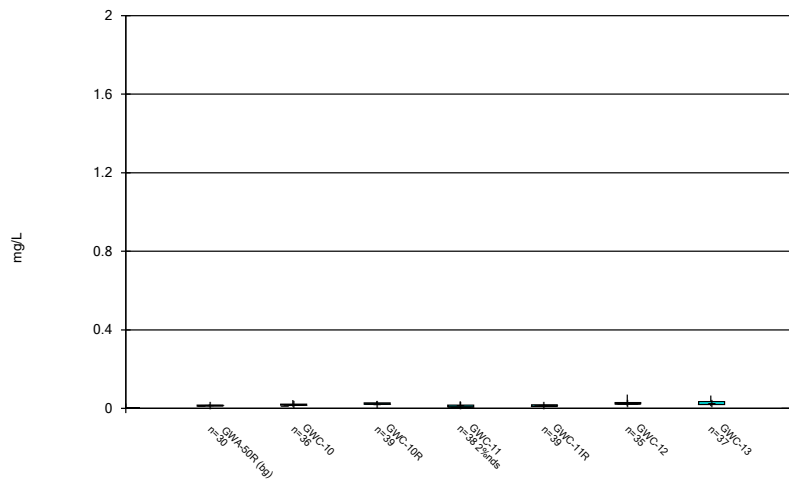
Constituent: Barium Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



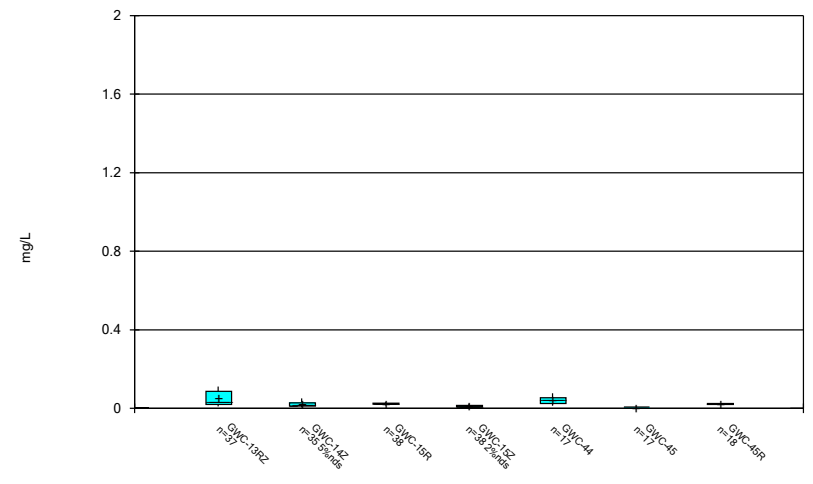
Constituent: Barium Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



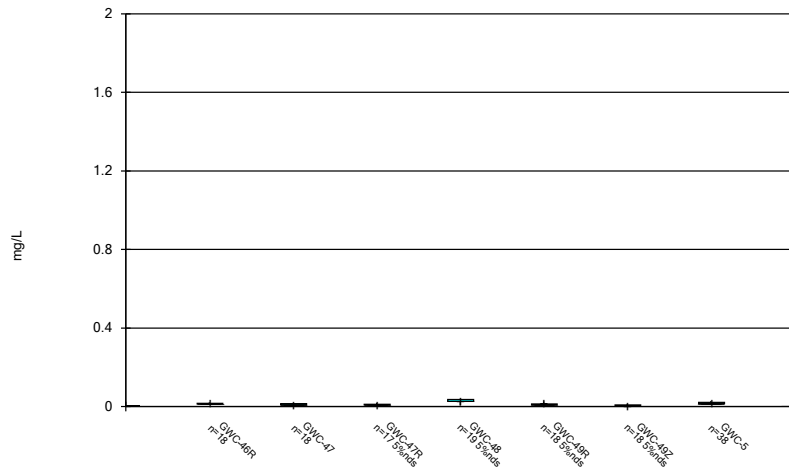
Constituent: Barium Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



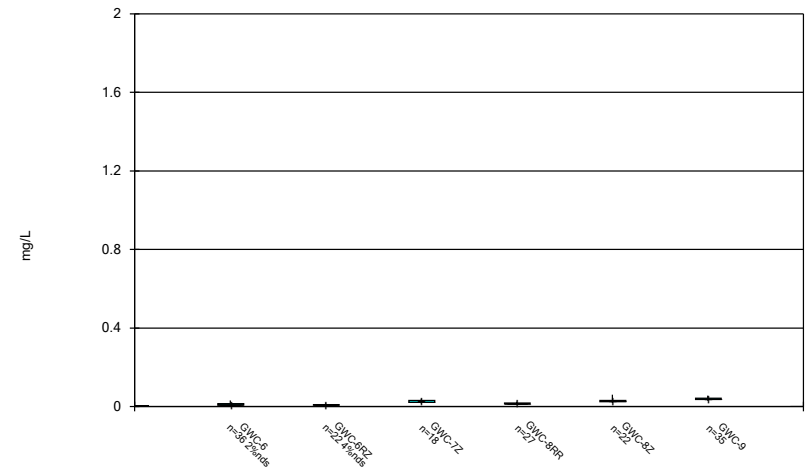
Constituent: Barium Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



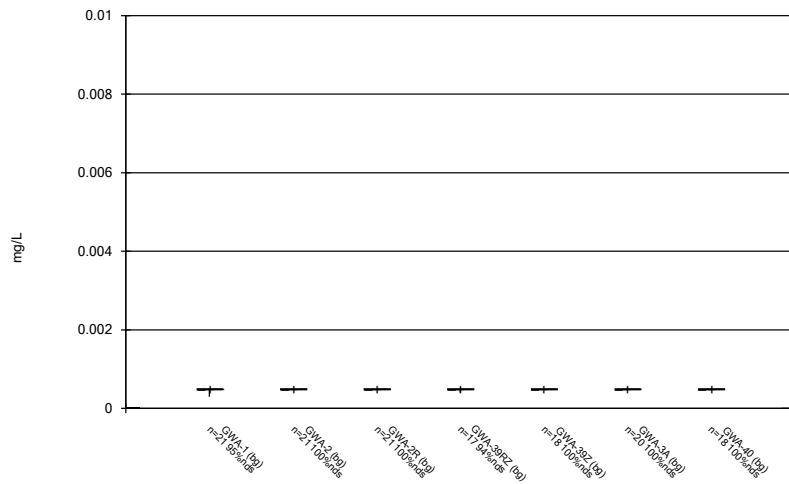
Constituent: Barium Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



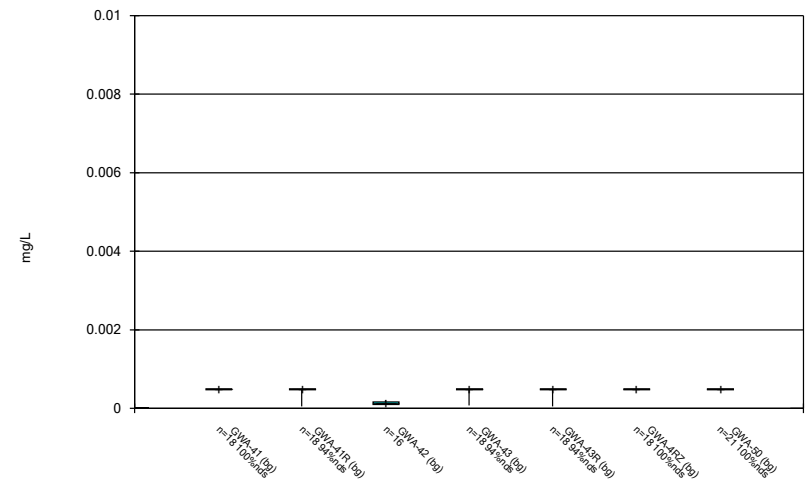
Constituent: Barium Analysis Run 4/1/2022 5:10 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



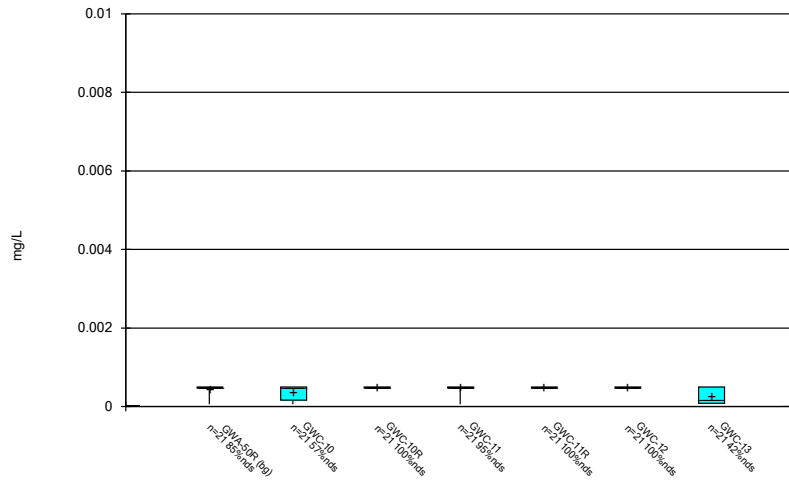
Constituent: Beryllium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



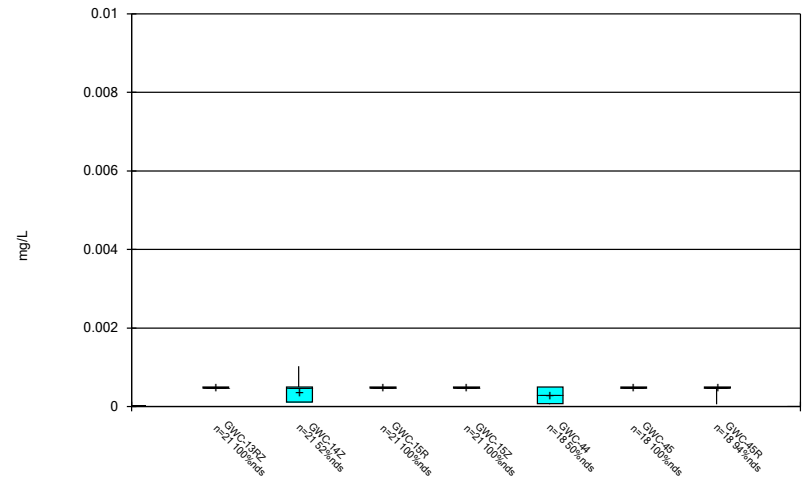
Constituent: Beryllium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



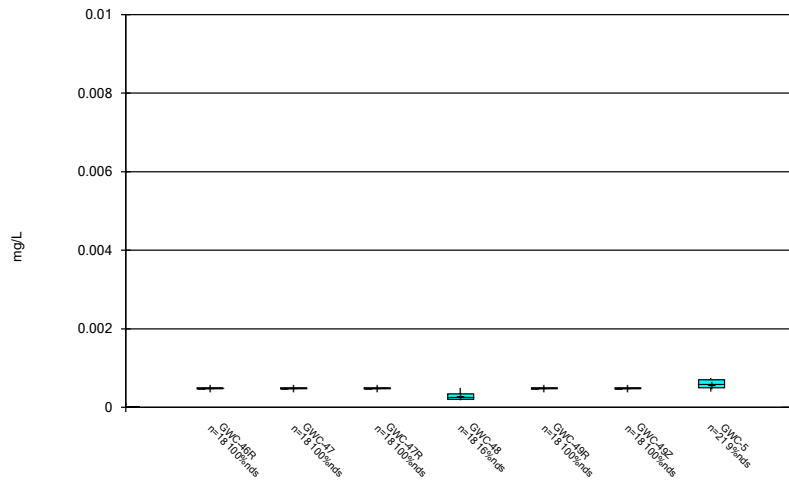
Constituent: Beryllium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



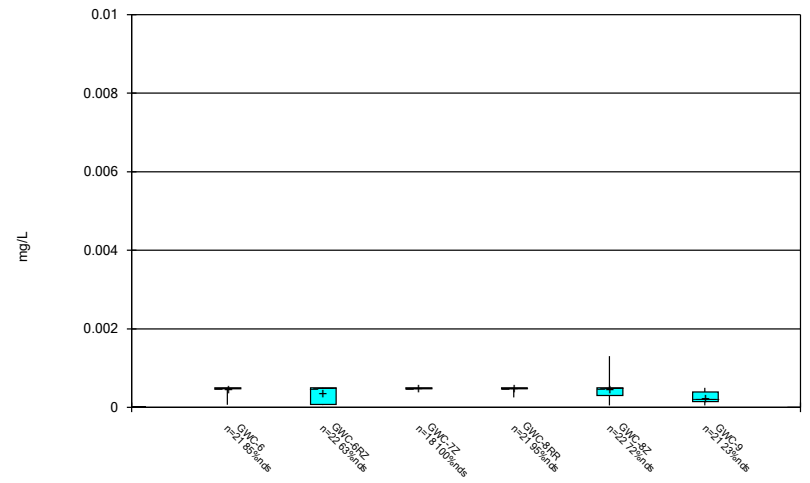
Constituent: Beryllium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



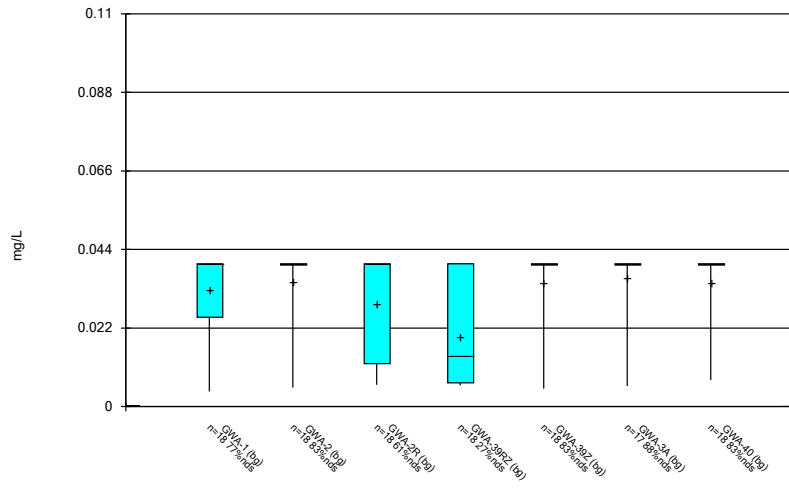
Constituent: Beryllium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



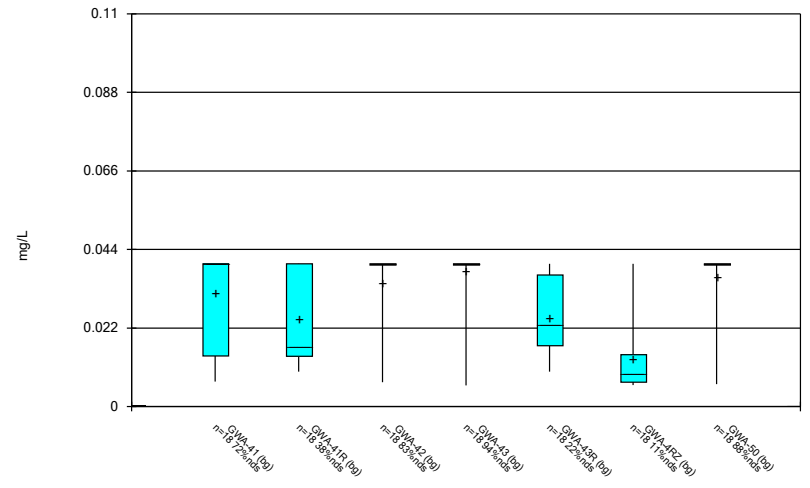
Constituent: Beryllium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



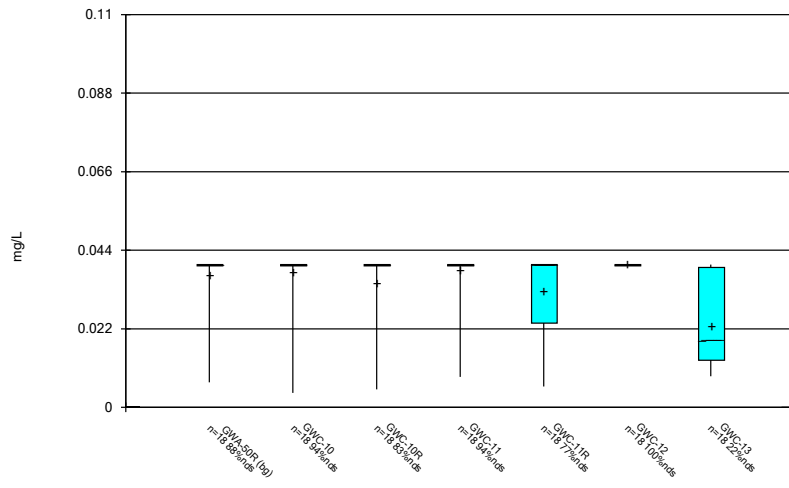
Constituent: Boron, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



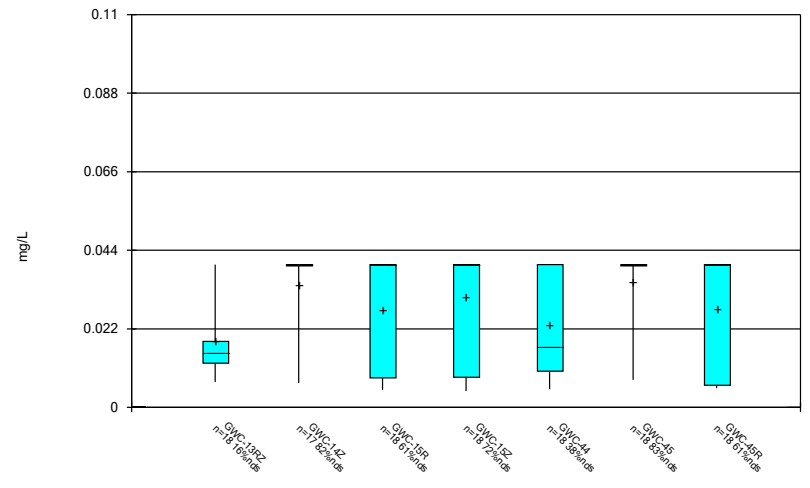
Constituent: Boron, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



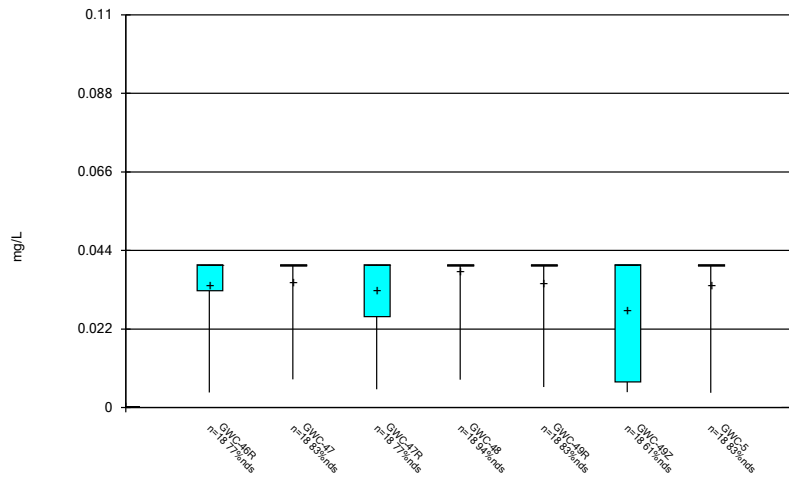
Constituent: Boron, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



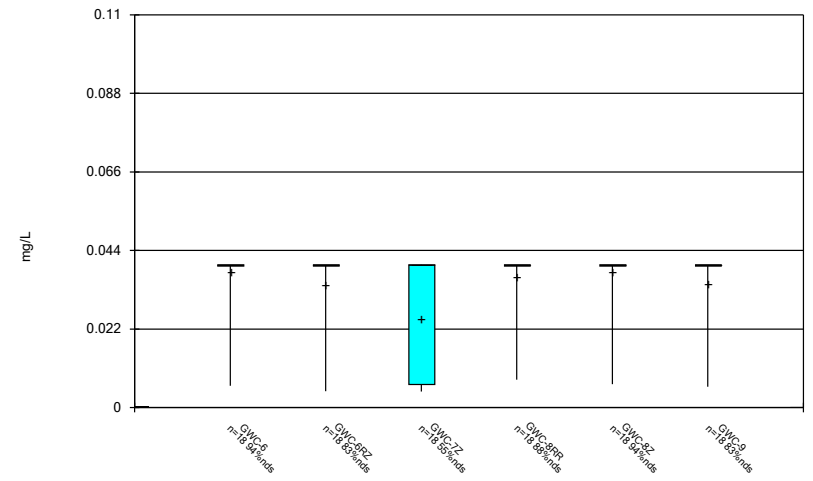
Constituent: Boron, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



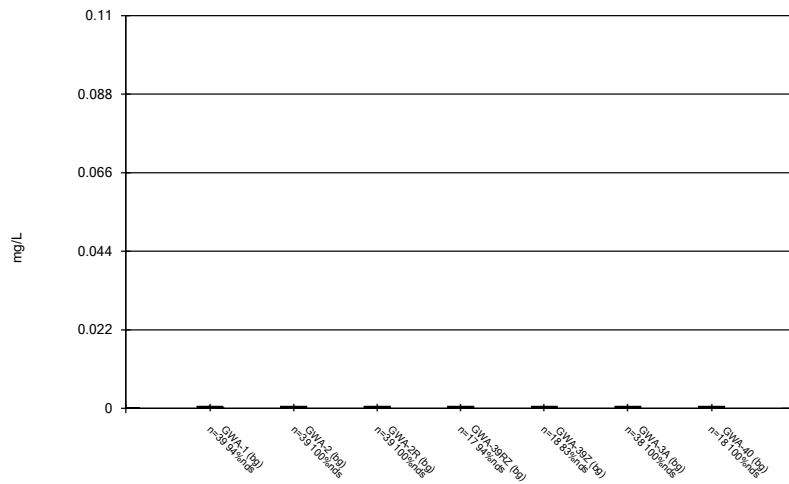
Constituent: Boron, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



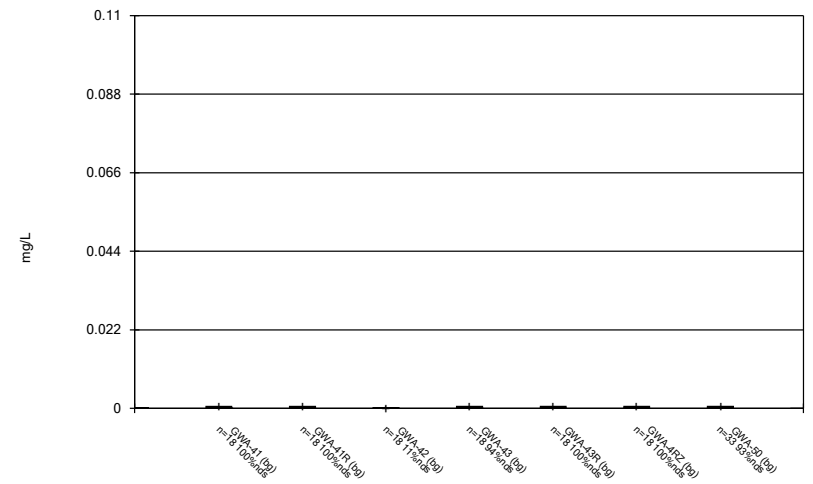
Constituent: Boron, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



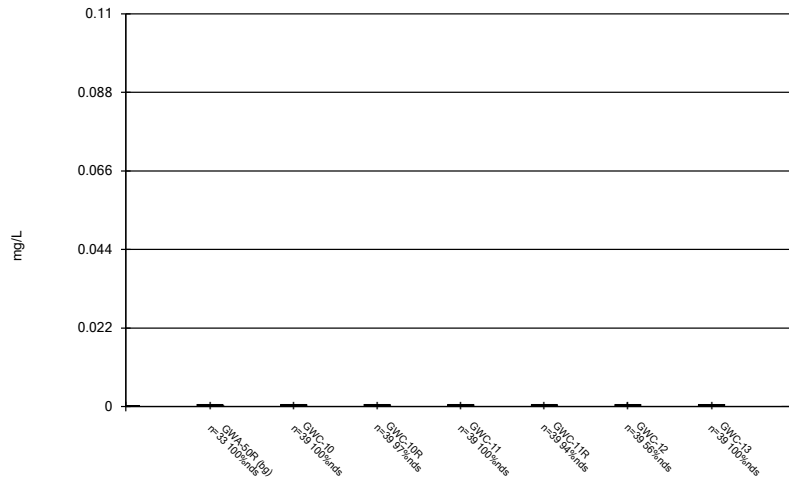
Constituent: Cadmium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



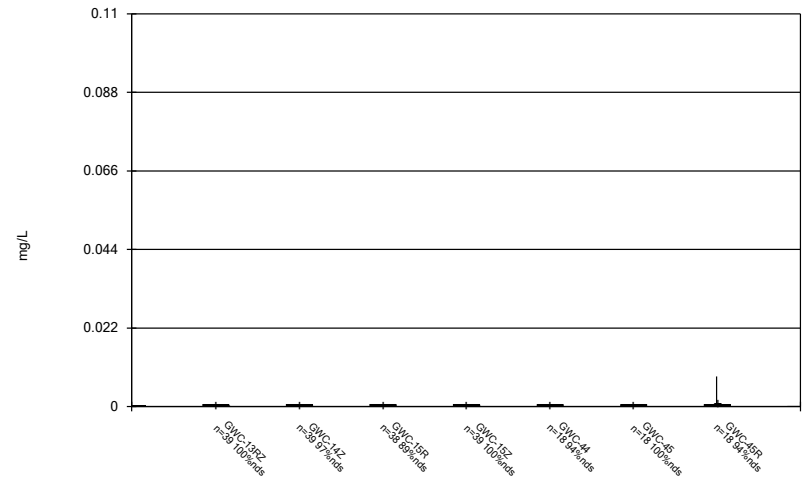
Constituent: Cadmium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



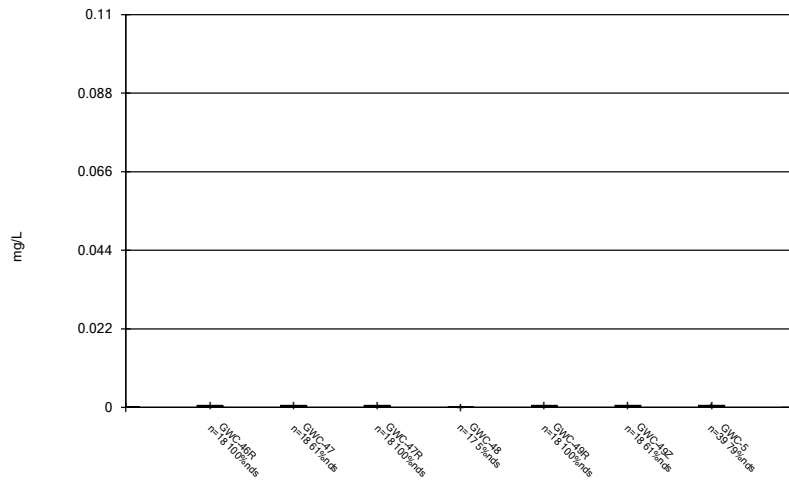
Constituent: Cadmium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



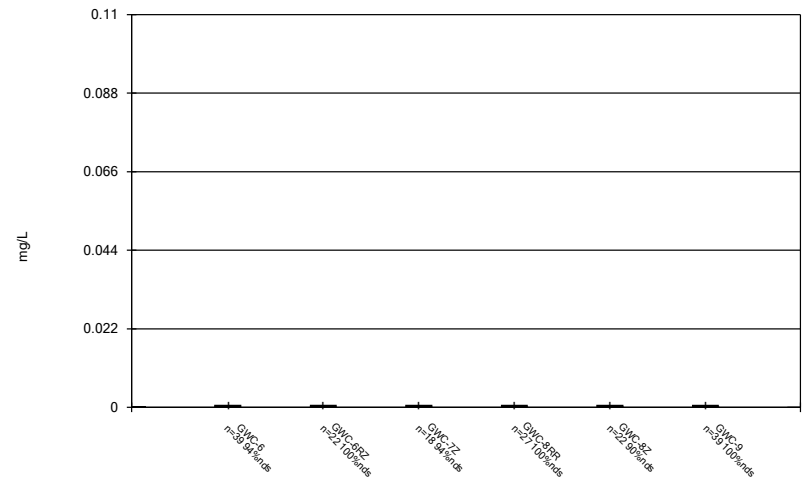
Constituent: Cadmium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



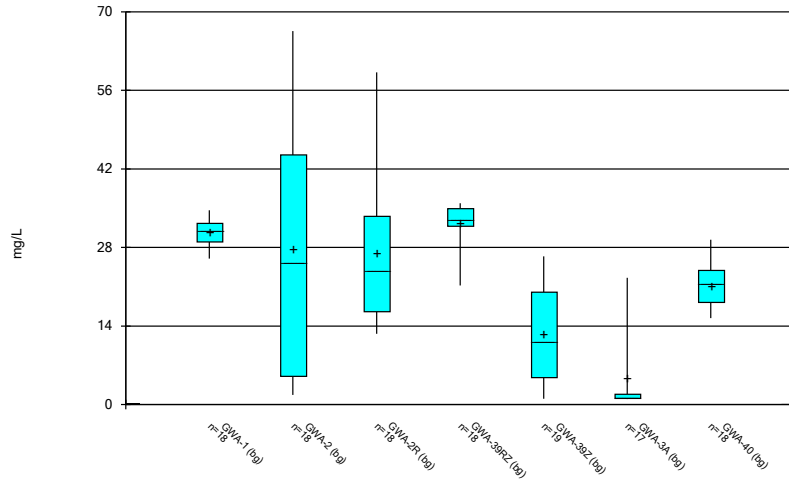
Constituent: Cadmium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



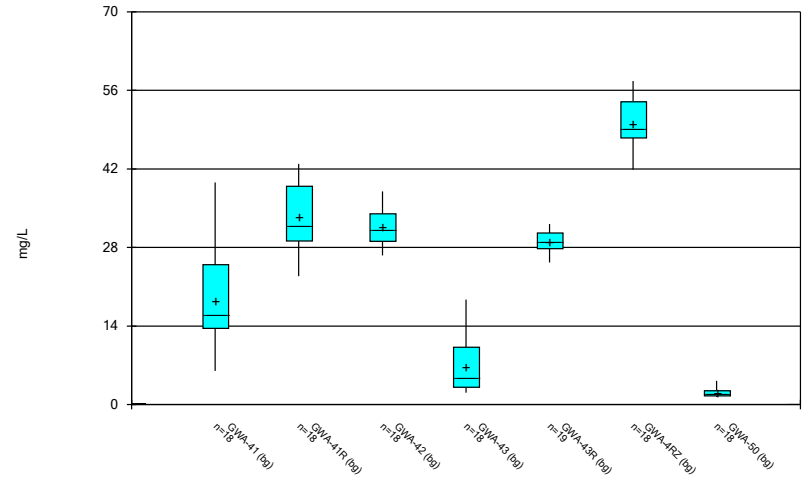
Constituent: Cadmium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



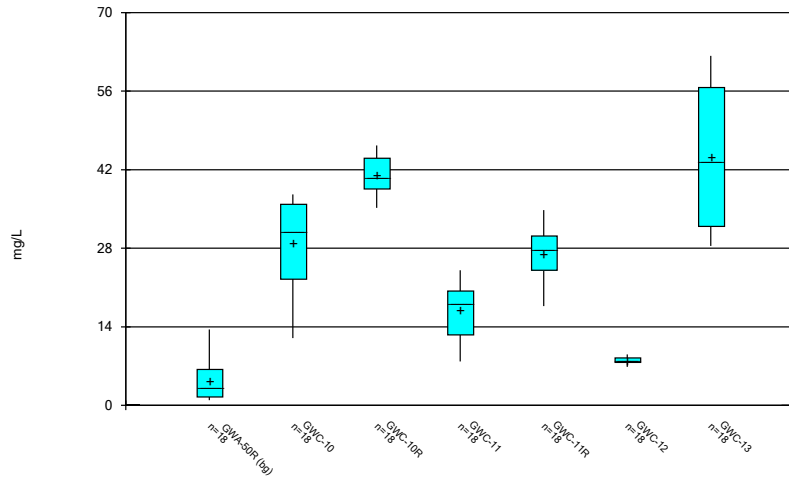
Constituent: Calcium, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



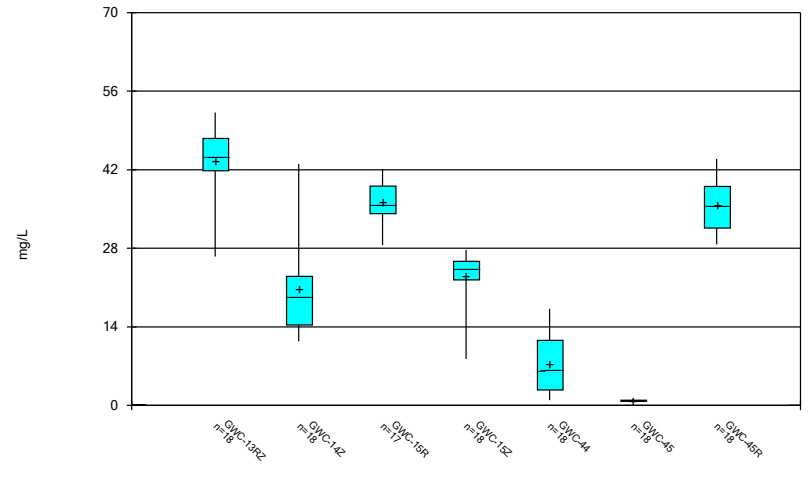
Constituent: Calcium, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



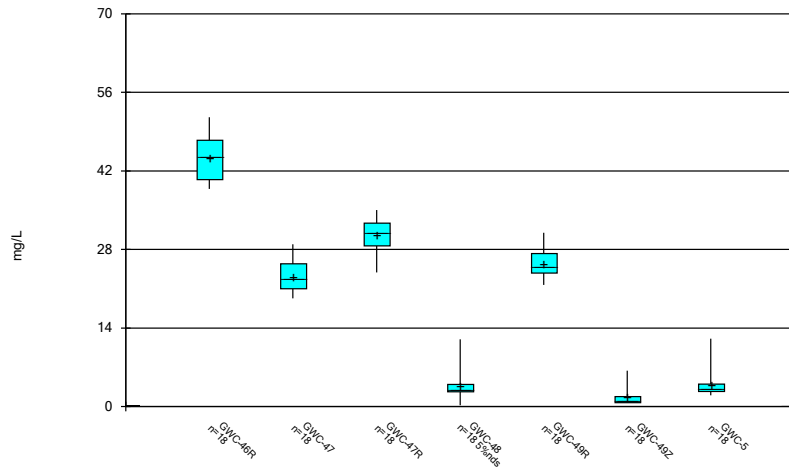
Constituent: Calcium, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



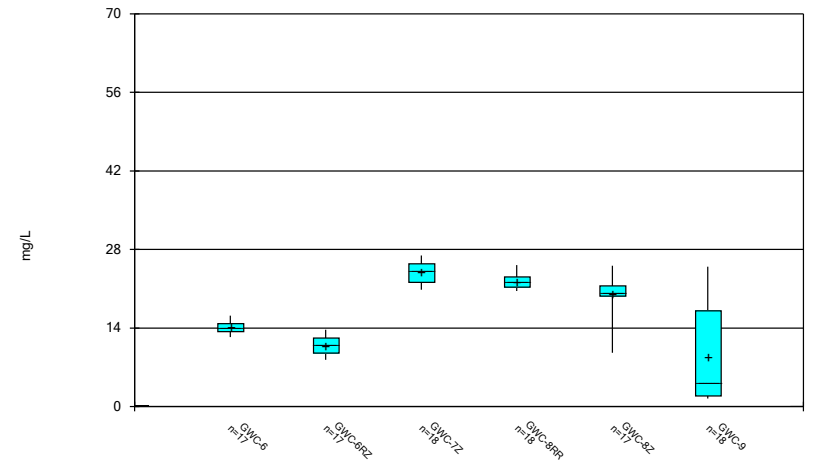
Constituent: Calcium, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



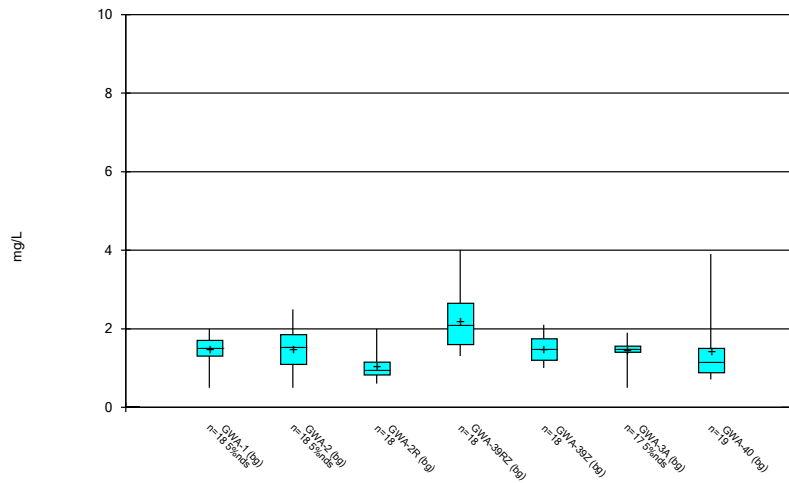
Constituent: Calcium, total Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



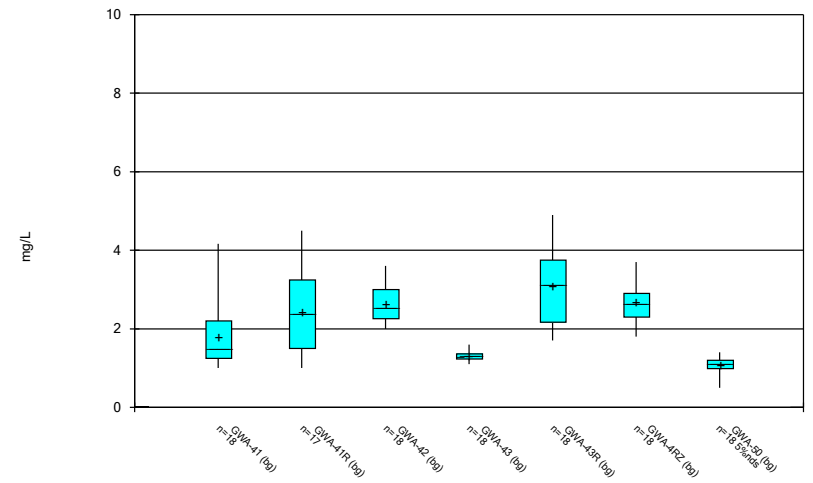
Constituent: Calcium, total Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



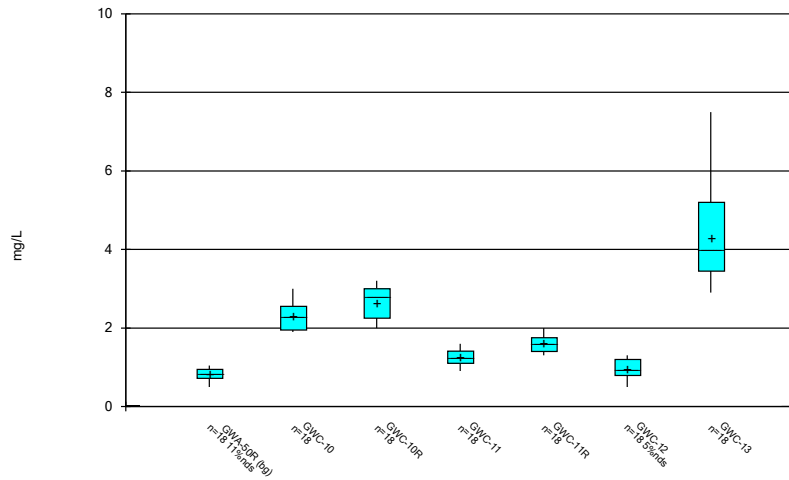
Constituent: Chloride, Total Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



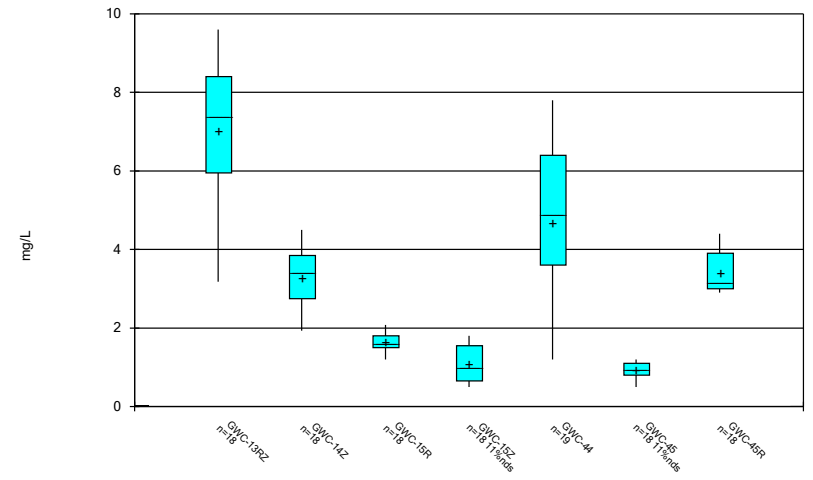
Constituent: Chloride, Total Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



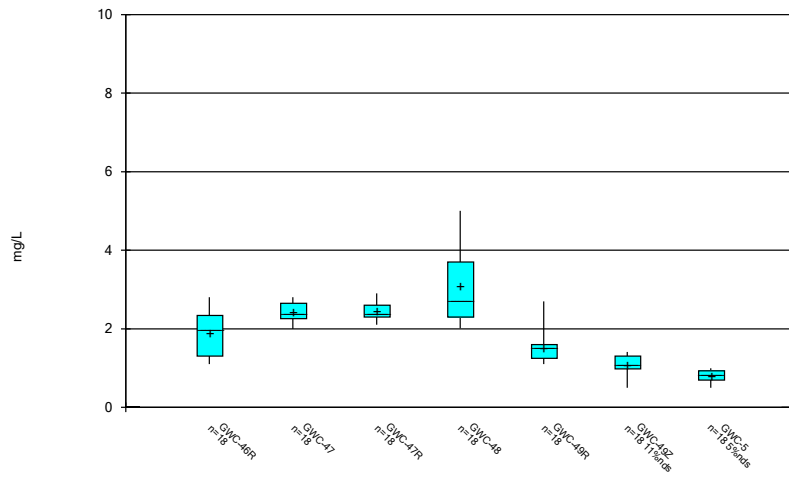
Constituent: Chloride, Total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



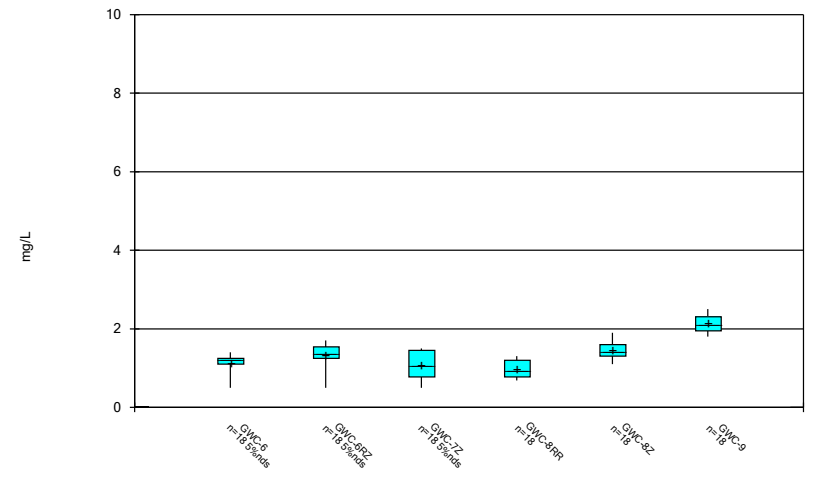
Constituent: Chloride, Total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



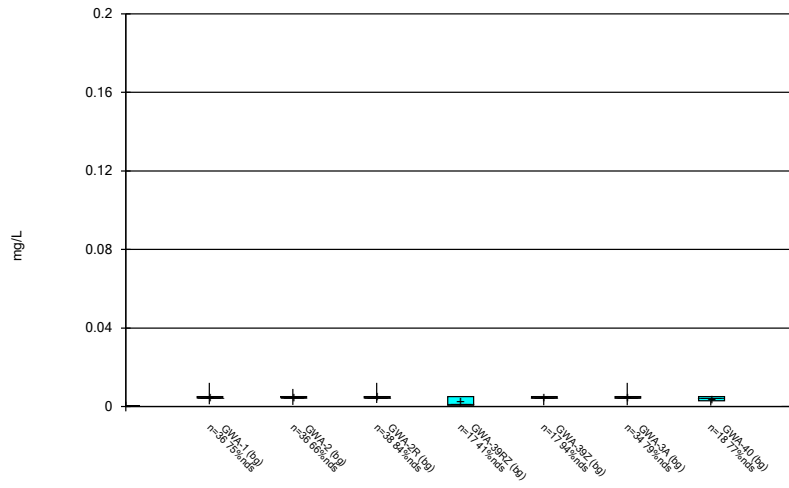
Constituent: Chloride, Total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



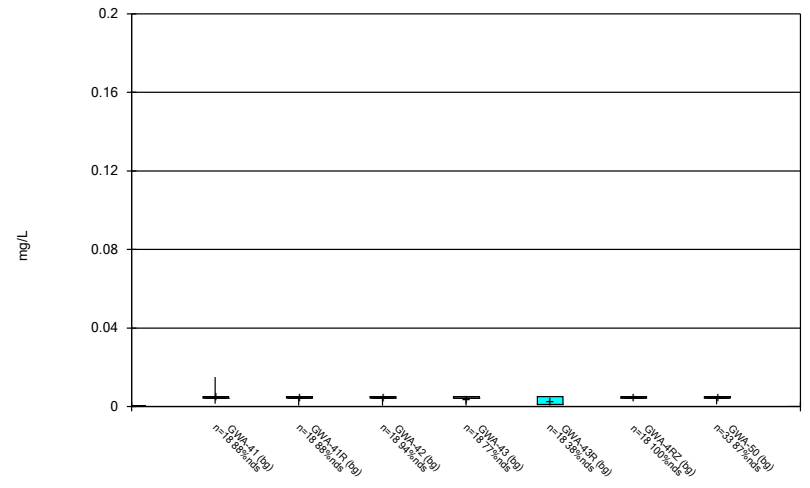
Constituent: Chloride, Total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



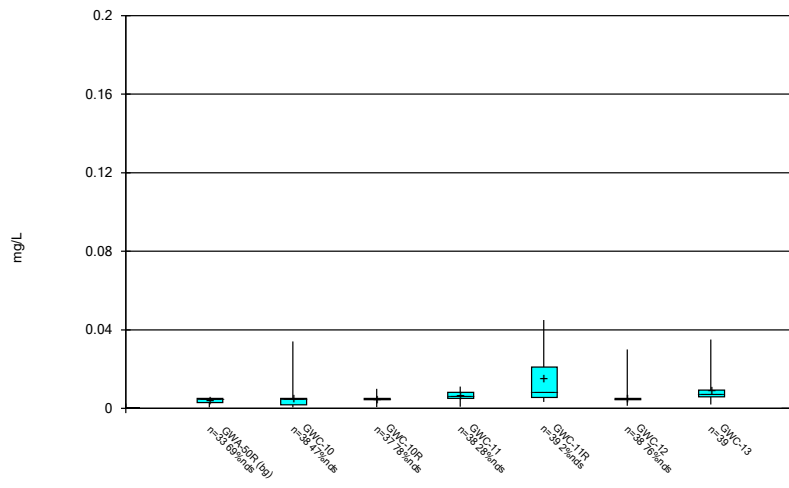
Constituent: Chromium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



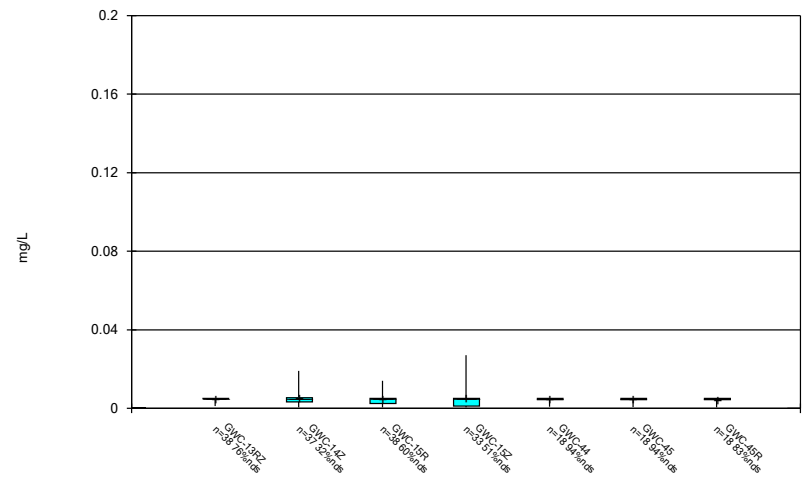
Constituent: Chromium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



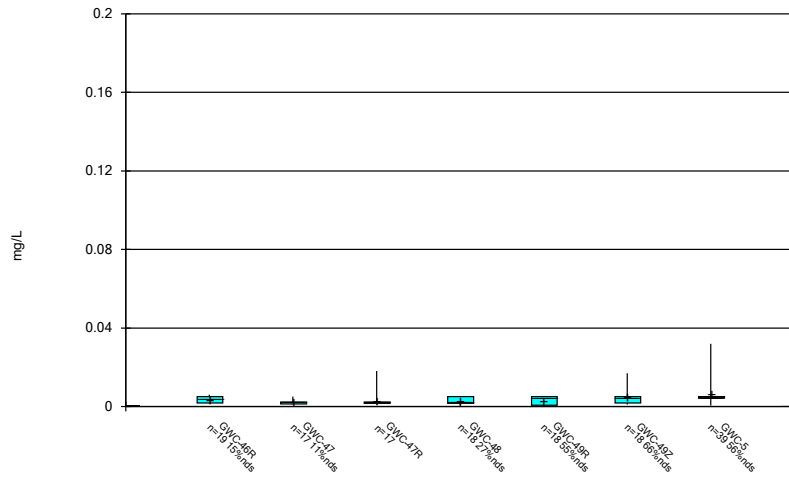
Constituent: Chromium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



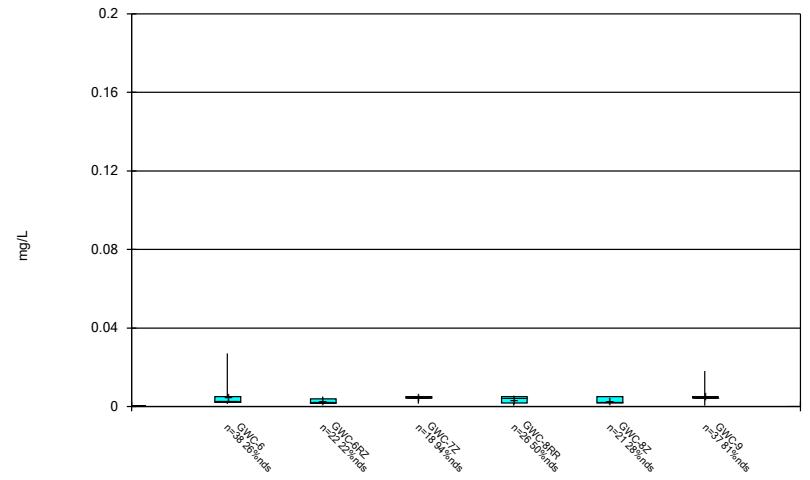
Constituent: Chromium Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



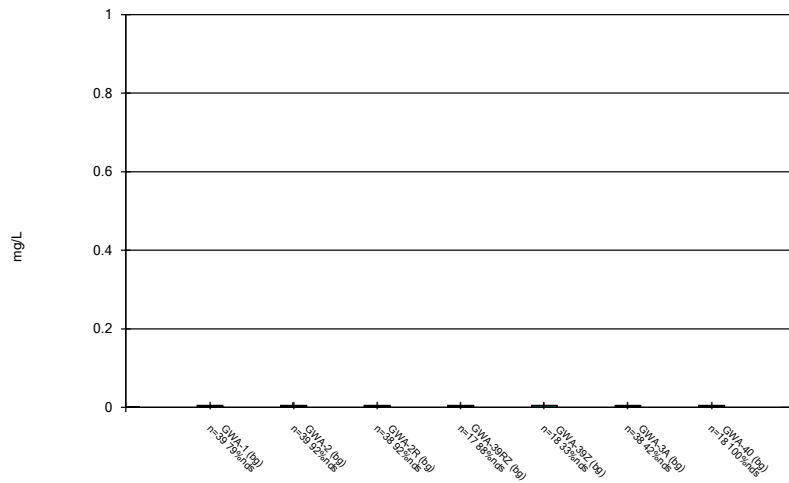
Constituent: Chromium Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



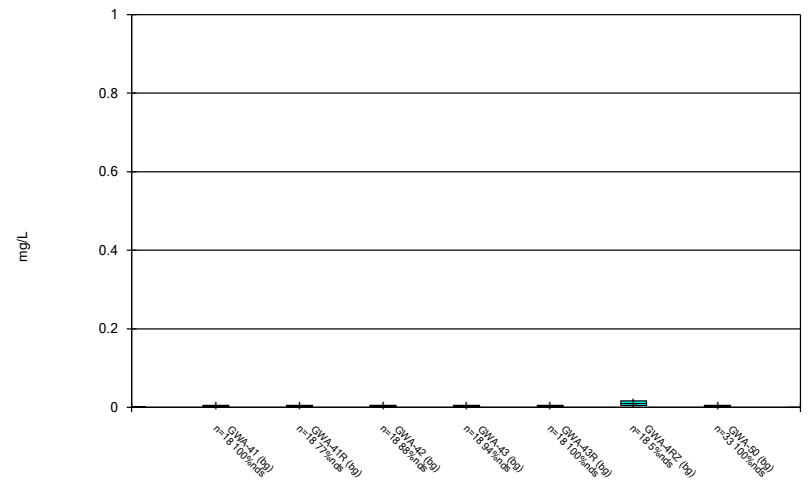
Constituent: Chromium Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



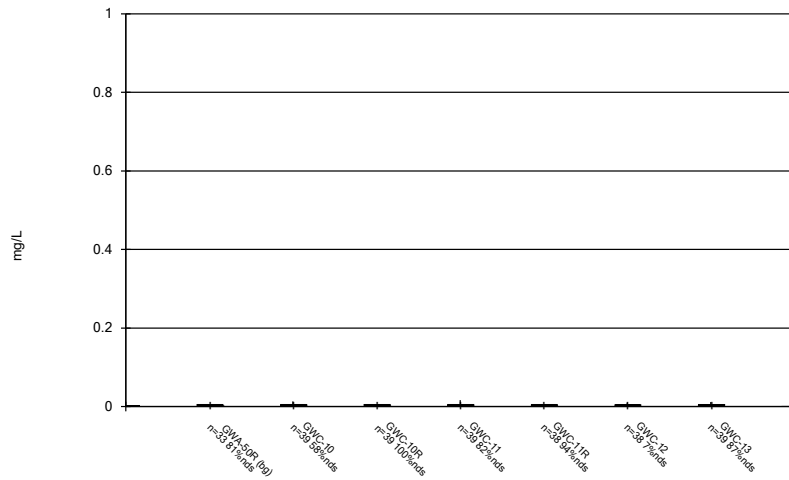
Constituent: Cobalt Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



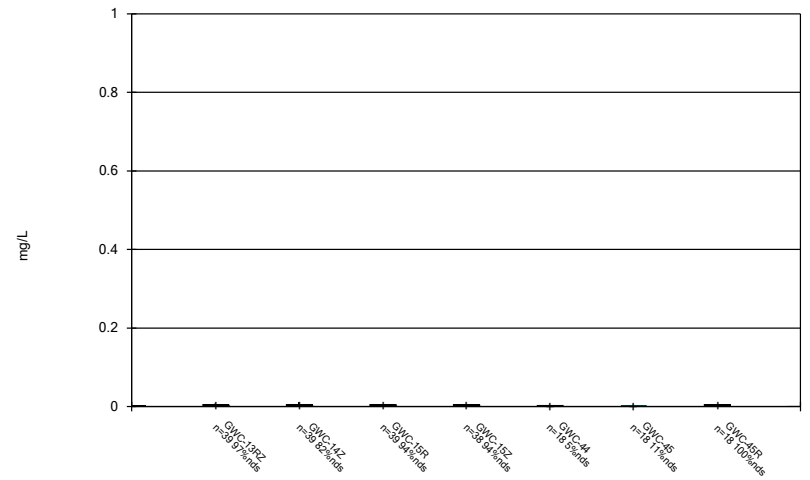
Constituent: Cobalt Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



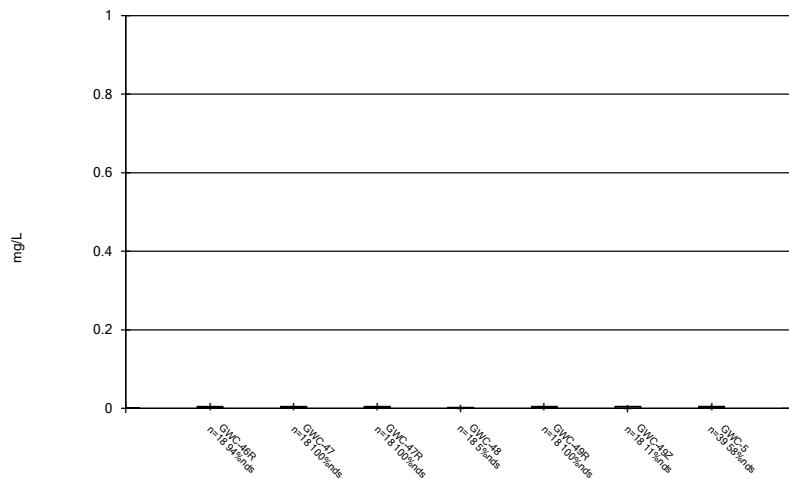
Constituent: Cobalt Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



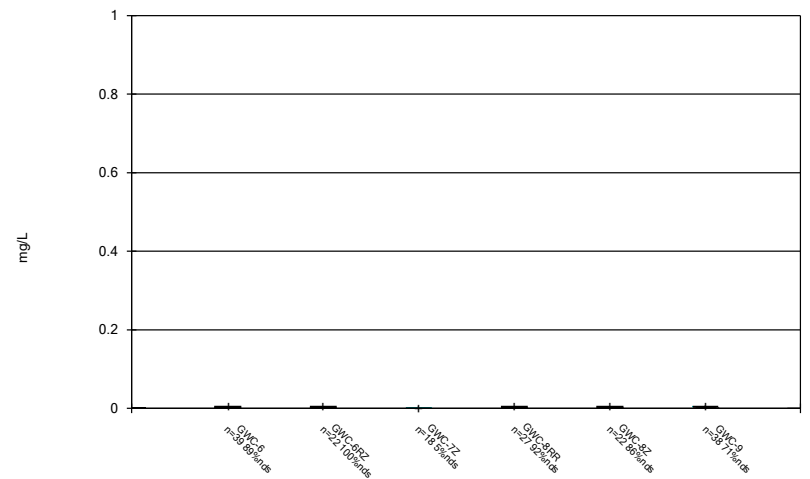
Constituent: Cobalt Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



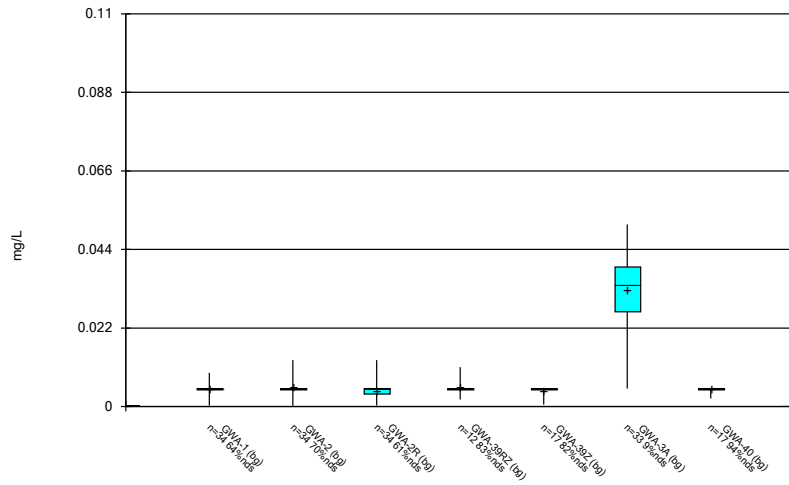
Constituent: Cobalt Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



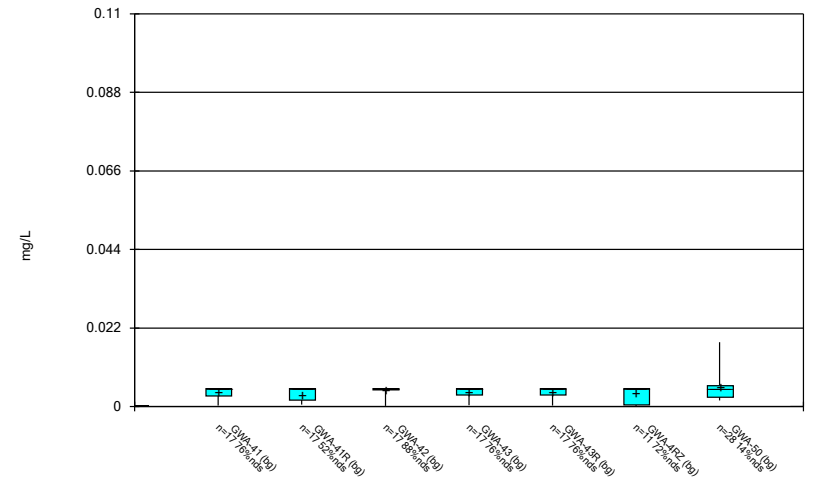
Constituent: Cobalt Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



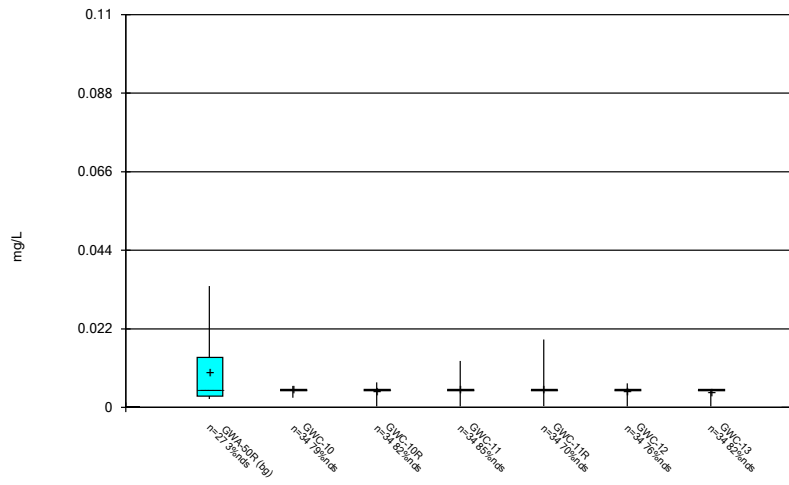
Constituent: Copper Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



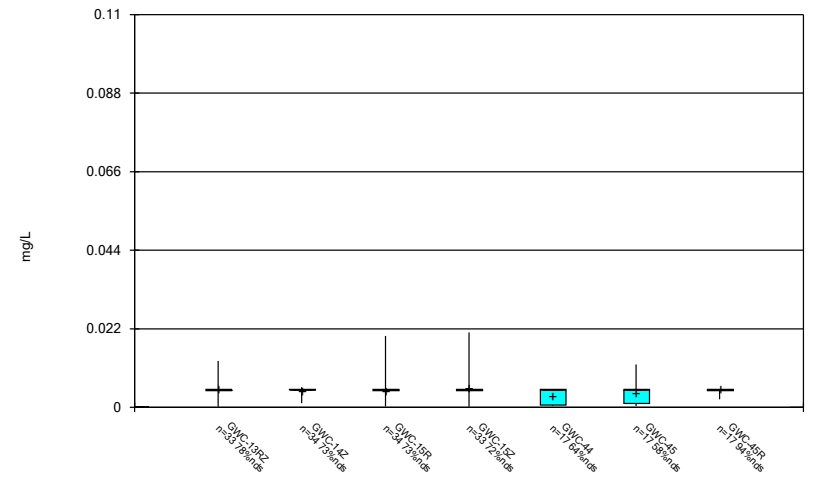
Constituent: Copper Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



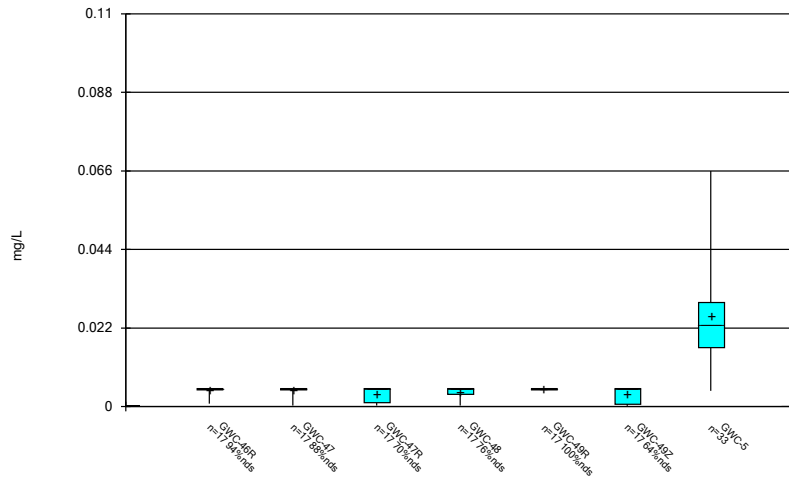
Constituent: Copper Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



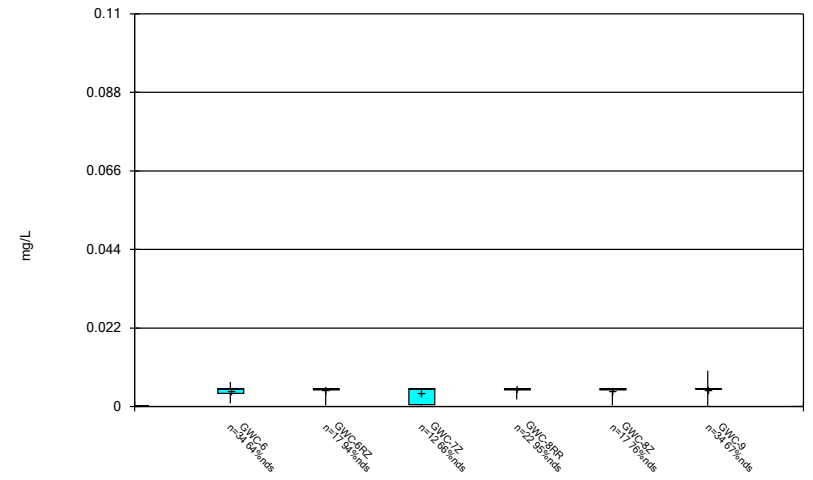
Constituent: Copper Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



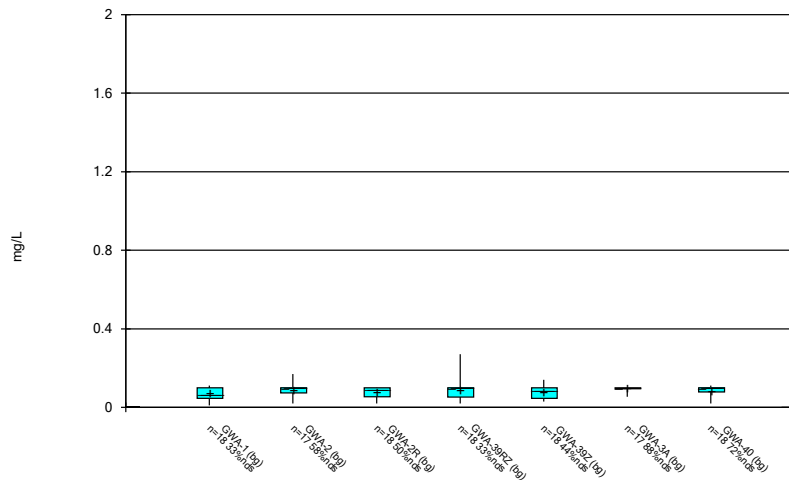
Constituent: Copper Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



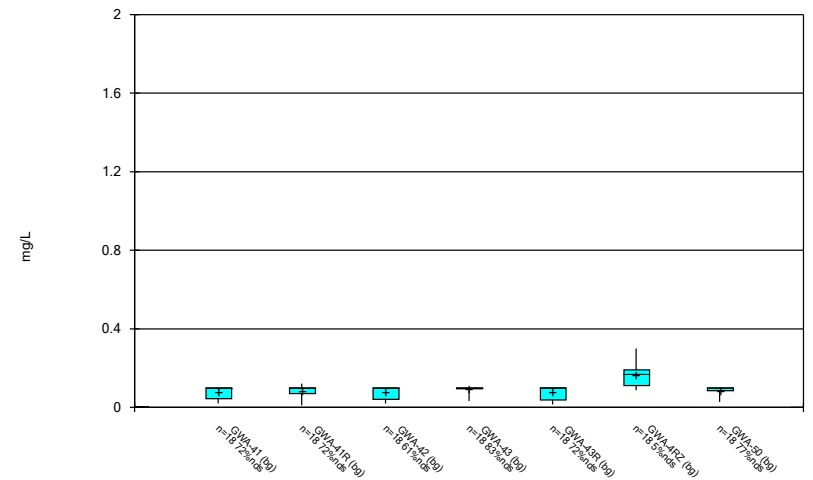
Constituent: Copper Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



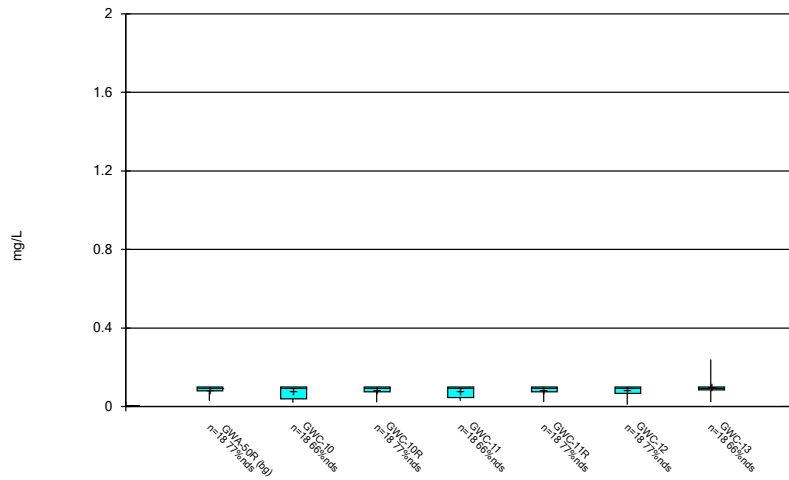
Constituent: Fluoride, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



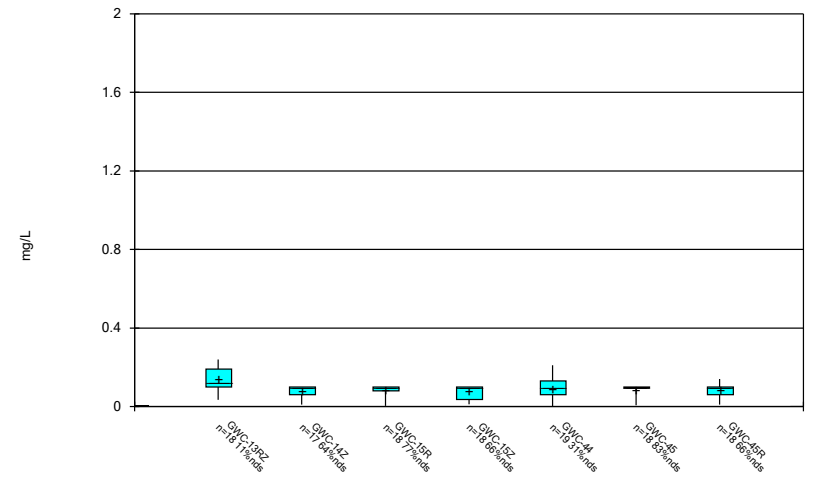
Constituent: Fluoride, total Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



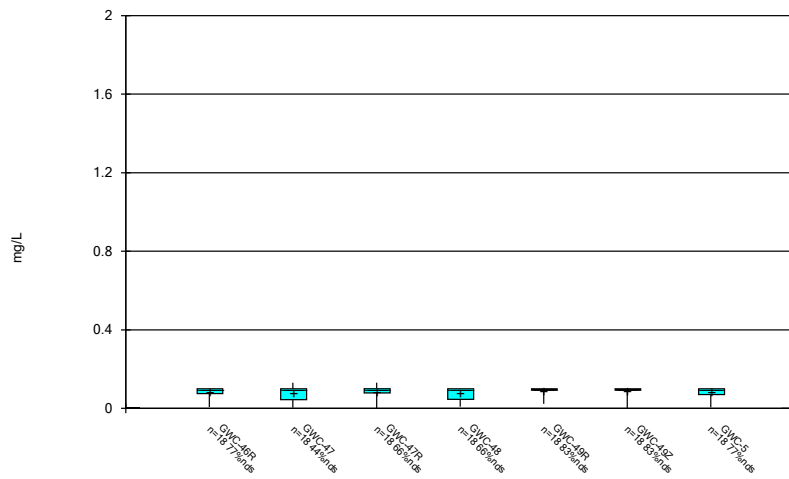
Constituent: Fluoride, total Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



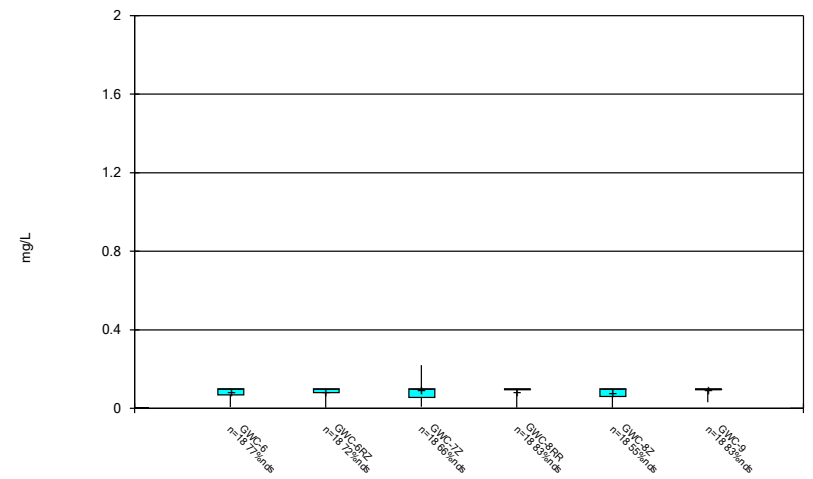
Constituent: Fluoride, total Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



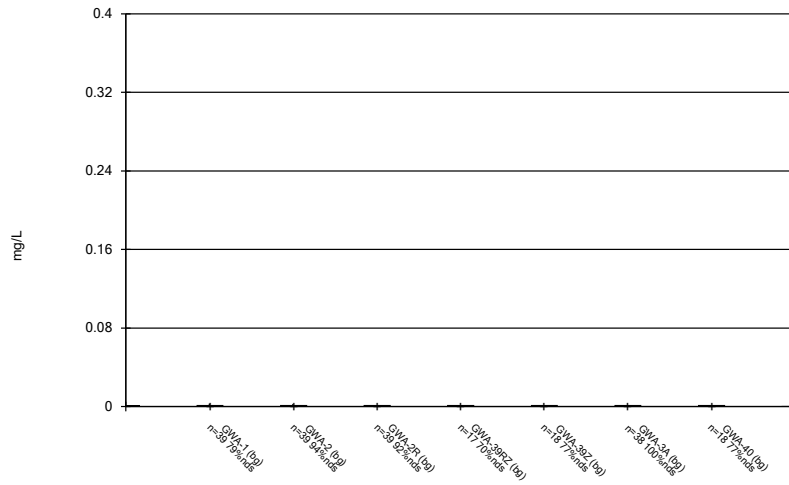
Constituent: Fluoride, total Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



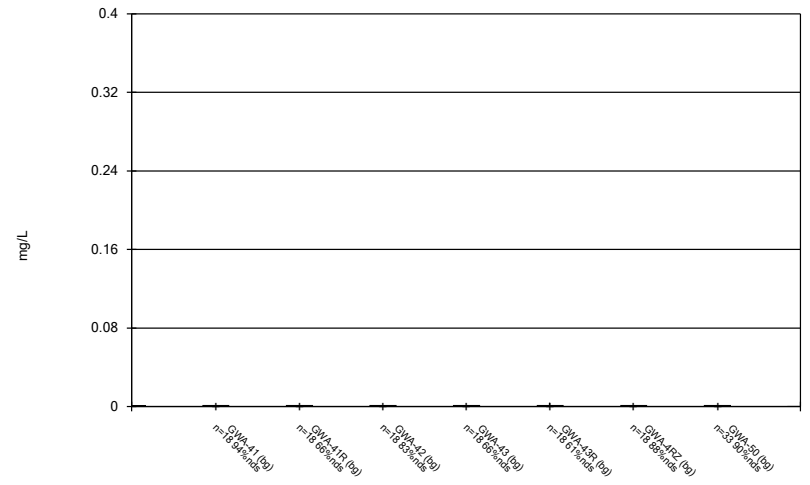
Constituent: Fluoride, total Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



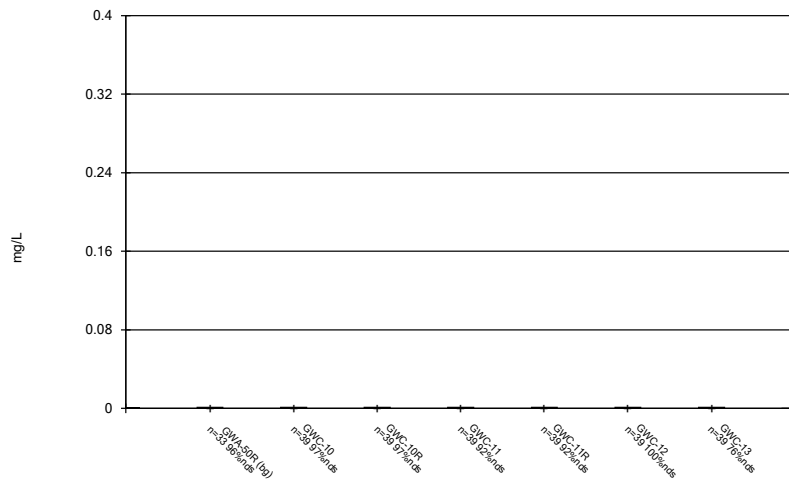
Constituent: Lead Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



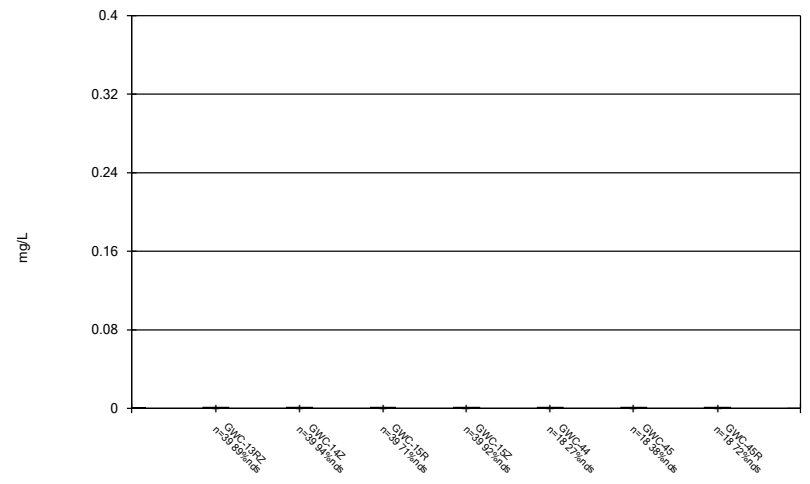
Constituent: Lead Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



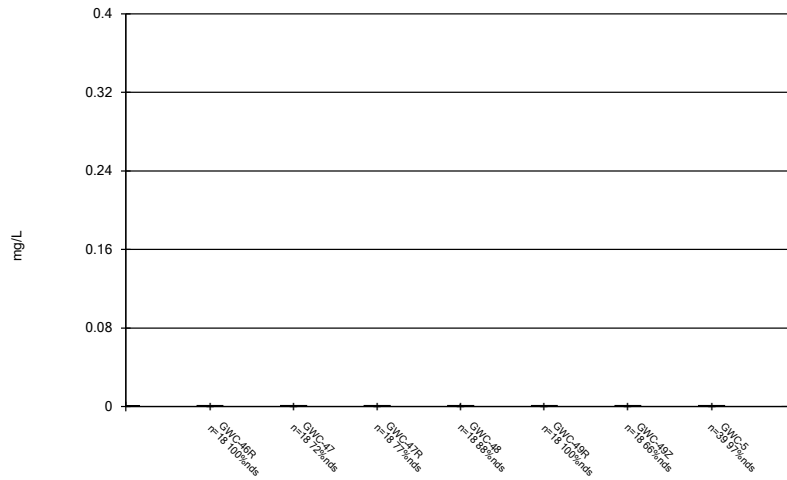
Constituent: Lead Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



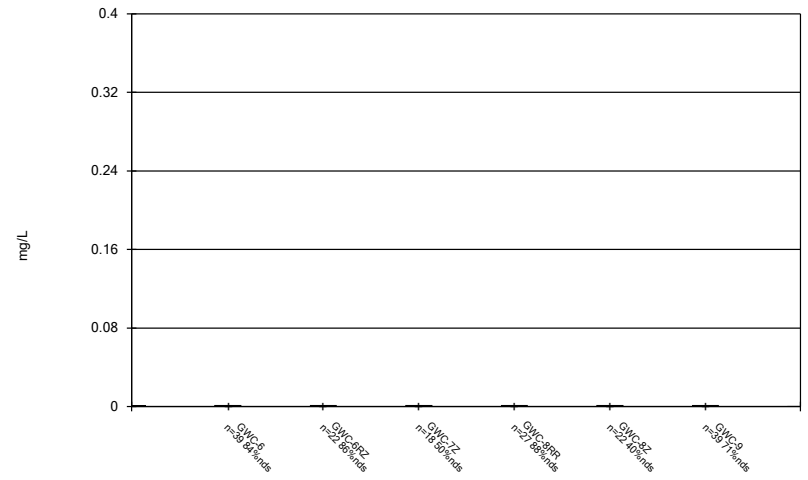
Constituent: Lead Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



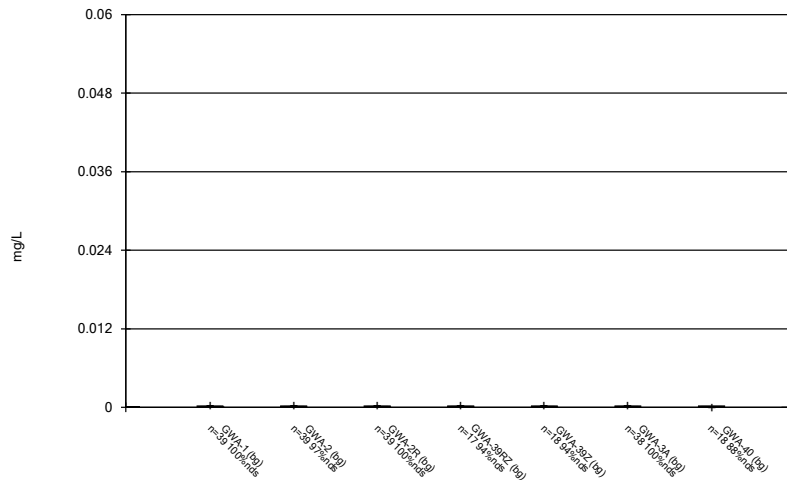
Constituent: Lead Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



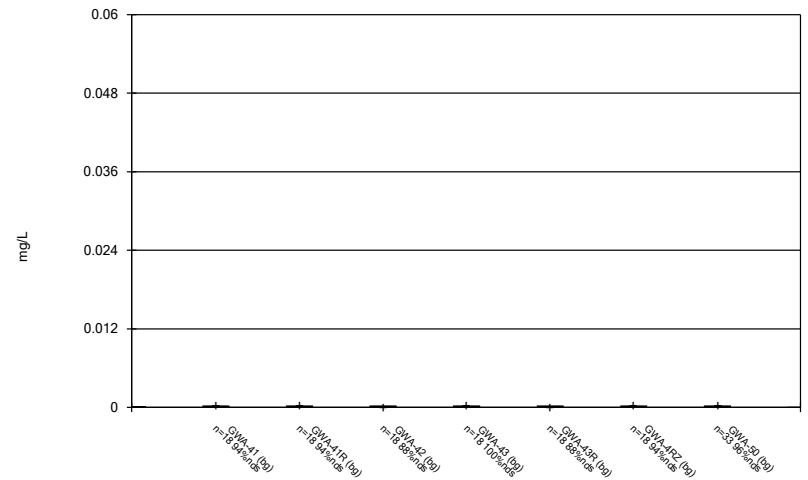
Constituent: Lead Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



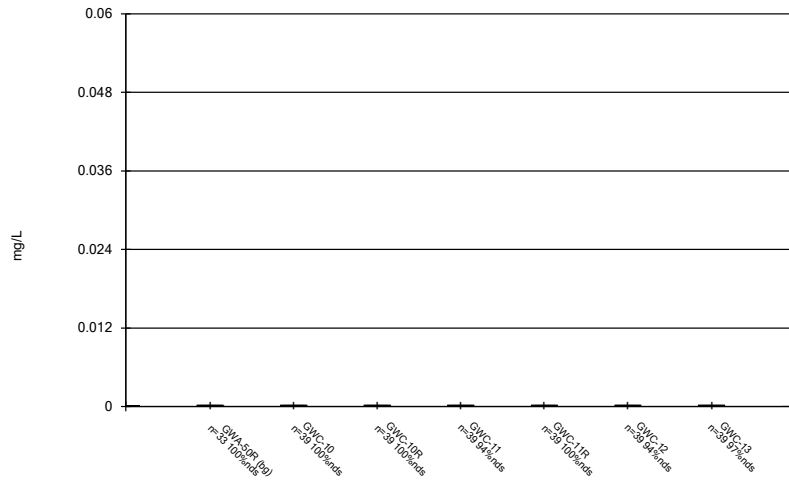
Constituent: Mercury Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



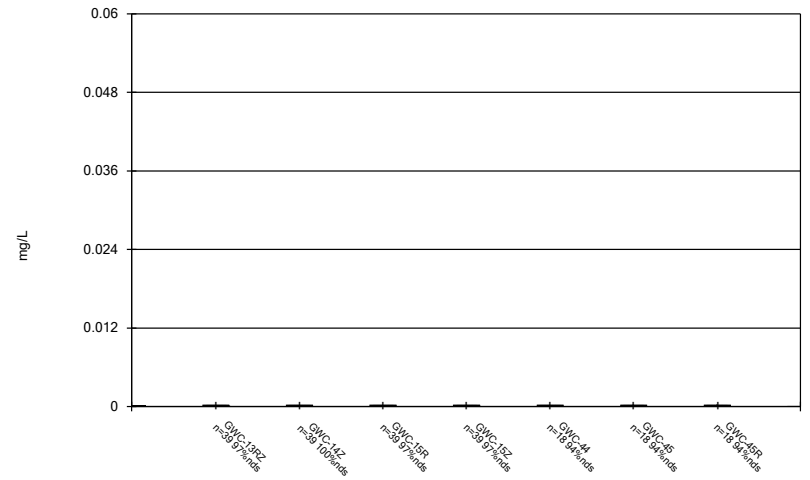
Constituent: Mercury Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



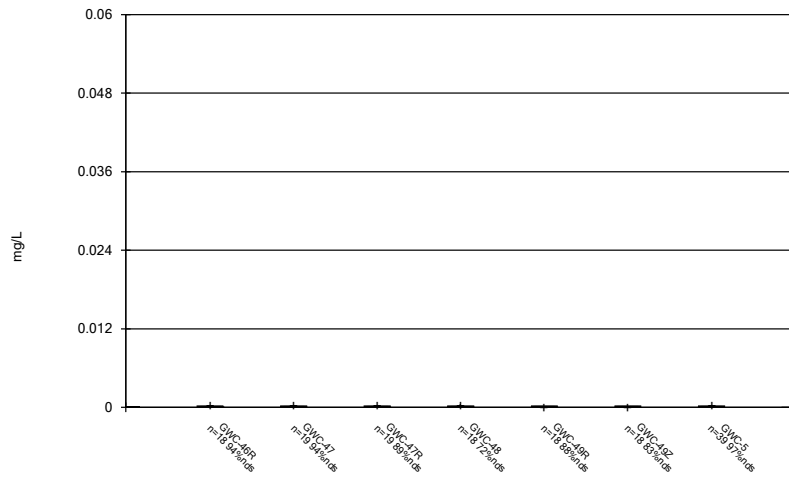
Constituent: Mercury Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



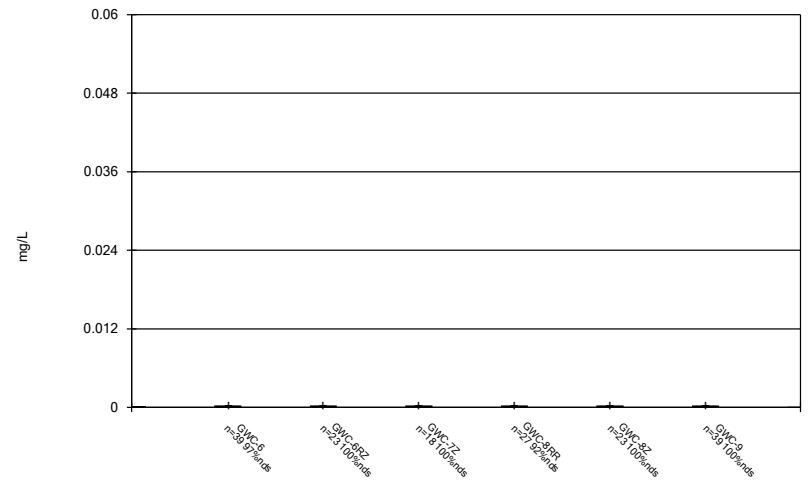
Constituent: Mercury Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



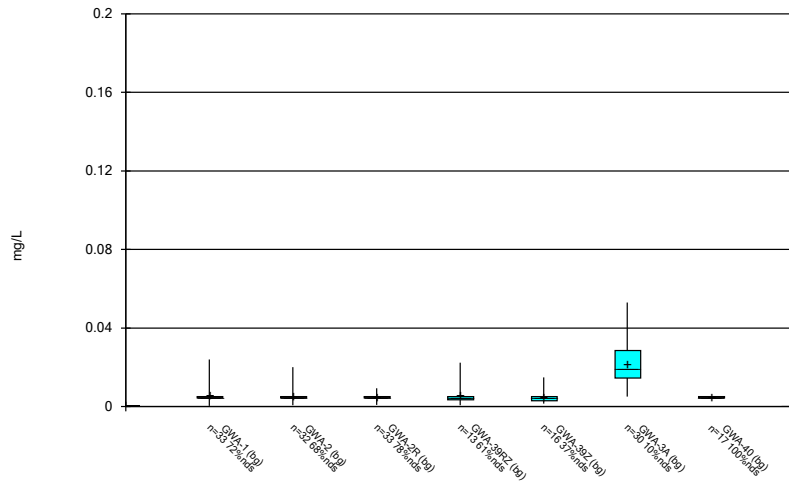
Constituent: Mercury Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



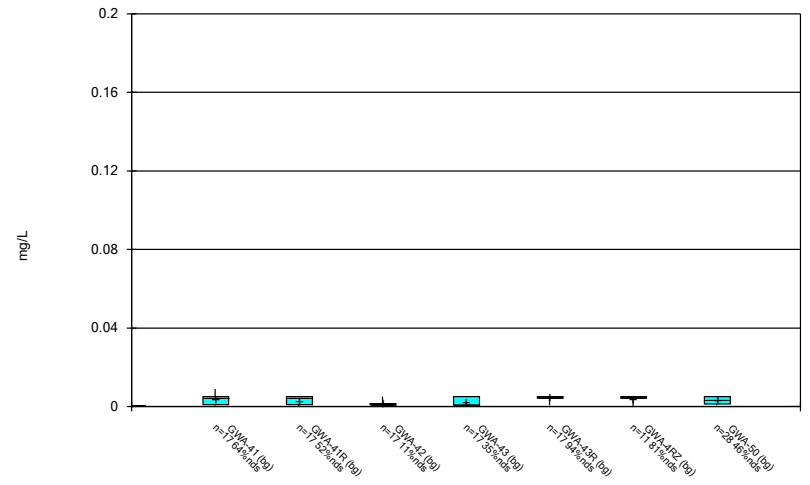
Constituent: Mercury Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



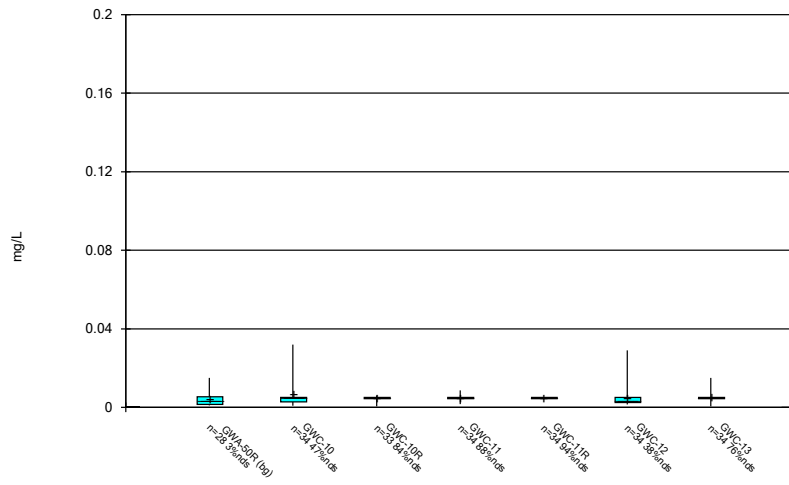
Constituent: Nickel Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



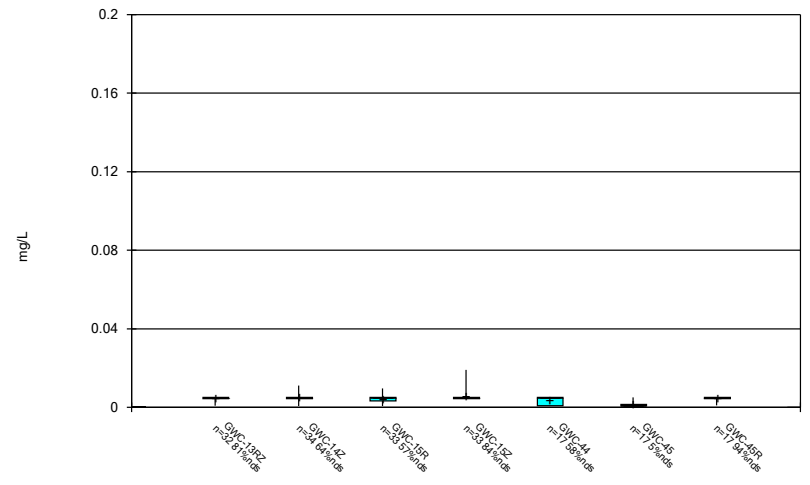
Constituent: Nickel Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



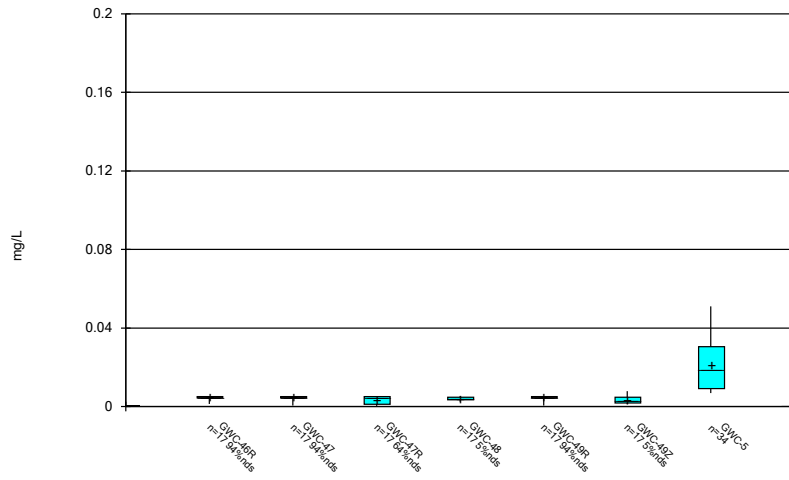
Constituent: Nickel Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



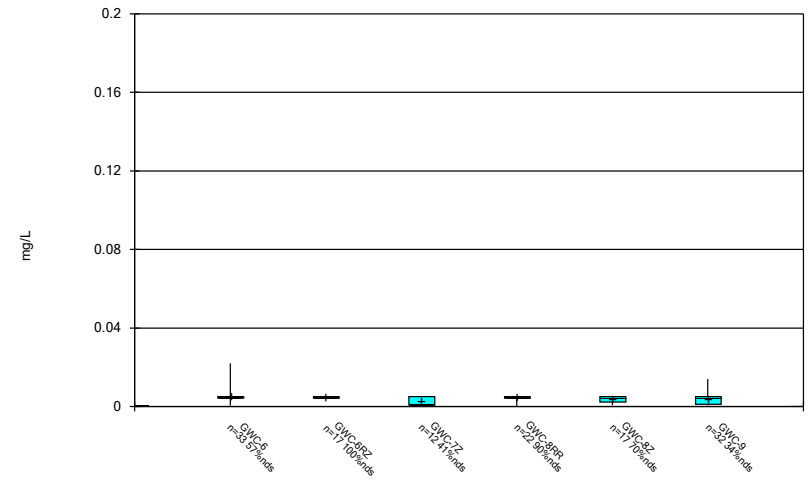
Constituent: Nickel Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



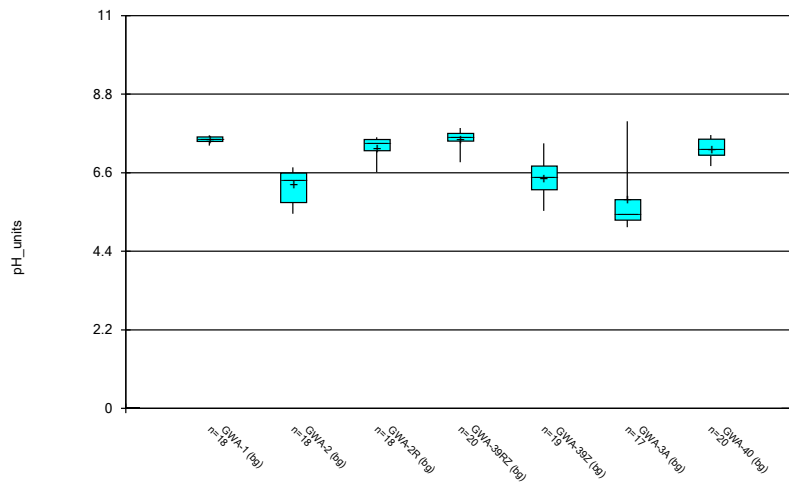
Constituent: Nickel Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



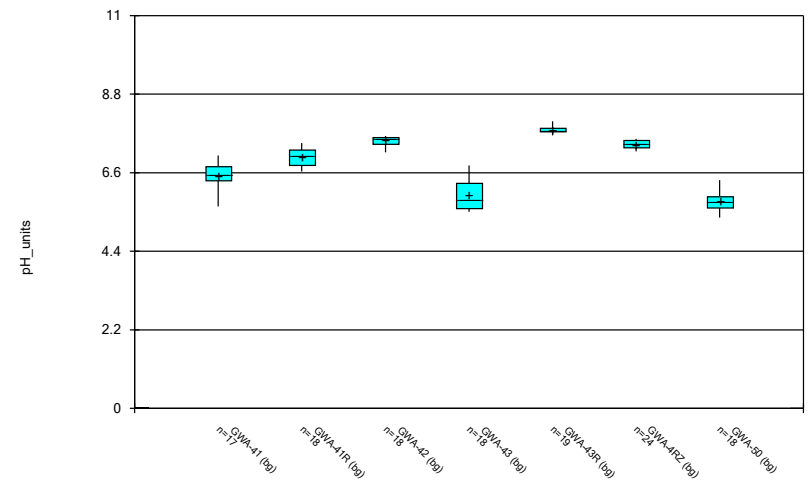
Constituent: Nickel Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



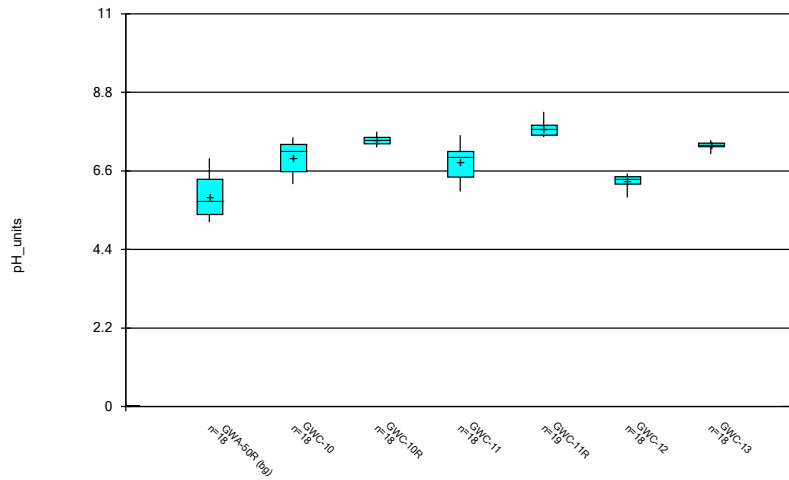
Constituent: pH Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



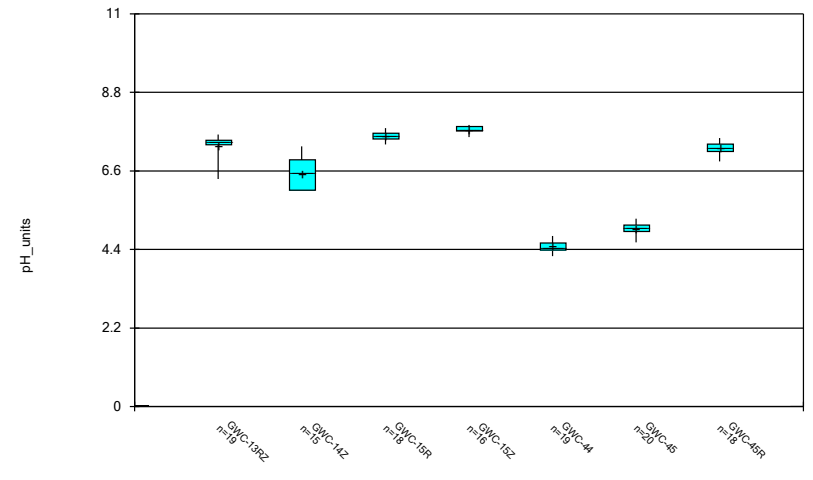
Constituent: pH Analysis Run 4/1/2022 5:11 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



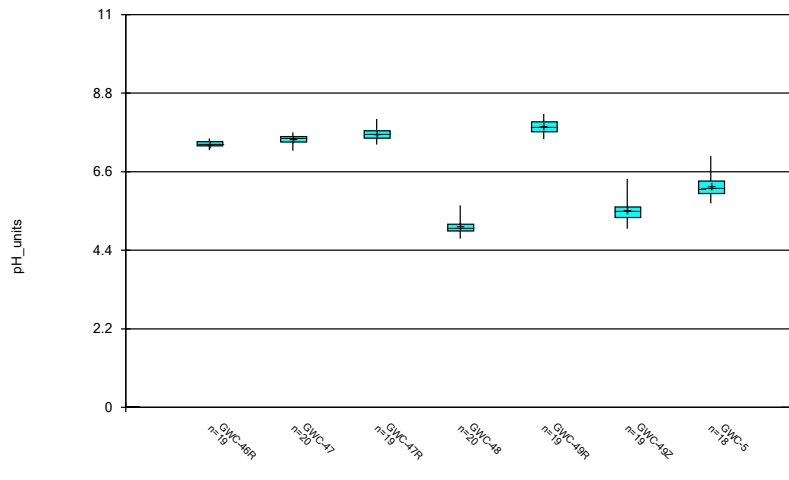
Constituent: pH Analysis Run 4/1/2022 5:11 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



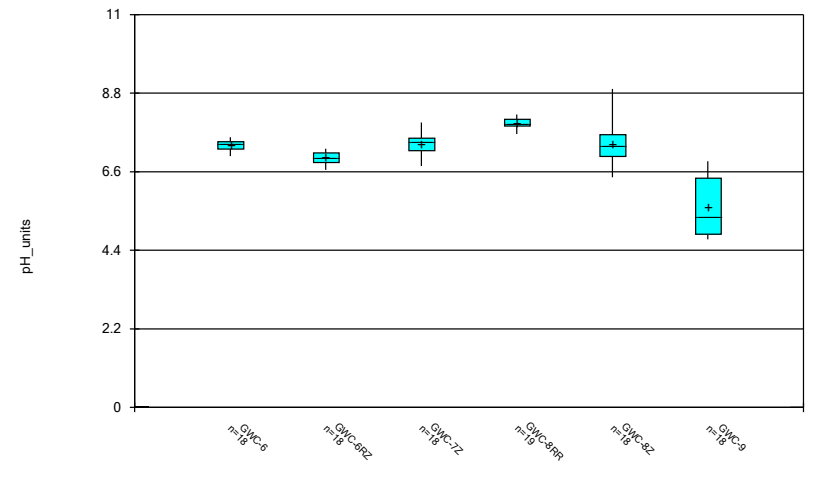
Constituent: pH Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



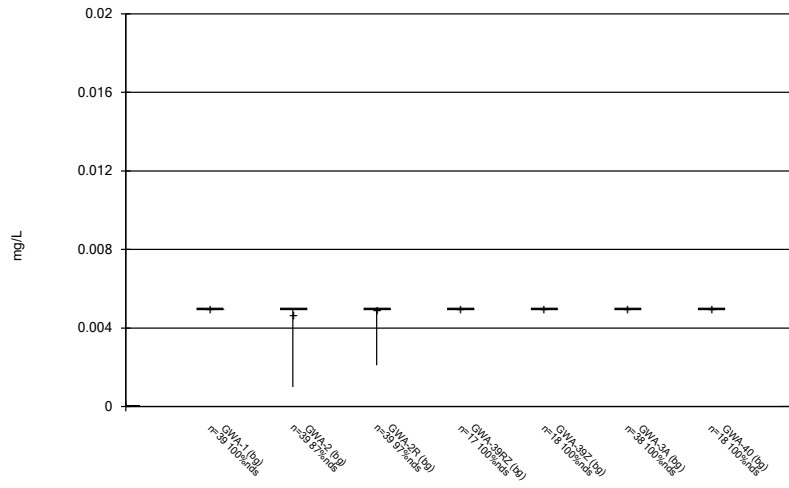
Constituent: pH Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



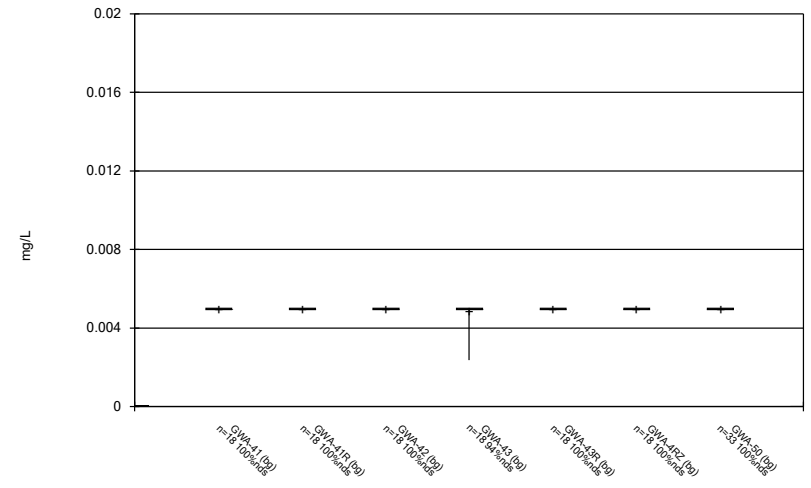
Constituent: pH Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



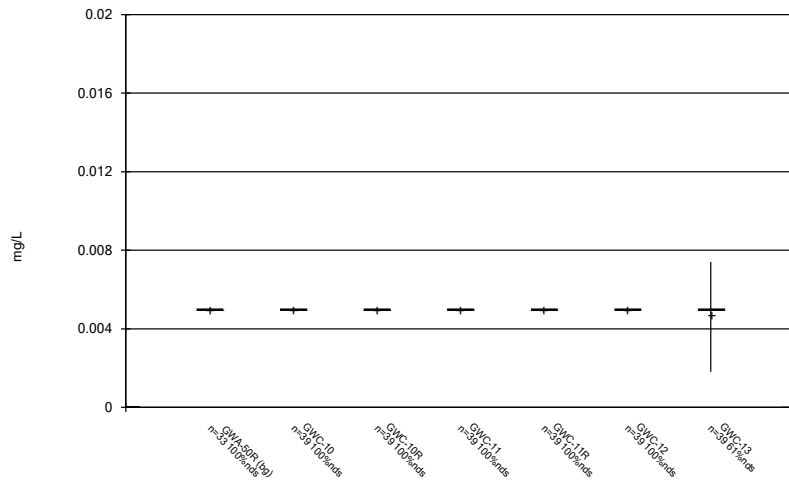
Constituent: Selenium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



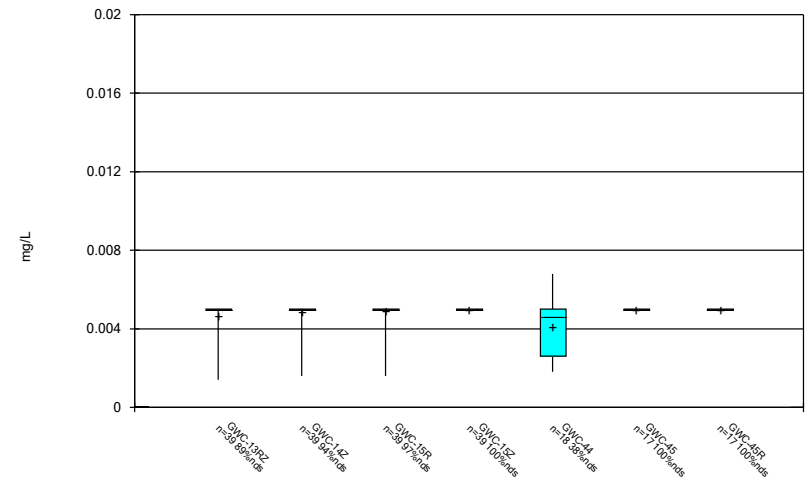
Constituent: Selenium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



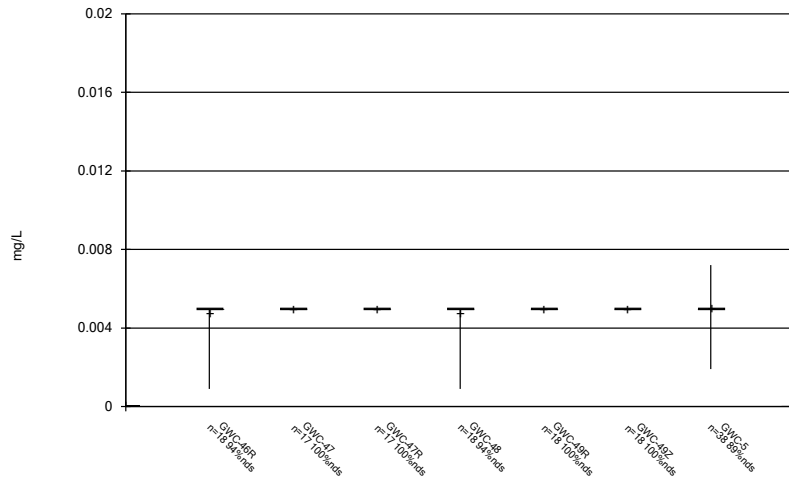
Constituent: Selenium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



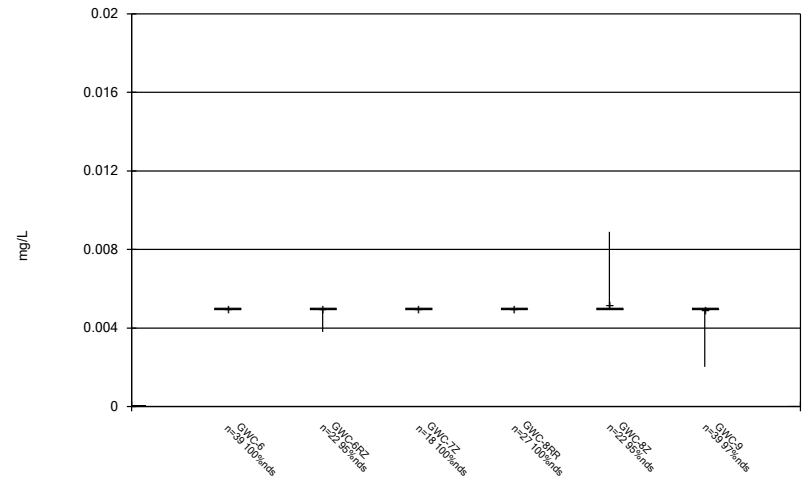
Constituent: Selenium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



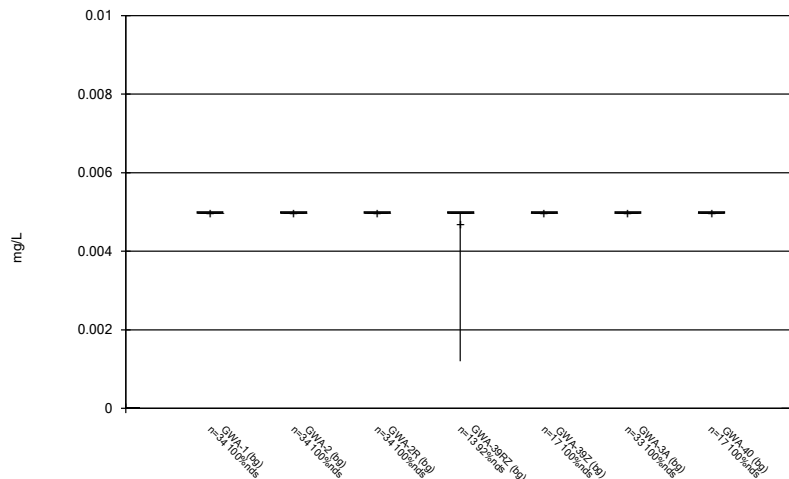
Constituent: Selenium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



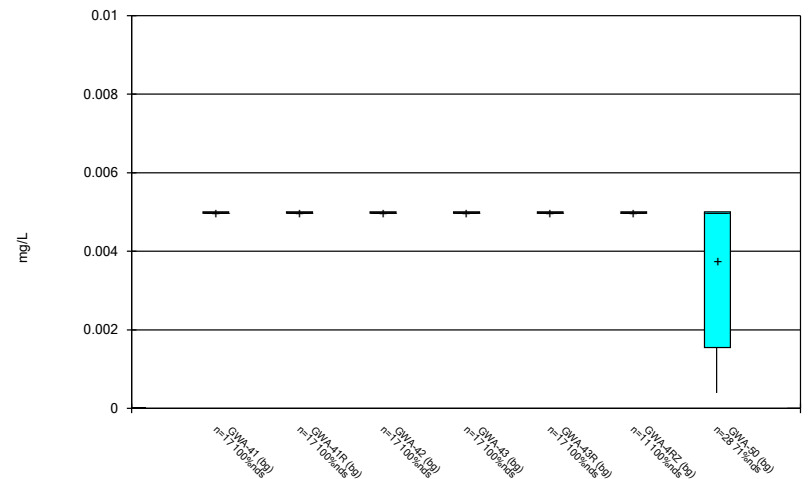
Constituent: Selenium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



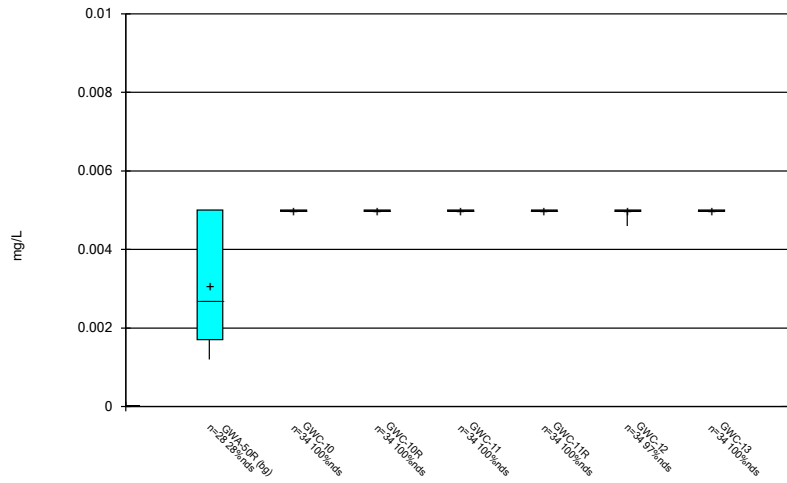
Constituent: Silver Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



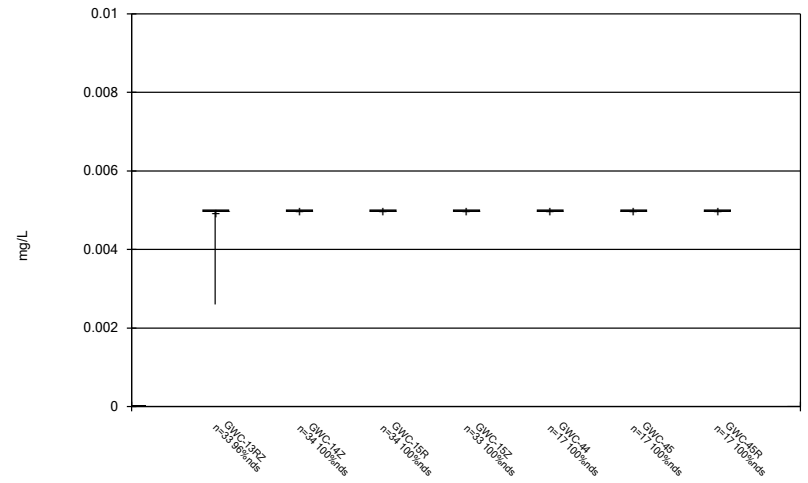
Constituent: Silver Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



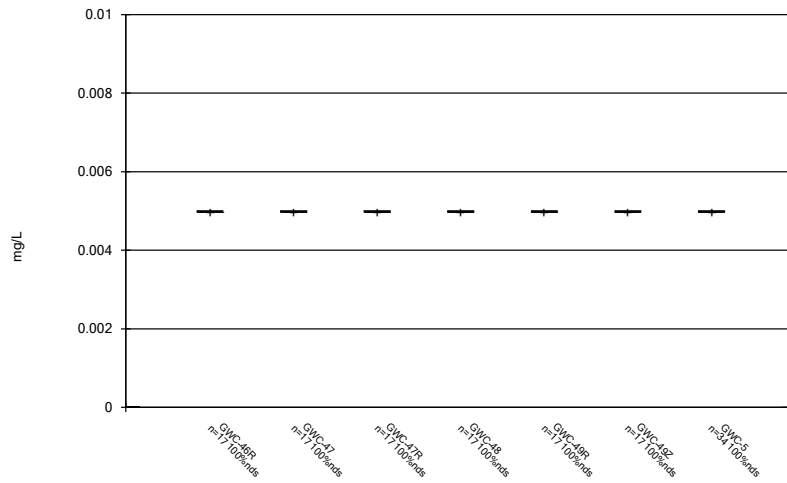
Constituent: Silver Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



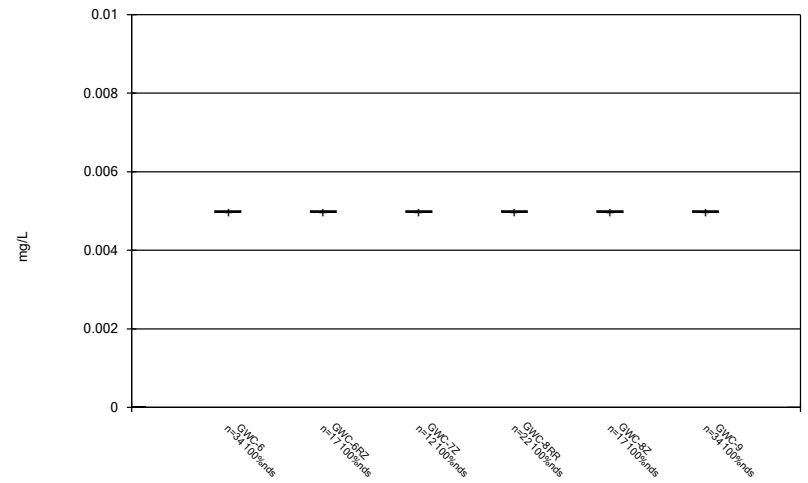
Constituent: Silver Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



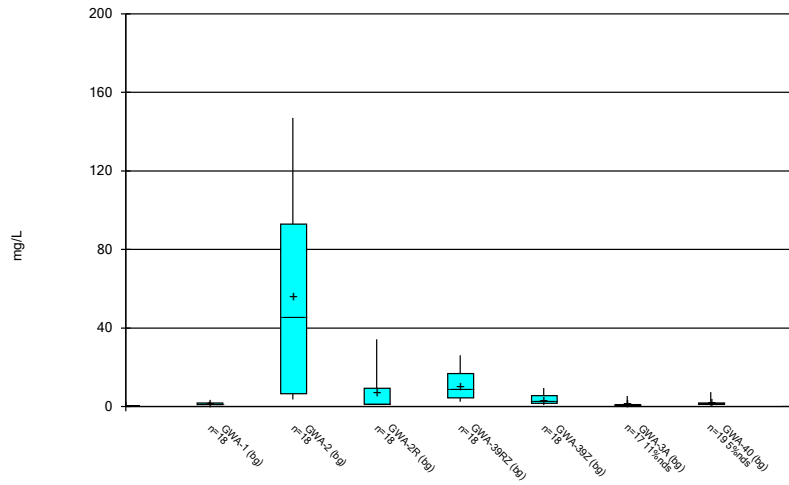
Constituent: Silver Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



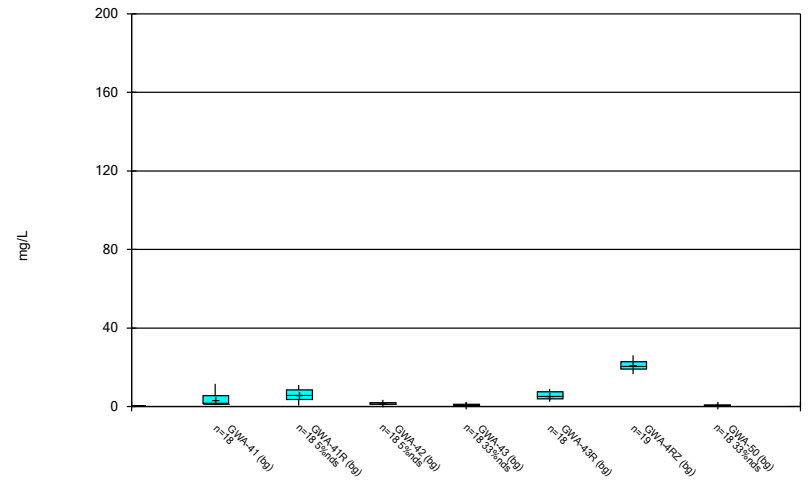
Constituent: Silver Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



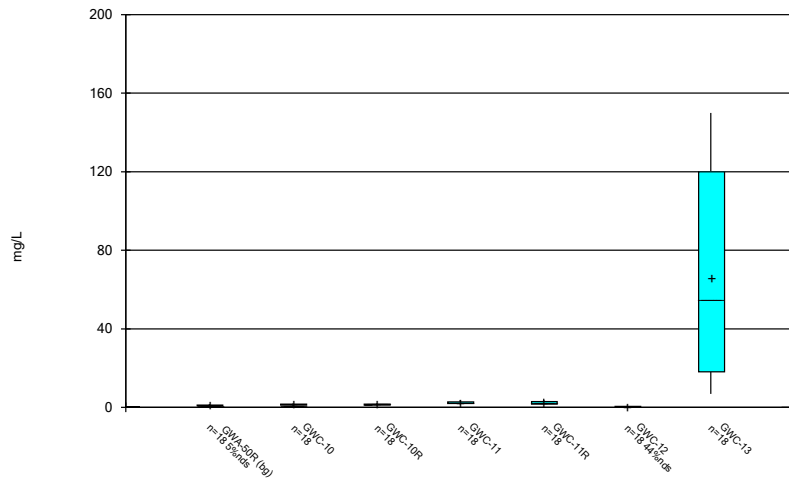
Constituent: Sulfate, total Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



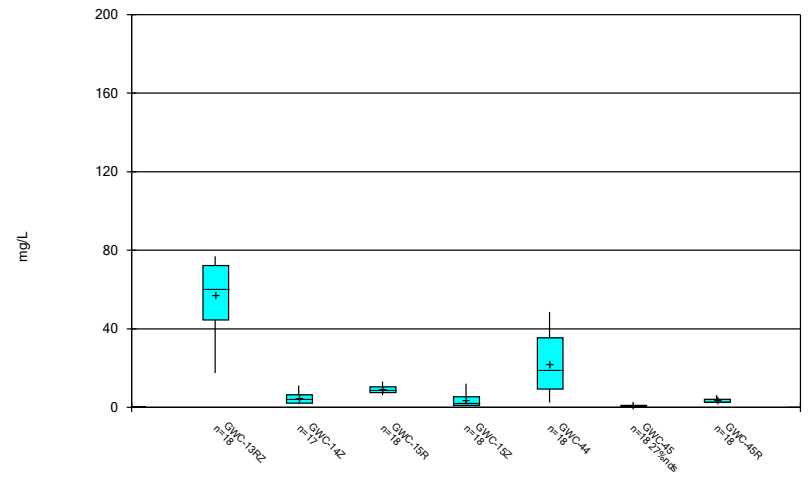
Constituent: Sulfate, total Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



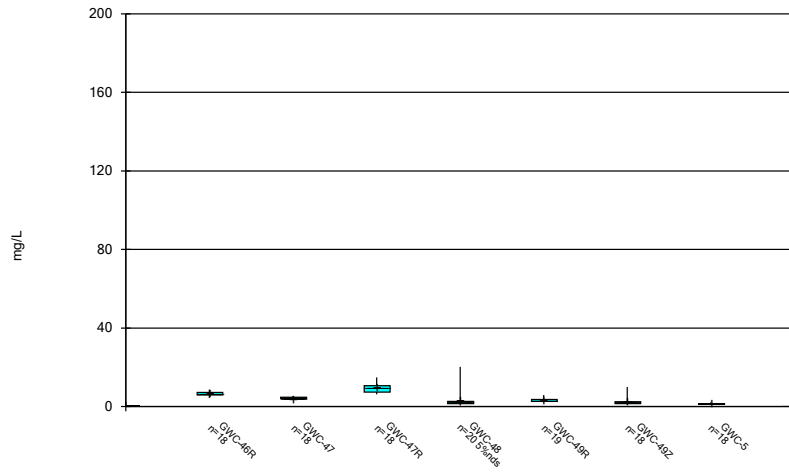
Constituent: Sulfate, total Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



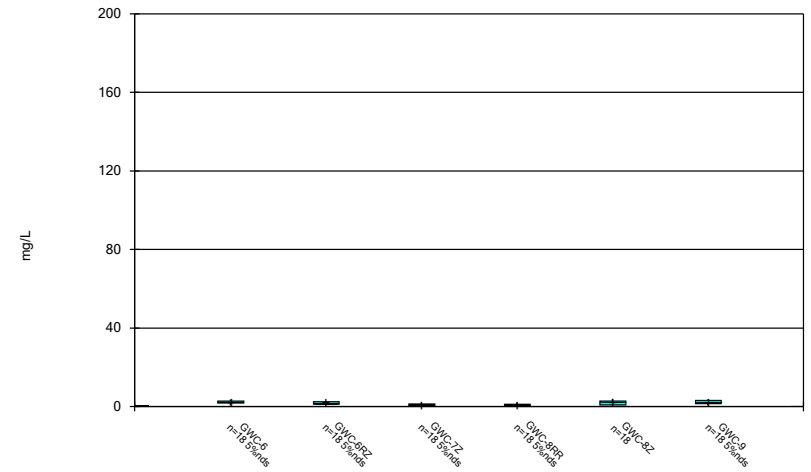
Constituent: Sulfate, total Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



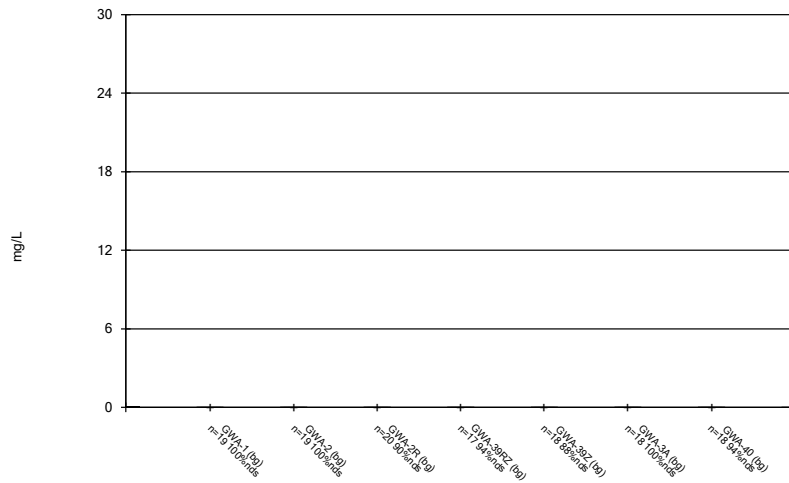
Constituent: Sulfate, total Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



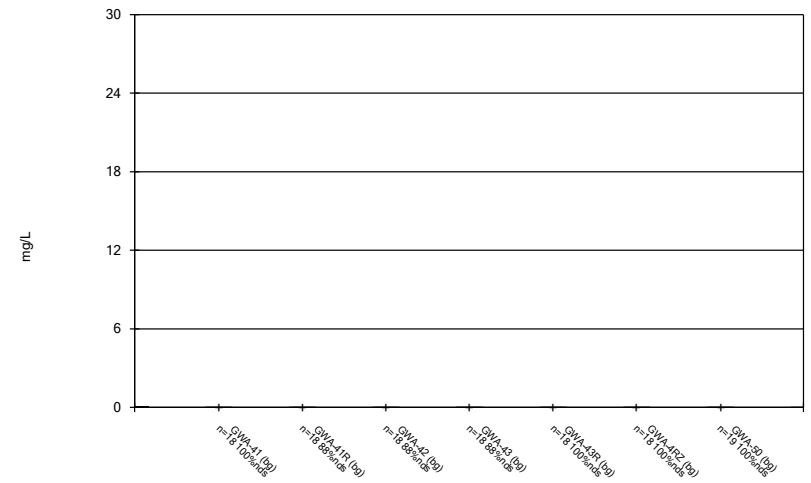
Constituent: Sulfate, total Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



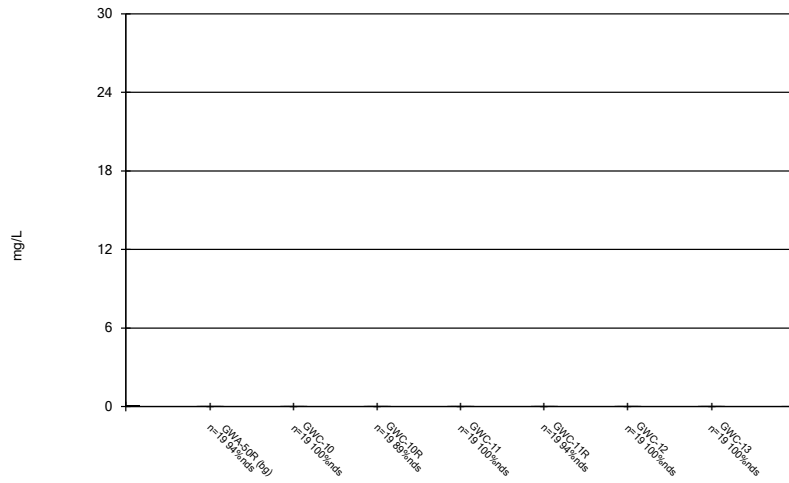
Constituent: Thallium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



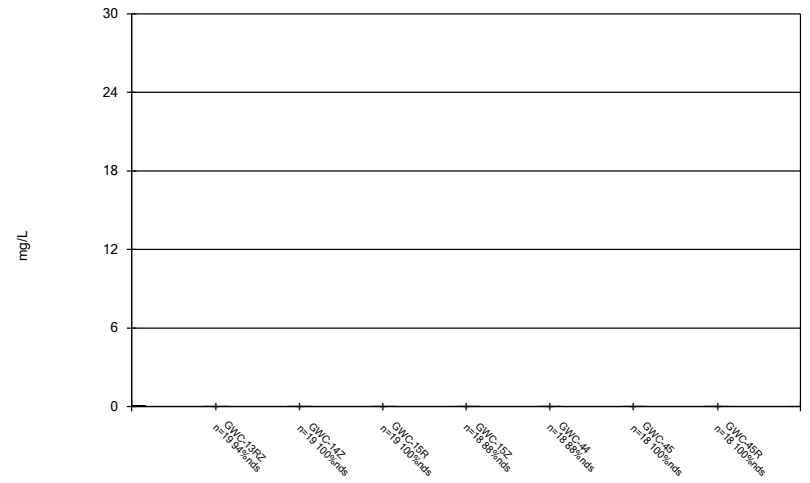
Constituent: Thallium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



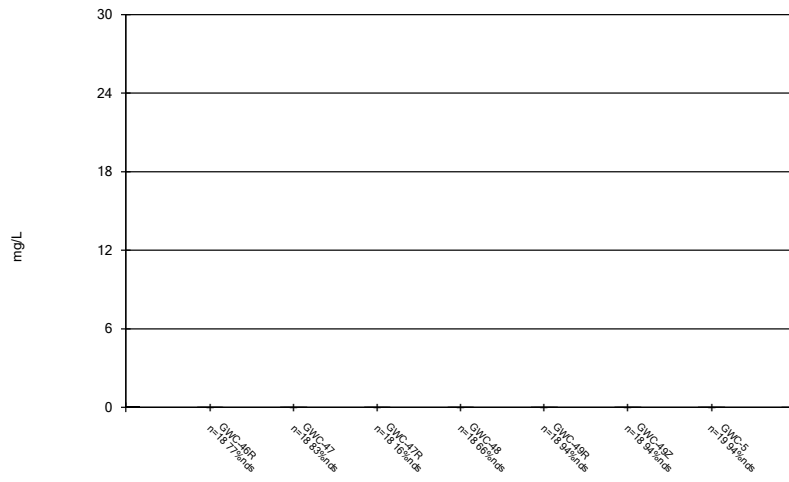
Constituent: Thallium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



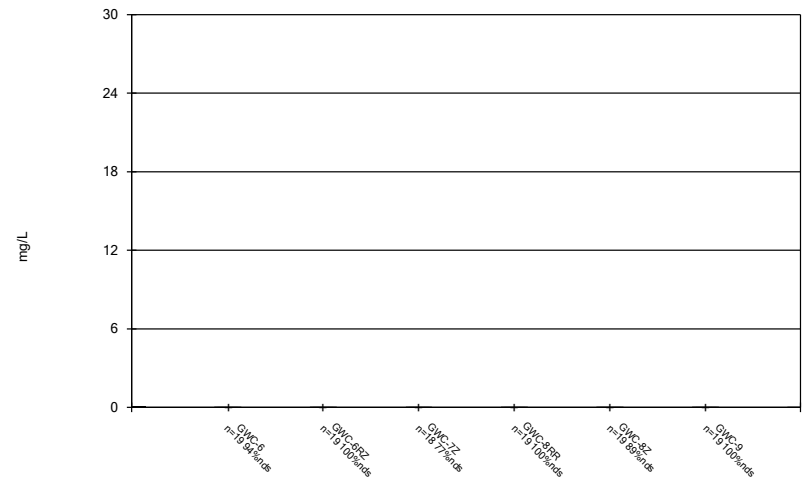
Constituent: Thallium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



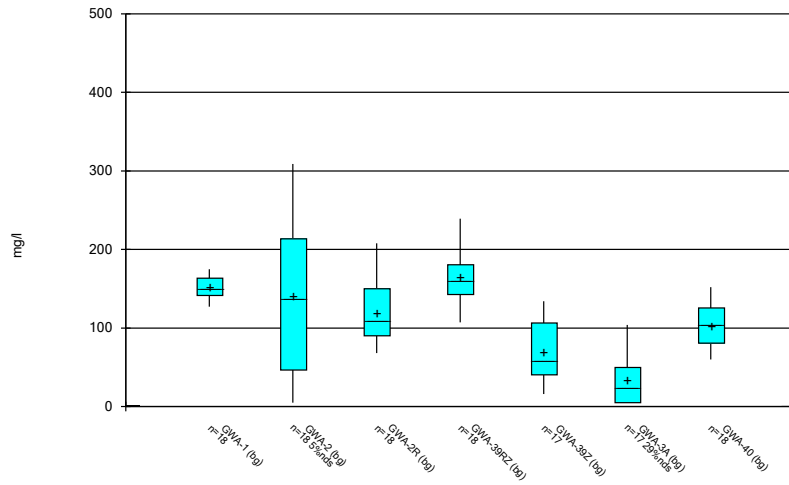
Constituent: Thallium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



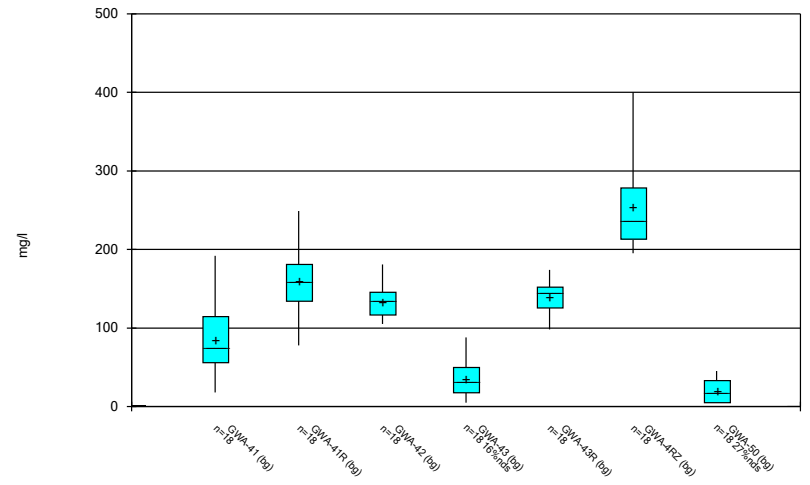
Constituent: Thallium Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



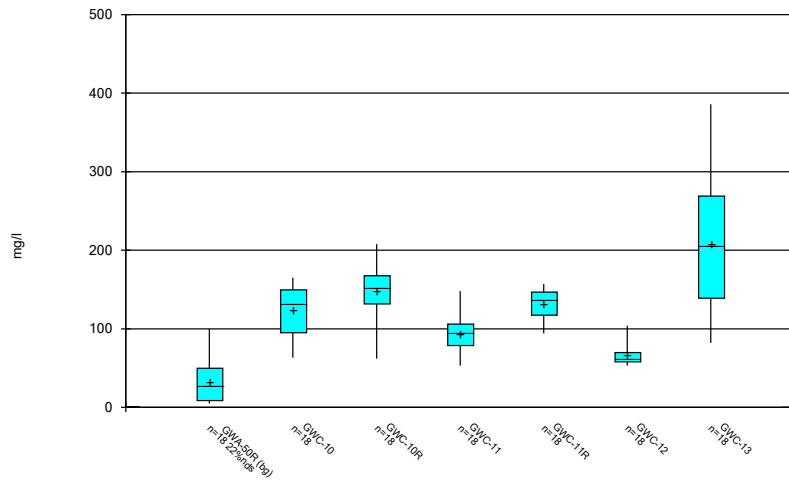
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



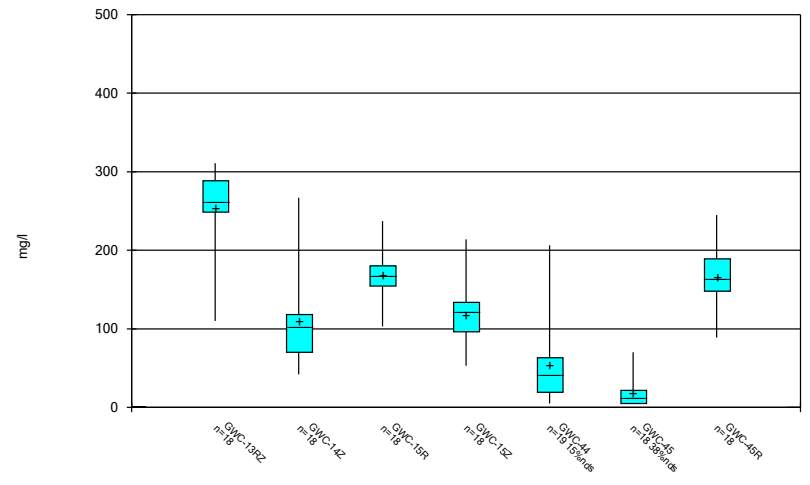
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



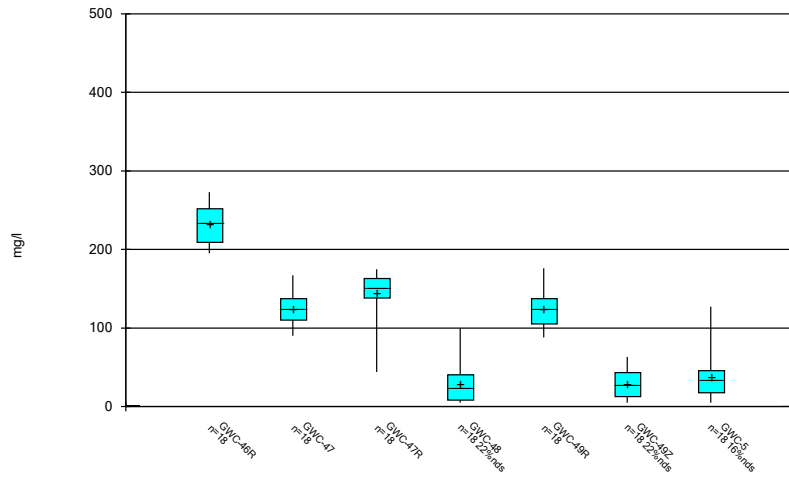
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



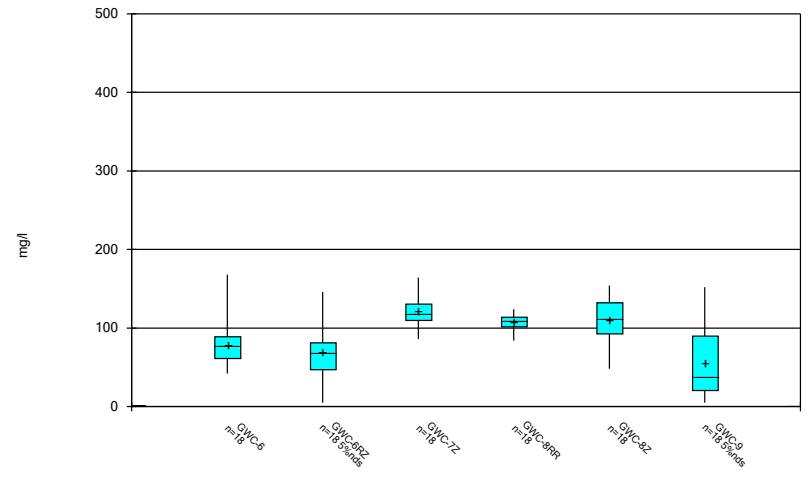
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



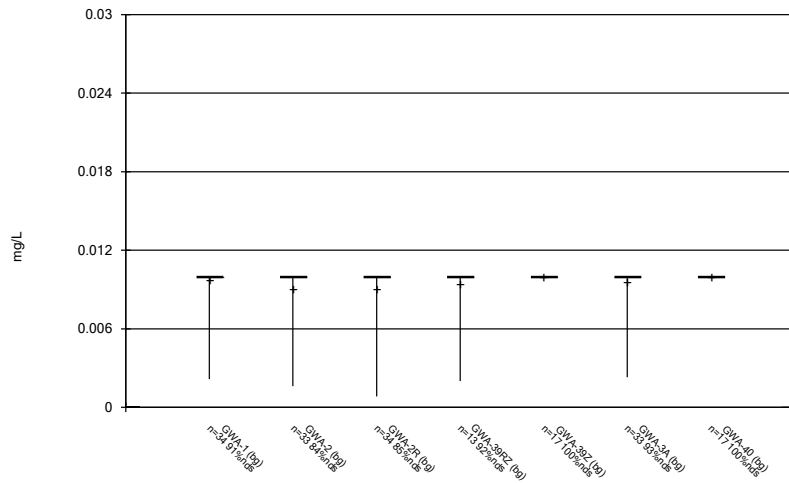
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



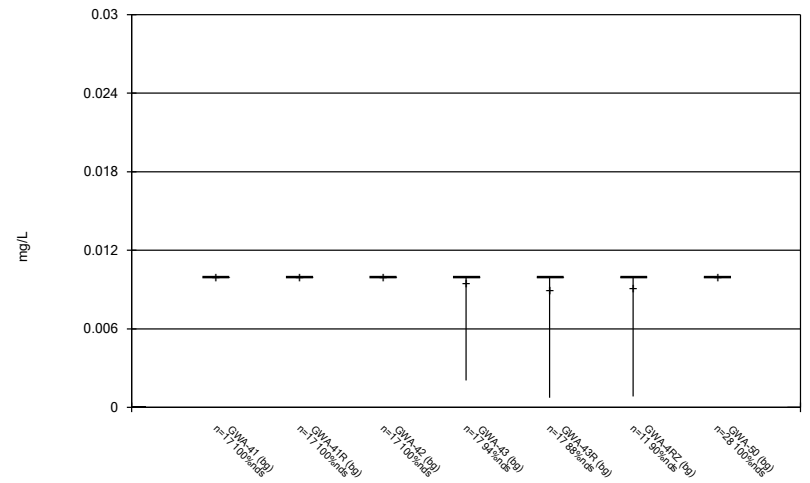
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



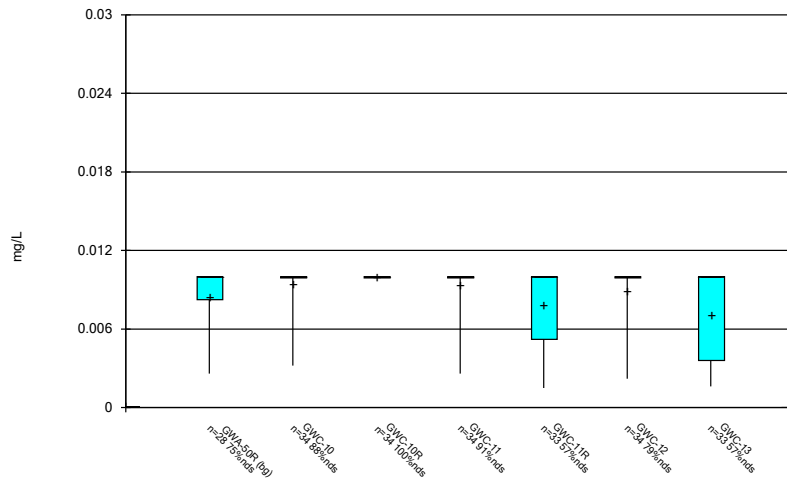
Constituent: Vanadium Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



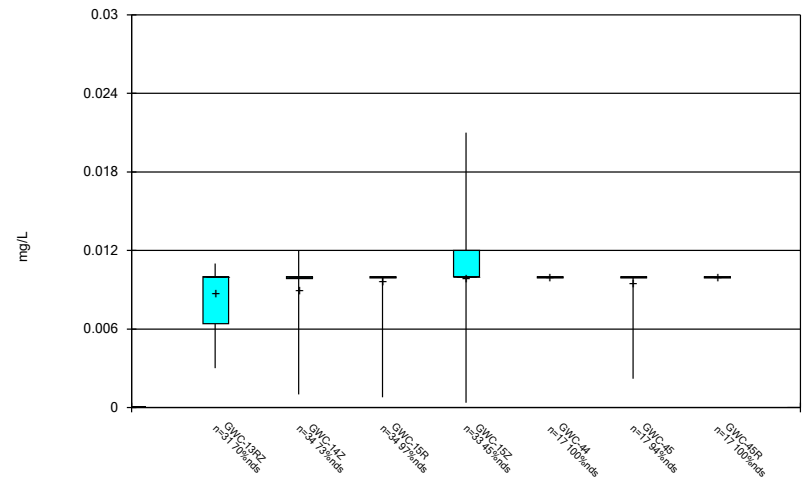
Constituent: Vanadium Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



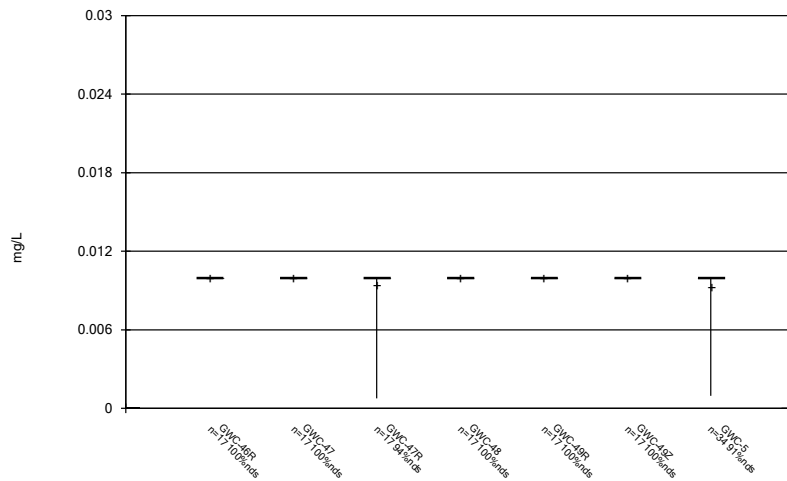
Constituent: Vanadium Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



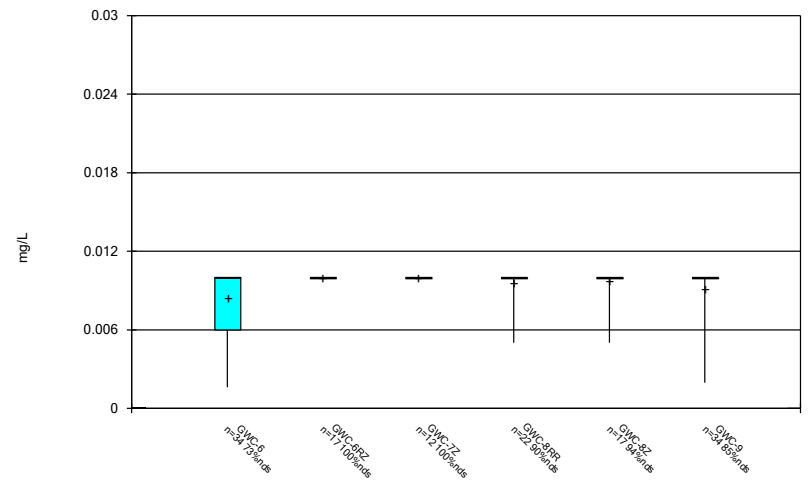
Constituent: Vanadium Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



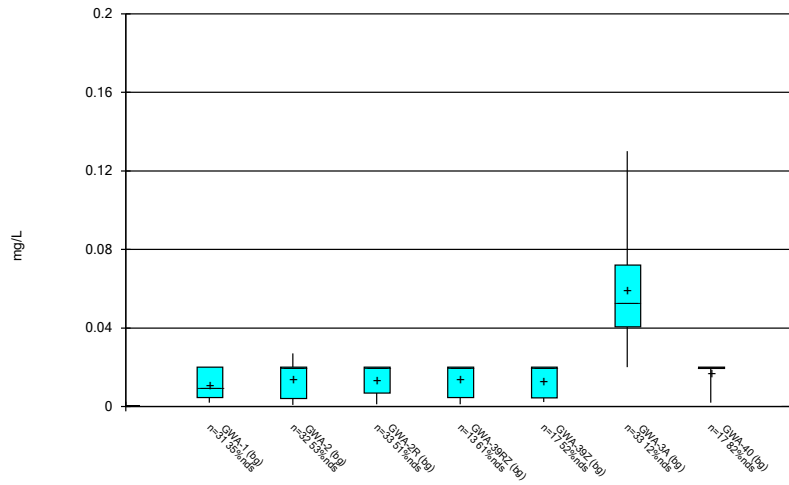
Constituent: Vanadium Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



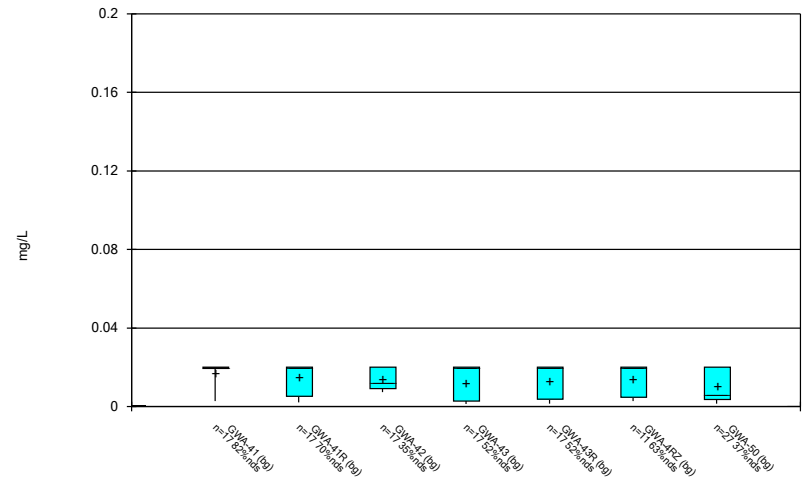
Constituent: Vanadium Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



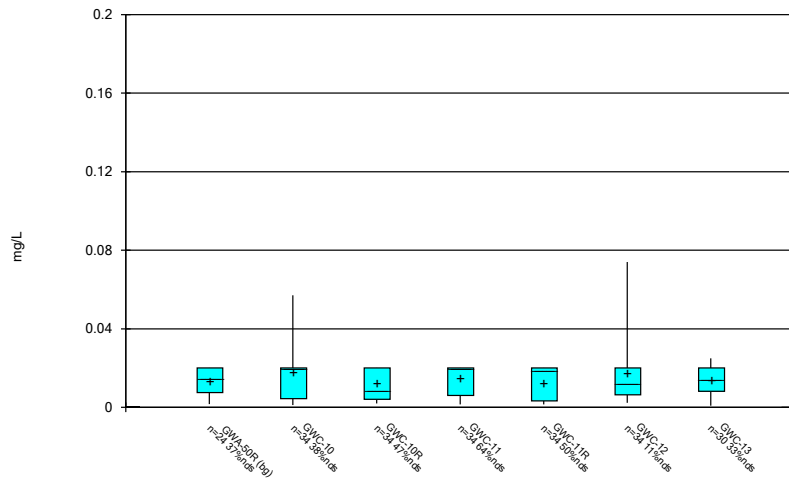
Constituent: Zinc Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



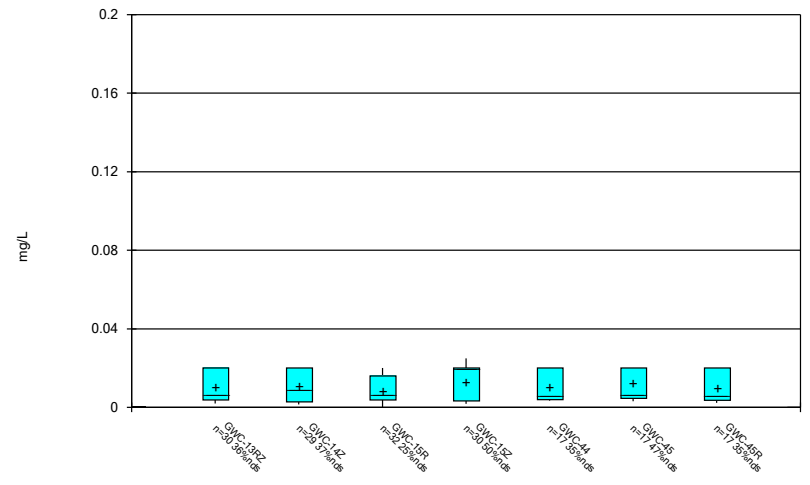
Constituent: Zinc Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



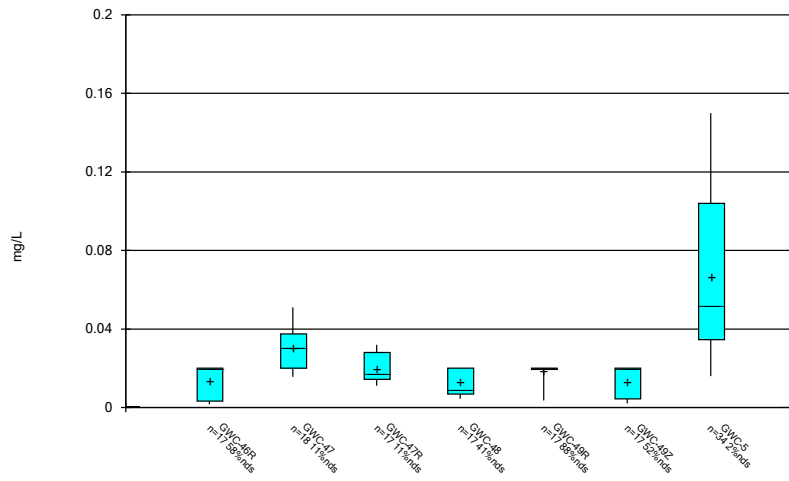
Constituent: Zinc Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



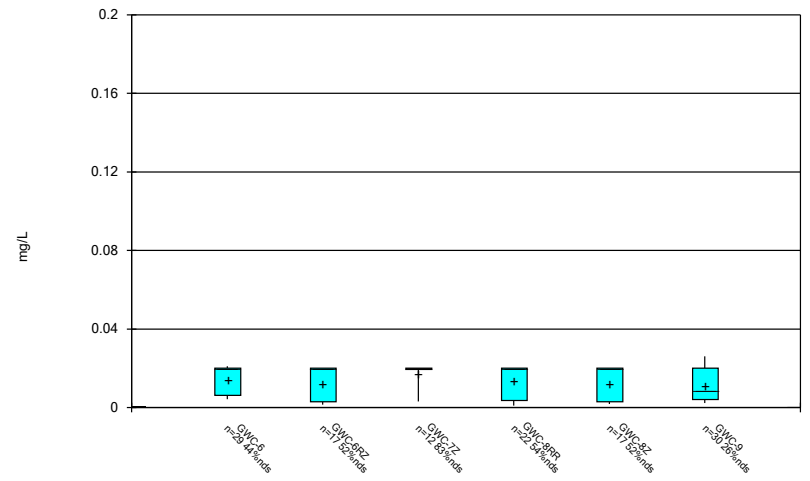
Constituent: Zinc Analysis Run 4/1/2022 5:12 PM
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot

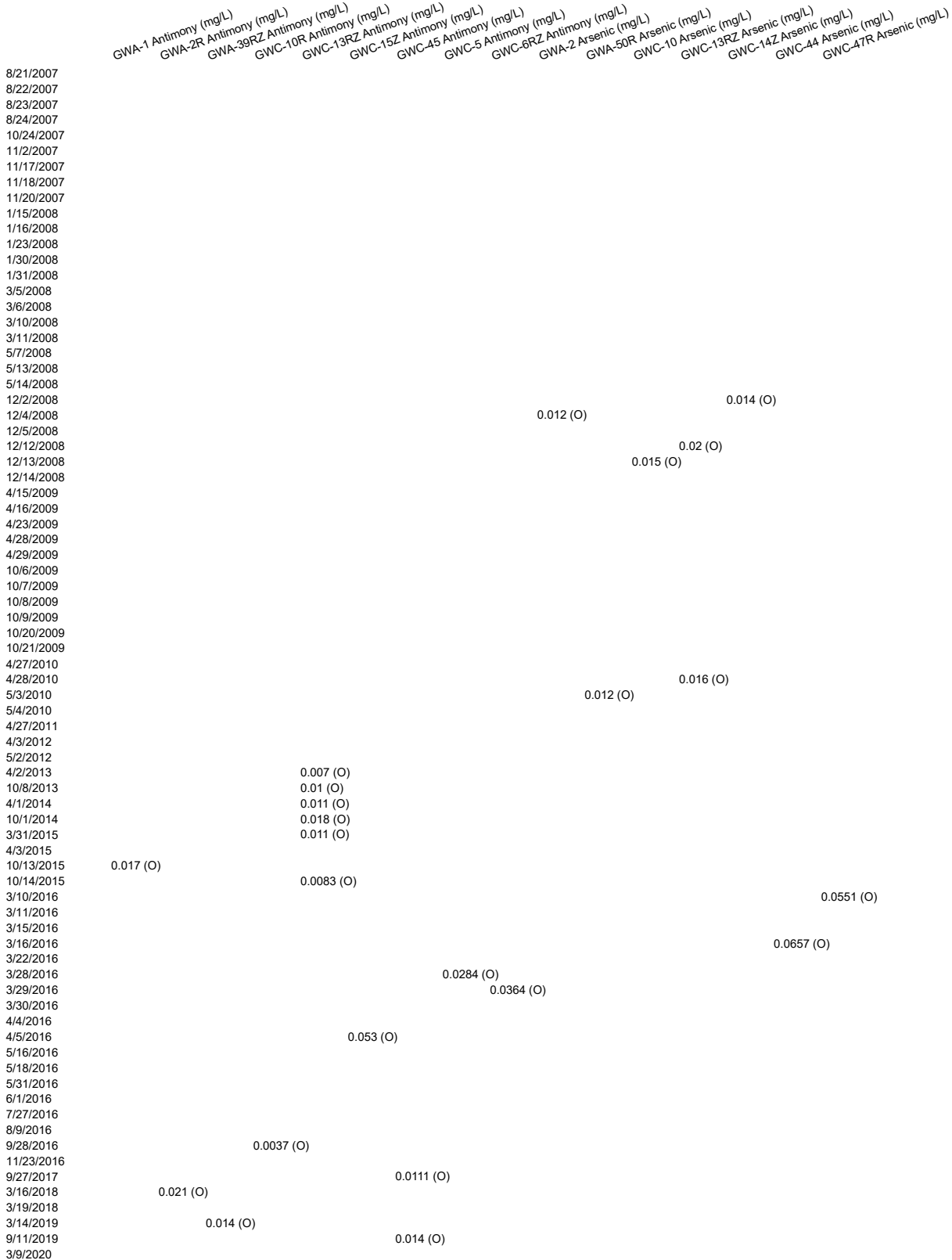


Constituent: Zinc Analysis Run 4/1/2022 5:12 PM
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE C.

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:15 PM



Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:15 PM

Date	GWA-2R Cobalt (mg/L)	GWC-11R Cobalt (mg/L)	GWC-12 Cobalt (mg/L)	GWC-15Z Cobalt (mg/L)	GWC-9 Cobalt (mg/L)	GWA-39RZ Copper (mg/L)	GWA-50R Copper (mg/L)	GWC-5 Copper (mg/L)	GWA-2 Copper (mg/L)	GWC-14Z Fluoride, total (mg/L)	GWA-1 Fluoride, total (mg/L)	GWA-2 Nickel (mg/L)	GWA-2R Nickel (mg/L)	GWA-39Z Nickel (mg/L)	GWA-3A Nickel (mg/L)	GWC-10R Nickel (mg/L)
8/21/2007																
8/22/2007																
8/23/2007																
8/24/2007																
10/24/2007											0.026 (O)					
11/2/2007																
11/17/2007																
11/18/2007												0.043 (O)		0.14 (O)		
11/20/2007																
1/15/2008																
1/16/2008																
1/23/2008																
1/30/2008																
1/31/2008	0.0083 (O)									0.11 (O)				0.054 (O)		0.029 (O)
3/5/2008																
3/6/2008		0.11 (O)		0.98 (O)												
3/10/2008					0.069 (O)											
3/11/2008															0.076 (O)	
5/7/2008																
5/13/2008																
5/14/2008															0.074 (O)	
12/2/2008																
12/4/2008																
12/5/2008																
12/12/2008							0.064 (O)									
12/13/2008																
12/14/2008																
4/15/2009																
4/16/2009																
4/23/2009																
4/28/2009																
4/29/2009																
10/6/2009																
10/7/2009																
10/8/2009																
10/9/2009																
10/20/2009																
10/21/2009																
4/27/2010																
4/28/2010																
5/3/2010																
5/4/2010																
4/27/2011																
4/3/2012																
5/2/2012								0.0865 (O)								
4/2/2013																
10/8/2013																
4/1/2014																
10/1/2014																
3/31/2015																
4/3/2015																
10/13/2015																
10/14/2015																
3/10/2016																
3/11/2016																
3/15/2016																
3/16/2016																
3/22/2016																
3/28/2016																
3/29/2016																
3/30/2016																
4/4/2016																
4/5/2016										1.78243 (J,O)						
5/16/2016																
5/18/2016																
5/31/2016																
6/1/2016																
7/27/2016															0.0271 (o)	
8/9/2016																
9/28/2016																
11/23/2016																
9/27/2017																
3/16/2018																
3/19/2018										1.1 (O)						
3/14/2019																
9/11/2019																
3/9/2020															0.04 (o)	

Tukey's Outlier Test - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-1 (bg)	Yes	0.017	NP	NaN	39	0.004074	0.002968	normal	ShapiroWilk
Antimony (mg/L)	GWA-2R (bg)	Yes	0.011,0.021	NP	NaN	39	0.00446	0.003323	normal	ShapiroWilk
Antimony (mg/L)	GWA-41R (bg)	Yes	0.00037	NP	NaN	18	0.002626	0.0009334	normal	ShapiroWilk
Antimony (mg/L)	GWC-13RZ	Yes	0.01,0.011,0.011,0.018,0.0083	NP	NaN	39	0.003769	0.003501	normal	ShapiroWilk
Antimony (mg/L)	GWC-15R	Yes	0.0052,0.005,0.0072,0.0045,0.00727,0.00649,0.0106	NP	NaN	39	0.003435	0.002218	normal	ShapiroWilk
Antimony (mg/L)	GWC-45	Yes	0.0111,0.014	NP	NaN	20	0.00317	0.00358	normal	ShapiroWilk
Antimony (mg/L)	GWC-8RR	Yes	0.0007,0.00043,0.00082	NP	NaN	27	0.002554	0.0008383	normal	ShapiroWilk
Arsenic (mg/L)	GWC-13RZ	Yes	0.02	NP	NaN	39	0.004357	0.003746	normal	ShapiroWilk
Arsenic (mg/L)	GWC-44	Yes	0.0657,0.0009,0.0008,0.0013	NP	NaN	18	0.007611	0.01458	normal	ShapiroWilk
Arsenic (mg/L)	GWC-47R	Yes	0.0551	NP	NaN	18	0.005987	0.01242	normal	ShapiroWilk
Barium (mg/L)	GWA-1 (bg)	Yes	0.15	NP	NaN	39	0.02426	0.02187	normal	ShapiroWilk
Barium (mg/L)	GWA-2 (bg)	Yes	0.13,0.14	NP	NaN	39	0.02688	0.02796	normal	ShapiroWilk
Barium (mg/L)	GWA-2R (bg)	Yes	0.13,0.0625	NP	NaN	39	0.01689	0.02144	normal	ShapiroWilk
Barium (mg/L)	GWA-40 (bg)	Yes	1.5	NP	NaN	18	0.09148	0.3515	normal	ShapiroWilk
Barium (mg/L)	GWA-50 (bg)	Yes	0.098	NP	NaN	33	0.01218	0.01571	normal	ShapiroWilk
Barium (mg/L)	GWA-50R (bg)	Yes	0.14,0.12,0.12	NP	NaN	33	0.02415	0.0332	normal	ShapiroWilk
Barium (mg/L)	GWC-10	Yes	0.1,0.12,0.11	NP	NaN	39	0.0262	0.02532	normal	ShapiroWilk
Barium (mg/L)	GWC-11	Yes	0.12	NP	NaN	39	0.01749	0.01921	normal	ShapiroWilk
Barium (mg/L)	GWC-12	Yes	0.13,0.13,0.13,0.07,0.11	NP	NaN	39	0.03773	0.03119	normal	ShapiroWilk
Barium (mg/L)	GWC-13	Yes	0.11,0.12	NP	NaN	39	0.03224	0.02234	normal	ShapiroWilk
Barium (mg/L)	GWC-14Z	Yes	0.11,0.12,0.13,0.13	NP	NaN	39	0.02988	0.03368	normal	ShapiroWilk
Barium (mg/L)	GWC-15R	Yes	0.051	NP	NaN	39	0.02432	0.005545	normal	ShapiroWilk
Barium (mg/L)	GWC-15Z	Yes	0.088	NP	NaN	39	0.01304	0.01328	normal	ShapiroWilk
Barium (mg/L)	GWC-44	Yes	1.5	NP	NaN	18	0.1219	0.3444	normal	ShapiroWilk
Barium (mg/L)	GWC-45	Yes	0.3177	NP	NaN	18	0.02331	0.07347	normal	ShapiroWilk
Barium (mg/L)	GWC-47R	Yes	0.0344	NP	NaN	18	0.01144	0.006476	normal	ShapiroWilk
Barium (mg/L)	GWC-49R	Yes	0.026,0.025	NP	NaN	18	0.01252	0.005285	normal	ShapiroWilk
Barium (mg/L)	GWC-5	Yes	0.13	NP	NaN	39	0.0203	0.01849	normal	ShapiroWilk
Barium (mg/L)	GWC-6	Yes	0.1,0.11,0.096	NP	NaN	39	0.01917	0.02497	normal	ShapiroWilk
Barium (mg/L)	GWC-8Z	Yes	0.06,0.047	NP	NaN	22	0.02915	0.009515	normal	ShapiroWilk
Barium (mg/L)	GWC-9	Yes	0.12,0.075,0.16,0.15	NP	NaN	39	0.04785	0.0294	normal	ShapiroWilk
Beryllium (mg/L)	GWA-42 (bg)	Yes	0.003,0.003	NP	NaN	18	0.0004556	0.0009262	normal	ShapiroWilk
Beryllium (mg/L)	GWC-48	Yes	0.003,0.003,0.003	NP	NaN	18	0.0007133	0.001054	normal	ShapiroWilk
Beryllium (mg/L)	GWC-5	Yes	0.003,0.003	NP	NaN	21	0.0008314	0.0007278	normal	ShapiroWilk
Boron, total (mg/L)	GWA-4RZ (bg)	Yes	0.04,0.04	NP	NaN	18	0.01319	0.01052	normal	ShapiroWilk
Boron, total (mg/L)	GWC-13RZ	Yes	0.04,0.04,0.04	NP	NaN	18	0.0184	0.01042	normal	ShapiroWilk
Boron, total (mg/L)	GWC-46R	Yes	0.0047,0.0042	NP	NaN	18	0.03424	0.01205	normal	ShapiroWilk
Cadmium (mg/L)	GWA-42 (bg)	Yes	0.001,0.001	NP	NaN	18	0.0002298	0.0002818	normal	ShapiroWilk
Cadmium (mg/L)	GWC-48	Yes	0.0195,0.001	NP	NaN	18	0.0013	0.004546	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-39RZ (bg)	Yes	21.2	NP	NaN	18	32.37	3.471	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-3A (bg)	Yes	19,19.4,22.6	NP	NaN	17	4.642	7.525	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-15R	Yes	62.5	NP	NaN	18	37.77	7.175	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-15Z	Yes	12.2,8.24	NP	NaN	18	23.02	4.982	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-48	Yes	12	NP	NaN	18	3.525	2.434	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-49Z	Yes	6.4	NP	NaN	18	1.595	1.531	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-5	Yes	12.1	NP	NaN	18	3.914	2.422	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-8Z	Yes	9.6	NP	NaN	17	20.06	3.429	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-3A (bg)	Yes	0.75	NP	NaN	17	1.469	0.222	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-40 (bg)	Yes	3.9	NP	NaN	19	1.418	0.7973	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-49R	Yes	2.7	NP	NaN	18	1.515	0.3551	normal	ShapiroWilk
Chromium (mg/L)	GWA-43 (bg)	Yes	0.0004,0.0008,0.00051	NP	NaN	18	0.004167	0.001704	normal	ShapiroWilk
Chromium (mg/L)	GWC-10	Yes	0.042,0.034,0.027,0.015	NP	NaN	39	0.006422	0.008769	normal	ShapiroWilk
Chromium (mg/L)	GWC-11	Yes	0.025	NP	NaN	39	0.006954	0.003815	normal	ShapiroWilk
Chromium (mg/L)	GWC-13	Yes	0.021,0.035,0.02	NP	NaN	39	0.009062	0.005758	normal	ShapiroWilk
Chromium (mg/L)	GWC-14Z	Yes	0.083,0.043,0.016,0.019	NP	NaN	39	0.00812	0.01422	normal	ShapiroWilk

Tukey's Outlier Test - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chromium (mg/L)	GWC-15R	Yes	0.014,0.031	NP	NaN	39	0.005175	0.00498	normal	ShapiroWilk
Chromium (mg/L)	GWC-15Z	Yes	0.061,0.078,0.085,0.079,0.062,0.044	NP	NaN	39	0.01518	0.0241	normal	ShapiroWilk
Chromium (mg/L)	GWC-47	Yes	0.0439,0.01,0.01	NP	NaN	18	0.004999	0.01008	normal	ShapiroWilk
Chromium (mg/L)	GWC-47R	Yes	0.00606,0.018	NP	NaN	18	0.003057	0.003881	normal	ShapiroWilk
Chromium (mg/L)	GWC-49Z	Yes	0.017	NP	NaN	18	0.004664	0.003498	normal	ShapiroWilk
Chromium (mg/L)	GWC-6	Yes	0.064	NP	NaN	39	0.007318	0.01076	normal	ShapiroWilk
Chromium (mg/L)	GWC-8Z	Yes	0.048	NP	NaN	22	0.006437	0.009956	normal	ShapiroWilk
Cobalt (mg/L)	GWC-12	Yes	0.008,0.98,0.01,0.0073	NP	NaN	39	0.02863	0.1564	normal	ShapiroWilk
Cobalt (mg/L)	GWC-44	Yes	0.01	NP	NaN	18	0.002128	0.00199	normal	ShapiroWilk
Cobalt (mg/L)	GWC-45	Yes	0.01,0.01	NP	NaN	18	0.002261	0.002822	normal	ShapiroWilk
Cobalt (mg/L)	GWC-48	Yes	0.01	NP	NaN	18	0.002123	0.002004	normal	ShapiroWilk
Cobalt (mg/L)	GWC-7Z	Yes	0.01	NP	NaN	18	0.00127	0.002203	normal	ShapiroWilk
Cobalt (mg/L)	GWC-9	Yes	0.0034,0.0067,0.13,0.0037,0.0013,0.0013,0.00064,0	NP	NaN	39	0.007521	0.02019	normal	ShapiroWilk
Copper (mg/L)	GWA-2R (bg)	Yes	0.013	NP	NaN	34	0.004306	0.002362	normal	ShapiroWilk
Copper (mg/L)	GWA-50R (bg)	Yes	0.064	NP	NaN	28	0.01207	0.0134	normal	ShapiroWilk
Copper (mg/L)	GWC-14Z	Yes	0.0031,0.0033,0.0026,0.0028,0.0029,0.0035,0.0056,	NP	NaN	34	0.004553	0.0009817	normal	ShapiroWilk
Copper (mg/L)	GWC-15R	Yes	0.02,0.0026,0.003,0.0025,0.00093,0.0007,0.0003,0.	NP	NaN	34	0.004695	0.003103	normal	ShapiroWilk
Copper (mg/L)	GWC-9	Yes	0.0067,0.01,0.007,0.0042,0.0034,0.00345,0.0003,0.	NP	NaN	34	0.004708	0.001756	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-2 (bg)	Yes	1.1	NP	NaN	18	0.1484	0.2405	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-39RZ (bg)	Yes	0.27	NP	NaN	18	0.09284	0.05527	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-50 (bg)	Yes	0.0314,0.027	NP	NaN	18	0.08713	0.02607	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-13	Yes	0.026,0.0234,0.24	NP	NaN	18	0.09441	0.04504	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-14Z	Yes	1.782	NP	NaN	18	0.1748	0.4024	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-15R	Yes	0.00288	NP	NaN	18	0.08479	0.03101	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-47R	Yes	0.00202,0.009	NP	NaN	18	0.08533	0.03416	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-6RZ	Yes	0.00363	NP	NaN	18	0.08568	0.02869	normal	ShapiroWilk
Lead (mg/L)	GWA-43R (bg)	Yes	0.0038	NP	NaN	18	0.000853	0.0008539	normal	ShapiroWilk
Lead (mg/L)	GWC-15R	Yes	0.0005,0.0004,0.00028,0.00029,0.00047,0.00016,0.0	NP	NaN	39	0.0008631	0.000269	normal	ShapiroWilk
Mercury (mg/L)	GWC-48	Yes	0.000062,0.00015,0.0002	NP	NaN	18	0.0004334	0.0001407	normal	ShapiroWilk
Nickel (mg/L)	GWA-39RZ (bg)	Yes	0.0136,0.0224	NP	NaN	13	0.006095	0.00583	normal	ShapiroWilk
Nickel (mg/L)	GWA-39Z (bg)	Yes	0.0149,0.04	NP	NaN	17	0.006696	0.009087	normal	ShapiroWilk
Nickel (mg/L)	GWA-3A (bg)	Yes	0.14	NP	NaN	33	0.02852	0.0262	normal	ShapiroWilk
Nickel (mg/L)	GWA-42 (bg)	Yes	0.01,0.01	NP	NaN	17	0.002331	0.002902	normal	ShapiroWilk
Nickel (mg/L)	GWC-10	Yes	0.032	NP	NaN	34	0.00884	0.007241	normal	ShapiroWilk
Nickel (mg/L)	GWC-15R	Yes	0.014	NP	NaN	34	0.004533	0.002665	normal	ShapiroWilk
Nickel (mg/L)	GWC-45	Yes	0.01,0.00316	NP	NaN	17	0.001815	0.00217	normal	ShapiroWilk
Nickel (mg/L)	GWC-48	Yes	0.01	NP	NaN	17	0.004241	0.001647	normal	ShapiroWilk
Nickel (mg/L)	GWC-6	Yes	0.0028,0.012,0.046,0.0091,0.022,0.0031,0.0025,0.0	NP	NaN	34	0.006465	0.007822	normal	ShapiroWilk
Nickel (mg/L)	GWC-9	Yes	0.057,0.046	NP	NaN	34	0.008294	0.01177	normal	ShapiroWilk
pH (pH units)	GWA-3A (bg)	Yes	8.04,7.85,7.94	NP	NaN	17	5.868	1.011	normal	ShapiroWilk
pH (pH units)	GWC-13RZ	Yes	8.56,9.83,6.37,6.55	NP	NaN	21	7.478	0.6823	normal	ShapiroWilk
pH (pH units)	GWC-14Z	Yes	10.61,10.32	NP	NaN	18	7.049	1.365	normal	ShapiroWilk
pH (pH units)	GWC-15Z	Yes	9.23,9.52	NP	NaN	18	7.946	0.5296	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-2R (bg)	Yes	34.3	NP	NaN	18	7.445	11.46	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-3A (bg)	Yes	5.4,5,3.4	NP	NaN	17	1.38	1.595	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-40 (bg)	Yes	4.2,7.4,3.8	NP	NaN	19	1.908	1.611	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-48	Yes	15.4,20.2	NP	NaN	20	3.573	5.04	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-49Z	Yes	5.366,9.9	NP	NaN	18	2.552	2.148	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	Yes	110,121	NP	NaN	18	253.2	55.7	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	Yes	267	NP	NaN	18	110.3	55.13	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-44	Yes	206	NP	NaN	19	55.37	47.8	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	Yes	44	NP	NaN	18	144.6	29.72	normal	ShapiroWilk
Vanadium (mg/L)	GWA-50R (bg)	Yes	0.0026,0.0028	NP	NaN	28	0.008511	0.00271	normal	ShapiroWilk
Vanadium (mg/L)	GWC-13RZ	Yes	0.023,0.022	NP	NaN	33	0.009555	0.004041	normal	ShapiroWilk
Vanadium (mg/L)	GWC-14Z	Yes	0.012,0.0043,0.0037,0.0049,0.0061,0.0092,0.005,0.	NP	NaN	34	0.008997	0.002399	normal	ShapiroWilk

Tukey's Outlier Test - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/L)	GWC-15Z	Yes	0.0027,0.021,0.0031,0.0016,0.002,0.00036,0.00095	NP	NaN	33	0.0099	0.004892	normal	ShapiroWilk
Zinc (mg/L)	GWA-2 (bg)	Yes	0.081	NP	NaN	34	0.0168	0.01488	normal	ShapiroWilk
Zinc (mg/L)	GWA-2R (bg)	Yes	0.063	NP	NaN	34	0.01511	0.01108	normal	ShapiroWilk
Zinc (mg/L)	GWA-50R (bg)	Yes	0.075,0.056	NP	NaN	28	0.01896	0.01646	normal	ShapiroWilk
Zinc (mg/L)	GWC-12	Yes	0.074,0.055,0.053	NP	NaN	34	0.01631	0.01717	normal	ShapiroWilk
Zinc (mg/L)	GWC-13	Yes	0.087,0.067	NP	NaN	34	0.01837	0.01662	normal	ShapiroWilk
Zinc (mg/L)	GWC-13RZ	Yes	0.097,0.068	NP	NaN	33	0.01611	0.01999	normal	ShapiroWilk
Zinc (mg/L)	GWC-14Z	Yes	0.075,0.11,0.091	NP	NaN	34	0.01966	0.02568	normal	ShapiroWilk
Zinc (mg/L)	GWC-9	Yes	0.075,0.077	NP	NaN	34	0.01725	0.01992	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-1 (bg)	Yes	0.017	NP	NaN	39	0.004074	0.002968	normal	ShapiroWilk
Antimony (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	39	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWA-2R (bg)	Yes	0.011,0.021	NP	NaN	39	0.00446	0.003323	normal	ShapiroWilk
Antimony (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	17	0.003648	0.003363	normal	ShapiroWilk
Antimony (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	18	0.001814	0.001193	normal	ShapiroWilk
Antimony (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	38	0.002968	0.001023	unknown	ShapiroWilk
Antimony (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.002861	0.0004217	unknown	ShapiroWilk
Antimony (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.002854	0.0006175	unknown	ShapiroWilk
Antimony (mg/L)	GWA-41R (bg)	Yes	0.00037	NP	NaN	18	0.002626	0.0009334	normal	ShapiroWilk
Antimony (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.002944	0.0002357	unknown	ShapiroWilk
Antimony (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.002868	0.000561	unknown	ShapiroWilk
Antimony (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	18	0.002256	0.001106	normal	ShapiroWilk
Antimony (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	18	0.002003	0.0009959	normal	ShapiroWilk
Antimony (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	33	0.00276	0.000675	unknown	ShapiroWilk
Antimony (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	33	0.002924	0.0004387	unknown	ShapiroWilk
Antimony (mg/L)	GWC-10	n/a	n/a	NP	NaN	39	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-10R	n/a	n/a	NP	NaN	39	0.002922	0.0004499	unknown	ShapiroWilk
Antimony (mg/L)	GWC-11	n/a	n/a	NP	NaN	39	0.002656	0.0008268	unknown	ShapiroWilk
Antimony (mg/L)	GWC-11R	n/a	n/a	NP	NaN	40	0.003471	0.001898	unknown	ShapiroWilk
Antimony (mg/L)	GWC-12	n/a	n/a	NP	NaN	39	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-13	n/a	n/a	NP	NaN	39	0.002851	0.0004867	unknown	ShapiroWilk
Antimony (mg/L)	GWC-13RZ	Yes	0.01,0.011,0.011,0.018,0.0083	NP	NaN	39	0.003769	0.003501	normal	ShapiroWilk
Antimony (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	39	0.002839	0.0007429	unknown	ShapiroWilk
Antimony (mg/L)	GWC-15R	Yes	0.0052,0.005,0.0072,0.0045,0.00727,0.00649,0.0106	NP	NaN	39	0.003435	0.002218	normal	ShapiroWilk
Antimony (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	39	0.004271	0.008039	unknown	ShapiroWilk
Antimony (mg/L)	GWC-44	n/a	n/a	NP	NaN	18	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-45	Yes	0.0111,0.014	NP	NaN	20	0.00317	0.00358	normal	ShapiroWilk
Antimony (mg/L)	GWC-45R	No	n/a	NP	NaN	18	0.002326	0.001061	normal	ShapiroWilk
Antimony (mg/L)	GWC-46R	n/a	n/a	NP	NaN	18	0.002889	0.0004714	unknown	ShapiroWilk
Antimony (mg/L)	GWC-47	n/a	n/a	NP	NaN	18	0.002718	0.0008228	unknown	ShapiroWilk
Antimony (mg/L)	GWC-47R	No	n/a	NP	NaN	18	0.001632	0.001089	normal	ShapiroWilk
Antimony (mg/L)	GWC-48	n/a	n/a	NP	NaN	18	0.0028	0.0006174	unknown	ShapiroWilk
Antimony (mg/L)	GWC-49R	No	n/a	NP	NaN	18	0.002628	0.0007307	normal	ShapiroWilk
Antimony (mg/L)	GWC-49Z	No	n/a	NP	NaN	18	0.001884	0.0009465	normal	ShapiroWilk
Antimony (mg/L)	GWC-5	n/a	n/a	NP	NaN	39	0.003523	0.004127	unknown	ShapiroWilk
Antimony (mg/L)	GWC-6	n/a	n/a	NP	NaN	39	0.002898	0.0005128	unknown	ShapiroWilk
Antimony (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	22	0.004282	0.007202	unknown	ShapiroWilk
Antimony (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	0.002293	0.0009574	normal	ShapiroWilk
Antimony (mg/L)	GWC-8RR	Yes	0.0007,0.00043,0.00082	NP	NaN	27	0.002554	0.0008383	normal	ShapiroWilk
Antimony (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	22	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-9	n/a	n/a	NP	NaN	39	0.002949	0.0003203	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	39	0.004555	0.001336	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	39	0.0051	0.001238	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	39	0.004086	0.00179	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	17	0.003508	0.002086	normal	ShapiroWilk
Arsenic (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	18	0.004346	0.001536	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	38	0.004895	0.0006489	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.00451	0.001426	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	18	0.004333	0.001535	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.004794	0.0008721	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	18	0.00475	0.001061	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	18	0.002199	0.001766	normal	ShapiroWilk
Arsenic (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	33	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	33	0.005212	0.001219	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Arsenic (mg/L)	GWC-10	n/a	n/a	NP	NaN	39	0.005041	0.002005	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-10R	n/a	n/a	NP	NaN	39	0.004921	0.0004964	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-11	n/a	n/a	NP	NaN	39	0.004817	0.0008196	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-11R	No	n/a	NP	NaN	39	0.003953	0.001721	normal	ShapiroWilk
Arsenic (mg/L)	GWC-12	No	n/a	NP	NaN	38	0.006461	0.001966	normal	ShapiroWilk
Arsenic (mg/L)	GWC-13	No	n/a	NP	NaN	39	0.004097	0.001988	normal	ShapiroWilk
Arsenic (mg/L)	GWC-13RZ	Yes	0.02	NP	NaN	39	0.004357	0.003746	normal	ShapiroWilk
Arsenic (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	39	0.005181	0.001761	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-15R	n/a	n/a	NP	NaN	39	0.004599	0.001234	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	39	0.004476	0.001513	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-44	Yes	0.0657,0.0009,0.0008,0.0013	NP	NaN	18	0.007611	0.01458	normal	ShapiroWilk
Arsenic (mg/L)	GWC-45	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-45R	n/a	n/a	NP	NaN	18	0.004756	0.001037	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-46R	n/a	n/a	NP	NaN	18	0.004744	0.001084	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-47	n/a	n/a	NP	NaN	18	0.004756	0.001037	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-47R	Yes	0.0551	NP	NaN	18	0.005987	0.01242	normal	ShapiroWilk
Arsenic (mg/L)	GWC-48	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.004745	0.001082	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-49Z	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-5	n/a	n/a	NP	NaN	39	0.004887	0.0007046	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-6	n/a	n/a	NP	NaN	39	0.004606	0.002144	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	22	0.004617	0.001245	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	0.002823	0.00143	normal	ShapiroWilk
Arsenic (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	27	0.004287	0.001577	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-8Z	No	n/a	NP	NaN	22	0.004026	0.001841	normal	ShapiroWilk
Arsenic (mg/L)	GWC-9	n/a	n/a	NP	NaN	39	0.005409	0.003277	unknown	ShapiroWilk
Barium (mg/L)	GWA-1 (bg)	Yes	0.15	NP	NaN	39	0.02426	0.02187	normal	ShapiroWilk
Barium (mg/L)	GWA-2 (bg)	Yes	0.13,0.14	NP	NaN	39	0.02688	0.02796	normal	ShapiroWilk
Barium (mg/L)	GWA-2R (bg)	Yes	0.13,0.0625	NP	NaN	39	0.01689	0.02144	normal	ShapiroWilk
Barium (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	17	0.01605	0.003504	normal	ShapiroWilk
Barium (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	18	0.01303	0.008184	normal	ShapiroWilk
Barium (mg/L)	GWA-3A (bg)	No	n/a	NP	NaN	38	0.007954	0.004444	normal	ShapiroWilk
Barium (mg/L)	GWA-40 (bg)	Yes	1.5	NP	NaN	18	0.09148	0.3515	normal	ShapiroWilk
Barium (mg/L)	GWA-41 (bg)	No	n/a	NP	NaN	18	0.02537	0.003903	normal	ShapiroWilk
Barium (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	18	0.02526	0.01048	normal	ShapiroWilk
Barium (mg/L)	GWA-42 (bg)	No	n/a	NP	NaN	18	0.006289	0.0002626	normal	ShapiroWilk
Barium (mg/L)	GWA-43 (bg)	No	n/a	NP	NaN	18	0.02045	0.008655	normal	ShapiroWilk
Barium (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	18	0.007808	0.0005865	normal	ShapiroWilk
Barium (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	18	0.03449	0.0105	normal	ShapiroWilk
Barium (mg/L)	GWA-50 (bg)	Yes	0.098	NP	NaN	33	0.01218	0.01571	normal	ShapiroWilk
Barium (mg/L)	GWA-50R (bg)	Yes	0.14,0.12,0.12	NP	NaN	33	0.02415	0.0332	normal	ShapiroWilk
Barium (mg/L)	GWC-10	Yes	0.1,0.12,0.11	NP	NaN	39	0.0262	0.02532	normal	ShapiroWilk
Barium (mg/L)	GWC-10R	No	n/a	NP	NaN	39	0.02431	0.004971	normal	ShapiroWilk
Barium (mg/L)	GWC-11	Yes	0.12	NP	NaN	39	0.01749	0.01921	normal	ShapiroWilk
Barium (mg/L)	GWC-11R	No	n/a	NP	NaN	39	0.01384	0.004751	normal	ShapiroWilk
Barium (mg/L)	GWC-12	Yes	0.13,0.13,0.13,0.07,0.11	NP	NaN	39	0.03773	0.03119	normal	ShapiroWilk
Barium (mg/L)	GWC-13	Yes	0.11,0.12	NP	NaN	39	0.03224	0.02234	normal	ShapiroWilk
Barium (mg/L)	GWC-13RZ	No	n/a	NP	NaN	40	0.05788	0.0422	normal	ShapiroWilk
Barium (mg/L)	GWC-14Z	Yes	0.11,0.12,0.13,0.13	NP	NaN	39	0.02988	0.03368	normal	ShapiroWilk
Barium (mg/L)	GWC-15R	Yes	0.051	NP	NaN	39	0.02432	0.005545	normal	ShapiroWilk
Barium (mg/L)	GWC-15Z	Yes	0.088	NP	NaN	39	0.01304	0.01328	normal	ShapiroWilk
Barium (mg/L)	GWC-44	Yes	1.5	NP	NaN	18	0.1219	0.3444	normal	ShapiroWilk
Barium (mg/L)	GWC-45	Yes	0.3177	NP	NaN	18	0.02331	0.07347	normal	ShapiroWilk
Barium (mg/L)	GWC-45R	No	n/a	NP	NaN	18	0.02121	0.002465	normal	ShapiroWilk
Barium (mg/L)	GWC-46R	No	n/a	NP	NaN	18	0.01441	0.002635	normal	ShapiroWilk
Barium (mg/L)	GWC-47	No	n/a	NP	NaN	18	0.01163	0.002984	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	GWC-47R	Yes	0.0344	NP	NaN	18	0.01144	0.006476	normal	ShapiroWilk
Barium (mg/L)	GWC-48	No	n/a	NP	NaN	19	0.02908	0.007607	normal	ShapiroWilk
Barium (mg/L)	GWC-49R	Yes	0.026,0.025	NP	NaN	18	0.01252	0.005285	normal	ShapiroWilk
Barium (mg/L)	GWC-49Z	No	n/a	NP	NaN	18	0.005472	0.003098	normal	ShapiroWilk
Barium (mg/L)	GWC-5	Yes	0.13	NP	NaN	39	0.0203	0.01849	normal	ShapiroWilk
Barium (mg/L)	GWC-6	Yes	0.1,0.11,0.096	NP	NaN	39	0.01917	0.02497	normal	ShapiroWilk
Barium (mg/L)	GWC-6RZ	No	n/a	NP	NaN	22	0.008697	0.003312	normal	ShapiroWilk
Barium (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	0.02521	0.00593	normal	ShapiroWilk
Barium (mg/L)	GWC-8RR	No	n/a	NP	NaN	27	0.01569	0.002584	normal	ShapiroWilk
Barium (mg/L)	GWC-8Z	Yes	0.06,0.047	NP	NaN	22	0.02915	0.009515	normal	ShapiroWilk
Barium (mg/L)	GWC-9	Yes	0.12,0.075,0.16,0.15	NP	NaN	39	0.04785	0.0294	normal	ShapiroWilk
Beryllium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	21	0.00049	0.00004583	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	17	0.0004941	0.00002425	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	20	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	18	0.0004751	0.0001056	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-42 (bg)	Yes	0.003,0.003	NP	NaN	18	0.0004556	0.0009262	normal	ShapiroWilk
Beryllium (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.0004761	0.0001016	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	18	0.0004751	0.0001058	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	21	0.0004448	0.0001407	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-10	No	n/a	NP	NaN	21	0.001773	0.001452	normal	ShapiroWilk
Beryllium (mg/L)	GWC-10R	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-11	n/a	n/a	NP	NaN	21	0.0004789	0.00009667	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-11R	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-12	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-13	No	n/a	NP	NaN	21	0.001343	0.001471	normal	ShapiroWilk
Beryllium (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-14Z	No	n/a	NP	NaN	21	0.001671	0.001442	normal	ShapiroWilk
Beryllium (mg/L)	GWC-15R	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	21	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-44	No	n/a	NP	NaN	18	0.001536	0.001506	normal	ShapiroWilk
Beryllium (mg/L)	GWC-45	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-45R	n/a	n/a	NP	NaN	18	0.0004753	0.0001047	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-46R	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-47	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-47R	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-48	Yes	0.003,0.003,0.003	NP	NaN	18	0.0007133	0.001054	normal	ShapiroWilk
Beryllium (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-49Z	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-5	Yes	0.003,0.003	NP	NaN	21	0.0008314	0.0007278	normal	ShapiroWilk
Beryllium (mg/L)	GWC-6	n/a	n/a	NP	NaN	21	0.0004531	0.0001212	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-6RZ	No	n/a	NP	NaN	22	0.0003446	0.0002105	normal	ShapiroWilk
Beryllium (mg/L)	GWC-7Z	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	21	0.0004881	0.00005455	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-8Z	No	n/a	NP	NaN	22	0.002257	0.001265	normal	ShapiroWilk
Beryllium (mg/L)	GWC-9	No	n/a	NP	NaN	21	0.000844	0.001236	normal	ShapiroWilk
Boron, total (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	18	0.03261	0.01427	normal	ShapiroWilk
Boron, total (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	18	0.03473	0.01221	unknown	ShapiroWilk
Boron, total (mg/L)	GWA-2R (bg)	No	n/a	NP	NaN	18	0.02868	0.01479	normal	ShapiroWilk
Boron, total (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	18	0.01926	0.01442	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Boron, total (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	18	0.03459	0.01248	unknown	ShapiroWilk
Boron, total (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	17	0.03605	0.01116	unknown	ShapiroWilk
Boron, total (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.03468	0.01225	unknown	ShapiroWilk
Boron, total (mg/L)	GWA-41 (bg)	No	n/a	NP	NaN	18	0.03188	0.01358	normal	ShapiroWilk
Boron, total (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	18	0.02451	0.01294	normal	ShapiroWilk
Boron, total (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.03469	0.01222	unknown	ShapiroWilk
Boron, total (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.03811	0.008037	unknown	ShapiroWilk
Boron, total (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	18	0.02492	0.01065	normal	ShapiroWilk
Boron, total (mg/L)	GWA-4RZ (bg)	Yes	0.04,0.04	NP	NaN	18	0.01319	0.01052	normal	ShapiroWilk
Boron, total (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	18	0.03635	0.01063	unknown	ShapiroWilk
Boron, total (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	18	0.03702	0.008935	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-10	n/a	n/a	NP	NaN	18	0.038	0.008485	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-10R	n/a	n/a	NP	NaN	18	0.03492	0.01189	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-11	n/a	n/a	NP	NaN	18	0.03825	0.007425	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-11R	No	n/a	NP	NaN	18	0.03258	0.01429	normal	ShapiroWilk
Boron, total (mg/L)	GWC-12	n/a	n/a	NP	NaN	18	0.04	0	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-13	No	n/a	NP	NaN	18	0.02298	0.01168	normal	ShapiroWilk
Boron, total (mg/L)	GWC-13RZ	Yes	0.04,0.04,0.04	NP	NaN	18	0.0184	0.01042	normal	ShapiroWilk
Boron, total (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	18	0.03788	0.01984	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-15R	No	n/a	NP	NaN	18	0.02742	0.01628	normal	ShapiroWilk
Boron, total (mg/L)	GWC-15Z	No	n/a	NP	NaN	18	0.03077	0.01534	normal	ShapiroWilk
Boron, total (mg/L)	GWC-44	No	n/a	NP	NaN	18	0.02336	0.01409	normal	ShapiroWilk
Boron, total (mg/L)	GWC-45	n/a	n/a	NP	NaN	18	0.03529	0.01104	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-45R	No	n/a	NP	NaN	18	0.02779	0.01615	normal	ShapiroWilk
Boron, total (mg/L)	GWC-46R	Yes	0.0047,0.0042	NP	NaN	18	0.03424	0.01205	normal	ShapiroWilk
Boron, total (mg/L)	GWC-47	n/a	n/a	NP	NaN	18	0.03512	0.01126	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-47R	No	n/a	NP	NaN	18	0.03286	0.01381	normal	ShapiroWilk
Boron, total (mg/L)	GWC-48	n/a	n/a	NP	NaN	18	0.03821	0.00759	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.03476	0.0121	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-49Z	No	n/a	NP	NaN	18	0.02732	0.01646	normal	ShapiroWilk
Boron, total (mg/L)	GWC-5	n/a	n/a	NP	NaN	18	0.03431	0.01312	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-6	n/a	n/a	NP	NaN	18	0.03812	0.00799	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	18	0.03428	0.01316	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	0.02503	0.01723	normal	ShapiroWilk
Boron, total (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	18	0.03663	0.009835	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	18	0.03814	0.007896	unknown	ShapiroWilk
Boron, total (mg/L)	GWC-9	n/a	n/a	NP	NaN	18	0.03452	0.01263	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	39	0.0005015	0.00005319	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	17	0.0004765	0.00009701	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	18	0.0004365	0.0001472	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	38	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-42 (bg)	Yes	0.001,0.001	NP	NaN	18	0.0002298	0.0002818	normal	ShapiroWilk
Cadmium (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.0004767	0.00009899	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	33	0.0004812	0.00007713	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	33	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-10	n/a	n/a	NP	NaN	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-10R	n/a	n/a	NP	NaN	39	0.0004923	0.00004804	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-11	n/a	n/a	NP	NaN	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-11R	n/a	n/a	NP	NaN	39	0.0004972	0.0000291	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Cadmium (mg/L)	GWC-12	No	n/a	NP	NaN	39	0.0007285	0.0003669	normal	ShapiroWilk
Cadmium (mg/L)	GWC-13	n/a	n/a	NP	NaN	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	39	0.0004897	0.00006405	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-15R	n/a	n/a	NP	NaN	39	0.001148	0.00425	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	39	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-44	n/a	n/a	NP	NaN	18	0.0004767	0.00009899	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-45	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-45R	n/a	n/a	NP	NaN	18	0.0009393	0.001864	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-46R	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-47	No	n/a	NP	NaN	18	0.0003574	0.0001851	normal	ShapiroWilk
Cadmium (mg/L)	GWC-47R	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-48	Yes	0.0195,0.001	NP	NaN	18	0.0013	0.004546	normal	ShapiroWilk
Cadmium (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-49Z	No	n/a	NP	NaN	18	0.0003661	0.0001758	normal	ShapiroWilk
Cadmium (mg/L)	GWC-5	n/a	n/a	NP	NaN	39	0.0004497	0.0001725	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-6	n/a	n/a	NP	NaN	39	0.0004785	0.00009385	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	22	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-7Z	n/a	n/a	NP	NaN	18	0.0004772	0.00009664	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	27	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	22	0.0004682	0.0001041	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-9	n/a	n/a	NP	NaN	39	0.0005	0	unknown	ShapiroWilk
Calcium, total (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	18	30.83	2.222	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	18	27.7	21.03	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-2R (bg)	No	n/a	NP	NaN	18	27.09	12.86	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-39RZ (bg)	Yes	21.2	NP	NaN	18	32.37	3.471	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	19	12.63	8.183	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-3A (bg)	Yes	19,19.4,22.6	NP	NaN	17	4.642	7.525	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-40 (bg)	No	n/a	NP	NaN	18	21.18	3.591	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-41 (bg)	No	n/a	NP	NaN	18	18.57	8.469	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	18	33.44	5.665	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-42 (bg)	No	n/a	NP	NaN	18	31.72	3.03	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-43 (bg)	No	n/a	NP	NaN	18	6.585	4.621	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	19	29.04	1.861	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	18	50.02	4.205	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-50 (bg)	No	n/a	NP	NaN	18	2.147	0.8004	normal	ShapiroWilk
Calcium, total (mg/L)	GWA-50R (bg)	No	n/a	NP	NaN	18	4.199	3.238	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-10	No	n/a	NP	NaN	18	28.98	7.769	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-10R	No	n/a	NP	NaN	18	41.07	3.214	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-11	No	n/a	NP	NaN	18	16.88	5.011	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-11R	No	n/a	NP	NaN	18	27.04	4.751	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-12	No	n/a	NP	NaN	18	8.069	0.5471	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-13	No	n/a	NP	NaN	18	44.27	11.71	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-13RZ	No	n/a	NP	NaN	18	43.57	7.105	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-14Z	No	n/a	NP	NaN	18	20.6	8.135	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-15R	Yes	62.5	NP	NaN	18	37.77	7.175	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-15Z	Yes	12.2,8.24	NP	NaN	18	23.02	4.982	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-44	No	n/a	NP	NaN	18	7.288	5.187	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-45	No	n/a	NP	NaN	18	0.8467	0.09013	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-45R	No	n/a	NP	NaN	18	35.84	4.682	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-46R	No	n/a	NP	NaN	18	44.39	4.053	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-47	No	n/a	NP	NaN	18	23.15	2.611	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-47R	No	n/a	NP	NaN	18	30.46	3.042	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-48	Yes	12	NP	NaN	18	3.525	2.434	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-49R	No	n/a	NP	NaN	18	25.4	2.25	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-49Z	Yes	6.4	NP	NaN	18	1.595	1.531	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Calcium, total (mg/L)	GWC-5	Yes	12.1	NP	NaN	18	3.914	2.422	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-6	No	n/a	NP	NaN	17	14.09	1.009	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-6RZ	No	n/a	NP	NaN	17	10.84	1.567	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	23.89	1.818	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-8RR	No	n/a	NP	NaN	18	22.29	1.212	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-8Z	Yes	9.6	NP	NaN	17	20.06	3.429	normal	ShapiroWilk
Calcium, total (mg/L)	GWC-9	No	n/a	NP	NaN	18	8.789	8.314	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	18	1.487	0.29	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	18	1.481	0.4939	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-2R (bg)	No	n/a	NP	NaN	18	1.033	0.3283	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	18	2.197	0.6933	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	18	1.496	0.335	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-3A (bg)	Yes	0.75	NP	NaN	17	1.469	0.222	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-40 (bg)	Yes	3.9	NP	NaN	19	1.418	0.7973	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-41 (bg)	No	n/a	NP	NaN	18	1.808	0.8218	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	18	2.629	1.336	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-42 (bg)	No	n/a	NP	NaN	18	2.634	0.4604	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-43 (bg)	No	n/a	NP	NaN	18	1.304	0.1063	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	18	3.088	0.928	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	18	2.661	0.496	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-50 (bg)	No	n/a	NP	NaN	18	1.084	0.179	normal	ShapiroWilk
Chloride, Total (mg/L)	GWA-50R (bg)	No	n/a	NP	NaN	18	0.8117	0.1699	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-10	No	n/a	NP	NaN	18	2.303	0.3213	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-10R	No	n/a	NP	NaN	18	2.648	0.381	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-11	No	n/a	NP	NaN	18	1.261	0.206	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-11R	No	n/a	NP	NaN	18	1.601	0.2137	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-12	No	n/a	NP	NaN	18	0.9591	0.2066	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-13	No	n/a	NP	NaN	18	4.294	1.205	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-13RZ	No	n/a	NP	NaN	18	7.016	1.742	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-14Z	No	n/a	NP	NaN	18	3.264	0.7309	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-15R	No	n/a	NP	NaN	18	1.627	0.2419	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-15Z	No	n/a	NP	NaN	18	1.063	0.4398	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-44	No	n/a	NP	NaN	19	4.673	1.901	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-45	No	n/a	NP	NaN	18	0.9258	0.1689	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-45R	No	n/a	NP	NaN	18	3.382	0.5235	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-46R	No	n/a	NP	NaN	18	1.903	0.5178	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-47	No	n/a	NP	NaN	18	2.43	0.2309	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-47R	No	n/a	NP	NaN	18	2.445	0.2005	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-48	No	n/a	NP	NaN	18	3.063	0.9402	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-49R	Yes	2.7	NP	NaN	18	1.515	0.3551	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-49Z	No	n/a	NP	NaN	18	1.081	0.2525	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-5	No	n/a	NP	NaN	18	0.8092	0.138	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-6	No	n/a	NP	NaN	18	1.163	0.1516	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-6RZ	No	n/a	NP	NaN	18	1.355	0.2235	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	1.086	0.3301	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-8RR	No	n/a	NP	NaN	18	0.9812	0.19	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-8Z	No	n/a	NP	NaN	18	1.457	0.2243	normal	ShapiroWilk
Chloride, Total (mg/L)	GWC-9	No	n/a	NP	NaN	18	2.128	0.2026	normal	ShapiroWilk
Chromium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	39	0.00931	0.01823	unknown	ShapiroWilk
Chromium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	39	0.007399	0.01098	unknown	ShapiroWilk
Chromium (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	39	0.00641	0.007649	unknown	ShapiroWilk
Chromium (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	17	0.002793	0.002063	normal	ShapiroWilk
Chromium (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	18	0.008313	0.01518	unknown	ShapiroWilk
Chromium (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	38	0.01252	0.0293	unknown	ShapiroWilk
Chromium (mg/L)	GWA-40 (bg)	No	n/a	NP	NaN	18	0.004053	0.001825	normal	ShapiroWilk
Chromium (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.005361	0.002543	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chromium (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	18	0.004489	0.001488	unknown	ShapiroWilk
Chromium (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.004747	0.001072	unknown	ShapiroWilk
Chromium (mg/L)	GWA-43 (bg)	Yes	0.0004,0.0008,0.00051	NP	NaN	18	0.004167	0.001704	normal	ShapiroWilk
Chromium (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	18	0.002649	0.001964	normal	ShapiroWilk
Chromium (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Chromium (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	33	0.004552	0.001227	unknown	ShapiroWilk
Chromium (mg/L)	GWA-50R (bg)	No	n/a	NP	NaN	33	0.004242	0.001265	normal	ShapiroWilk
Chromium (mg/L)	GWC-10	Yes	0.042,0.034,0.027,0.015	NP	NaN	39	0.006422	0.008769	normal	ShapiroWilk
Chromium (mg/L)	GWC-10R	n/a	n/a	NP	NaN	39	0.006004	0.005566	unknown	ShapiroWilk
Chromium (mg/L)	GWC-11	Yes	0.025	NP	NaN	39	0.006954	0.003815	normal	ShapiroWilk
Chromium (mg/L)	GWC-11R	No	n/a	NP	NaN	39	0.01515	0.01233	normal	ShapiroWilk
Chromium (mg/L)	GWC-12	n/a	n/a	NP	NaN	39	0.006149	0.006835	unknown	ShapiroWilk
Chromium (mg/L)	GWC-13	Yes	0.021,0.035,0.02	NP	NaN	39	0.009062	0.005758	normal	ShapiroWilk
Chromium (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	39	0.004831	0.002616	unknown	ShapiroWilk
Chromium (mg/L)	GWC-14Z	Yes	0.083,0.043,0.016,0.019	NP	NaN	39	0.00812	0.01422	normal	ShapiroWilk
Chromium (mg/L)	GWC-15R	Yes	0.014,0.031	NP	NaN	39	0.005175	0.00498	normal	ShapiroWilk
Chromium (mg/L)	GWC-15Z	Yes	0.061,0.078,0.085,0.079,0.062,0.044	NP	NaN	39	0.01518	0.0241	normal	ShapiroWilk
Chromium (mg/L)	GWC-44	n/a	n/a	NP	NaN	18	0.004763	0.001004	unknown	ShapiroWilk
Chromium (mg/L)	GWC-45	n/a	n/a	NP	NaN	18	0.004761	0.001014	unknown	ShapiroWilk
Chromium (mg/L)	GWC-45R	n/a	n/a	NP	NaN	18	0.004277	0.001665	unknown	ShapiroWilk
Chromium (mg/L)	GWC-46R	No	n/a	NP	NaN	19	0.004489	0.002898	normal	ShapiroWilk
Chromium (mg/L)	GWC-47	Yes	0.0439,0.01,0.01	NP	NaN	18	0.004999	0.01008	normal	ShapiroWilk
Chromium (mg/L)	GWC-47R	Yes	0.00606,0.018	NP	NaN	18	0.003057	0.003881	normal	ShapiroWilk
Chromium (mg/L)	GWC-48	No	n/a	NP	NaN	18	0.004094	0.003803	normal	ShapiroWilk
Chromium (mg/L)	GWC-49R	No	n/a	NP	NaN	18	0.003094	0.002201	normal	ShapiroWilk
Chromium (mg/L)	GWC-49Z	Yes	0.017	NP	NaN	18	0.004664	0.003498	normal	ShapiroWilk
Chromium (mg/L)	GWC-5	n/a	n/a	NP	NaN	39	0.006466	0.006241	unknown	ShapiroWilk
Chromium (mg/L)	GWC-6	Yes	0.064	NP	NaN	39	0.007318	0.01076	normal	ShapiroWilk
Chromium (mg/L)	GWC-6RZ	No	n/a	NP	NaN	22	0.003755	0.003486	normal	ShapiroWilk
Chromium (mg/L)	GWC-7Z	n/a	n/a	NP	NaN	18	0.0048	0.0008485	unknown	ShapiroWilk
Chromium (mg/L)	GWC-8RR	No	n/a	NP	NaN	27	0.006678	0.005183	normal	ShapiroWilk
Chromium (mg/L)	GWC-8Z	Yes	0.048	NP	NaN	22	0.006437	0.009956	normal	ShapiroWilk
Chromium (mg/L)	GWC-9	n/a	n/a	NP	NaN	39	0.008192	0.01412	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	39	0.00429	0.001599	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	39	0.005362	0.001691	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	39	0.004791	0.001184	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	17	0.004931	0.0004941	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	18	0.003319	0.002759	normal	ShapiroWilk
Cobalt (mg/L)	GWA-3A (bg)	No	n/a	NP	NaN	38	0.003214	0.002057	normal	ShapiroWilk
Cobalt (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	18	0.004044	0.001843	normal	ShapiroWilk
Cobalt (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.004488	0.001489	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.004744	0.001087	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	18	0.01065	0.006326	normal	ShapiroWilk
Cobalt (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	33	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	33	0.004412	0.001313	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-10	No	n/a	NP	NaN	39	0.004135	0.002301	normal	ShapiroWilk
Cobalt (mg/L)	GWC-10R	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-11	n/a	n/a	NP	NaN	39	0.005051	0.001894	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-11R	n/a	n/a	NP	NaN	39	0.007519	0.01686	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-12	Yes	0.008,0.98,0.01,0.0073	NP	NaN	39	0.02863	0.1564	normal	ShapiroWilk
Cobalt (mg/L)	GWC-13	n/a	n/a	NP	NaN	39	0.005018	0.001647	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	39	0.005074	0.0004644	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	39	0.004953	0.001491	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Cobalt (mg/L)	GWC-15R	n/a	n/a	NP	NaN	39	0.004769	0.001006	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	39	0.006528	0.01028	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-44	Yes	0.01	NP	NaN	18	0.002128	0.00199	normal	ShapiroWilk
Cobalt (mg/L)	GWC-45	Yes	0.01,0.01	NP	NaN	18	0.002261	0.002822	normal	ShapiroWilk
Cobalt (mg/L)	GWC-45R	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-46R	n/a	n/a	NP	NaN	18	0.004756	0.001037	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-47	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-47R	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-48	Yes	0.01	NP	NaN	18	0.002123	0.002004	normal	ShapiroWilk
Cobalt (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-49Z	No	n/a	NP	NaN	18	0.003514	0.002819	normal	ShapiroWilk
Cobalt (mg/L)	GWC-5	No	n/a	NP	NaN	39	0.003657	0.001995	normal	ShapiroWilk
Cobalt (mg/L)	GWC-6	n/a	n/a	NP	NaN	39	0.004757	0.0009078	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	22	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-7Z	Yes	0.01	NP	NaN	18	0.00127	0.002203	normal	ShapiroWilk
Cobalt (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	27	0.00473	0.0009742	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	22	0.004541	0.001186	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-9	Yes	0.0034,0.0067,0.13,0.0037,0.0013,0.0013,0.00064,0	NP	NaN	39	0.007521	0.02019	normal	ShapiroWilk
Copper (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	34	0.004862	0.001745	unknown	ShapiroWilk
Copper (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	34	0.005304	0.002379	unknown	ShapiroWilk
Copper (mg/L)	GWA-2R (bg)	Yes	0.013	NP	NaN	34	0.004306	0.002362	normal	ShapiroWilk
Copper (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	13	0.006931	0.006357	unknown	ShapiroWilk
Copper (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	17	0.004218	0.001743	unknown	ShapiroWilk
Copper (mg/L)	GWA-3A (bg)	No	n/a	NP	NaN	33	0.03245	0.01201	normal	ShapiroWilk
Copper (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	17	0.004835	0.0006791	unknown	ShapiroWilk
Copper (mg/L)	GWA-41 (bg)	No	n/a	NP	NaN	17	0.003959	0.001938	normal	ShapiroWilk
Copper (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	17	0.003394	0.001844	normal	ShapiroWilk
Copper (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	17	0.004599	0.001235	unknown	ShapiroWilk
Copper (mg/L)	GWA-43 (bg)	No	n/a	NP	NaN	17	0.003971	0.001925	normal	ShapiroWilk
Copper (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	17	0.003983	0.001906	normal	ShapiroWilk
Copper (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	11	0.003732	0.002173	normal	ShapiroWilk
Copper (mg/L)	GWA-50 (bg)	No	n/a	NP	NaN	28	0.0082	0.007982	normal	ShapiroWilk
Copper (mg/L)	GWA-50R (bg)	Yes	0.064	NP	NaN	28	0.01207	0.0134	normal	ShapiroWilk
Copper (mg/L)	GWC-10	n/a	n/a	NP	NaN	34	0.004862	0.0006272	unknown	ShapiroWilk
Copper (mg/L)	GWC-10R	n/a	n/a	NP	NaN	34	0.004791	0.0009616	unknown	ShapiroWilk
Copper (mg/L)	GWC-11	n/a	n/a	NP	NaN	34	0.00487	0.001826	unknown	ShapiroWilk
Copper (mg/L)	GWC-11R	n/a	n/a	NP	NaN	34	0.005024	0.003178	unknown	ShapiroWilk
Copper (mg/L)	GWC-12	n/a	n/a	NP	NaN	34	0.004715	0.001176	unknown	ShapiroWilk
Copper (mg/L)	GWC-13	n/a	n/a	NP	NaN	34	0.004353	0.001524	unknown	ShapiroWilk
Copper (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	33	0.00482	0.001893	unknown	ShapiroWilk
Copper (mg/L)	GWC-14Z	Yes	0.0031,0.0033,0.0026,0.0028,0.0029,0.0035,0.0056,	NP	NaN	34	0.004553	0.0009817	normal	ShapiroWilk
Copper (mg/L)	GWC-15R	Yes	0.02,0.0026,0.003,0.0025,0.00093,0.0007,0.0003,0.	NP	NaN	34	0.004695	0.003103	normal	ShapiroWilk
Copper (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	33	0.005176	0.003102	unknown	ShapiroWilk
Copper (mg/L)	GWC-44	No	n/a	NP	NaN	17	0.003431	0.00219	normal	ShapiroWilk
Copper (mg/L)	GWC-45	No	n/a	NP	NaN	17	0.004048	0.00284	normal	ShapiroWilk
Copper (mg/L)	GWC-45R	n/a	n/a	NP	NaN	17	0.004835	0.0006791	unknown	ShapiroWilk
Copper (mg/L)	GWC-46R	n/a	n/a	NP	NaN	17	0.004753	0.001019	unknown	ShapiroWilk
Copper (mg/L)	GWC-47	n/a	n/a	NP	NaN	17	0.004494	0.001435	unknown	ShapiroWilk
Copper (mg/L)	GWC-47R	No	n/a	NP	NaN	17	0.003736	0.002026	normal	ShapiroWilk
Copper (mg/L)	GWC-48	No	n/a	NP	NaN	17	0.003999	0.001885	normal	ShapiroWilk
Copper (mg/L)	GWC-49R	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Copper (mg/L)	GWC-49Z	No	n/a	NP	NaN	17	0.003469	0.002162	normal	ShapiroWilk
Copper (mg/L)	GWC-5	No	n/a	NP	NaN	34	0.02717	0.01811	normal	ShapiroWilk
Copper (mg/L)	GWC-6	No	n/a	NP	NaN	34	0.004427	0.001271	normal	ShapiroWilk
Copper (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	17	0.004722	0.001145	unknown	ShapiroWilk
Copper (mg/L)	GWC-7Z	No	n/a	NP	NaN	12	0.003455	0.002284	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Copper (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	22	0.004864	0.0006396	unknown	ShapiroWilk
Copper (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	17	0.004203	0.00178	unknown	ShapiroWilk
Copper (mg/L)	GWC-9	Yes	0.0067,0.01,0.007,0.0042,0.0034,0.00345,0.0003,0.	NP	NaN	34	0.004708	0.001756	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	18	0.07041	0.0315	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-2 (bg)	Yes	1.1	NP	NaN	18	0.1484	0.2405	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-2R (bg)	No	n/a	NP	NaN	18	0.07592	0.0281	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-39RZ (bg)	Yes	0.27	NP	NaN	18	0.09284	0.05527	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	18	0.07671	0.03108	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	17	0.09459	0.01528	unknown	ShapiroWilk
Fluoride, total (mg/L)	GWA-40 (bg)	No	n/a	NP	NaN	18	0.08642	0.02847	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-41 (bg)	No	n/a	NP	NaN	18	0.08108	0.03197	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	18	0.08516	0.03224	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-42 (bg)	No	n/a	NP	NaN	18	0.07646	0.03165	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.08993	0.02327	unknown	ShapiroWilk
Fluoride, total (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	18	0.07912	0.03515	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	18	0.1779	0.06226	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-50 (bg)	Yes	0.0314,0.027	NP	NaN	18	0.08713	0.02607	normal	ShapiroWilk
Fluoride, total (mg/L)	GWA-50R (bg)	No	n/a	NP	NaN	18	0.08673	0.02622	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-10	No	n/a	NP	NaN	18	0.07841	0.03179	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-10R	No	n/a	NP	NaN	18	0.08599	0.02743	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-11	No	n/a	NP	NaN	18	0.08098	0.02827	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-11R	No	n/a	NP	NaN	18	0.08528	0.02891	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-12	No	n/a	NP	NaN	18	0.08372	0.0317	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-13	Yes	0.026,0.0234,0.24	NP	NaN	18	0.09441	0.04504	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-13RZ	No	n/a	NP	NaN	18	0.1599	0.0749	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-14Z	Yes	1.782	NP	NaN	18	0.1748	0.4024	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-15R	Yes	0.00288	NP	NaN	18	0.08479	0.03101	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-15Z	No	n/a	NP	NaN	18	0.07766	0.03416	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-44	No	n/a	NP	NaN	19	0.0913	0.05015	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-45	n/a	n/a	NP	NaN	18	0.087	0.03048	unknown	ShapiroWilk
Fluoride, total (mg/L)	GWC-45R	No	n/a	NP	NaN	18	0.08304	0.03746	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-46R	No	n/a	NP	NaN	18	0.08306	0.03366	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-47	No	n/a	NP	NaN	18	0.0783	0.03391	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-47R	Yes	0.00202,0.009	NP	NaN	18	0.08533	0.03416	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-48	No	n/a	NP	NaN	18	0.07742	0.03508	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.09011	0.0244	unknown	ShapiroWilk
Fluoride, total (mg/L)	GWC-49Z	n/a	n/a	NP	NaN	18	0.08861	0.02999	unknown	ShapiroWilk
Fluoride, total (mg/L)	GWC-5	No	n/a	NP	NaN	18	0.0825	0.03426	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-6	No	n/a	NP	NaN	18	0.08259	0.03396	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-6RZ	Yes	0.00363	NP	NaN	18	0.08568	0.02869	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	0.0895	0.04414	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	18	0.08569	0.03308	unknown	ShapiroWilk
Fluoride, total (mg/L)	GWC-8Z	No	n/a	NP	NaN	18	0.07987	0.03064	normal	ShapiroWilk
Fluoride, total (mg/L)	GWC-9	n/a	n/a	NP	NaN	18	0.09069	0.02178	unknown	ShapiroWilk
Lead (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	39	0.0008955	0.000454	unknown	ShapiroWilk
Lead (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	39	0.001016	0.0002883	unknown	ShapiroWilk
Lead (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	39	0.0009276	0.0002539	unknown	ShapiroWilk
Lead (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	17	0.0008335	0.0003328	normal	ShapiroWilk
Lead (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	18	0.0008075	0.000372	normal	ShapiroWilk
Lead (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	38	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWA-40 (bg)	No	n/a	NP	NaN	18	0.0008197	0.0003553	normal	ShapiroWilk
Lead (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.0009495	0.0002143	unknown	ShapiroWilk
Lead (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	18	0.0007216	0.0004099	normal	ShapiroWilk
Lead (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.0008561	0.0003316	unknown	ShapiroWilk
Lead (mg/L)	GWA-43 (bg)	No	n/a	NP	NaN	18	0.0006917	0.0004488	normal	ShapiroWilk
Lead (mg/L)	GWA-43R (bg)	Yes	0.0038	NP	NaN	18	0.000853	0.0008539	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Lead (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	18	0.0009036	0.0002815	unknown	ShapiroWilk
Lead (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	33	0.000924	0.0002457	unknown	ShapiroWilk
Lead (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	33	0.001006	0.0003482	unknown	ShapiroWilk
Lead (mg/L)	GWC-10	n/a	n/a	NP	NaN	39	0.0009756	0.0001526	unknown	ShapiroWilk
Lead (mg/L)	GWC-10R	n/a	n/a	NP	NaN	39	0.0009787	0.0001329	unknown	ShapiroWilk
Lead (mg/L)	GWC-11	n/a	n/a	NP	NaN	39	0.0009279	0.0002531	unknown	ShapiroWilk
Lead (mg/L)	GWC-11R	n/a	n/a	NP	NaN	39	0.000931	0.0002428	unknown	ShapiroWilk
Lead (mg/L)	GWC-12	n/a	n/a	NP	NaN	39	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWC-13	n/a	n/a	NP	NaN	39	0.0008031	0.0003651	unknown	ShapiroWilk
Lead (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	39	0.0009101	0.0002715	unknown	ShapiroWilk
Lead (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	39	0.0009597	0.0001754	unknown	ShapiroWilk
Lead (mg/L)	GWC-15R	Yes	0.0005,0.0004,0.00028,0.00029,0.00047,0.00016,0.0	NP	NaN	39	0.0008631	0.000269	normal	ShapiroWilk
Lead (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	39	0.0009273	0.0002553	unknown	ShapiroWilk
Lead (mg/L)	GWC-44	No	n/a	NP	NaN	18	0.0006106	0.000295	normal	ShapiroWilk
Lead (mg/L)	GWC-45	No	n/a	NP	NaN	18	0.0004967	0.0004196	normal	ShapiroWilk
Lead (mg/L)	GWC-45R	No	n/a	NP	NaN	18	0.0007453	0.0004228	normal	ShapiroWilk
Lead (mg/L)	GWC-46R	n/a	n/a	NP	NaN	18	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWC-47	No	n/a	NP	NaN	18	0.0007553	0.000409	normal	ShapiroWilk
Lead (mg/L)	GWC-47R	No	n/a	NP	NaN	18	0.0007975	0.0003898	normal	ShapiroWilk
Lead (mg/L)	GWC-48	n/a	n/a	NP	NaN	18	0.001041	0.0004164	unknown	ShapiroWilk
Lead (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWC-49Z	No	n/a	NP	NaN	18	0.0007098	0.000424	normal	ShapiroWilk
Lead (mg/L)	GWC-5	n/a	n/a	NP	NaN	39	0.0009757	0.000152	unknown	ShapiroWilk
Lead (mg/L)	GWC-6	n/a	n/a	NP	NaN	39	0.0008657	0.0003205	unknown	ShapiroWilk
Lead (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	22	0.0008736	0.0003255	unknown	ShapiroWilk
Lead (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	0.0005517	0.0004621	normal	ShapiroWilk
Lead (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	27	0.0008976	0.0002951	unknown	ShapiroWilk
Lead (mg/L)	GWC-8Z	No	n/a	NP	NaN	22	0.000515	0.0004203	normal	ShapiroWilk
Lead (mg/L)	GWC-9	No	n/a	NP	NaN	39	0.000779	0.0003953	normal	ShapiroWilk
Mercury (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	39	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	39	0.0001994	0.000004003	unknown	ShapiroWilk
Mercury (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	39	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	17	0.0001906	0.00003856	unknown	ShapiroWilk
Mercury (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	18	0.0001956	0.00001886	unknown	ShapiroWilk
Mercury (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	38	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.0001851	0.00004438	unknown	ShapiroWilk
Mercury (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.0001939	0.00002593	unknown	ShapiroWilk
Mercury (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	18	0.0001941	0.00002498	unknown	ShapiroWilk
Mercury (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.0001843	0.00004616	unknown	ShapiroWilk
Mercury (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	18	0.0001853	0.00004395	unknown	ShapiroWilk
Mercury (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	18	0.0002048	0.00002027	unknown	ShapiroWilk
Mercury (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	33	0.0001946	0.0000313	unknown	ShapiroWilk
Mercury (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	33	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-10	n/a	n/a	NP	NaN	39	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-10R	n/a	n/a	NP	NaN	39	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-11	n/a	n/a	NP	NaN	39	0.0001995	0.000003042	unknown	ShapiroWilk
Mercury (mg/L)	GWC-11R	n/a	n/a	NP	NaN	39	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-12	n/a	n/a	NP	NaN	39	0.0001969	0.00001922	unknown	ShapiroWilk
Mercury (mg/L)	GWC-13	n/a	n/a	NP	NaN	39	0.0002	8.1e-13	unknown	ShapiroWilk
Mercury (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	39	0.0002	8.1e-13	unknown	ShapiroWilk
Mercury (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	39	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-15R	n/a	n/a	NP	NaN	39	0.0001962	0.00002402	unknown	ShapiroWilk
Mercury (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	39	0.0001964	0.00002242	unknown	ShapiroWilk
Mercury (mg/L)	GWC-44	n/a	n/a	NP	NaN	18	0.0001937	0.00002663	unknown	ShapiroWilk
Mercury (mg/L)	GWC-45	n/a	n/a	NP	NaN	18	0.0002047	0.00002003	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Mercury (mg/L)	GWC-45R	n/a	n/a	NP	NaN	18	0.0002047	0.00002003	unknown	ShapiroWilk
Mercury (mg/L)	GWC-46R	n/a	n/a	NP	NaN	18	0.0001972	0.00001179	unknown	ShapiroWilk
Mercury (mg/L)	GWC-47	n/a	n/a	NP	NaN	19	0.0002005	0.000002294	unknown	ShapiroWilk
Mercury (mg/L)	GWC-47R	n/a	n/a	NP	NaN	19	0.0001937	0.00003547	unknown	ShapiroWilk
Mercury (mg/L)	GWC-48	Yes	0.000062,0.00015,0.0002	NP	NaN	18	0.0004334	0.0001407	normal	ShapiroWilk
Mercury (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.0001828	0.00005015	unknown	ShapiroWilk
Mercury (mg/L)	GWC-49Z	n/a	n/a	NP	NaN	18	0.0001831	0.00004932	unknown	ShapiroWilk
Mercury (mg/L)	GWC-5	n/a	n/a	NP	NaN	39	0.0001958	0.00002608	unknown	ShapiroWilk
Mercury (mg/L)	GWC-6	n/a	n/a	NP	NaN	39	0.0001957	0.00002676	unknown	ShapiroWilk
Mercury (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	23	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-7Z	n/a	n/a	NP	NaN	18	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	27	0.0001896	0.00003803	unknown	ShapiroWilk
Mercury (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	23	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-9	n/a	n/a	NP	NaN	39	0.0002	0	unknown	ShapiroWilk
Nickel (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	34	0.009049	0.01847	unknown	ShapiroWilk
Nickel (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	34	0.00717	0.008178	unknown	ShapiroWilk
Nickel (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	34	0.006165	0.008564	unknown	ShapiroWilk
Nickel (mg/L)	GWA-39RZ (bg)	Yes	0.0136,0.0224	NP	NaN	13	0.006095	0.00583	normal	ShapiroWilk
Nickel (mg/L)	GWA-39Z (bg)	Yes	0.0149,0.04	NP	NaN	17	0.006696	0.009087	normal	ShapiroWilk
Nickel (mg/L)	GWA-3A (bg)	Yes	0.14	NP	NaN	33	0.02852	0.0262	normal	ShapiroWilk
Nickel (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Nickel (mg/L)	GWA-41 (bg)	No	n/a	NP	NaN	17	0.003976	0.002351	normal	ShapiroWilk
Nickel (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	17	0.003101	0.002086	normal	ShapiroWilk
Nickel (mg/L)	GWA-42 (bg)	Yes	0.01,0.01	NP	NaN	17	0.002331	0.002902	normal	ShapiroWilk
Nickel (mg/L)	GWA-43 (bg)	No	n/a	NP	NaN	17	0.002378	0.002061	normal	ShapiroWilk
Nickel (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	17	0.004741	0.001067	unknown	ShapiroWilk
Nickel (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	11	0.004151	0.001889	unknown	ShapiroWilk
Nickel (mg/L)	GWA-50 (bg)	No	n/a	NP	NaN	28	0.003271	0.001791	normal	ShapiroWilk
Nickel (mg/L)	GWA-50R (bg)	No	n/a	NP	NaN	28	0.004152	0.003468	normal	ShapiroWilk
Nickel (mg/L)	GWC-10	Yes	0.032	NP	NaN	34	0.00884	0.007241	normal	ShapiroWilk
Nickel (mg/L)	GWC-10R	n/a	n/a	NP	NaN	34	0.005377	0.004363	unknown	ShapiroWilk
Nickel (mg/L)	GWC-11	n/a	n/a	NP	NaN	34	0.004912	0.0009828	unknown	ShapiroWilk
Nickel (mg/L)	GWC-11R	n/a	n/a	NP	NaN	34	0.004962	0.000167	unknown	ShapiroWilk
Nickel (mg/L)	GWC-12	No	n/a	NP	NaN	34	0.006778	0.006131	normal	ShapiroWilk
Nickel (mg/L)	GWC-13	n/a	n/a	NP	NaN	34	0.005234	0.002071	unknown	ShapiroWilk
Nickel (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	33	0.005119	0.003176	unknown	ShapiroWilk
Nickel (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	34	0.005172	0.00234	unknown	ShapiroWilk
Nickel (mg/L)	GWC-15R	Yes	0.014	NP	NaN	34	0.004533	0.002665	normal	ShapiroWilk
Nickel (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	33	0.005906	0.003204	unknown	ShapiroWilk
Nickel (mg/L)	GWC-44	No	n/a	NP	NaN	17	0.003244	0.002165	normal	ShapiroWilk
Nickel (mg/L)	GWC-45	Yes	0.01,0.00316	NP	NaN	17	0.001815	0.00217	normal	ShapiroWilk
Nickel (mg/L)	GWC-45R	n/a	n/a	NP	NaN	17	0.004762	0.0009823	unknown	ShapiroWilk
Nickel (mg/L)	GWC-46R	n/a	n/a	NP	NaN	17	0.004782	0.0008974	unknown	ShapiroWilk
Nickel (mg/L)	GWC-47	n/a	n/a	NP	NaN	17	0.004729	0.001116	unknown	ShapiroWilk
Nickel (mg/L)	GWC-47R	No	n/a	NP	NaN	17	0.0037	0.001989	normal	ShapiroWilk
Nickel (mg/L)	GWC-48	Yes	0.01	NP	NaN	17	0.004241	0.001647	normal	ShapiroWilk
Nickel (mg/L)	GWC-49R	n/a	n/a	NP	NaN	17	0.004729	0.001116	unknown	ShapiroWilk
Nickel (mg/L)	GWC-49Z	No	n/a	NP	NaN	17	0.003658	0.002367	normal	ShapiroWilk
Nickel (mg/L)	GWC-5	No	n/a	NP	NaN	34	0.02109	0.01293	normal	ShapiroWilk
Nickel (mg/L)	GWC-6	Yes	0.0028,0.012,0.046,0.0091,0.022,0.0031,0.0025,0.0	NP	NaN	34	0.006465	0.007822	normal	ShapiroWilk
Nickel (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Nickel (mg/L)	GWC-7Z	No	n/a	NP	NaN	12	0.00264	0.002089	normal	ShapiroWilk
Nickel (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	22	0.004695	0.00107	unknown	ShapiroWilk
Nickel (mg/L)	GWC-8Z	No	n/a	NP	NaN	17	0.003906	0.001805	normal	ShapiroWilk
Nickel (mg/L)	GWC-9	Yes	0.057,0.046	NP	NaN	34	0.008294	0.01177	normal	ShapiroWilk
pH (pH units)	GWA-1 (bg)	No	n/a	NP	NaN	18	7.541	0.08018	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
pH (pH units)	GWA-2 (bg)	No	n/a	NP	NaN	18	6.27	0.4199	normal	ShapiroWilk
pH (pH units)	GWA-2R (bg)	No	n/a	NP	NaN	18	7.322	0.2884	normal	ShapiroWilk
pH (pH units)	GWA-39RZ (bg)	No	n/a	NP	NaN	20	7.56	0.2329	normal	ShapiroWilk
pH (pH units)	GWA-39Z (bg)	No	n/a	NP	NaN	19	6.45	0.4781	normal	ShapiroWilk
pH (pH units)	GWA-3A (bg)	Yes	8.04,7.85,7.94	NP	NaN	17	5.868	1.011	normal	ShapiroWilk
pH (pH units)	GWA-40 (bg)	No	n/a	NP	NaN	20	7.281	0.2692	normal	ShapiroWilk
pH (pH units)	GWA-41 (bg)	No	n/a	NP	NaN	17	6.508	0.3293	normal	ShapiroWilk
pH (pH units)	GWA-41R (bg)	No	n/a	NP	NaN	18	7.041	0.2456	normal	ShapiroWilk
pH (pH units)	GWA-42 (bg)	No	n/a	NP	NaN	18	7.494	0.1164	normal	ShapiroWilk
pH (pH units)	GWA-43 (bg)	No	n/a	NP	NaN	18	5.949	0.389	normal	ShapiroWilk
pH (pH units)	GWA-43R (bg)	No	n/a	NP	NaN	19	7.795	0.08803	normal	ShapiroWilk
pH (pH units)	GWA-4RZ (bg)	No	n/a	NP	NaN	24	7.39	0.112	normal	ShapiroWilk
pH (pH units)	GWA-50 (bg)	No	n/a	NP	NaN	18	5.796	0.244	normal	ShapiroWilk
pH (pH units)	GWA-50R (bg)	No	n/a	NP	NaN	18	5.869	0.5446	normal	ShapiroWilk
pH (pH units)	GWC-10	No	n/a	NP	NaN	18	6.972	0.4407	normal	ShapiroWilk
pH (pH units)	GWC-10R	No	n/a	NP	NaN	18	7.476	0.1245	normal	ShapiroWilk
pH (pH units)	GWC-11	No	n/a	NP	NaN	18	6.853	0.4198	normal	ShapiroWilk
pH (pH units)	GWC-11R	No	n/a	NP	NaN	19	7.772	0.1829	normal	ShapiroWilk
pH (pH units)	GWC-12	No	n/a	NP	NaN	18	6.316	0.1659	normal	ShapiroWilk
pH (pH units)	GWC-13	No	n/a	NP	NaN	18	7.327	0.08976	normal	ShapiroWilk
pH (pH units)	GWC-13RZ	Yes	8.56,9.83,6.37,6.55	NP	NaN	21	7.478	0.6823	normal	ShapiroWilk
pH (pH units)	GWC-14Z	Yes	10.61,10.32	NP	NaN	18	7.049	1.365	normal	ShapiroWilk
pH (pH units)	GWC-15R	No	n/a	NP	NaN	18	7.578	0.1195	normal	ShapiroWilk
pH (pH units)	GWC-15Z	Yes	9.23,9.52	NP	NaN	18	7.946	0.5296	normal	ShapiroWilk
pH (pH units)	GWC-44	No	n/a	NP	NaN	19	4.481	0.1412	normal	ShapiroWilk
pH (pH units)	GWC-45	No	n/a	NP	NaN	20	4.963	0.1689	normal	ShapiroWilk
pH (pH units)	GWC-45R	No	n/a	NP	NaN	18	7.238	0.1542	normal	ShapiroWilk
pH (pH units)	GWC-46R	No	n/a	NP	NaN	19	7.384	0.0907	normal	ShapiroWilk
pH (pH units)	GWC-47	No	n/a	NP	NaN	20	7.506	0.1225	normal	ShapiroWilk
pH (pH units)	GWC-47R	No	n/a	NP	NaN	19	7.664	0.1789	normal	ShapiroWilk
pH (pH units)	GWC-48	No	n/a	NP	NaN	20	5.056	0.1983	normal	ShapiroWilk
pH (pH units)	GWC-49R	No	n/a	NP	NaN	19	7.878	0.1806	normal	ShapiroWilk
pH (pH units)	GWC-49Z	No	n/a	NP	NaN	19	5.522	0.3445	normal	ShapiroWilk
pH (pH units)	GWC-5	No	n/a	NP	NaN	18	6.212	0.361	normal	ShapiroWilk
pH (pH units)	GWC-6	No	n/a	NP	NaN	18	7.352	0.1432	normal	ShapiroWilk
pH (pH units)	GWC-6RZ	No	n/a	NP	NaN	18	6.998	0.1604	normal	ShapiroWilk
pH (pH units)	GWC-7Z	No	n/a	NP	NaN	18	7.364	0.293	normal	ShapiroWilk
pH (pH units)	GWC-8RR	No	n/a	NP	NaN	19	7.971	0.1302	normal	ShapiroWilk
pH (pH units)	GWC-8Z	No	n/a	NP	NaN	18	7.387	0.5433	normal	ShapiroWilk
pH (pH units)	GWC-9	No	n/a	NP	NaN	18	5.609	0.8028	normal	ShapiroWilk
Selenium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	39	0.00465	0.00102	unknown	ShapiroWilk
Selenium (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	39	0.004926	0.0004644	unknown	ShapiroWilk
Selenium (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	38	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.004853	0.0006223	unknown	ShapiroWilk
Selenium (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	33	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	33	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-10	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Selenium (mg/L)	GWC-10R	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-11	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-11R	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-12	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-13	n/a	n/a	NP	NaN	39	0.004723	0.001357	unknown	ShapiroWilk
Selenium (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	39	0.004682	0.0009597	unknown	ShapiroWilk
Selenium (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	39	0.004826	0.0007597	unknown	ShapiroWilk
Selenium (mg/L)	GWC-15R	n/a	n/a	NP	NaN	39	0.004913	0.0005444	unknown	ShapiroWilk
Selenium (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-44	No	n/a	NP	NaN	18	0.004111	0.001486	normal	ShapiroWilk
Selenium (mg/L)	GWC-45	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-45R	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-46R	n/a	n/a	NP	NaN	18	0.004772	0.0009664	unknown	ShapiroWilk
Selenium (mg/L)	GWC-47	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-47R	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-48	n/a	n/a	NP	NaN	18	0.004772	0.0009664	unknown	ShapiroWilk
Selenium (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-49Z	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-5	n/a	n/a	NP	NaN	39	0.005287	0.001734	unknown	ShapiroWilk
Selenium (mg/L)	GWC-6	n/a	n/a	NP	NaN	39	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	22	0.004945	0.0002558	unknown	ShapiroWilk
Selenium (mg/L)	GWC-7Z	n/a	n/a	NP	NaN	18	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	27	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	22	0.005177	0.0008315	unknown	ShapiroWilk
Selenium (mg/L)	GWC-9	n/a	n/a	NP	NaN	39	0.004924	0.0004772	unknown	ShapiroWilk
Silver (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	13	0.004708	0.001054	unknown	ShapiroWilk
Silver (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	33	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	11	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-50 (bg)	No	n/a	NP	NaN	28	0.003775	0.002007	normal	ShapiroWilk
Silver (mg/L)	GWA-50R (bg)	No	n/a	NP	NaN	28	0.002357	0.0008478	normal	ShapiroWilk
Silver (mg/L)	GWC-10	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-10R	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-11	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-11R	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-12	n/a	n/a	NP	NaN	34	0.004988	0.0000686	unknown	ShapiroWilk
Silver (mg/L)	GWC-13	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	33	0.004927	0.0004178	unknown	ShapiroWilk
Silver (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-15R	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	33	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-44	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-45	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-45R	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-46R	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-47	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-47R	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/L)	GWC-48	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-49R	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-49Z	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-5	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-6	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-7Z	n/a	n/a	NP	NaN	12	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	22	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	17	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-9	n/a	n/a	NP	NaN	34	0.005	0	unknown	ShapiroWilk
Sulfate, total (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	18	1.517	0.4439	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	18	56.6	45.59	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-2R (bg)	Yes	34.3	NP	NaN	18	7.445	11.46	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	18	10.51	6.851	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	18	3.611	2.303	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-3A (bg)	Yes	5.4,5,3.4	NP	NaN	17	1.38	1.595	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-40 (bg)	Yes	4.2,7.4,3.8	NP	NaN	19	1.908	1.611	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-41 (bg)	No	n/a	NP	NaN	18	3.502	3.101	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	18	5.821	2.894	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-42 (bg)	No	n/a	NP	NaN	18	1.56	0.3942	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-43 (bg)	No	n/a	NP	NaN	18	0.7451	0.4312	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	18	5.488	1.962	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	19	21.12	2.736	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-50 (bg)	No	n/a	NP	NaN	18	0.6387	0.1481	normal	ShapiroWilk
Sulfate, total (mg/L)	GWA-50R (bg)	No	n/a	NP	NaN	18	0.945	0.2805	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-10	No	n/a	NP	NaN	18	1.347	0.3121	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-10R	No	n/a	NP	NaN	18	1.389	0.3212	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-11	No	n/a	NP	NaN	18	2.415	0.5654	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-11R	No	n/a	NP	NaN	18	2.454	0.8403	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-12	No	n/a	NP	NaN	18	0.4449	0.1185	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-13	No	n/a	NP	NaN	18	66.14	48.2	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-13RZ	No	n/a	NP	NaN	18	57.02	18.3	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-14Z	No	n/a	NP	NaN	17	4.471	2.709	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-15R	No	n/a	NP	NaN	18	9.136	1.739	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-15Z	No	n/a	NP	NaN	18	3.431	3.358	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-44	No	n/a	NP	NaN	19	25.38	19.47	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-45	No	n/a	NP	NaN	18	0.7412	0.3184	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-45R	No	n/a	NP	NaN	18	3.286	1.059	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-46R	No	n/a	NP	NaN	18	6.54	1.071	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-47	No	n/a	NP	NaN	18	4.313	0.4569	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-47R	No	n/a	NP	NaN	18	9.402	2.373	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-48	Yes	15.4,20.2	NP	NaN	20	3.573	5.04	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-49R	No	n/a	NP	NaN	19	3.325	0.9983	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-49Z	Yes	5.366,9.9	NP	NaN	18	2.552	2.148	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-5	No	n/a	NP	NaN	18	1.393	0.2911	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-6	No	n/a	NP	NaN	18	2.257	0.5645	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-6RZ	No	n/a	NP	NaN	18	1.936	0.5401	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	0.9917	0.5108	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-8RR	No	n/a	NP	NaN	18	1.002	0.3973	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-8Z	No	n/a	NP	NaN	18	1.897	0.9498	normal	ShapiroWilk
Sulfate, total (mg/L)	GWC-9	No	n/a	NP	NaN	18	2.318	0.8852	normal	ShapiroWilk
Thallium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	20	0.0009066	0.0002875	unknown	ShapiroWilk
Thallium (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	17	0.0009529	0.000194	unknown	ShapiroWilk
Thallium (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	18	0.0008956	0.000304	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Thallium (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	18	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	18	0.0009488	0.0002173	unknown	ShapiroWilk
Thallium (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	18	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	18	0.0009034	0.0002822	unknown	ShapiroWilk
Thallium (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	18	0.0009048	0.0002778	unknown	ShapiroWilk
Thallium (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	18	0.0008951	0.0003053	unknown	ShapiroWilk
Thallium (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	18	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	18	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-50R (bg)	n/a	n/a	NP	NaN	19	0.0009505	0.0002159	unknown	ShapiroWilk
Thallium (mg/L)	GWC-10	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-10R	n/a	n/a	NP	NaN	19	0.0009028	0.0002911	unknown	ShapiroWilk
Thallium (mg/L)	GWC-11	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-11R	n/a	n/a	NP	NaN	19	0.0009579	0.0001835	unknown	ShapiroWilk
Thallium (mg/L)	GWC-12	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-13	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-13RZ	n/a	n/a	NP	NaN	19	0.0009505	0.0002157	unknown	ShapiroWilk
Thallium (mg/L)	GWC-14Z	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-15R	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-15Z	n/a	n/a	NP	NaN	19	0.001399	0.00202	unknown	ShapiroWilk
Thallium (mg/L)	GWC-44	n/a	n/a	NP	NaN	18	0.0008944	0.0003072	unknown	ShapiroWilk
Thallium (mg/L)	GWC-45	n/a	n/a	NP	NaN	18	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-45R	n/a	n/a	NP	NaN	18	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-46R	No	n/a	NP	NaN	18	0.0007922	0.0004	normal	ShapiroWilk
Thallium (mg/L)	GWC-47	n/a	n/a	NP	NaN	18	0.0008456	0.0003554	unknown	ShapiroWilk
Thallium (mg/L)	GWC-47R	No	n/a	NP	NaN	18	0.0004816	0.0003344	normal	ShapiroWilk
Thallium (mg/L)	GWC-48	No	n/a	NP	NaN	18	0.0006958	0.0004427	normal	ShapiroWilk
Thallium (mg/L)	GWC-49R	n/a	n/a	NP	NaN	18	0.00095	0.0002121	unknown	ShapiroWilk
Thallium (mg/L)	GWC-49Z	n/a	n/a	NP	NaN	18	0.0009472	0.0002239	unknown	ShapiroWilk
Thallium (mg/L)	GWC-5	n/a	n/a	NP	NaN	19	0.0009518	0.0002101	unknown	ShapiroWilk
Thallium (mg/L)	GWC-6	n/a	n/a	NP	NaN	19	0.00095	0.0002179	unknown	ShapiroWilk
Thallium (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-7Z	No	n/a	NP	NaN	18	0.0008121	0.000363	normal	ShapiroWilk
Thallium (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	19	0.0009037	0.0002885	unknown	ShapiroWilk
Thallium (mg/L)	GWC-9	n/a	n/a	NP	NaN	19	0.001	0	unknown	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-1 (bg)	No	n/a	NP	NaN	18	152.7	13.65	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-2 (bg)	No	n/a	NP	NaN	18	141.8	95.31	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-2R (bg)	No	n/a	NP	NaN	18	120.1	42.37	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ (bg)	No	n/a	NP	NaN	18	164.5	33.93	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z (bg)	No	n/a	NP	NaN	17	69.06	35.77	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-3A (bg)	No	n/a	NP	NaN	17	35.97	29.67	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-40 (bg)	No	n/a	NP	NaN	18	102.3	24.58	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-41 (bg)	No	n/a	NP	NaN	18	84.67	42.85	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-41R (bg)	No	n/a	NP	NaN	18	160.9	40.24	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-42 (bg)	No	n/a	NP	NaN	18	134	19	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-43 (bg)	No	n/a	NP	NaN	18	37.31	19.65	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-43R (bg)	No	n/a	NP	NaN	18	139.2	18.9	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ (bg)	No	n/a	NP	NaN	18	253.3	58.27	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-50 (bg)	No	n/a	NP	NaN	18	19.61	12.88	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWA-50R (bg)	No	n/a	NP	NaN	18	31.67	25.85	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-10	No	n/a	NP	NaN	18	124	30.53	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	No	n/a	NP	NaN	18	147.5	35.32	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-11	No	n/a	NP	NaN	18	93.17	22.6	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	No	n/a	NP	NaN	18	131.9	17.84	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-12	No	n/a	NP	NaN	18	66	13.84	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

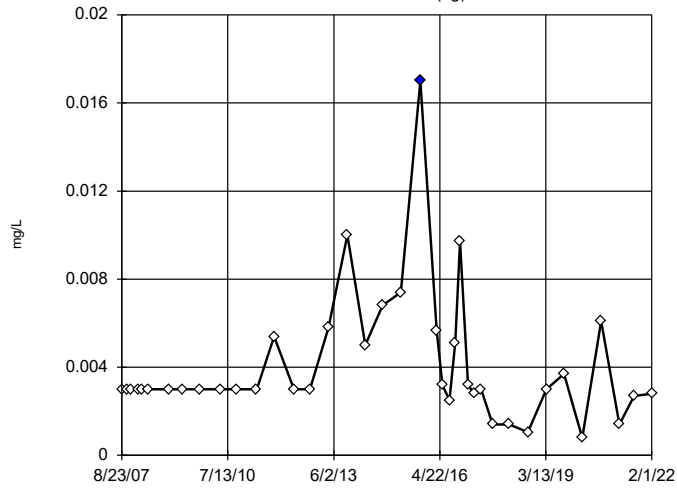
Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Total Dissolved Solids [TDS] (mg/l)	GWC-13	No	n/a	NP	NaN	18	209.2	77.31	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	Yes	110,121	NP	NaN	18	253.2	55.7	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	Yes	267	NP	NaN	18	110.3	55.13	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	No	n/a	NP	NaN	18	167.3	25.75	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	No	n/a	NP	NaN	18	118.1	38.29	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-44	Yes	206	NP	NaN	19	55.37	47.8	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-45	No	n/a	NP	NaN	18	18.11	19.27	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	No	n/a	NP	NaN	18	167.1	32.33	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	No	n/a	NP	NaN	18	231.8	25.03	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-47	No	n/a	NP	NaN	18	124.5	19	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	Yes	44	NP	NaN	18	144.6	29.72	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-48	No	n/a	NP	NaN	18	30.83	22.2	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	No	n/a	NP	NaN	18	124.8	23.93	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	No	n/a	NP	NaN	18	28.67	17.1	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-5	No	n/a	NP	NaN	18	36.5	29.2	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-6	No	n/a	NP	NaN	18	79.11	28.03	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	No	n/a	NP	NaN	18	68.83	34.52	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	No	n/a	NP	NaN	18	120.7	18.49	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	No	n/a	NP	NaN	18	107.4	9.519	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	No	n/a	NP	NaN	18	110.1	27.62	normal	ShapiroWilk
Total Dissolved Solids [TDS] (mg/l)	GWC-9	No	n/a	NP	NaN	18	55.39	43.99	normal	ShapiroWilk
Vanadium (mg/L)	GWA-1 (bg)	n/a	n/a	NP	NaN	34	0.009669	0.001445	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	34	0.009218	0.002681	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-2R (bg)	n/a	n/a	NP	NaN	34	0.009066	0.002499	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-39RZ (bg)	n/a	n/a	NP	NaN	13	0.009385	0.002219	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-39Z (bg)	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-3A (bg)	n/a	n/a	NP	NaN	33	0.009603	0.001613	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-41R (bg)	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-42 (bg)	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-43 (bg)	n/a	n/a	NP	NaN	17	0.009532	0.001931	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-43R (bg)	n/a	n/a	NP	NaN	17	0.008986	0.002872	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-4RZ (bg)	n/a	n/a	NP	NaN	11	0.009167	0.002762	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-50 (bg)	n/a	n/a	NP	NaN	28	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-50R (bg)	Yes	0.0026,0.0028	NP	NaN	28	0.008511	0.00271	normal	ShapiroWilk
Vanadium (mg/L)	GWC-10	n/a	n/a	NP	NaN	34	0.009406	0.001793	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-10R	n/a	n/a	NP	NaN	34	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-11	n/a	n/a	NP	NaN	34	0.009356	0.002102	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-11R	No	n/a	NP	NaN	34	0.0081	0.003344	normal	ShapiroWilk
Vanadium (mg/L)	GWC-12	n/a	n/a	NP	NaN	34	0.0089	0.002385	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-13	No	n/a	NP	NaN	34	0.007486	0.004123	normal	ShapiroWilk
Vanadium (mg/L)	GWC-13RZ	Yes	0.023,0.022	NP	NaN	33	0.009555	0.004041	normal	ShapiroWilk
Vanadium (mg/L)	GWC-14Z	Yes	0.012,0.0043,0.0037,0.0049,0.0061,0.0092,0.005,0.	NP	NaN	34	0.008997	0.002399	normal	ShapiroWilk
Vanadium (mg/L)	GWC-15R	n/a	n/a	NP	NaN	34	0.009729	0.001583	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-15Z	Yes	0.0027,0.021,0.0031,0.0016,0.002,0.00036,0.00095	NP	NaN	33	0.0099	0.004892	normal	ShapiroWilk
Vanadium (mg/L)	GWC-44	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-45	n/a	n/a	NP	NaN	17	0.009541	0.001892	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-45R	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-46R	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-47	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-47R	n/a	n/a	NP	NaN	17	0.009456	0.002243	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-48	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-49R	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-49Z	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-5	n/a	n/a	NP	NaN	34	0.009269	0.002408	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 3/31/2022, 10:49 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/L)	GWC-6	No	n/a	NP	NaN	34	0.008344	0.002915	normal	ShapiroWilk
Vanadium (mg/L)	GWC-6RZ	n/a	n/a	NP	NaN	17	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-7Z	n/a	n/a	NP	NaN	12	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-8RR	n/a	n/a	NP	NaN	22	0.009573	0.001386	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-8Z	n/a	n/a	NP	NaN	17	0.009706	0.001213	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-9	n/a	n/a	NP	NaN	34	0.00911	0.002269	unknown	ShapiroWilk
Zinc (mg/L)	GWA-1 (bg)	No	n/a	NP	NaN	34	0.01359	0.01152	normal	ShapiroWilk
Zinc (mg/L)	GWA-2 (bg)	Yes	0.081	NP	NaN	34	0.0168	0.01488	normal	ShapiroWilk
Zinc (mg/L)	GWA-2R (bg)	Yes	0.063	NP	NaN	34	0.01511	0.01108	normal	ShapiroWilk
Zinc (mg/L)	GWA-39RZ (bg)	No	n/a	NP	NaN	13	0.01406	0.007989	normal	ShapiroWilk
Zinc (mg/L)	GWA-39Z (bg)	No	n/a	NP	NaN	17	0.01255	0.008195	normal	ShapiroWilk
Zinc (mg/L)	GWA-3A (bg)	No	n/a	NP	NaN	33	0.05924	0.03049	normal	ShapiroWilk
Zinc (mg/L)	GWA-40 (bg)	n/a	n/a	NP	NaN	17	0.01704	0.006635	unknown	ShapiroWilk
Zinc (mg/L)	GWA-41 (bg)	n/a	n/a	NP	NaN	17	0.01723	0.006252	unknown	ShapiroWilk
Zinc (mg/L)	GWA-41R (bg)	No	n/a	NP	NaN	17	0.01513	0.007865	normal	ShapiroWilk
Zinc (mg/L)	GWA-42 (bg)	No	n/a	NP	NaN	17	0.01384	0.005162	normal	ShapiroWilk
Zinc (mg/L)	GWA-43 (bg)	No	n/a	NP	NaN	17	0.01245	0.008451	normal	ShapiroWilk
Zinc (mg/L)	GWA-43R (bg)	No	n/a	NP	NaN	17	0.01253	0.008313	normal	ShapiroWilk
Zinc (mg/L)	GWA-4RZ (bg)	No	n/a	NP	NaN	11	0.01436	0.007895	normal	ShapiroWilk
Zinc (mg/L)	GWA-50 (bg)	No	n/a	NP	NaN	28	0.01165	0.01042	normal	ShapiroWilk
Zinc (mg/L)	GWA-50R (bg)	Yes	0.075,0.056	NP	NaN	28	0.01896	0.01646	normal	ShapiroWilk
Zinc (mg/L)	GWC-10	No	n/a	NP	NaN	34	0.01753	0.01523	normal	ShapiroWilk
Zinc (mg/L)	GWC-10R	No	n/a	NP	NaN	34	0.01211	0.007762	normal	ShapiroWilk
Zinc (mg/L)	GWC-11	No	n/a	NP	NaN	34	0.01489	0.007459	normal	ShapiroWilk
Zinc (mg/L)	GWC-11R	No	n/a	NP	NaN	34	0.01244	0.00818	normal	ShapiroWilk
Zinc (mg/L)	GWC-12	Yes	0.074,0.055,0.053	NP	NaN	34	0.01631	0.01717	normal	ShapiroWilk
Zinc (mg/L)	GWC-13	Yes	0.087,0.067	NP	NaN	34	0.01837	0.01662	normal	ShapiroWilk
Zinc (mg/L)	GWC-13RZ	Yes	0.097,0.068	NP	NaN	33	0.01611	0.01999	normal	ShapiroWilk
Zinc (mg/L)	GWC-14Z	Yes	0.075,0.11,0.091	NP	NaN	34	0.01966	0.02568	normal	ShapiroWilk
Zinc (mg/L)	GWC-15R	No	n/a	NP	NaN	34	0.009512	0.007445	normal	ShapiroWilk
Zinc (mg/L)	GWC-15Z	No	n/a	NP	NaN	33	0.0171	0.0153	normal	ShapiroWilk
Zinc (mg/L)	GWC-44	No	n/a	NP	NaN	17	0.01009	0.007601	normal	ShapiroWilk
Zinc (mg/L)	GWC-45	No	n/a	NP	NaN	17	0.01195	0.007888	normal	ShapiroWilk
Zinc (mg/L)	GWC-45R	No	n/a	NP	NaN	17	0.009783	0.007881	normal	ShapiroWilk
Zinc (mg/L)	GWC-46R	No	n/a	NP	NaN	17	0.01324	0.00838	normal	ShapiroWilk
Zinc (mg/L)	GWC-47	No	n/a	NP	NaN	18	0.03226	0.009516	normal	ShapiroWilk
Zinc (mg/L)	GWC-47R	No	n/a	NP	NaN	17	0.01871	0.007603	normal	ShapiroWilk
Zinc (mg/L)	GWC-48	No	n/a	NP	NaN	17	0.01252	0.006603	normal	ShapiroWilk
Zinc (mg/L)	GWC-49R	n/a	n/a	NP	NaN	17	0.01815	0.00522	unknown	ShapiroWilk
Zinc (mg/L)	GWC-49Z	No	n/a	NP	NaN	17	0.01295	0.007847	normal	ShapiroWilk
Zinc (mg/L)	GWC-5	No	n/a	NP	NaN	34	0.06704	0.039	normal	ShapiroWilk
Zinc (mg/L)	GWC-6	No	n/a	NP	NaN	34	0.01832	0.01282	normal	ShapiroWilk
Zinc (mg/L)	GWC-6RZ	No	n/a	NP	NaN	17	0.01223	0.008625	normal	ShapiroWilk
Zinc (mg/L)	GWC-7Z	n/a	n/a	NP	NaN	12	0.01737	0.006168	unknown	ShapiroWilk
Zinc (mg/L)	GWC-8RR	No	n/a	NP	NaN	22	0.01313	0.008033	normal	ShapiroWilk
Zinc (mg/L)	GWC-8Z	No	n/a	NP	NaN	17	0.01241	0.008415	normal	ShapiroWilk
Zinc (mg/L)	GWC-9	Yes	0.075,0.077	NP	NaN	34	0.01725	0.01992	normal	ShapiroWilk

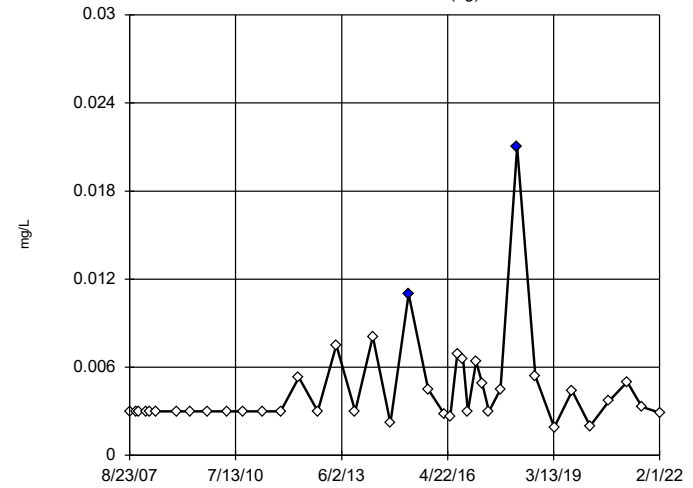
Tukey's Outlier Screening
GWA-1 (bg)



n = 39
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0114,
low cutoff = -0.0033,
based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 3/31/2022 10:29 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

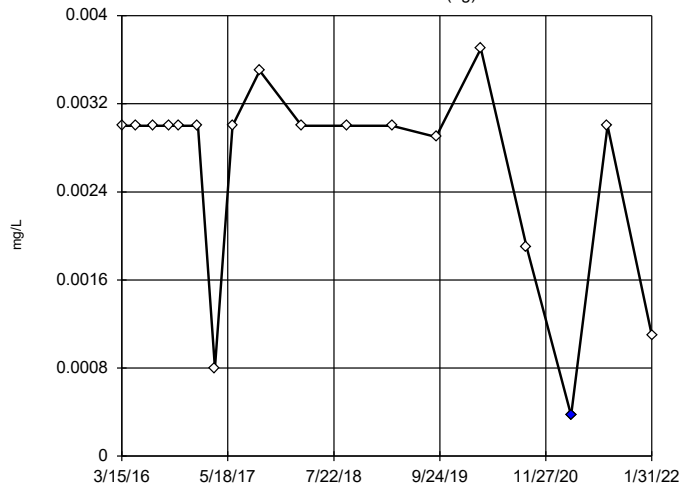
Tukey's Outlier Screening
GWA-2R (bg)



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.011,
low cutoff = -0.003, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 3/31/2022 10:29 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

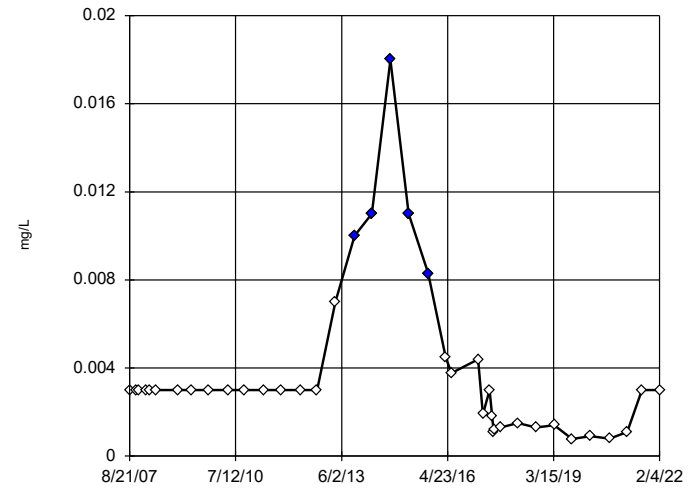
Tukey's Outlier Screening
GWA-41R (bg)



n = 18
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0048,
low cutoff = 0.0006, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 3/31/2022 10:29 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

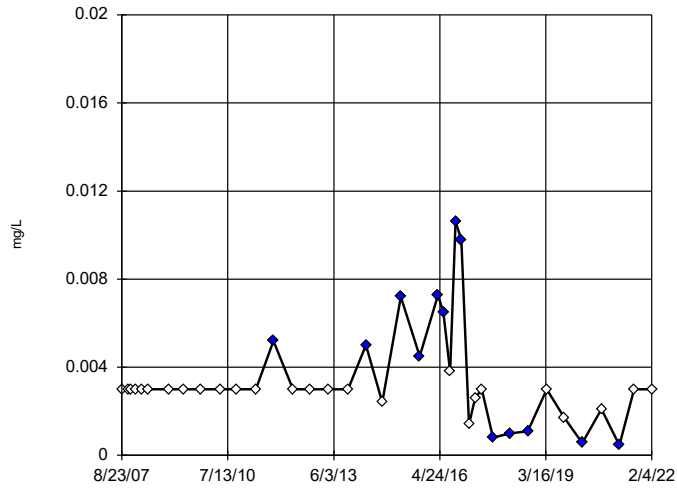
Tukey's Outlier Screening
GWC-13RZ



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0075,
low cutoff = -0.003, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 3/31/2022 10:29 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

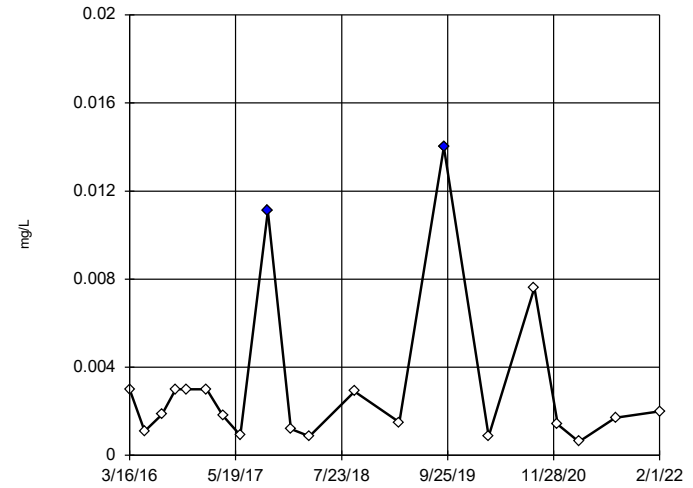
Tukey's Outlier Screening
GWC-15R



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0042,
low cutoff = 0.0014, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

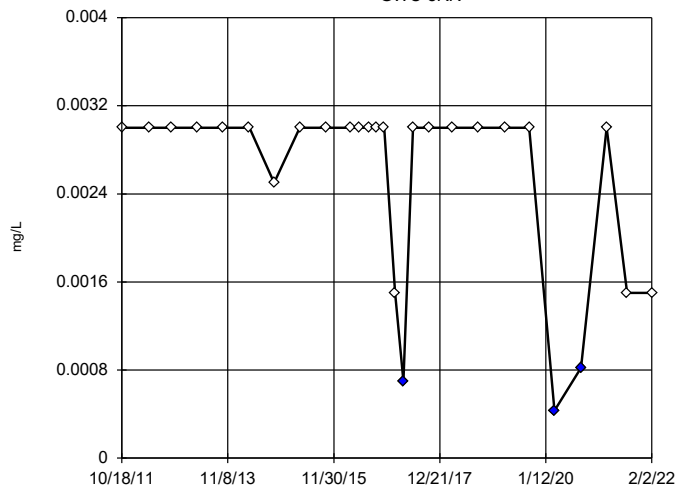
Tukey's Outlier Screening
GWC-45



n = 20
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.008565,
low cutoff = -0.00442, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

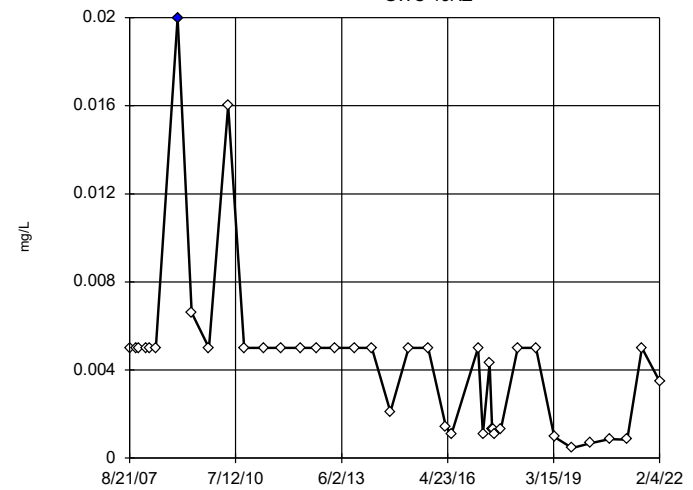
Tukey's Outlier Screening
GWC-8RR



n = 27
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0045,
low cutoff = 0.001, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

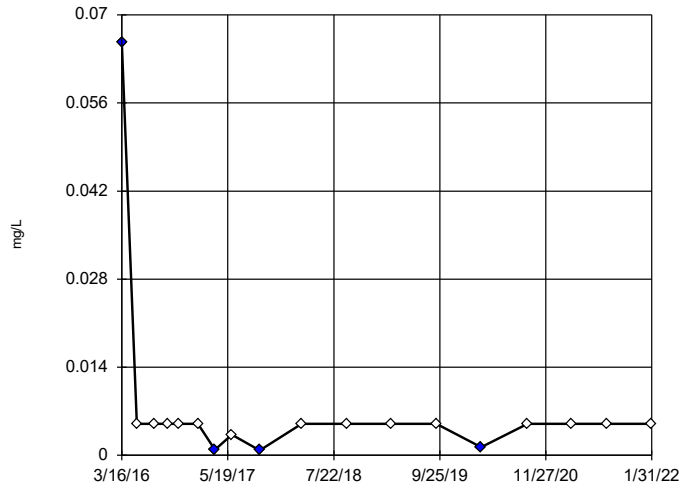
Tukey's Outlier Screening
GWC-13RZ



n = 39
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0161,
low cutoff = -0.0098, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

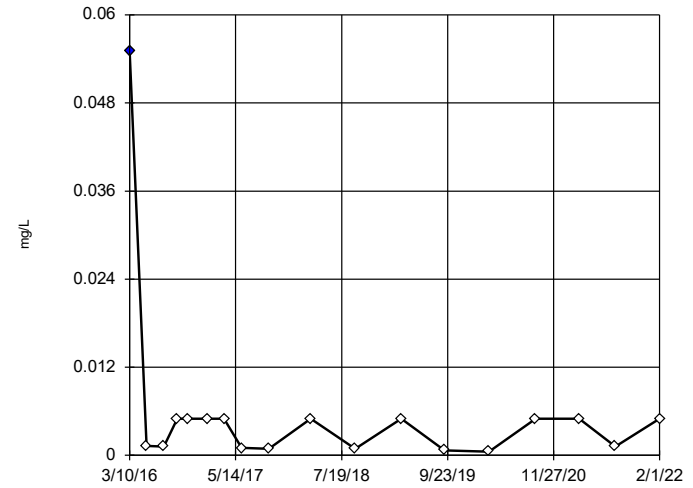
Tukey's Outlier Screening GWC-44



n = 18
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.00755,
low cutoff = 0.0016, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

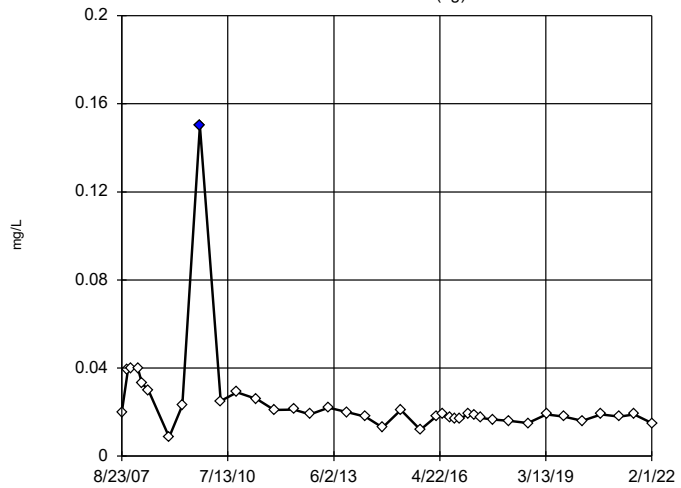
Tukey's Outlier Screening GWC-47R



n = 18
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.01713,
low cutoff = -0.01118, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

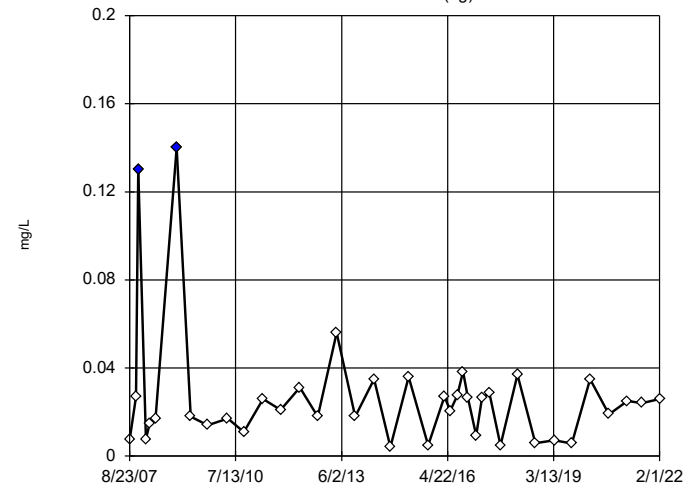
Tukey's Outlier Screening GWA-1 (bg)



n = 39
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0407,
low cutoff = -0.0006, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

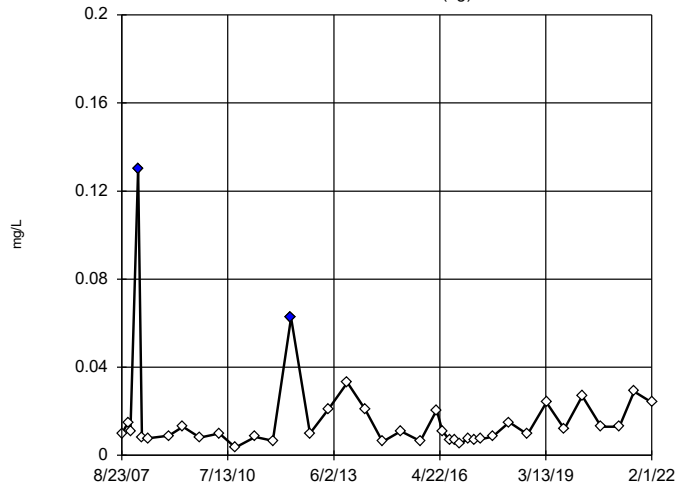
Tukey's Outlier Screening GWA-2 (bg)



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0822,
low cutoff = -0.0424, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

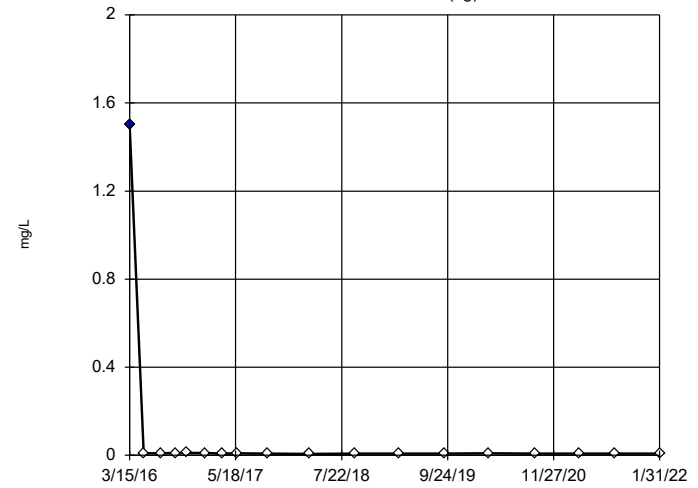
Tukey's Outlier Screening GWA-2R (bg)



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0596,
low cutoff = -0.0314,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

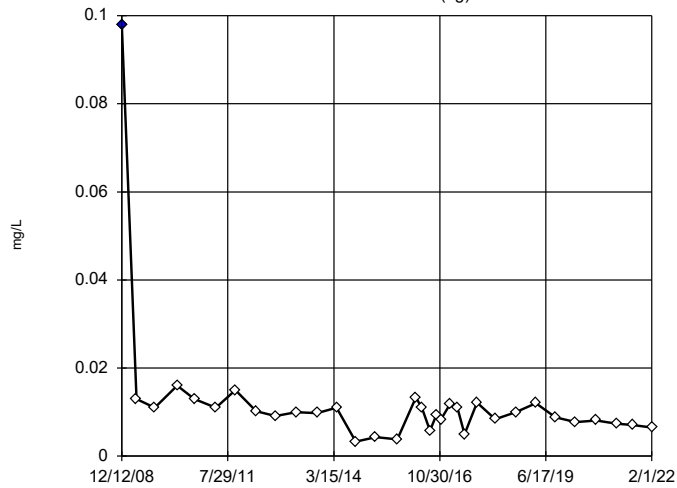
Tukey's Outlier Screening GWA-40 (bg)



n = 18
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.01694,
low cutoff = 0.00077,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

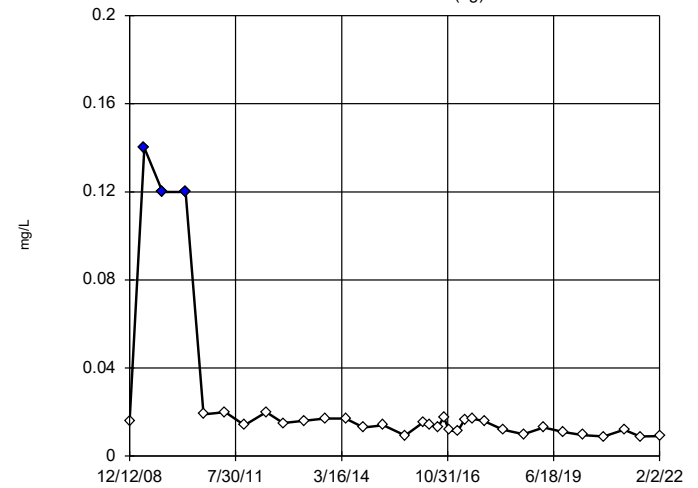
Tukey's Outlier Screening GWA-50 (bg)



n = 33
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.02475,
low cutoff = -0.00535,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

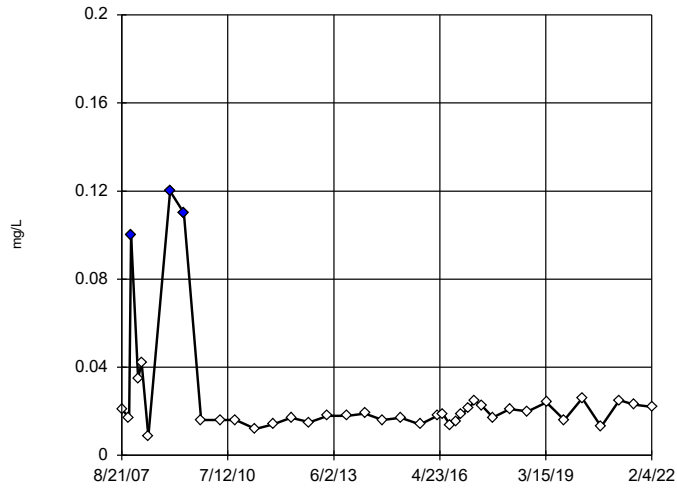
Tukey's Outlier Screening GWA-50R (bg)



n = 33
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0335,
low cutoff = -0.005, based
on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:30 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

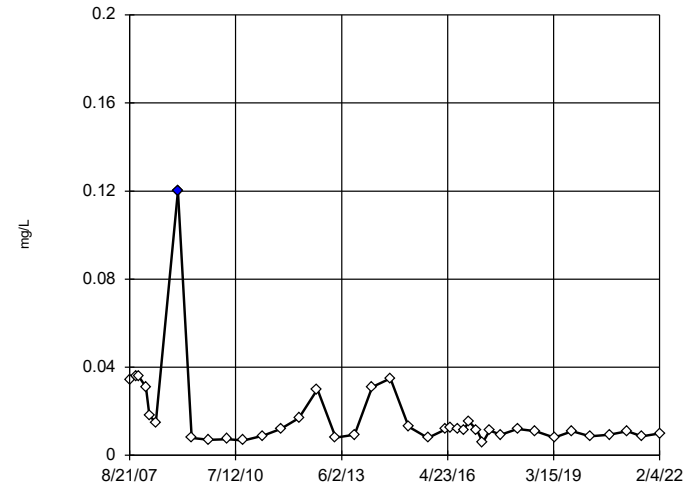
Tukey's Outlier Screening GWC-10



n = 39
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.044, low cutoff = -0.005, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

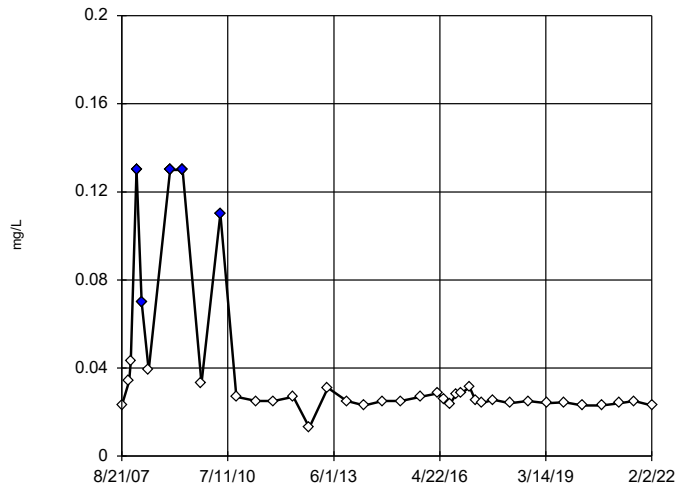
Tukey's Outlier Screening GWC-11



n = 39
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0418, low cutoff = -0.0163, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

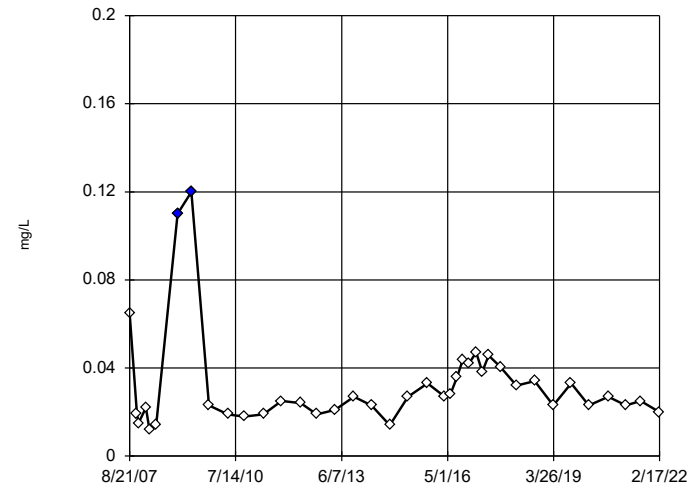
Tukey's Outlier Screening GWC-12



n = 39
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0532, low cutoff = 0.0021, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

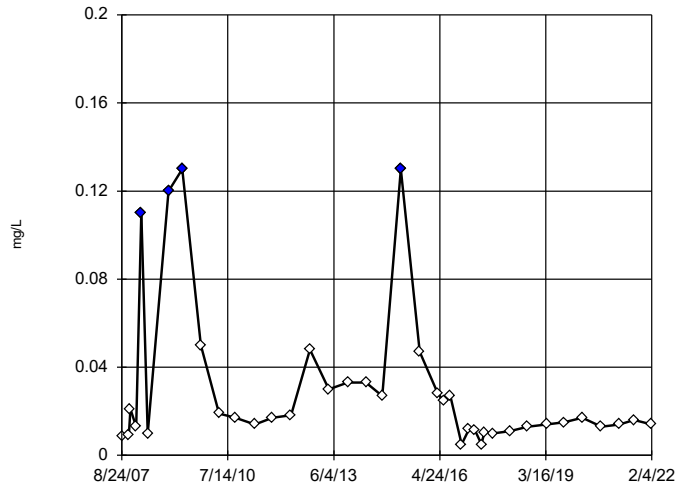
Tukey's Outlier Screening GWC-13



n = 39
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0832, low cutoff = -0.0274, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

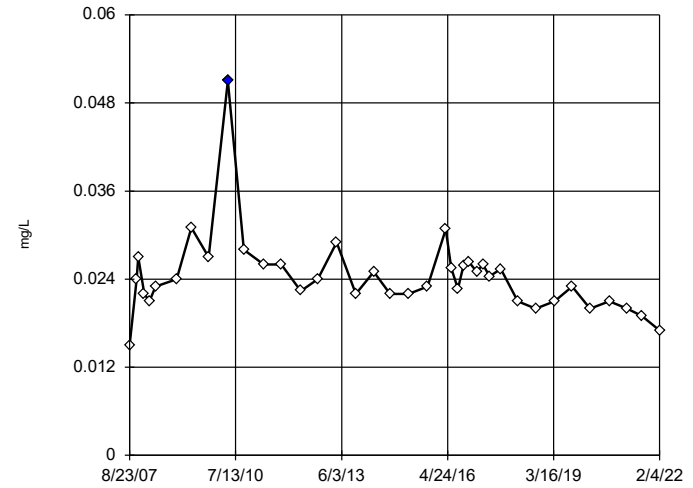
Tukey's Outlier Screening GWC-14Z



n = 39
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0843,
 low cutoff = -0.0424,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

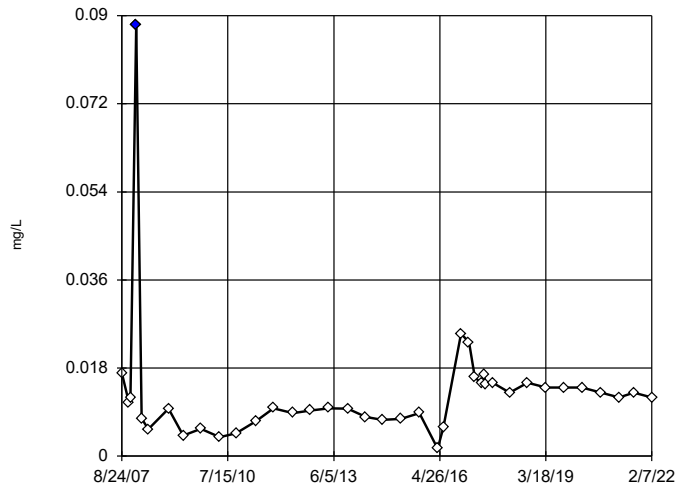
Tukey's Outlier Screening GWC-15R



n = 39
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.041, low
 cutoff = 0.006, based
 on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

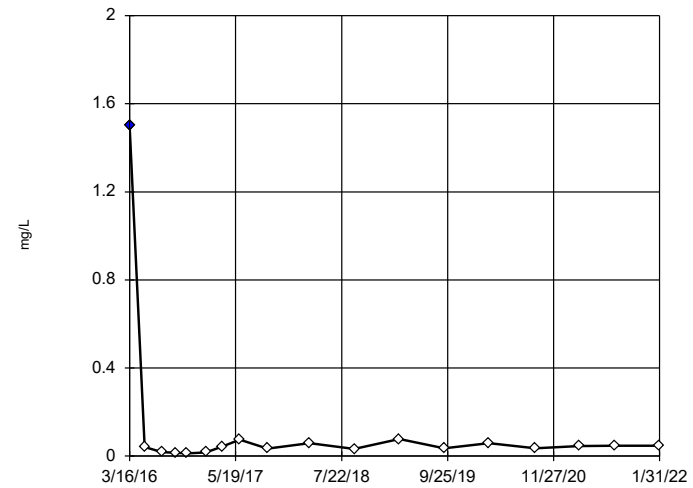
Tukey's Outlier Screening GWC-15Z



n = 39
 Outlier is drawn as solid.
 Tukey's method selected
 by user.
 High cutoff = 0.0356,
 low cutoff = -0.0134,
 based on IQR multiplier
 of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

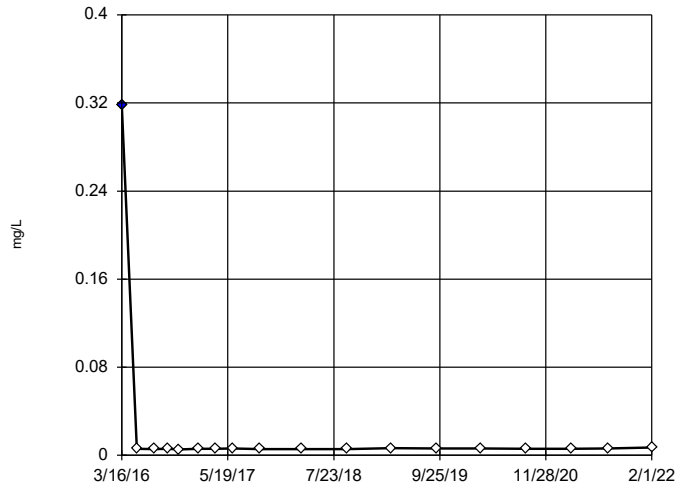
Tukey's Outlier Screening GWC-44



n = 18
 Outlier is drawn as solid.
 Tukey's method selected
 by user.
 High cutoff = 0.1612,
 low cutoff = -0.0772,
 based on IQR multiplier
 of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

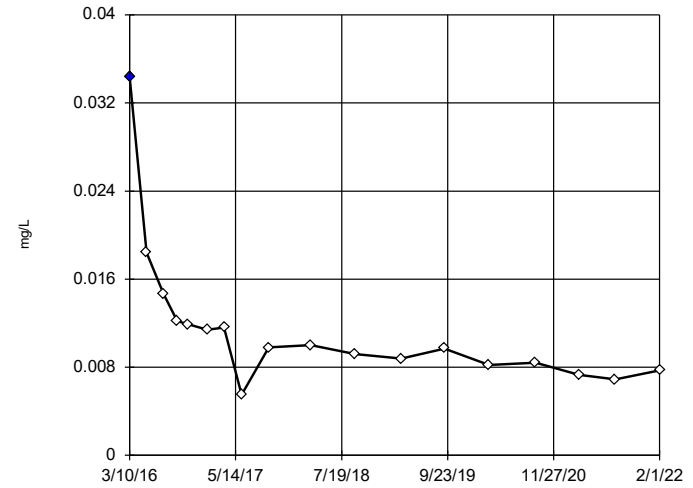
Tukey's Outlier Screening
GWC-45



n = 18
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0075,
low cutoff = 0.00435,
based on IQR multiplier
of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

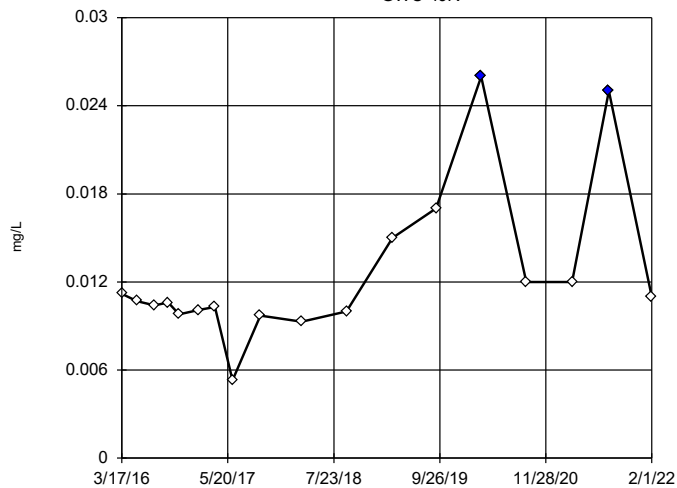
Tukey's Outlier Screening
GWC-47R



n = 18
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.02435,
low cutoff = -0.00435,
based on IQR multiplier
of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

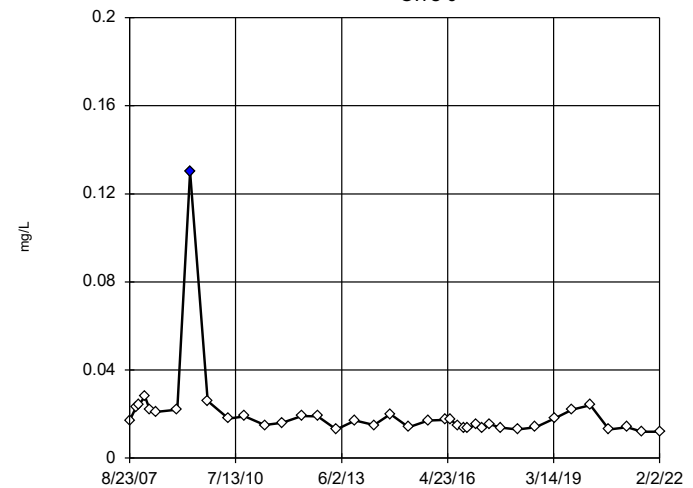
Tukey's Outlier Screening
GWC-49R



n = 18
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0243,
low cutoff = -0.0009,
based on IQR multiplier
of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

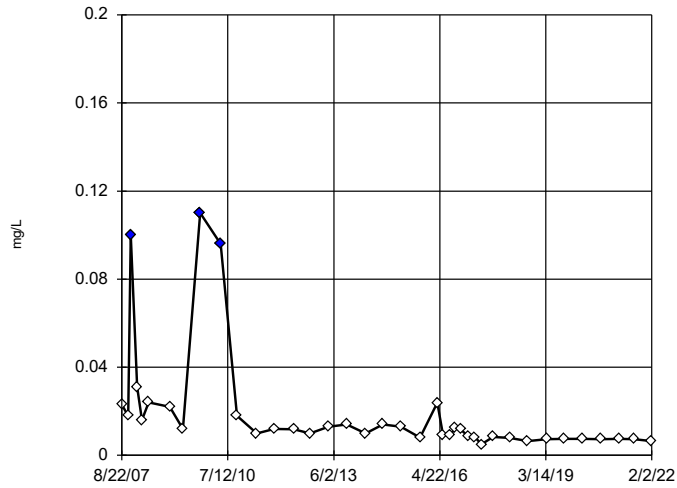
Tukey's Outlier Screening
GWC-5



n = 39
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.042, low
cutoff = -0.007, based
on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

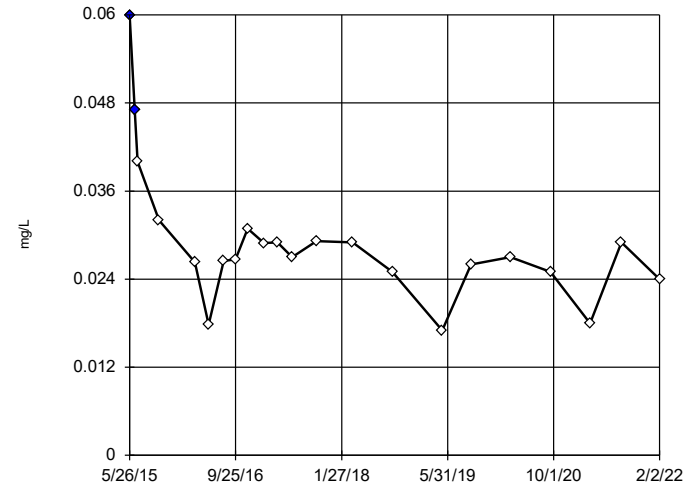
Tukey's Outlier Screening
GWC-6



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0483,
low cutoff = -0.0224,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

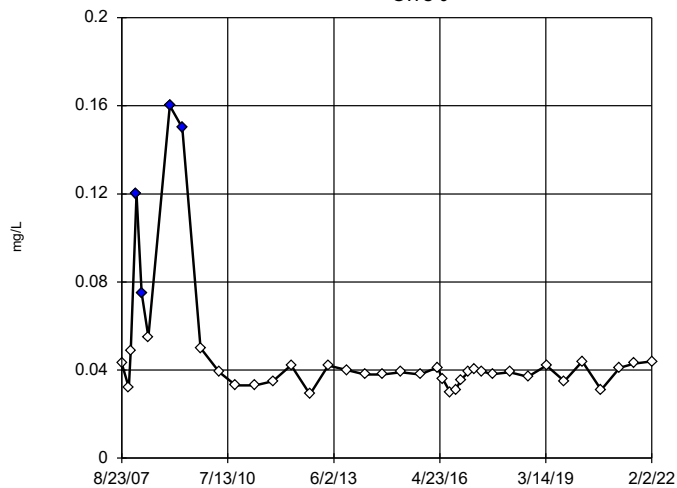
Tukey's Outlier Screening
GWC-8Z



n = 22
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0452,
low cutoff = 0.00985,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

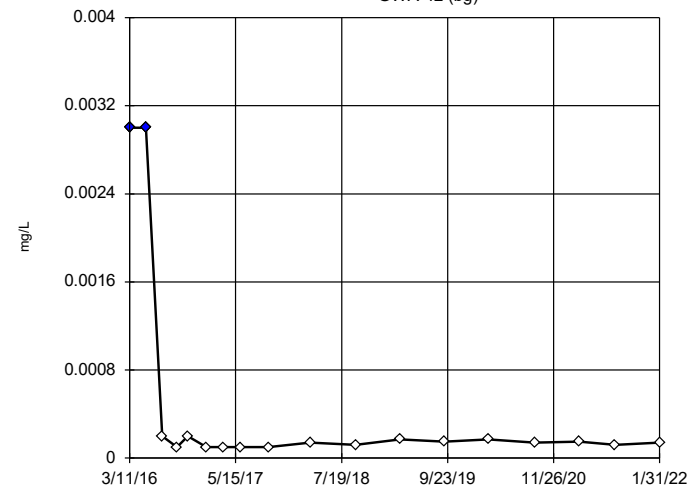
Tukey's Outlier Screening
GWC-9



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0652,
low cutoff = 0.0134, based
on IQR multiplier of 3.

Constituent: Barium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

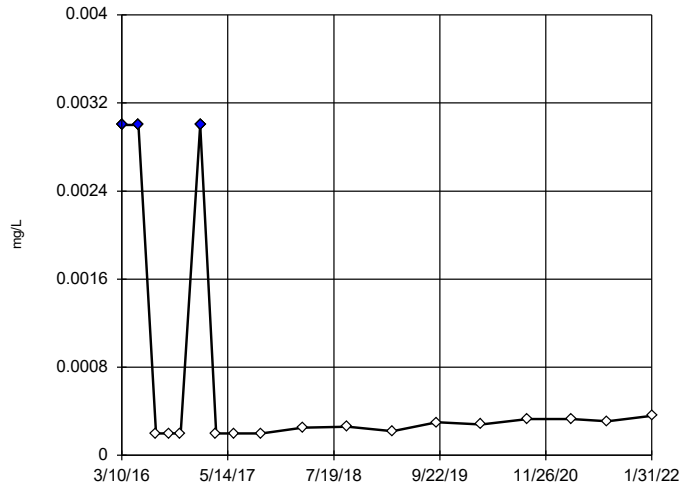
Tukey's Outlier Screening
GWA-42 (bg)



n = 18
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.00044,
low cutoff = -0.000155,
based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

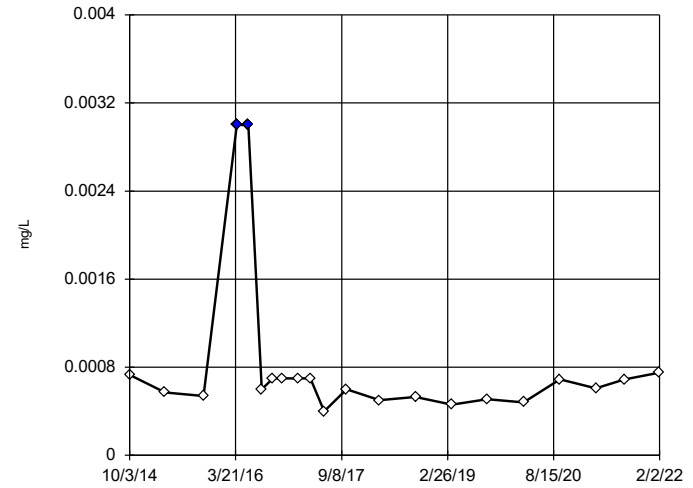
Tukey's Outlier Screening GWC-48



n = 18
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.00078,
low cutoff = -0.000235,
based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

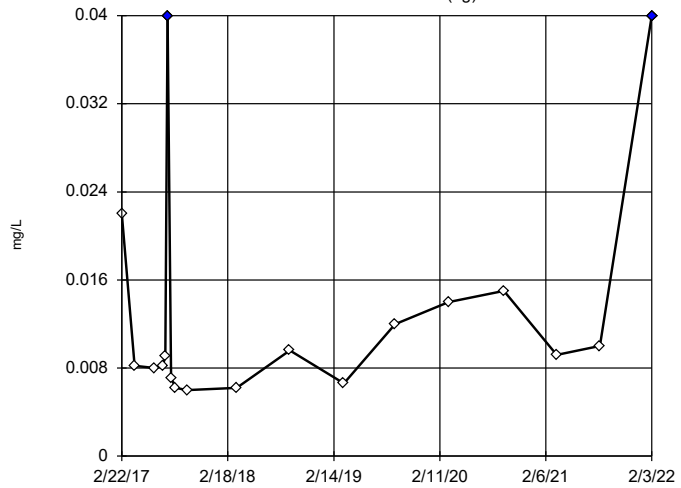
Tukey's Outlier Screening GWC-5



n = 21
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.00124,
low cutoff = -0.00002,
based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 3/31/2022 10:31 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

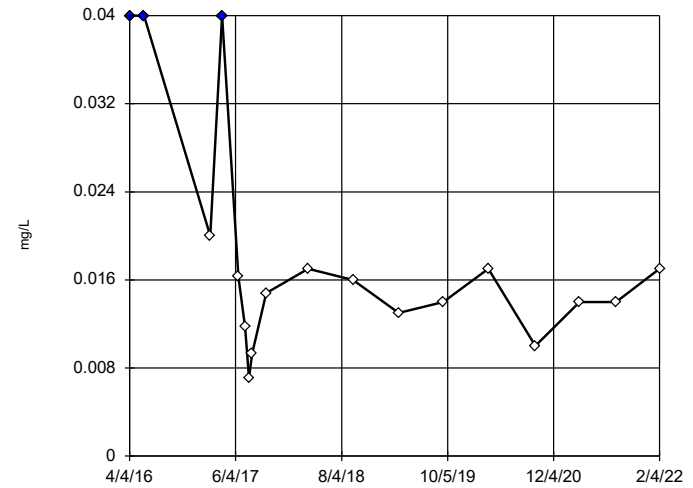
Tukey's Outlier Screening GWA-4RZ (bg)



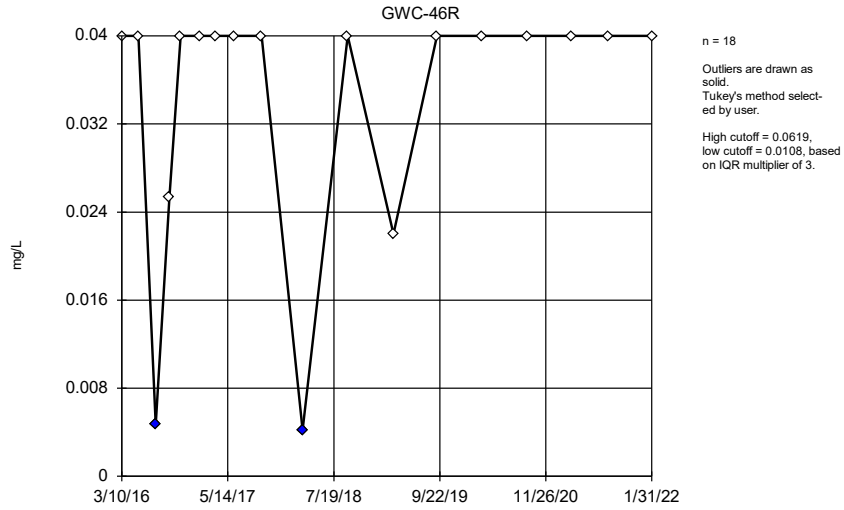
n = 18
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.03745,
low cutoff = -0.0161,
based on IQR multiplier of 3.

Constituent: Boron, total Analysis Run 3/31/2022 10:32 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening GWC-13RZ

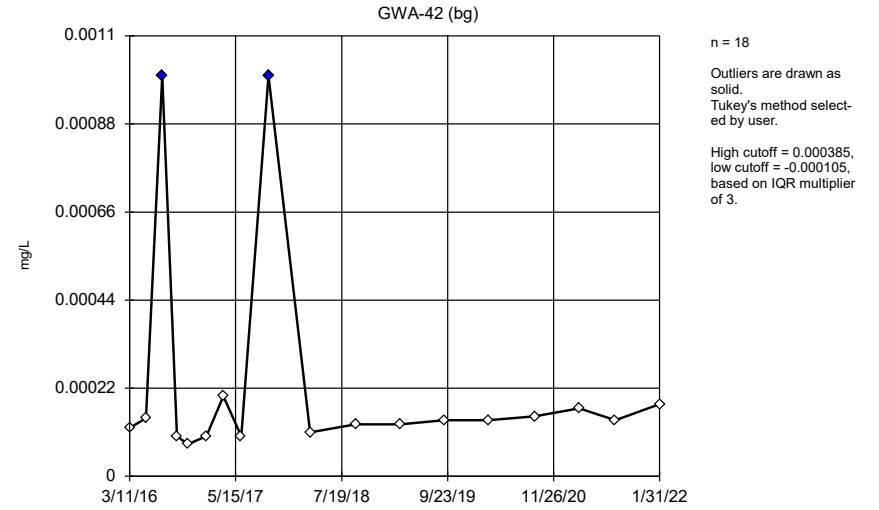


Tukey's Outlier Screening



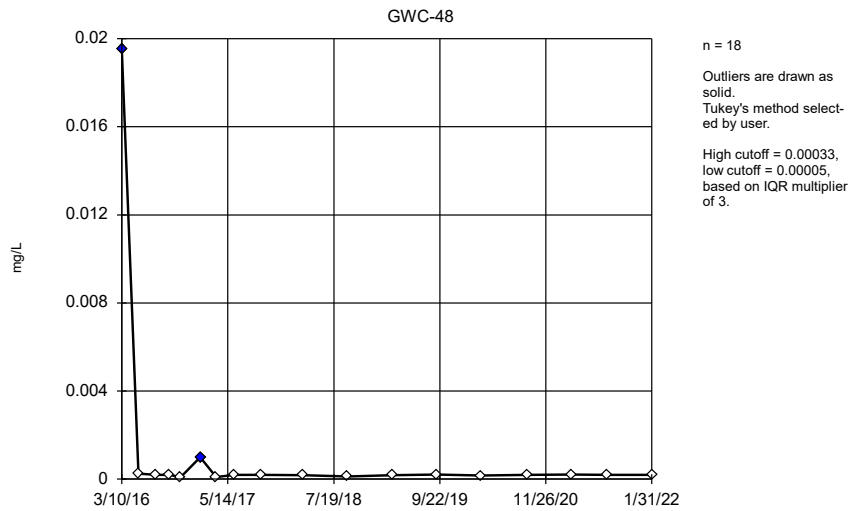
Constituent: Boron, total Analysis Run 3/31/2022 10:32 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening



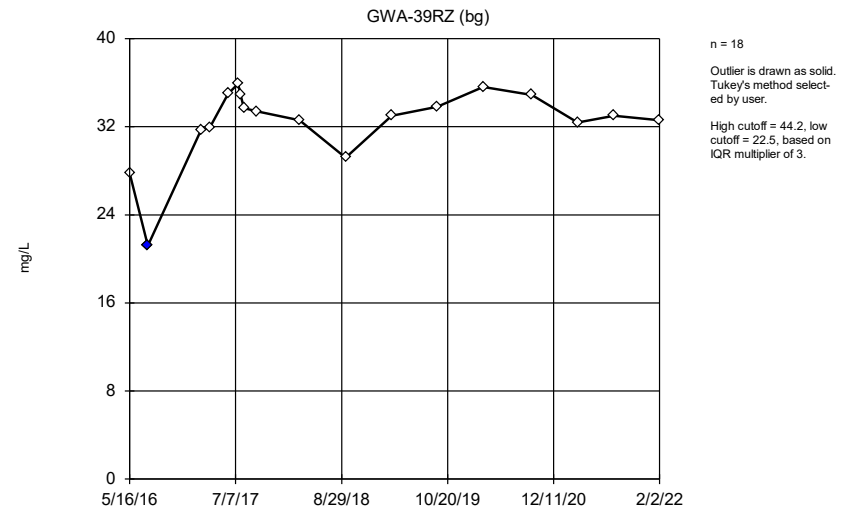
Constituent: Cadmium Analysis Run 3/31/2022 10:32 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening



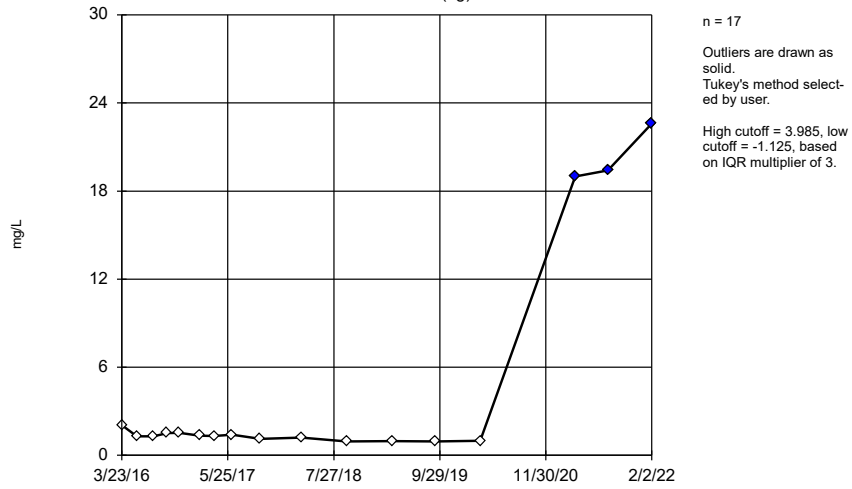
Constituent: Cadmium Analysis Run 3/31/2022 10:32 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening

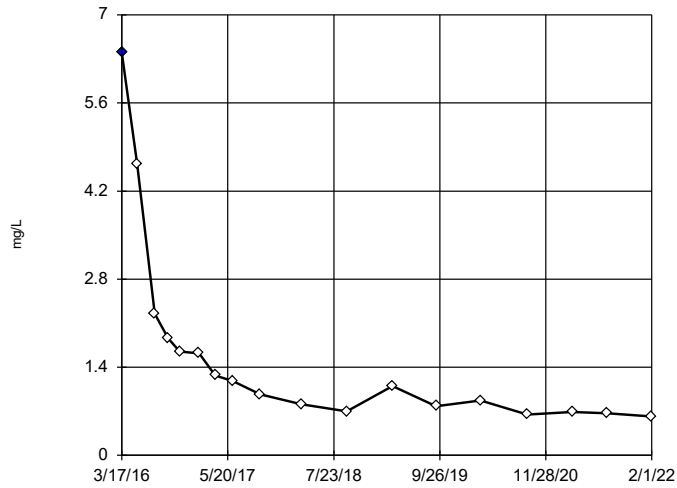


Constituent: Calcium, total Analysis Run 3/31/2022 10:33 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening
GWA-3A (bg)



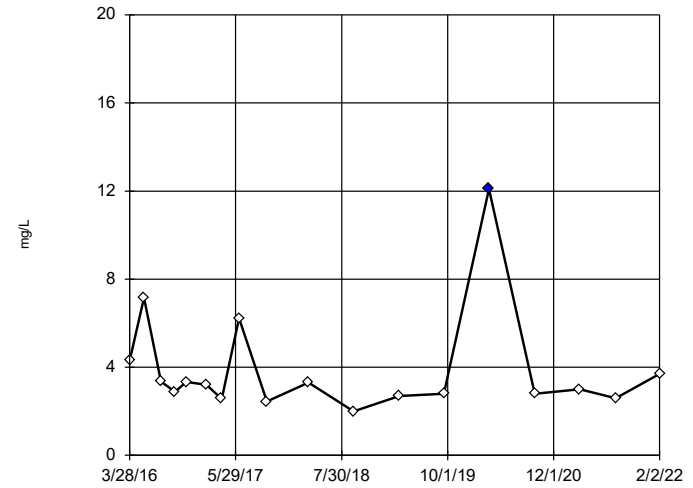
Tukey's Outlier Screening GWC-49Z



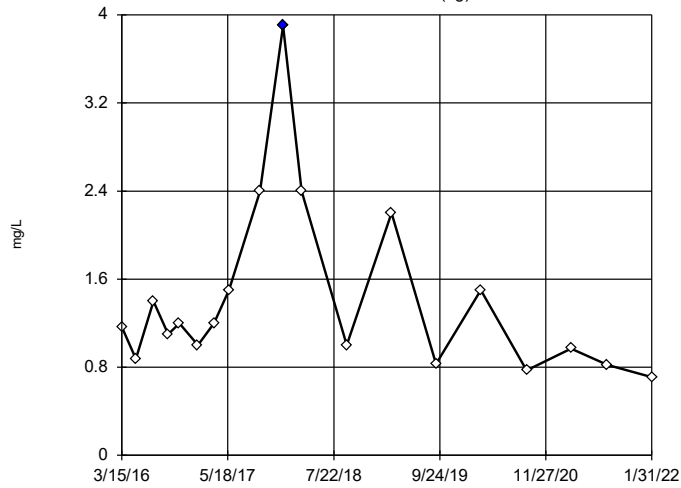
n = 18
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 4.935, low cutoff = -2.485, based on IQR multiplier of 3.

Constituent: Calcium, total Analysis Run 3/31/2022 10:33 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening GWC-5



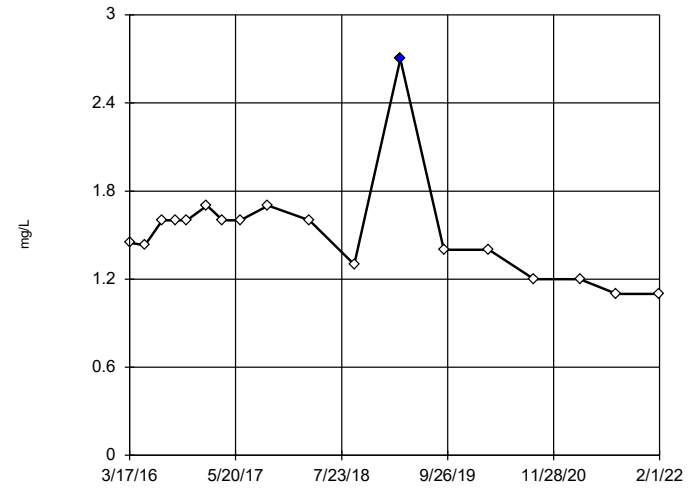
Tukey's Outlier Screening GWA-40 (bg)



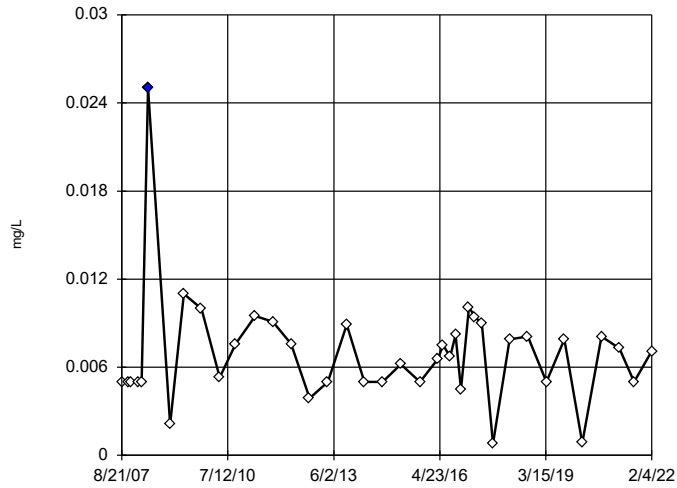
n = 19
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 3.371, low cutoff = -0.9948, based on IQR multiplier of 3.

Constituent: Chloride, Total Analysis Run 3/31/2022 10:33 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening GWC-49R



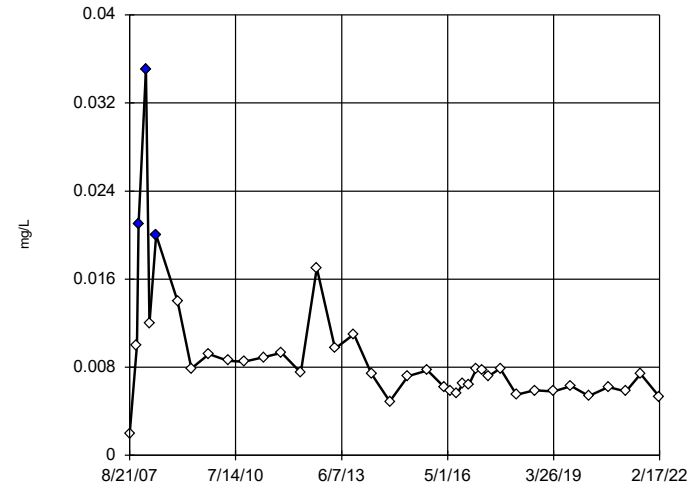
Tukey's Outlier Screening
GWC-11



n = 39
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0178,
low cutoff = -0.0046,
based on IQR multiplier
of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

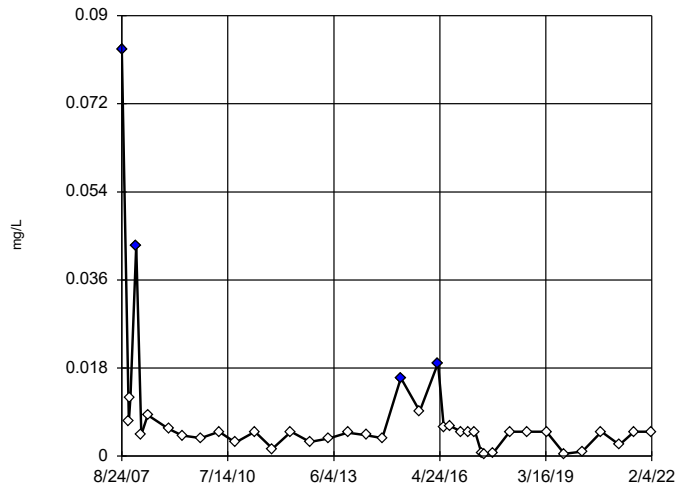
Tukey's Outlier Screening
GWC-13



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0195,
low cutoff = -0.0043,
based on IQR multiplier
of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

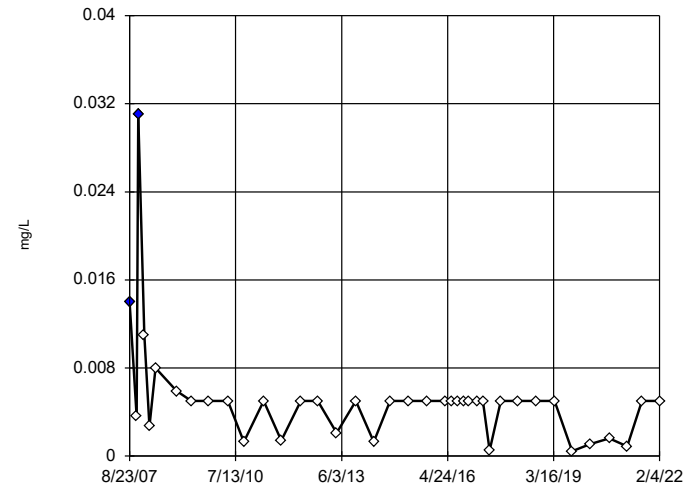
Tukey's Outlier Screening
GWC-14Z



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0132,
low cutoff = -0.0036,
based on IQR multiplier
of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

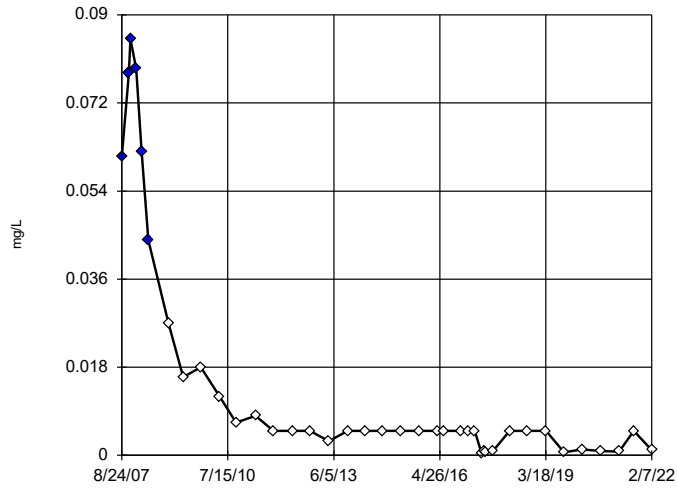
Tukey's Outlier Screening
GWC-15R



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0119,
low cutoff = -0.0042,
based on IQR multiplier
of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

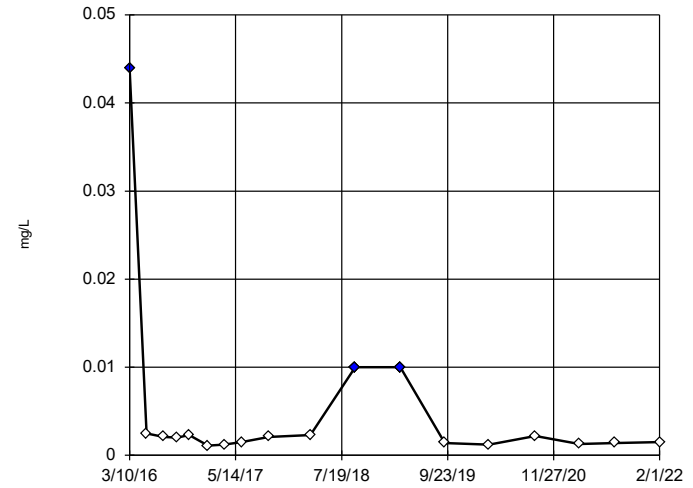
Tukey's Outlier Screening
GWC-15Z



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0393,
low cutoff = -0.0244,
based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

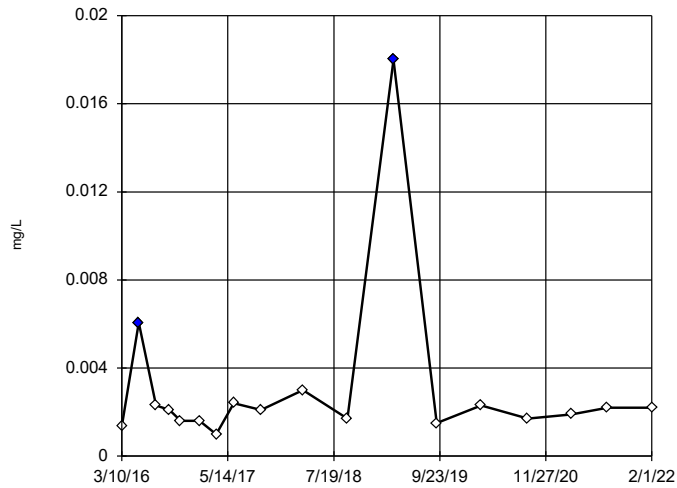
Tukey's Outlier Screening
GWC-47



n = 18
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.00551,
low cutoff = -0.00177,
based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

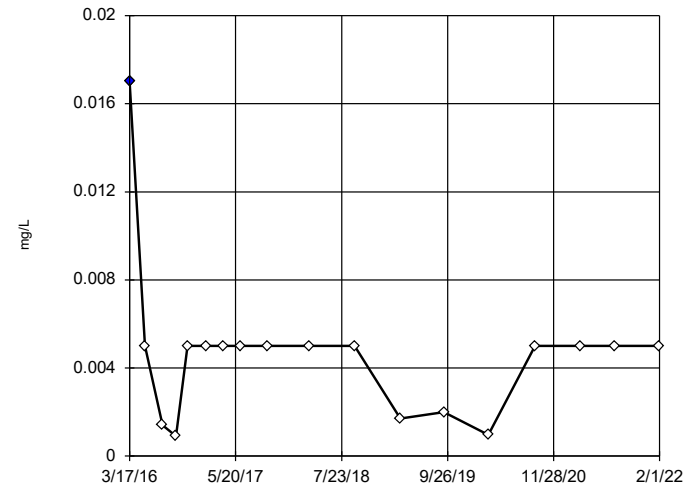
Tukey's Outlier Screening
GWC-47R



n = 18
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0046,
low cutoff = -0.00065,
based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

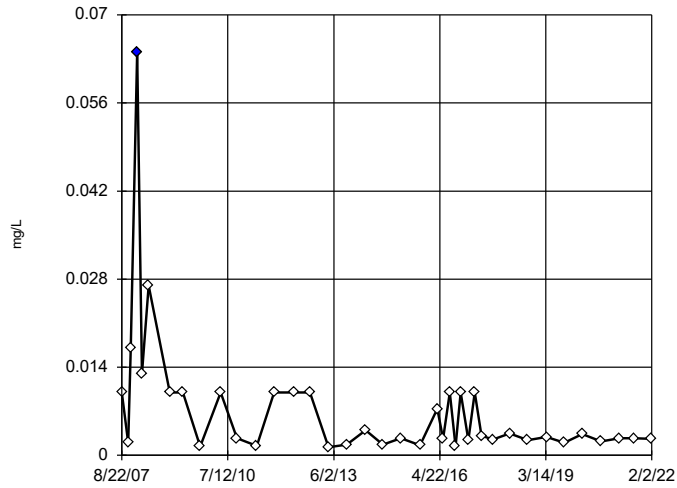
Tukey's Outlier Screening
GWC-49Z



n = 18
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.01445,
low cutoff = -0.0076,
based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

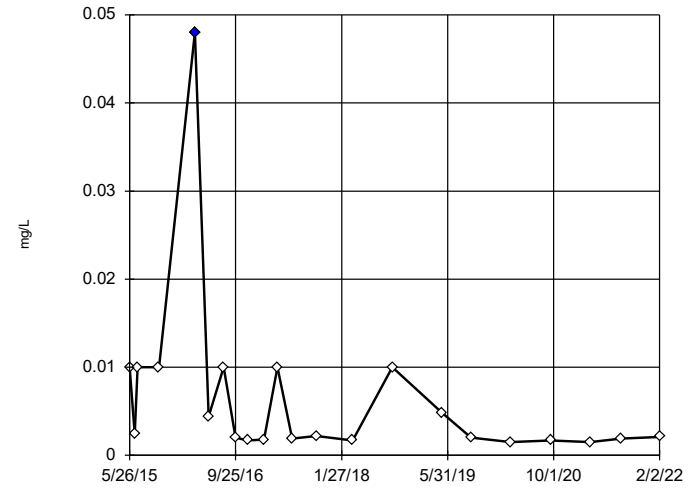
Tukey's Outlier Screening GWC-6



n = 39
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0334,
 low cutoff = -0.0212,
 based on IQR multiplier
 of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

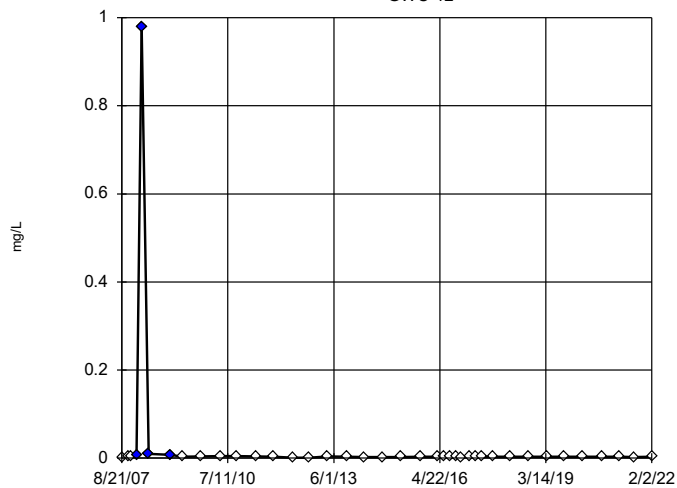
Tukey's Outlier Screening GWC-8Z



n = 22
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.03475,
 low cutoff = -0.023,
 based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 3/31/2022 10:34 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

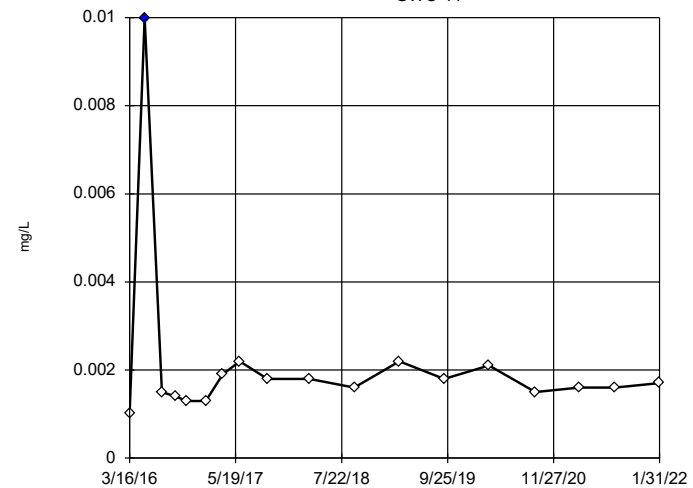
Tukey's Outlier Screening GWC-12



n = 39
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0069,
 low cutoff = -0.0001,
 based on IQR multiplier
 of 3.

Constituent: Cobalt Analysis Run 3/31/2022 10:35 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

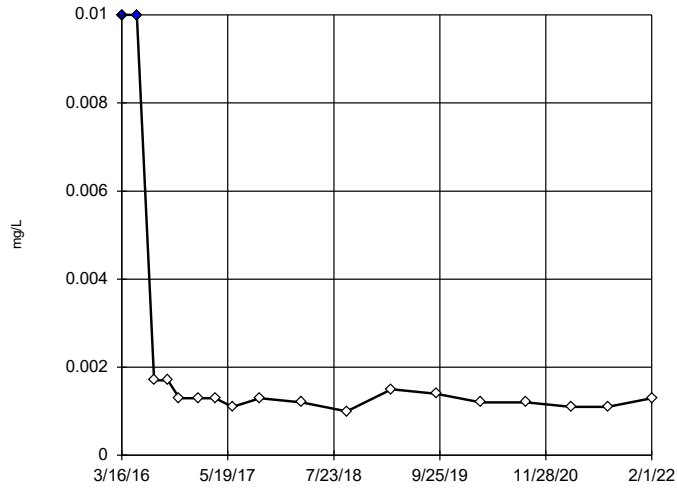
Tukey's Outlier Screening GWC-44



n = 18
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.00365,
 low cutoff = -0.0002,
 based on IQR multiplier
 of 3.

Constituent: Cobalt Analysis Run 3/31/2022 10:35 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

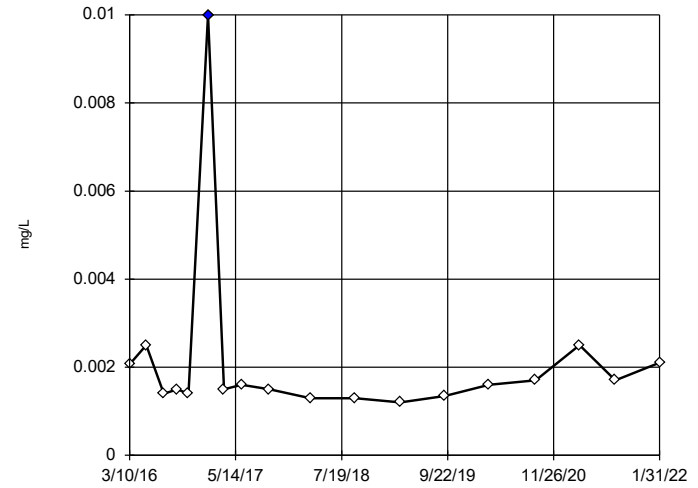
Tukey's Outlier Screening
GWC-45



n = 18
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.00295,
low cutoff = -0.0002,
based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/31/2022 10:35 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

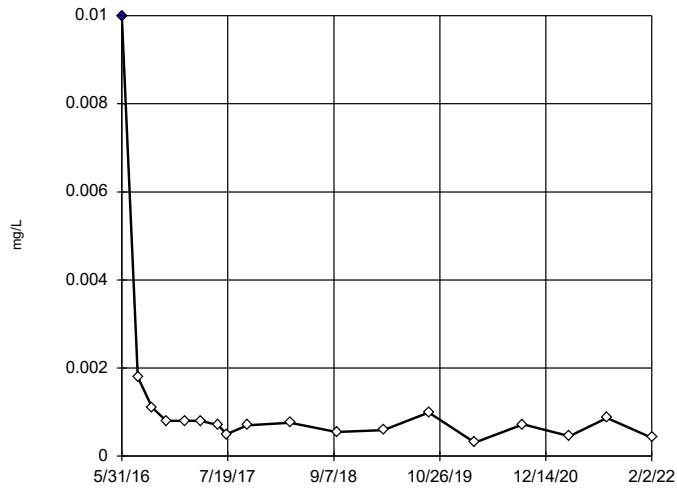
Tukey's Outlier Screening
GWC-48



n = 18
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.004215,
low cutoff = -0.000755,
based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/31/2022 10:35 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

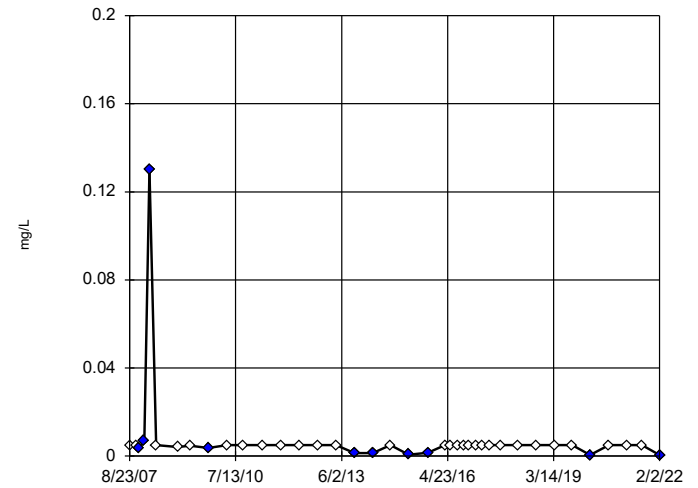
Tukey's Outlier Screening
GWC-7Z



n = 18
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.002145,
low cutoff = -0.00069,
based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/31/2022 10:35 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

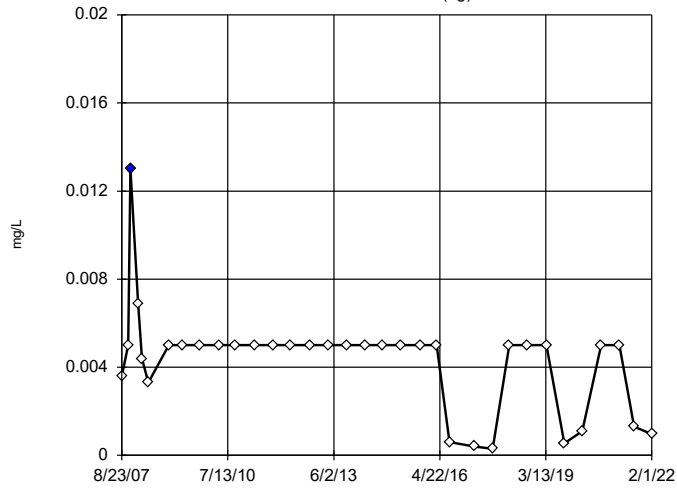
Tukey's Outlier Screening
GWC-9



n = 39
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0059,
low cutoff = 0.0038, based
on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 3/31/2022 10:35 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

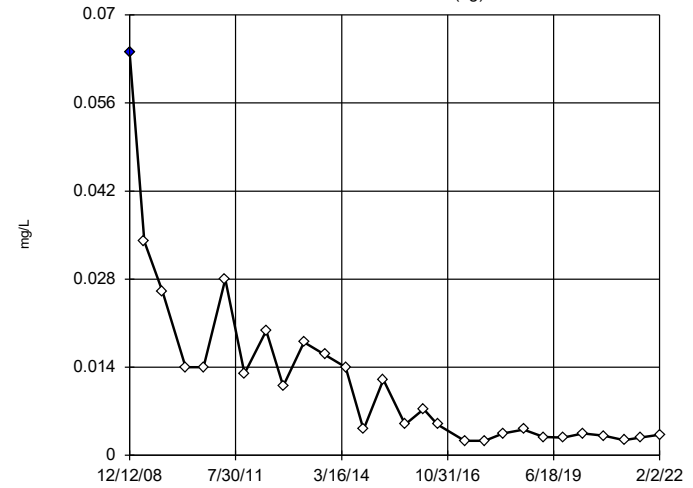
Tukey's Outlier Screening GWA-2R (bg)



n = 34
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.00965,
 low cutoff = -0.0012,
 based on IQR multiplier
 of 3.

Constituent: Copper Analysis Run 3/31/2022 10:35 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

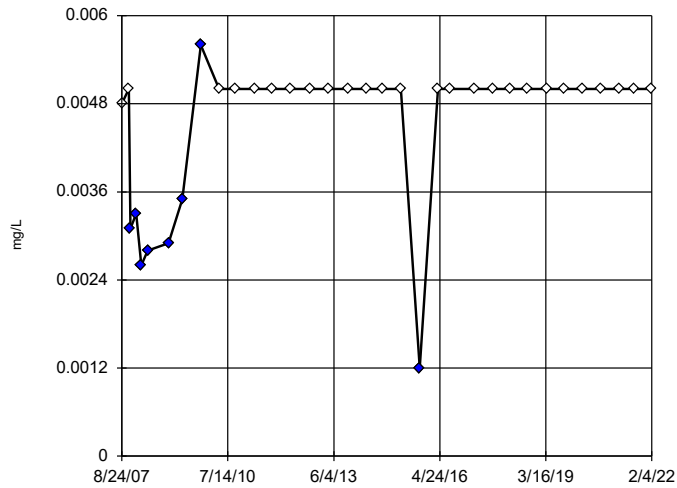
Tukey's Outlier Screening GWA-50R (bg)



n = 28
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0504,
 low cutoff = -0.0322,
 based on IQR multiplier
 of 3.

Constituent: Copper Analysis Run 3/31/2022 10:35 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

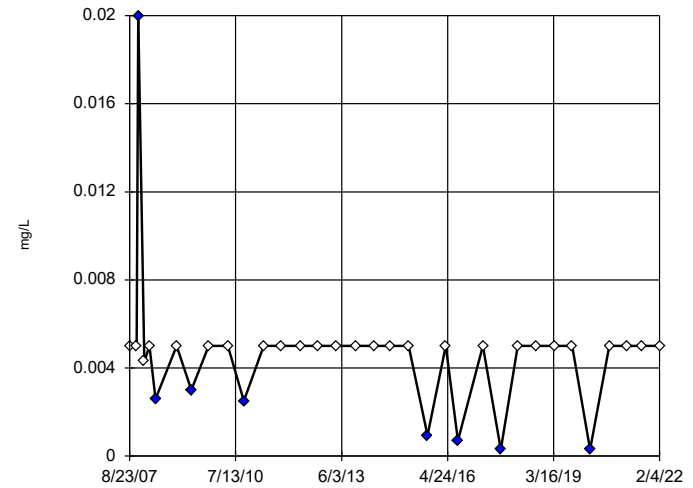
Tukey's Outlier Screening GWC-14Z



n = 34
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0053,
 low cutoff = 0.0046, based
 on IQR multiplier of 3.

Constituent: Copper Analysis Run 3/31/2022 10:35 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

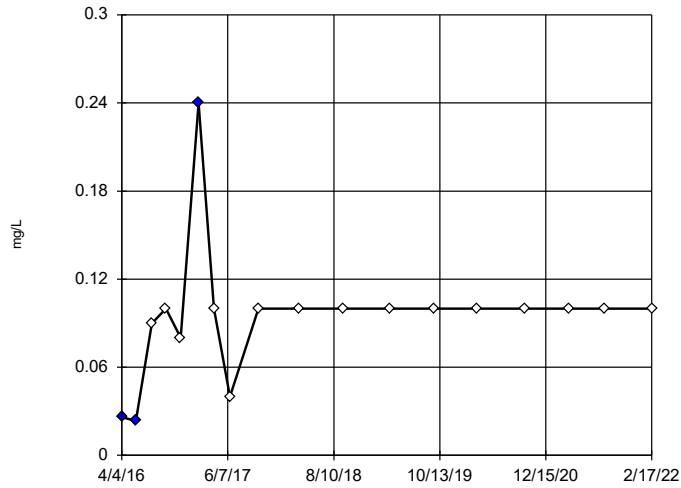
Tukey's Outlier Screening GWC-15R



n = 34
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.00605,
 low cutoff = 0.0036, based
 on IQR multiplier of 3.

Constituent: Copper Analysis Run 3/31/2022 10:35 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

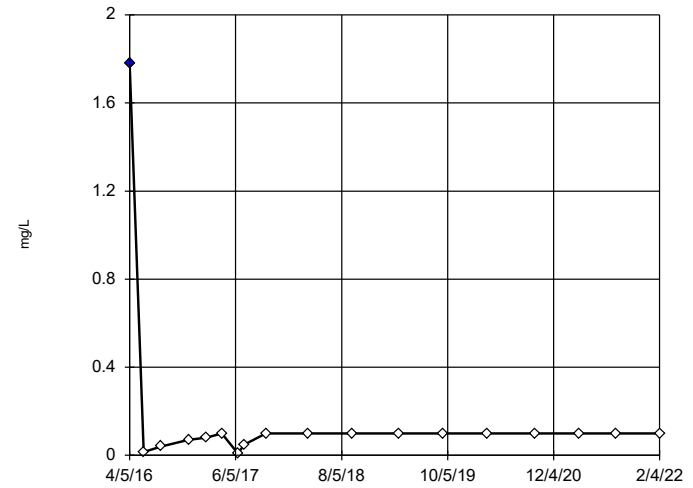
Tukey's Outlier Screening GWC-13



n = 18
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.145, low cutoff = 0.04, based on IQR multiplier of 3.

Constituent: Fluoride, total Analysis Run 3/31/2022 10:36 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

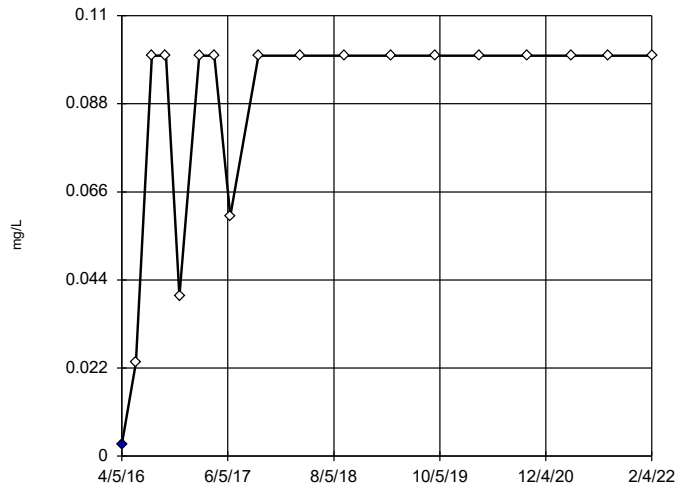
Tukey's Outlier Screening GWC-14Z



n = 18
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.22, low cutoff = -0.06, based on IQR multiplier of 3.

Constituent: Fluoride, total Analysis Run 3/31/2022 10:36 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

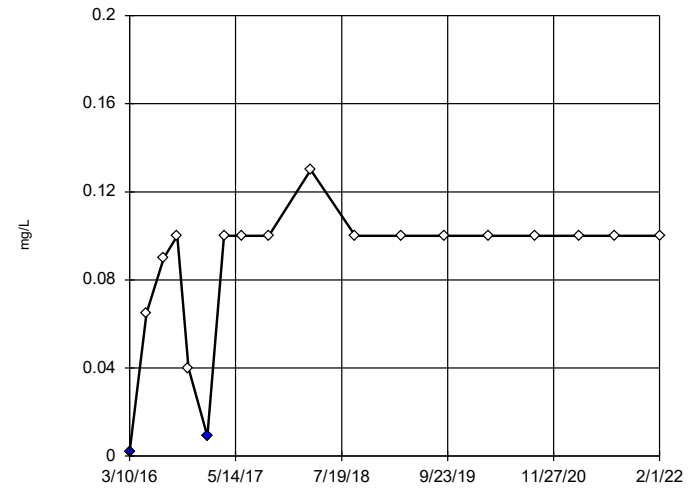
Tukey's Outlier Screening GWC-15R



n = 18
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.16, low cutoff = 0.02, based on IQR multiplier of 3.

Constituent: Fluoride, total Analysis Run 3/31/2022 10:36 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

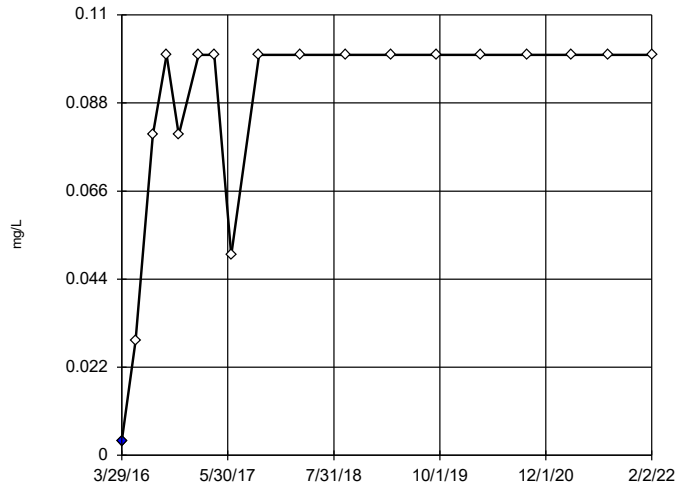
Tukey's Outlier Screening GWC-47R



n = 18
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.1675, low cutoff = 0.01, based on IQR multiplier of 3.

Constituent: Fluoride, total Analysis Run 3/31/2022 10:36 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

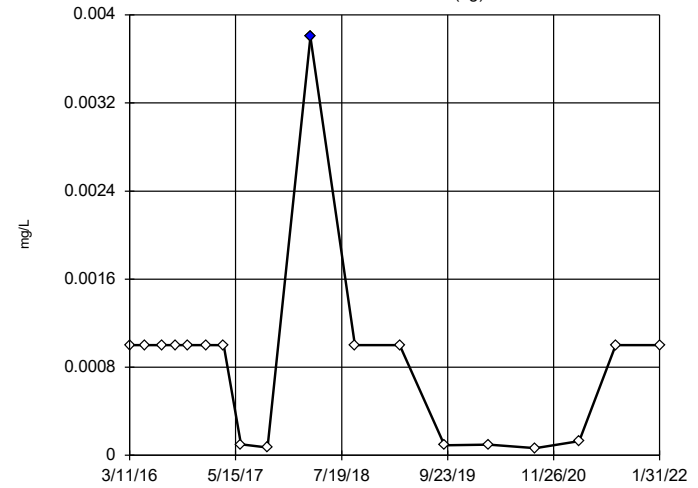
Tukey's Outlier Screening
GWC-6RZ



n = 18
Outlier is drawn as solid. Tukey's method selected by user.
High cutoff = 0.16, low cutoff = 0.02, based on IQR multiplier of 3.

Constituent: Fluoride, total Analysis Run 3/31/2022 10:36 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

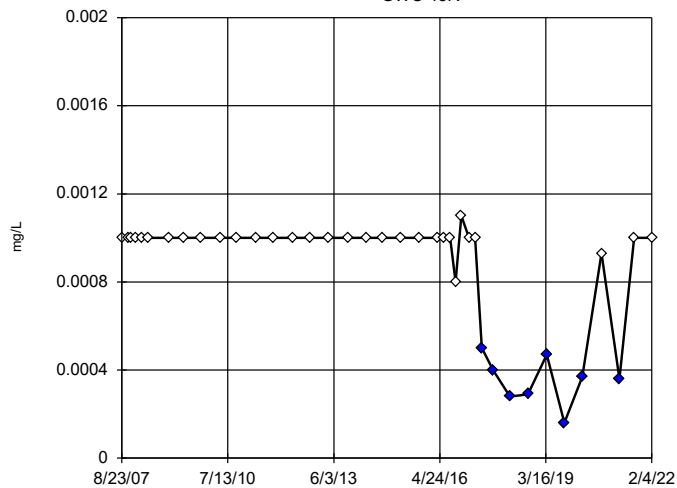
Tukey's Outlier Screening
GWA-43R (bg)



n = 18
Outlier is drawn as solid. Tukey's method selected by user.
High cutoff = 0.003706, low cutoff = -0.002608, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 3/31/2022 10:36 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

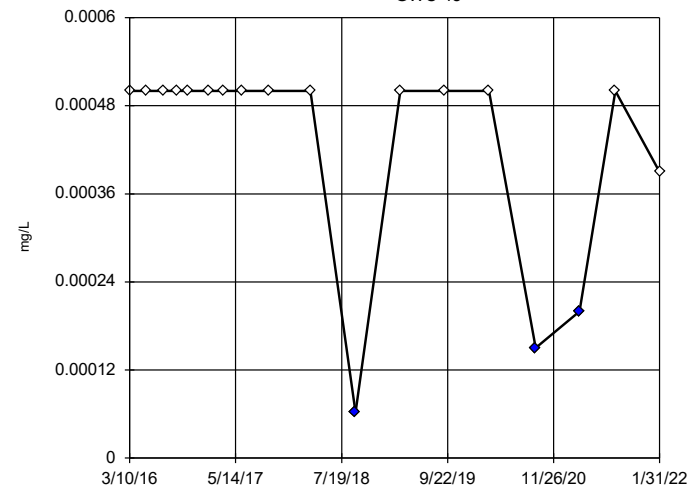
Tukey's Outlier Screening
GWC-15R



n = 39
Outliers are drawn as solid. Tukey's method selected by user.
High cutoff = 0.00121, low cutoff = 0.00072, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 3/31/2022 10:36 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

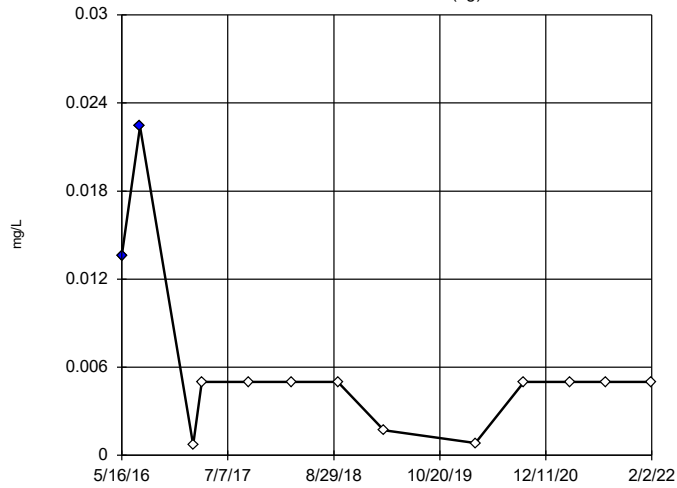
Tukey's Outlier Screening
GWC-48



n = 18
Outliers are drawn as solid. Tukey's method selected by user.
High cutoff = 0.000665, low cutoff = 0.00028, based on IQR multiplier of 3.

Constituent: Mercury Analysis Run 3/31/2022 10:37 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

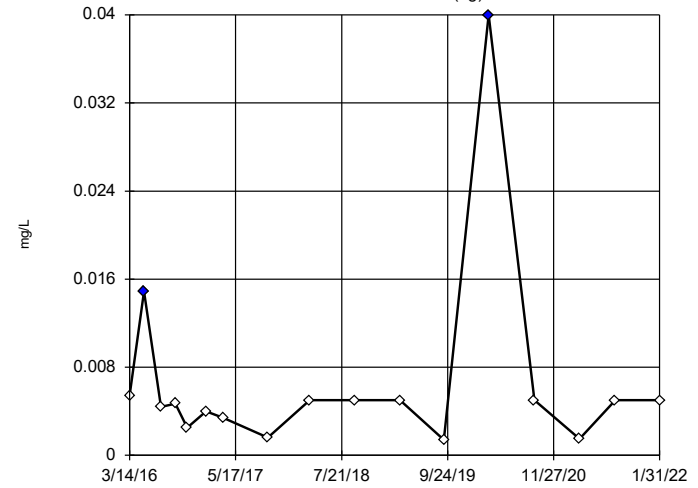
Tukey's Outlier Screening
GWA-39RZ (bg)



n = 13
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.00995, low cutoff = -0.0016, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:37 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

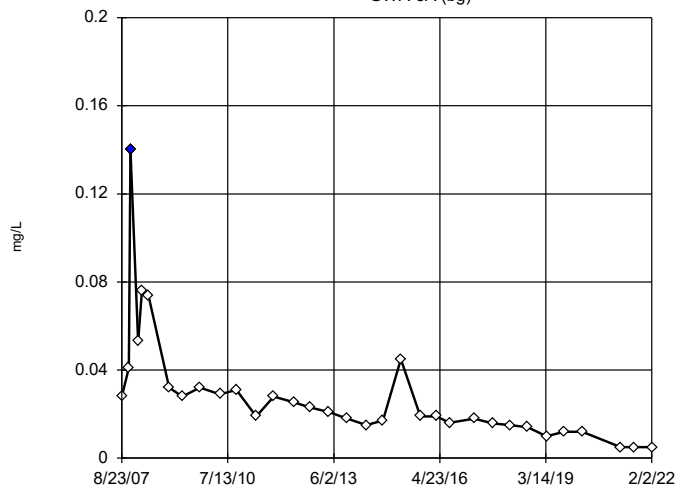
Tukey's Outlier Screening
GWA-39Z (bg)



n = 17
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.01115, low cutoff = -0.0032, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:37 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

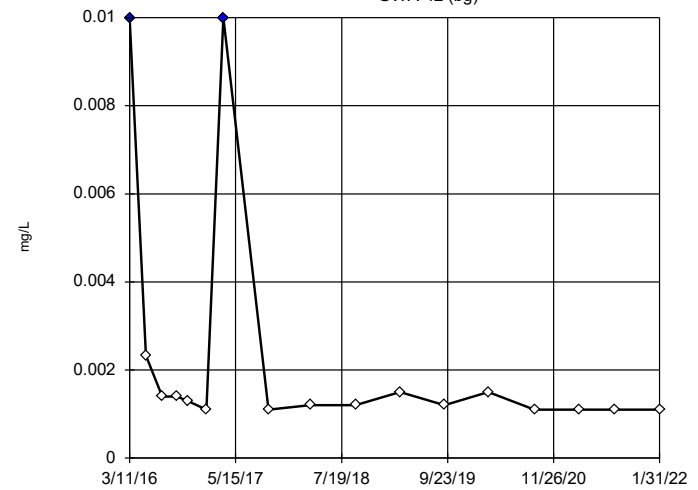
Tukey's Outlier Screening
GWA-3A (bg)



n = 33
Outlier is drawn as solid.
Tukey's method selected by user.
High cutoff = 0.081, low cutoff = -0.0345, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:37 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

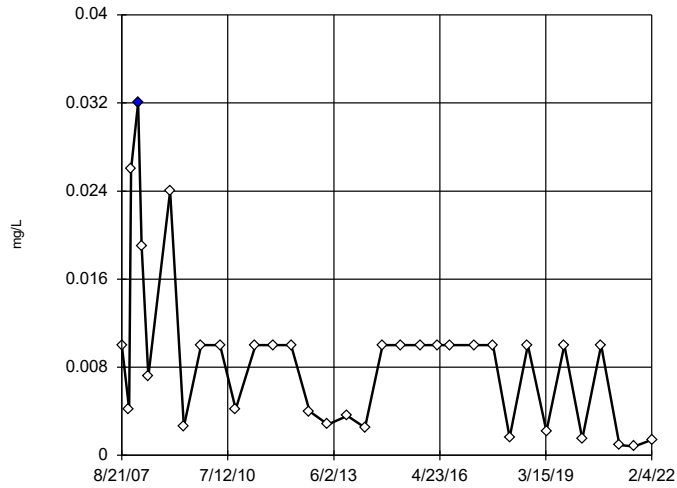
Tukey's Outlier Screening
GWA-42 (bg)



n = 17
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0027, low cutoff = -0.0001, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:37 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

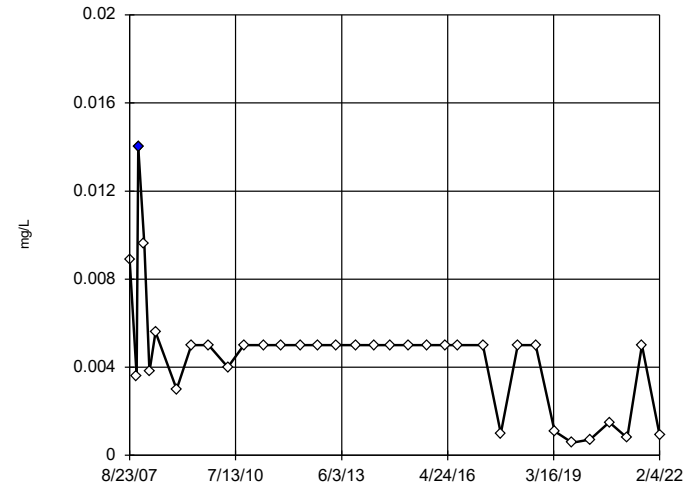
Tukey's Outlier Screening GWC-10



n = 34
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0319,
 low cutoff = -0.0192,
 based on IQR multiplier
 of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:37 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

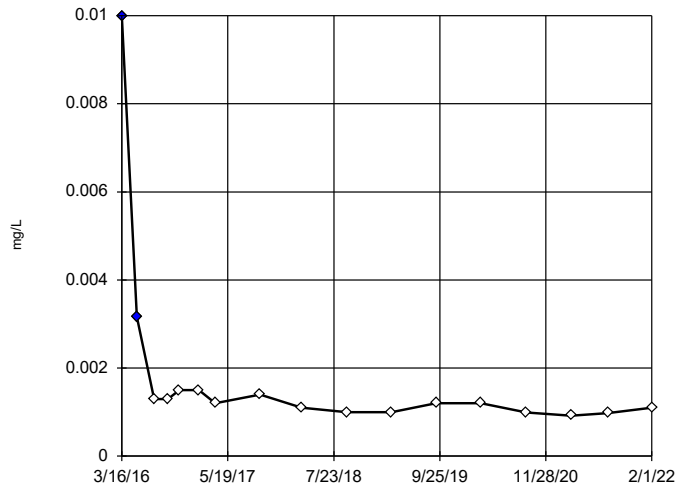
Tukey's Outlier Screening GWC-15R



n = 34
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0101,
 low cutoff = -0.0018,
 based on IQR multiplier
 of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:37 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

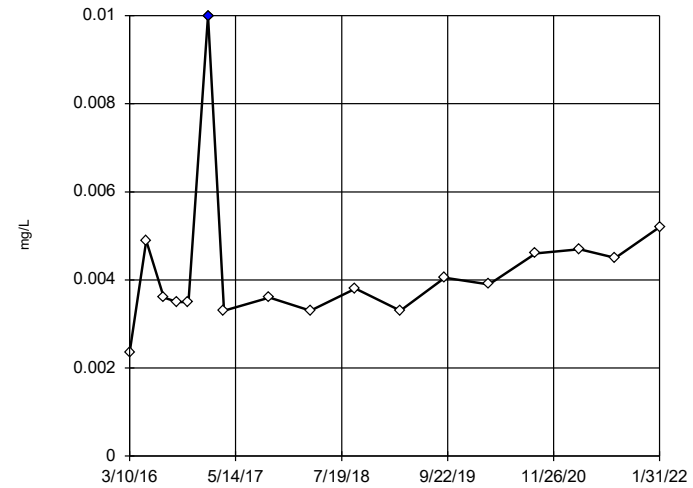
Tukey's Outlier Screening GWC-45



n = 17
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0028,
 low cutoff = -0.00035,
 based on IQR multiplier
 of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:38 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

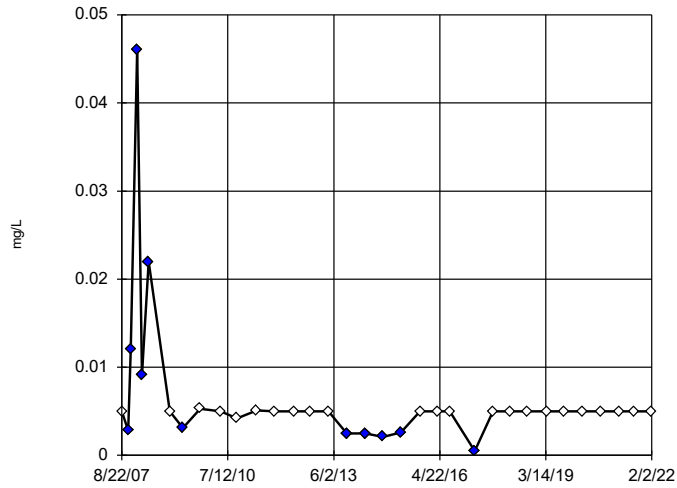
Tukey's Outlier Screening GWC-48



n = 17
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0084,
 low cutoff = -0.00035,
 based on IQR multiplier
 of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:38 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

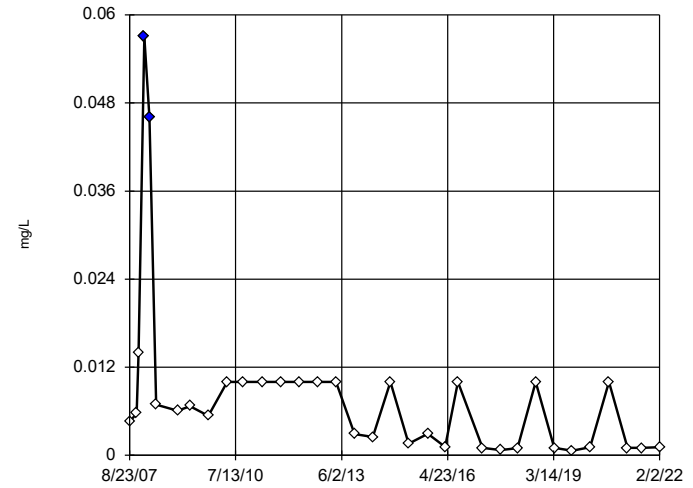
Tukey's Outlier Screening
GWC-6



n = 34
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0062, low cutoff = 0.0034, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:38 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

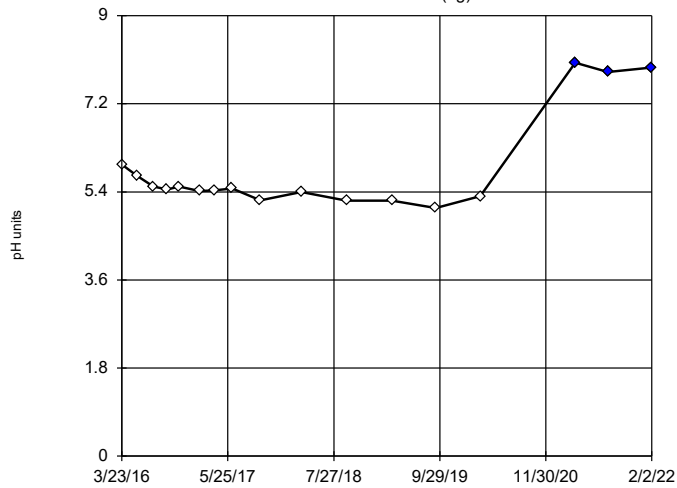
Tukey's Outlier Screening
GWC-9



n = 34
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0367, low cutoff = -0.0256, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 3/31/2022 10:38 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

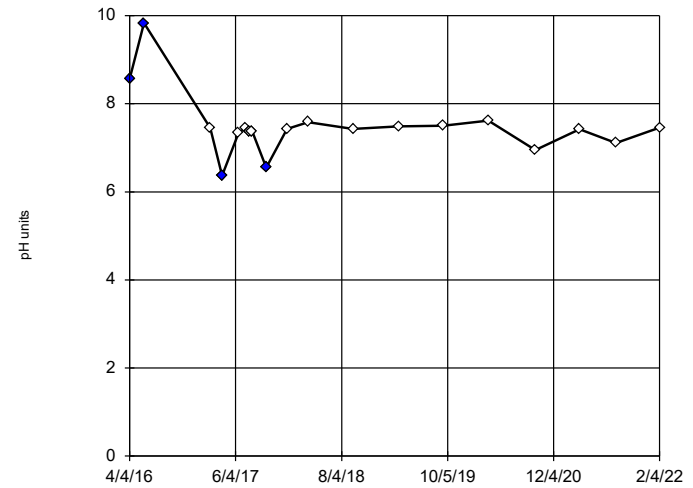
Tukey's Outlier Screening
GWA-3A (bg)



n = 17
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 7.57, low cutoff = 3.545, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/31/2022 10:38 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

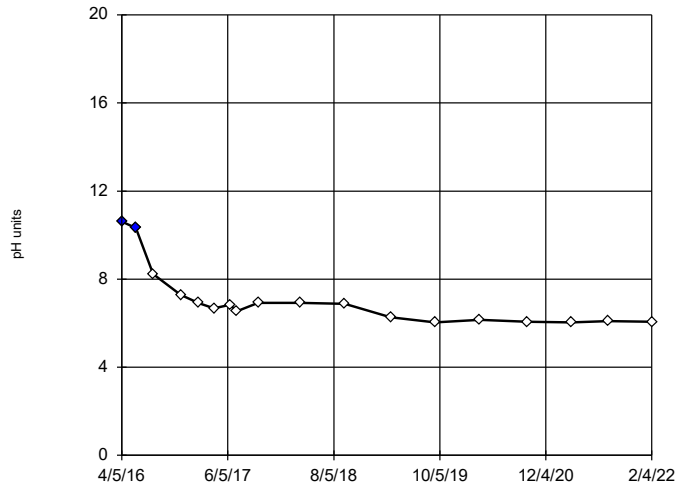
Tukey's Outlier Screening
GWC-13RZ



n = 21
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 7.93, low cutoff = 6.915, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/31/2022 10:38 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

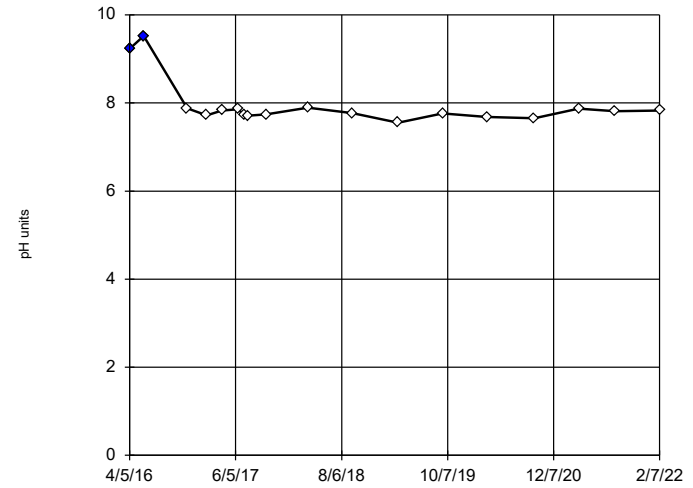
Tukey's Outlier Screening GWC-14Z



n = 18
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 10.22, low cutoff = 2.97, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/31/2022 10:38 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

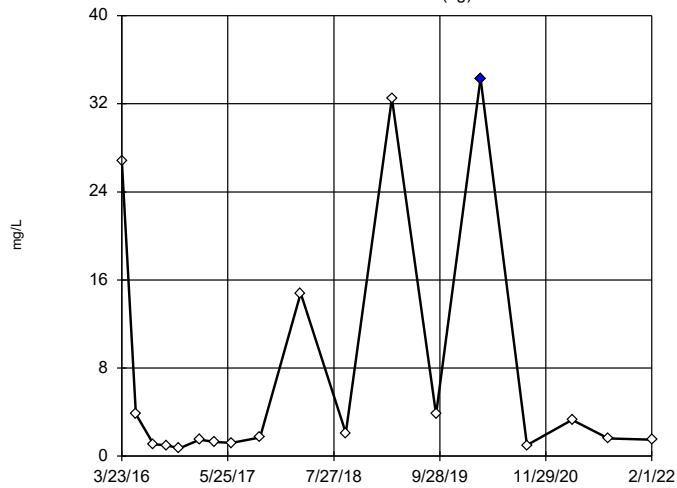
Tukey's Outlier Screening GWC-15Z



n = 18
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 8.355, low cutoff = 7.235, based on IQR multiplier of 3.

Constituent: pH Analysis Run 3/31/2022 10:38 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

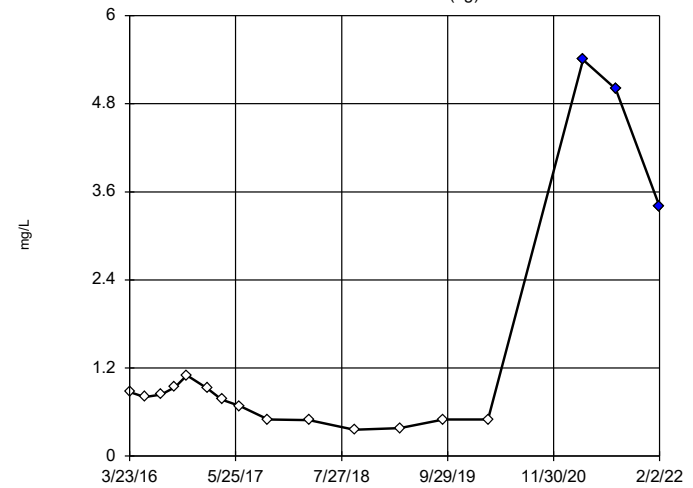
Tukey's Outlier Screening GWA-2R (bg)



n = 18
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 33.77, low cutoff = -23.32, based on IQR multiplier of 3.

Constituent: Sulfate, total Analysis Run 3/31/2022 10:39 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

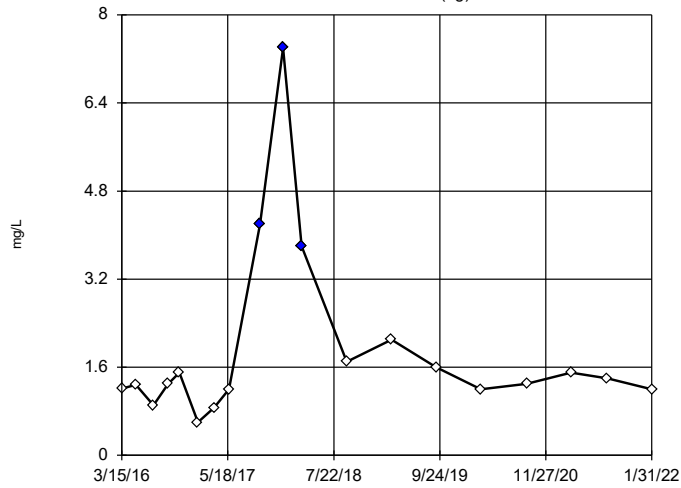
Tukey's Outlier Screening GWA-3A (bg)



n = 17
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 2.58, low cutoff = -1.06, based on IQR multiplier of 3.

Constituent: Sulfate, total Analysis Run 3/31/2022 10:39 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

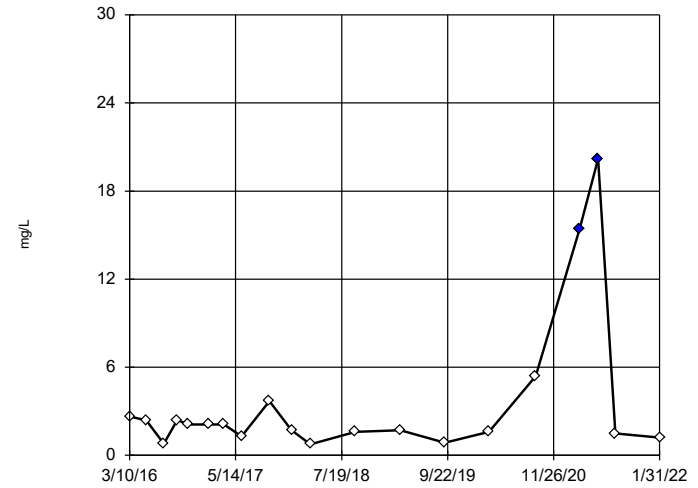
Tukey's Outlier Screening GWA-40 (bg)



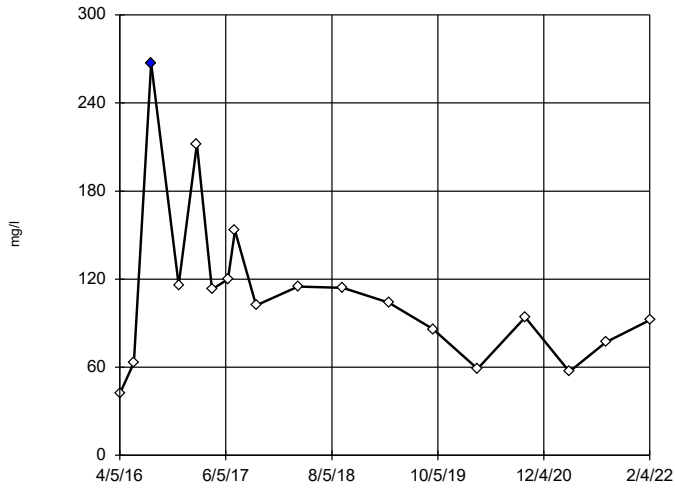
n = 19
Outliers are drawn as solid. Tukey's method selected by user.
High cutoff = 3.2, low cutoff = -0.3, based on IQR multiplier of 3.

Constituent: Sulfate, total Analysis Run 3/31/2022 10:39 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening GWC-48



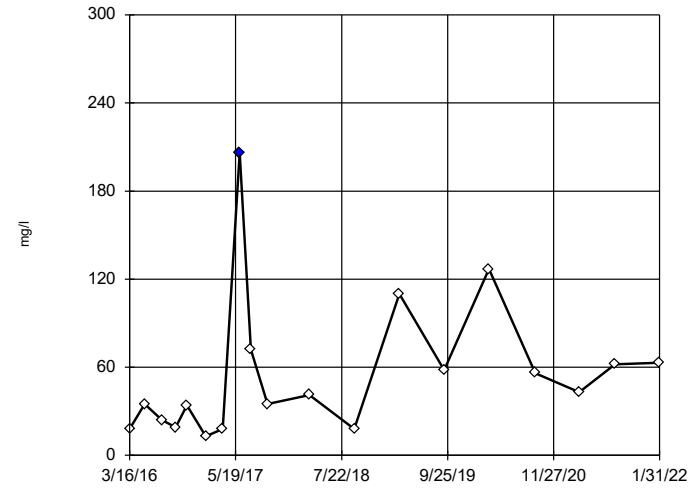
Tukey's Outlier Screening
GWC-14Z



n = 18
Outlier is drawn as solid. Tukey's method selected by user.
High cutoff = 262, low cutoff = -74, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids [TDS] Analysis Run 3/31/2022 10:41 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

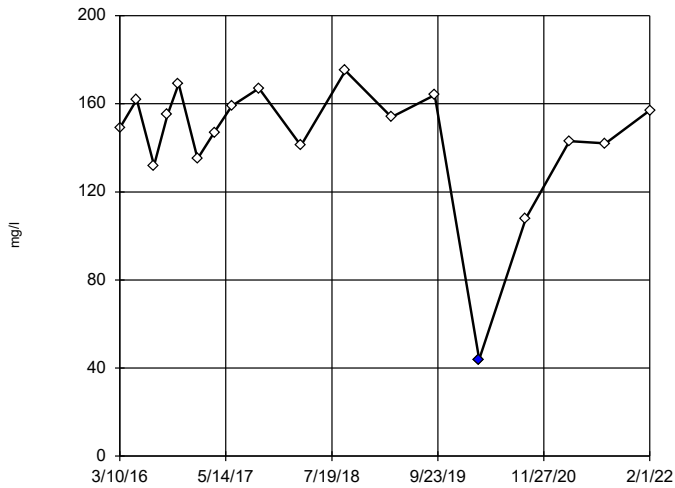
Tukey's Outlier Screening
GWC-44



n = 19
Outlier is drawn as solid. Tukey's method selected by user.
High cutoff = 195, low cutoff = -113, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids [TDS] Analysis Run 3/31/2022 10:41 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

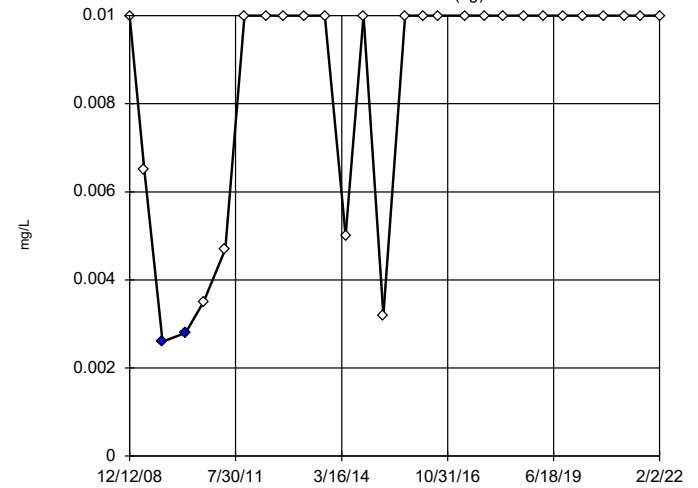
Tukey's Outlier Screening
GWC-47R



n = 18
Outlier is drawn as solid. Tukey's method selected by user.
High cutoff = 238, low cutoff = 63, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids [TDS] Analysis Run 3/31/2022 10:41 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

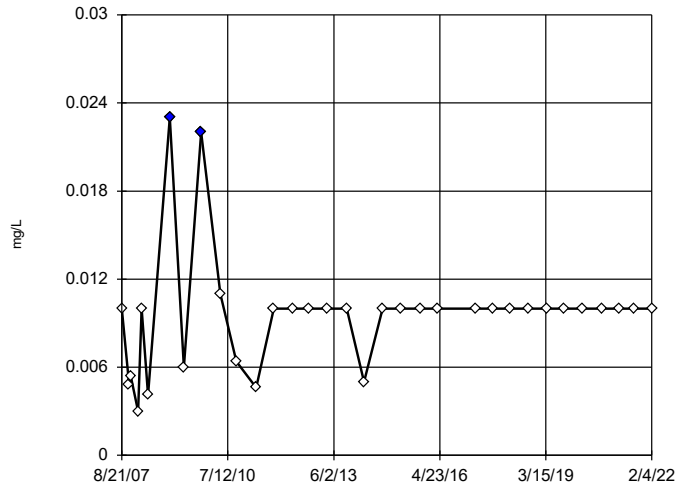
Tukey's Outlier Screening
GWA-50R (bg)



n = 28
Outliers are drawn as solid. Tukey's method selected by user.
High cutoff = 0.01525, low cutoff = 0.003, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 3/31/2022 10:41 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

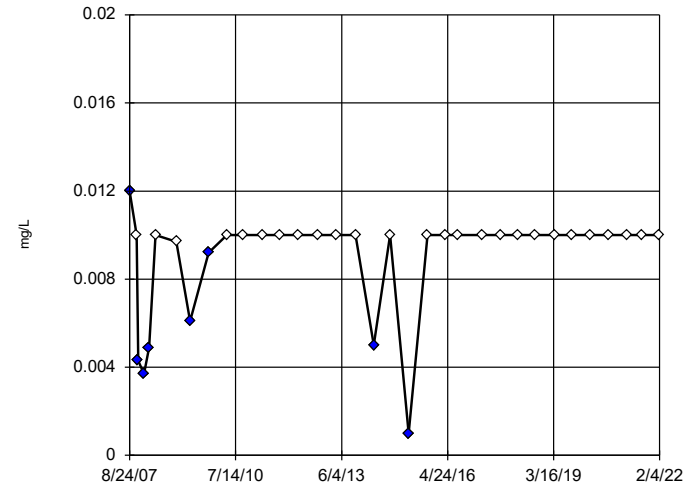
Tukey's Outlier Screening
GWC-13RZ



n = 33
Outliers are drawn as solid. Tukey's method selected by user.
High cutoff = 0.0154, low cutoff = 0.0028, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 3/31/2022 10:41 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

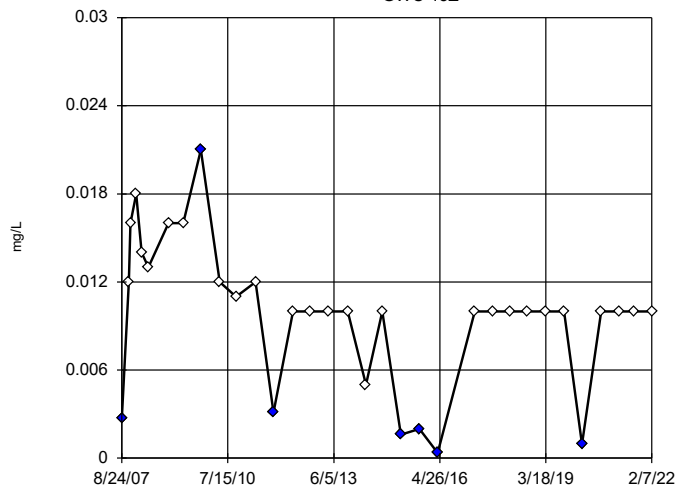
Tukey's Outlier Screening
GWC-14Z



n = 34
Outliers are drawn as solid. Tukey's method selected by user.
High cutoff = 0.01045, low cutoff = 0.0094, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 3/31/2022 10:41 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

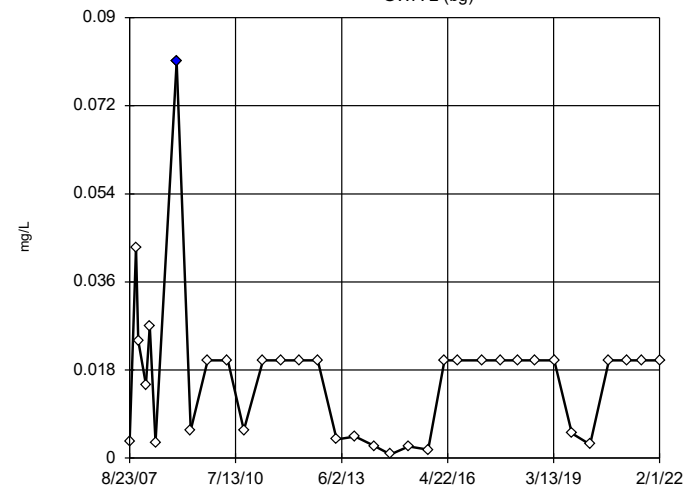
Tukey's Outlier Screening
GWC-15Z



n = 33
Outliers are drawn as solid. Tukey's method selected by user.
High cutoff = 0.018, low cutoff = 0.004, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 3/31/2022 10:41 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

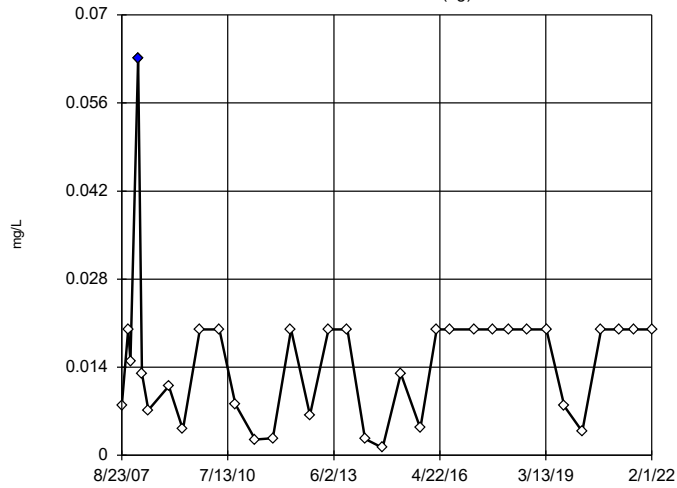
Tukey's Outlier Screening
GWA-2 (bg)



n = 34
Outlier is drawn as solid. Tukey's method selected by user.
High cutoff = 0.0677, low cutoff = -0.0436, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/31/2022 10:42 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

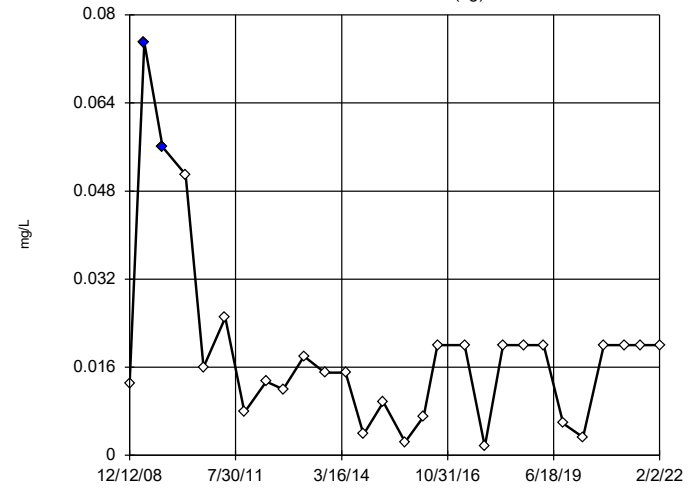
Tukey's Outlier Screening GWA-2R (bg)



n = 34
 Outlier is drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0596,
 low cutoff = -0.0328,
 based on IQR multiplier
 of 3.

Constituent: Zinc Analysis Run 3/31/2022 10:42 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

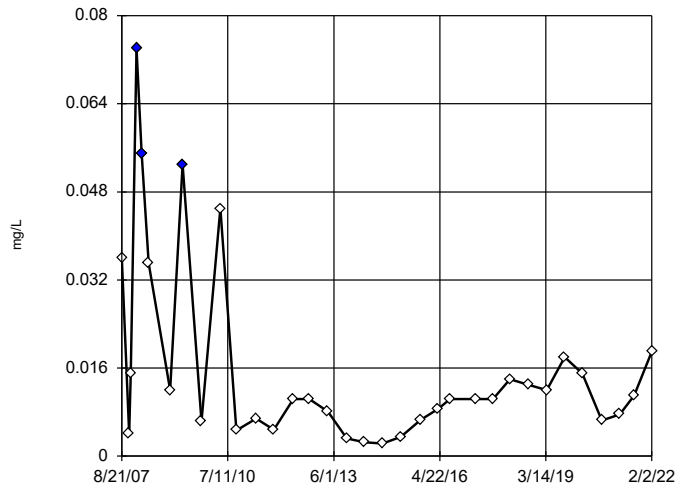
Tukey's Outlier Screening GWA-50R (bg)



n = 28
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.05375,
 low cutoff = -0.025,
 based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/31/2022 10:42 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

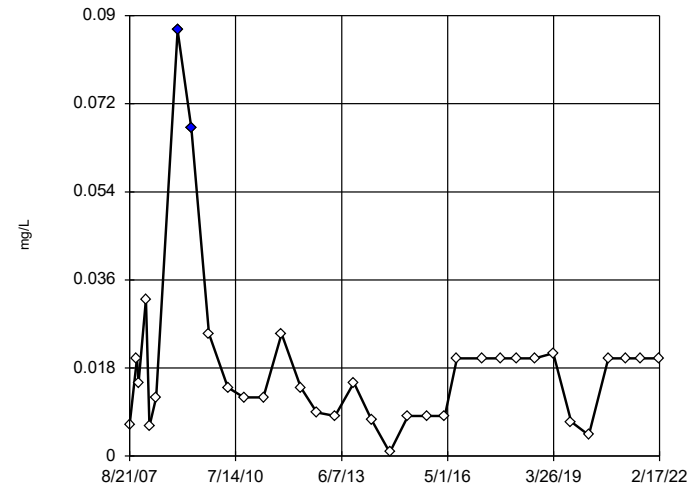
Tukey's Outlier Screening GWC-12



n = 34
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0468,
 low cutoff = -0.0239,
 based on IQR multiplier
 of 3.

Constituent: Zinc Analysis Run 3/31/2022 10:42 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

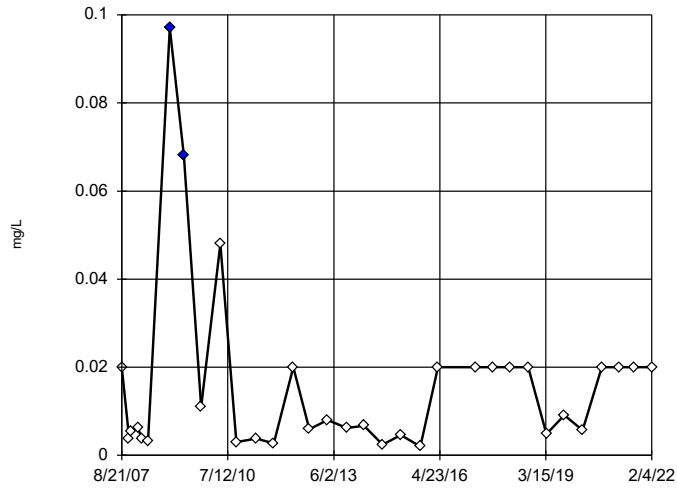
Tukey's Outlier Screening GWC-13



n = 34
 Outliers are drawn as solid.
 Tukey's method selected by user.
 High cutoff = 0.0554,
 low cutoff = -0.0272,
 based on IQR multiplier
 of 3.

Constituent: Zinc Analysis Run 3/31/2022 10:42 AM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

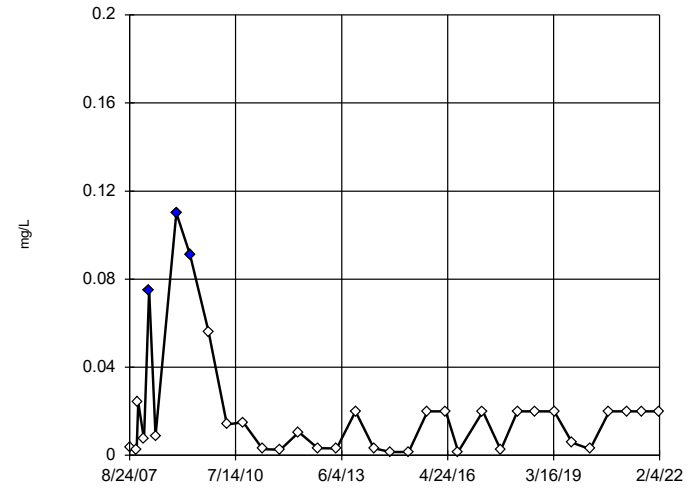
Tukey's Outlier Screening
GWC-13RZ



n = 33
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0674,
low cutoff = -0.0432,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/31/2022 10:42 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

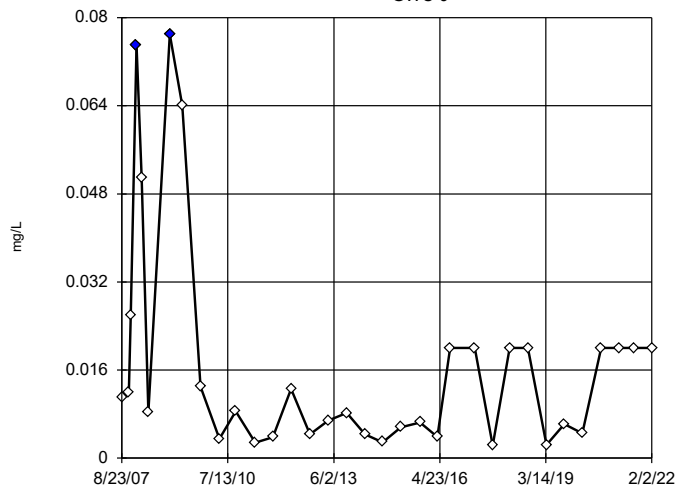
Tukey's Outlier Screening
GWC-14Z



n = 34
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.07115,
low cutoff = -0.0482,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/31/2022 10:42 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Tukey's Outlier Screening
GWC-9



n = 34
Outliers are drawn as solid.
Tukey's method selected by user.
High cutoff = 0.0671,
low cutoff = -0.0428,
based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 3/31/2022 10:42 AM View: Outliers
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE D.

Analysis of Variance

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:18 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>Crit.</u>	<u>Sig.</u>	<u>Alpha</u>	<u>Transform</u>	<u>ANOVA Sig.</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Arsenic (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Barium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Beryllium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Boron, total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Cadmium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Calcium, total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Chloride, Total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Chromium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Cobalt (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Copper (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Fluoride, total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Lead (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Mercury (mg/L)	n/a	n/a	n/a	n/a	n/a	No	No	0.05	NP (NDs)
Nickel (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
pH (pH_units)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Selenium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Silver (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Sulfate, total (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Thallium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	No	0.05	NP (NDs)
Total Dissolved Solids [TDS] (mg/l)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)
Vanadium (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (NDs)
Zinc (mg/L)	n/a	n/a	n/a	n/a	n/a	No	Yes	0.05	NP (normality)

Non-Parametric ANOVA

Constituent: Antimony Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 58.9

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 25 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 38.54

Adjusted Kruskal-Wallis statistic (H') = 58.9

Non-Parametric ANOVA

Constituent: Arsenic Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 97.48

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 9 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 31.88

Adjusted Kruskal-Wallis statistic (H') = 97.48

Non-Parametric ANOVA

Constituent: Barium Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 224.6

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 75 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 224.6

Adjusted Kruskal-Wallis statistic (H') = 224.6

Non-Parametric ANOVA

Constituent: Beryllium Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 9/30/2014 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 185.8

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 7 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 43.23

Adjusted Kruskal-Wallis statistic (H') = 185.8

Non-Parametric ANOVA

Constituent: Boron, total Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 3/11/2016 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 72.79

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 24 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 50.98

Adjusted Kruskal-Wallis statistic (H') = 72.79

Non-Parametric ANOVA

Constituent: Cadmium Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 219

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 5 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 40.25

Adjusted Kruskal-Wallis statistic (H') = 219

Non-Parametric ANOVA

Constituent: Calcium, total Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 3/11/2016 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 207.2

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 46 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 207.2

Adjusted Kruskal-Wallis statistic (H') = 207.2

Non-Parametric ANOVA

Constituent: Chloride, Total Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 3/11/2016 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 176.4

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 36 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 176.1

Adjusted Kruskal-Wallis statistic (H') = 176.4

Non-Parametric ANOVA

Constituent: Chromium Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 55.87

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 17 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 29.8

Adjusted Kruskal-Wallis statistic (H') = 55.87

Non-Parametric ANOVA

Constituent: Cobalt Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 75.74

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 18 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 38.39

Adjusted Kruskal-Wallis statistic (H') = 75.74

Non-Parametric ANOVA

Constituent: Copper Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 104.6

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 37 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 85.31

Adjusted Kruskal-Wallis statistic (H') = 104.6

Non-Parametric ANOVA

Constituent: Fluoride, total Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 3/11/2016 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 52.4

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 20 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 39.94

Adjusted Kruskal-Wallis statistic (H') = 52.4

Non-Parametric ANOVA

Constituent: Lead Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 36.66

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 8 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 13.66

Adjusted Kruskal-Wallis statistic (H') = 36.66

Non-Parametric ANOVA

Constituent: Mercury Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates NO DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is less than or equal to the Chi-squared value, we conclude that no group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 20.69

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 3 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 2.041

Adjusted Kruskal-Wallis statistic (H') = 20.69

Non-Parametric ANOVA

Constituent: Nickel Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 129.4

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 33 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 110

Adjusted Kruskal-Wallis statistic (H') = 129.4

Non-Parametric ANOVA

Constituent: pH Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 3/11/2016 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 217.6

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 71 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 217.6

Adjusted Kruskal-Wallis statistic (H') = 217.6

Non-Parametric ANOVA

Constituent: Selenium Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 32.98

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 2 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 1.78

Adjusted Kruskal-Wallis statistic (H') = 32.98

Non-Parametric ANOVA

Constituent: Silver Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 172.3

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 5 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 41.11

Adjusted Kruskal-Wallis statistic (H') = 172.3

Non-Parametric ANOVA

Constituent: Sulfate, total Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 3/11/2016 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 198.6

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 49 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 198.5

Adjusted Kruskal-Wallis statistic (H') = 198.6

Non-Parametric ANOVA

Constituent: Thallium Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 3/30/2015 and 2/3/2022, the non-parametric analysis of variance test indicates NO DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is less than or equal to the Chi-squared value, we conclude that no group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 14.23

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 5 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 1.924

Adjusted Kruskal-Wallis statistic (H') = 14.23

Non-Parametric ANOVA

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 3/11/2016 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 198.3

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 63 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 198.2

Adjusted Kruskal-Wallis statistic (H') = 198.3

Non-Parametric ANOVA

Constituent: Vanadium Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 24.87

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 4 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 5.572

Adjusted Kruskal-Wallis statistic (H') = 24.87

Non-Parametric ANOVA

Constituent: Zinc Analysis Run 4/1/2022 5:18 PM View: ANOVA
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

For observations made between 8/23/2007 and 2/3/2022, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 100.1

Tabulated Chi-Squared value = 23.685 with 14 degrees of freedom at the 5% significance level.

There were 39 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 88.8

Adjusted Kruskal-Wallis statistic (H') = 100.1

FIGURE E.

Upper Tolerance Limits Summary Table

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:20 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	n/a	0.011	n/a	n/a	n/a	n/a	379	n/a	n/a	69.66	n/a	n/a	NaN	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.0056	n/a	n/a	n/a	n/a	380	n/a	n/a	87.37	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	n/a	0.063	n/a	n/a	n/a	n/a	363	n/a	n/a	1.102	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	n/a	0.0005	n/a	n/a	n/a	n/a	284	n/a	n/a	91.55	n/a	n/a	NaN	NP Inter(NDs)
Boron, total (mg/L)	n/a	0.04	n/a	n/a	n/a	n/a	269	n/a	n/a	66.91	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.00076	n/a	n/a	n/a	n/a	382	n/a	n/a	93.46	n/a	n/a	NaN	NP Inter(NDs)
Calcium, total (mg/L)	n/a	66.6	n/a	n/a	n/a	n/a	271	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Chloride, Total (mg/L)	n/a	4.9	n/a	n/a	n/a	n/a	269	n/a	n/a	2.23	n/a	n/a	NaN	NP Inter(normality)
Chromium (mg/L)	n/a	0.015	n/a	n/a	n/a	n/a	370	n/a	n/a	77.57	n/a	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	n/a	0.022	n/a	n/a	n/a	n/a	381	n/a	n/a	79	n/a	n/a	NaN	NP Inter(NDs)
Copper (mg/L)	n/a	0.051	n/a	n/a	n/a	n/a	332	n/a	n/a	56.02	n/a	n/a	NaN	NP Inter(NDs)
Fluoride, total (mg/L)	n/a	0.3	n/a	n/a	n/a	n/a	268	n/a	n/a	60.07	n/a	n/a	NaN	NP Inter(NDs)
Lead (mg/L)	n/a	0.0038	n/a	n/a	n/a	n/a	382	n/a	n/a	85.6	n/a	n/a	NaN	NP Inter(NDs)
Nickel (mg/L)	n/a	0.053	n/a	n/a	n/a	n/a	326	n/a	n/a	53.07	n/a	n/a	NaN	NP Inter(NDs)
pH (pH_units)	n/a	8.04	5.07	n/a	n/a	n/a	280	n/a	n/a	0	n/a	n/a	0.00000911	NP Inter(normality)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	382	n/a	n/a	98.17	n/a	n/a	NaN	NP Inter(NDs)
Silver (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	334	n/a	n/a	91.32	n/a	n/a	NaN	NP Inter(NDs)
Sulfate, total (mg/L)	n/a	147	n/a	n/a	n/a	n/a	271	n/a	n/a	6.642	n/a	n/a	NaN	NP Inter(normality)
Total Dissolved Solids [TDS] (mg/l)	n/a	400	n/a	n/a	n/a	n/a	268	n/a	n/a	6.716	n/a	n/a	NaN	NP Inter(normality)
Vanadium (mg/L)	n/a	0.01	n/a	n/a	n/a	n/a	333	n/a	n/a	91.89	n/a	n/a	NaN	NP Inter(NDs)
Zinc (mg/L)	n/a	0.13	n/a	n/a	n/a	n/a	323	n/a	n/a	48.3	n/a	n/a	NaN	NP Inter(normality)

FIGURE F.

Confidence Intervals - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	GWC-5	0.0006507	0.000536	0.0005	Yes	21	0.0005933	0.000104	9.524	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-13RZ	8.07	5.961	4.9	Yes	18	7.016	1.742	0	None	No	0.01	Param.
pH (pH_units)	GWC-44	4.574	4.387	8.04	Yes	19	4.481	0.1412	0	None	No	0.005	Param.

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWC-10R	0.003	0.003	0.011	No	38	0.002902	0.0004372	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-11	0.003	0.0013	0.011	No	39	0.002656	0.0008268	84.62	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-11R	0.00351	0.003	0.011	No	40	0.003471	0.001898	70	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-13	0.003	0.0023	0.011	No	39	0.002851	0.0004867	89.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-13RZ	0.003	0.0015	0.011	No	33	0.002476	0.001025	54.55	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-14Z	0.003	0.0017	0.011	No	39	0.002839	0.0007429	87.18	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-15R	0.0038	0.0026	0.011	No	39	0.003435	0.002218	51.28	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-15Z	0.003	0.003	0.011	No	38	0.002989	0.0007068	86.84	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-45	0.002219	0.00102	0.011	No	18	0.002127	0.001605	22.22	Kaplan-Meier	x^(1/3)	0.01	Param.
Antimony (mg/L)	GWC-45R	0.003	0.001	0.011	No	18	0.002326	0.001061	50	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-46R	0.003	0.001	0.011	No	18	0.002889	0.0004714	94.44	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-47	0.003	0.0006	0.011	No	18	0.002718	0.0008228	88.89	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-47R	0.003	0.00056	0.011	No	18	0.001632	0.001089	33.33	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-48	0.003	0.0018	0.011	No	18	0.0028	0.0006174	88.89	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-49R	0.0032	0.0019	0.011	No	18	0.002628	0.0007307	55.56	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-49Z	0.003	0.0009	0.011	No	18	0.001884	0.0009465	33.33	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-5	0.003	0.003	0.011	No	38	0.002868	0.0005679	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-6	0.003	0.003	0.011	No	39	0.002898	0.0005128	92.31	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-6RZ	0.003	0.0028	0.011	No	21	0.002752	0.0006562	80.95	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-7Z	0.003	0.00099	0.011	No	18	0.002293	0.0009574	61.11	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-8RR	0.003	0.0025	0.011	No	27	0.002554	0.0008383	74.07	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-9	0.003	0.003	0.011	No	39	0.002949	0.0003203	97.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-10	0.005	0.005	0.0056	No	38	0.004779	0.001173	89.47	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-10R	0.005	0.005	0.0056	No	39	0.004921	0.0004964	97.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-11	0.005	0.005	0.0056	No	39	0.004817	0.0008196	94.87	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-11R	0.005	0.0029	0.0056	No	39	0.003953	0.001721	41.03	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWC-12	0.006611	0.00486	0.0056	No	38	0.006461	0.001966	23.68	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	GWC-13	0.005	0.0022	0.0056	No	39	0.004097	0.001988	71.79	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-13RZ	0.005	0.00144	0.0056	No	37	0.00362	0.00192	56.76	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-14Z	0.005	0.005	0.0056	No	38	0.004949	0.001014	86.84	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-15R	0.005	0.0026	0.0056	No	39	0.004599	0.001234	89.74	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-15Z	0.005	0.00261	0.0056	No	39	0.004476	0.001513	74.36	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-44	0.005	0.0033	0.0056	No	17	0.004194	0.001581	76.47	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-45R	0.005	0.0006	0.0056	No	18	0.004756	0.001037	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-46R	0.005	0.0004	0.0056	No	18	0.004744	0.001084	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-47	0.005	0.0006	0.0056	No	18	0.004756	0.001037	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-47R	0.005	0.00091	0.0056	No	17	0.003098	0.002087	52.94	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-49R	0.005	0.00041	0.0056	No	18	0.004745	0.001082	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-5	0.005	0.005	0.0056	No	39	0.004887	0.0007046	97.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-6	0.005	0.0016	0.0056	No	38	0.004359	0.001508	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-6RZ	0.005	0.0012	0.0056	No	22	0.004617	0.001245	90.91	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-7Z	0.002473	0.001422	0.0056	No	18	0.002823	0.00143	22.22	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	GWC-8RR	0.005	0.0029	0.0056	No	27	0.004287	0.001577	81.48	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-8Z	0.005	0.0011	0.0056	No	22	0.004026	0.001841	77.27	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-9	0.005	0.005	0.0056	No	38	0.004917	0.001156	89.47	Kaplan-Meier	No	0.01	NP (NDs)
Barium (mg/L)	GWC-10	0.02118	0.01656	0.063	No	36	0.01922	0.006191	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-10R	0.02624	0.02238	0.063	No	39	0.02431	0.004971	0	None	No	0.01	Param.
Barium (mg/L)	GWC-11	0.013	0.0089	0.063	No	38	0.01477	0.009377	2.632	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-11R	0.01569	0.01199	0.063	No	39	0.01384	0.004751	0	None	No	0.01	Param.
Barium (mg/L)	GWC-12	0.0279	0.0241	0.063	No	35	0.02775	0.00894	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-13	0.0311	0.0228	0.063	No	37	0.02777	0.01114	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-13RZ	0.082	0.02	0.063	No	37	0.05068	0.03359	0	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-14Z	0.02236	0.01383	0.063	No	35	0.01929	0.01162	5.714	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-15R	0.02497	0.02226	0.063	No	38	0.02361	0.003439	0	None	No	0.01	Param.
Barium (mg/L)	GWC-15Z	0.01233	0.008746	0.063	No	38	0.01054	0.004547	2.632	None	No	0.01	Param.
Barium (mg/L)	GWC-44	0.05296	0.0288	0.063	No	17	0.04088	0.01928	0	None	No	0.01	Param.
Barium (mg/L)	GWC-45	0.006237	0.005736	0.063	No	17	0.005994	0.0004175	0	None	ln(x)	0.01	Param.
Barium (mg/L)	GWC-45R	0.0227	0.01971	0.063	No	18	0.02121	0.002465	0	None	No	0.01	Param.
Barium (mg/L)	GWC-46R	0.01573	0.01283	0.063	No	18	0.01441	0.002635	0	None	ln(x)	0.01	Param.
Barium (mg/L)	GWC-47	0.01344	0.009828	0.063	No	18	0.01163	0.002984	0	None	No	0.01	Param.
Barium (mg/L)	GWC-47R	0.01205	0.008084	0.063	No	17	0.01006	0.00316	5.882	None	No	0.01	Param.
Barium (mg/L)	GWC-48	0.03346	0.02611	0.063	No	19	0.02908	0.007607	5.263	None	x^2	0.01	Param.
Barium (mg/L)	GWC-49R	0.015	0.0098	0.063	No	18	0.01251	0.005309	5.556	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-49Z	0.0081	0.0032	0.063	No	18	0.005472	0.003098	5.556	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-5	0.01905	0.01578	0.063	No	38	0.01742	0.00414	0	None	No	0.01	Param.
Barium (mg/L)	GWC-6	0.01373	0.009456	0.063	No	36	0.01227	0.006091	2.778	None	x^(1/3)	0.01	Param.
Barium (mg/L)	GWC-6RZ	0.01047	0.006919	0.063	No	22	0.008697	0.003312	4.545	None	No	0.01	Param.
Barium (mg/L)	GWC-7Z	0.02879	0.02162	0.063	No	18	0.02521	0.00593	0	None	No	0.01	Param.
Barium (mg/L)	GWC-8RR	0.017	0.014	0.063	No	27	0.01569	0.002584	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-8Z	0.0326	0.02396	0.063	No	22	0.02915	0.009515	0	None	ln(x)	0.01	Param.
Barium (mg/L)	GWC-9	0.04123	0.03655	0.063	No	35	0.03889	0.005672	0	None	No	0.01	Param.
Beryllium (mg/L)	GWC-10	0.0005	0.00015	0.0005	No	21	0.0003444	0.0001873	57.14	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-11	0.0005	0.000057	0.0005	No	21	0.0004789	0.00009667	95.24	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-13	0.0005	0.000074	0.0005	No	21	0.0002713	0.0002061	42.86	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-14Z	0.0005	0.00011	0.0005	No	21	0.0003614	0.0002447	52.38	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-44	0.0005	0.000067	0.0005	No	18	0.0002862	0.0002201	50	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-45R	0.0005	0.000056	0.0005	No	18	0.0004753	0.0001047	94.44	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-48	0.00036	0.0002	0.0005	No	18	0.0002967	0.0001074	16.67	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-5	0.0006507	0.000536	0.0005	Yes	21	0.0005933	0.000104	9.524	None	No	0.01	Param.
Beryllium (mg/L)	GWC-6	0.0005	0.00024	0.0005	No	21	0.0004531	0.0001212	85.71	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-6RZ	0.0005	0.000076	0.0005	No	22	0.0003446	0.0002105	63.64	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-8RR	0.0005	0.00025	0.0005	No	21	0.0004881	0.00005455	95.24	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-8Z	0.0005	0.0001	0.0005	No	22	0.0004391	0.0002651	72.73	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-9	0.0001792	0.0001025	0.0005	No	21	0.0002487	0.000153	23.81	Kaplan-Meier	sqrt(x)	0.01	Param.
Boron, total (mg/L)	GWC-10	0.04	0.004	0.04	No	18	0.038	0.008485	94.44	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-10R	0.04	0.0169	0.04	No	18	0.03492	0.01189	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-11	0.04	0.0085	0.04	No	18	0.03825	0.007425	94.44	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-11R	0.04	0.0072	0.04	No	18	0.03258	0.01429	77.78	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-13	0.02172	0.01327	0.04	No	18	0.02298	0.01168	22.22	Kaplan-Meier	x^(1/3)	0.01	Param.
Boron, total (mg/L)	GWC-13RZ	0.02	0.0117	0.04	No	18	0.0184	0.01042	16.67	None	No	0.01	NP (normality)
Boron, total (mg/L)	GWC-14Z	0.04	0.0081	0.04	No	17	0.03424	0.01283	82.35	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-15R	0.04	0.0075	0.04	No	18	0.02742	0.01628	61.11	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-15Z	0.04	0.0076	0.04	No	18	0.03077	0.01534	72.22	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-44	0.04	0.0089	0.04	No	18	0.02336	0.01409	38.89	None	No	0.01	NP (normality)
Boron, total (mg/L)	GWC-45	0.04	0.019	0.04	No	18	0.03529	0.01104	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-45R	0.04	0.006	0.04	No	18	0.02779	0.01615	61.11	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-46R	0.04	0.0254	0.04	No	18	0.03424	0.01205	77.78	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-47	0.04	0.0133	0.04	No	18	0.03512	0.01126	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-47R	0.04	0.0109	0.04	No	18	0.03286	0.01381	77.78	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-48	0.04	0.0078	0.04	No	18	0.03821	0.00759	94.44	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-49R	0.04	0.01	0.04	No	18	0.03476	0.0121	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-49Z	0.04	0.0066	0.04	No	18	0.02732	0.01646	61.11	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-5	0.04	0.0083	0.04	No	18	0.03431	0.01312	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-6	0.04	0.0061	0.04	No	18	0.03812	0.00799	94.44	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWC-6RZ	0.04	0.0073	0.04	No	18	0.03428	0.01316	83.33	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-7Z	0.04	0.0064	0.04	No	18	0.02503	0.01723	55.56	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-8RR	0.04	0.0115	0.04	No	18	0.03663	0.009835	88.89	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-8Z	0.04	0.0065	0.04	No	18	0.03814	0.007896	94.44	None	No	0.01	NP (NDs)
Boron, total (mg/L)	GWC-9	0.04	0.0096	0.04	No	18	0.03452	0.01263	83.33	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-10R	0.0005	0.0005	0.00076	No	39	0.0004923	0.00004804	97.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-11R	0.0005	0.0005	0.00076	No	39	0.0004972	0.0000291	94.87	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-12	0.0005	0.00035	0.00076	No	39	0.0004465	0.0002014	56.41	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-14Z	0.0005	0.0005	0.00076	No	39	0.0004897	0.00006405	97.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-15R	0.0005	0.00028	0.00076	No	38	0.0004681	0.00009671	89.47	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-44	0.0005	0.00008	0.00076	No	18	0.0004767	0.00009899	94.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-45R	0.008407	0.0005	0.00076	No	18	0.0009393	0.001864	94.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-47	0.0005	0.00014	0.00076	No	18	0.0003574	0.0001851	61.11	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-48	0.00021	0.00016	0.00076	No	17	0.0002001	0.00008721	5.882	None	No	0.01	NP (normality)
Cadmium (mg/L)	GWC-49Z	0.0005	0.0002	0.00076	No	18	0.0003661	0.0001758	61.11	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-5	0.0005	0.00033	0.00076	No	39	0.0004497	0.0001725	79.49	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-6	0.0005	0.0005	0.00076	No	39	0.0004785	0.00009385	94.87	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-7Z	0.0005	0.00009	0.00076	No	18	0.0004772	0.00009664	94.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-8Z	0.0005	0.0002	0.00076	No	22	0.0004682	0.0001041	90.91	None	No	0.01	NP (NDs)
Calcium, total (mg/L)	GWC-10	33.78	25.55	66.6	No	18	28.98	7.769	0	None	x^2	0.01	Param.
Calcium, total (mg/L)	GWC-10R	43.02	39.13	66.6	No	18	41.07	3.214	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-11	20.02	14.71	66.6	No	18	16.88	5.011	0	None	x^2	0.01	Param.
Calcium, total (mg/L)	GWC-11R	29.92	24.17	66.6	No	18	27.04	4.751	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-12	8.4	7.738	66.6	No	18	8.069	0.5471	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-13	51.36	37.19	66.6	No	18	44.27	11.71	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-13RZ	47.79	40.79	66.6	No	18	43.57	7.105	0	None	x^3	0.01	Param.
Calcium, total (mg/L)	GWC-14Z	24.67	15.74	66.6	No	18	20.6	8.135	0	None	sqrt(x)	0.01	Param.
Calcium, total (mg/L)	GWC-15R	38.67	33.95	66.6	No	17	36.31	3.771	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-15Z	25.61	22.23	66.6	No	18	23.02	4.982	0	None	x^4	0.01	Param.
Calcium, total (mg/L)	GWC-44	10.43	4.15	66.6	No	18	7.288	5.187	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-45	0.93	0.775	66.6	No	18	0.8467	0.09013	0	None	No	0.01	NP (normality)
Calcium, total (mg/L)	GWC-45R	38.68	33.01	66.6	No	18	35.84	4.682	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-46R	46.85	41.94	66.6	No	18	44.39	4.053	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-47	24.73	21.57	66.6	No	18	23.15	2.611	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-47R	32.3	28.62	66.6	No	18	30.46	3.042	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-48	4.4	2.5	66.6	No	18	3.525	2.434	5.556	None	No	0.01	NP (normality)
Calcium, total (mg/L)	GWC-49R	26.76	24.04	66.6	No	18	25.4	2.25	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-49Z	1.86	0.69	66.6	No	18	1.595	1.531	0	None	No	0.01	NP (normality)
Calcium, total (mg/L)	GWC-5	4.29	2.6	66.6	No	18	3.914	2.422	0	None	No	0.01	NP (normality)
Calcium, total (mg/L)	GWC-6	14.72	13.46	66.6	No	17	14.09	1.009	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-6RZ	11.82	9.856	66.6	No	17	10.84	1.567	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-7Z	24.99	22.79	66.6	No	18	23.89	1.818	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-8RR	23.02	21.56	66.6	No	18	22.29	1.212	0	None	No	0.01	Param.
Calcium, total (mg/L)	GWC-8Z	22.11	18.39	66.6	No	17	20.06	3.429	0	None	x^2	0.01	Param.
Calcium, total (mg/L)	GWC-9	18.3	1.8	66.6	No	18	8.789	8.314	0	None	No	0.01	NP (normality)
Chloride, Total (mg/L)	GWC-10	2.497	2.108	4.9	No	18	2.303	0.3213	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-10R	2.878	2.417	4.9	No	18	2.648	0.381	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-11	1.385	1.136	4.9	No	18	1.261	0.206	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-11R	1.73	1.471	4.9	No	18	1.601	0.2137	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-12	1.085	0.8163	4.9	No	18	0.9507	0.2223	5.556	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-13	4.935	3.566	4.9	No	18	4.294	1.205	0	None	sqrt(x)	0.01	Param.
Chloride, Total (mg/L)	GWC-13RZ	8.07	5.961	4.9	Yes	18	7.016	1.742	0	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-14Z	3.707	2.822	4.9	No	18	3.264	0.7309	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-15R	1.774	1.481	4.9	No	18	1.627	0.2419	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-15Z	1.329	0.7969	4.9	No	18	1.063	0.4398	11.11	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-44	5.786	3.56	4.9	No	19	4.673	1.901	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-45	1.031	0.7872	4.9	No	18	0.9092	0.2015	11.11	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-45R	4	3	4.9	No	18	3.382	0.5235	0	None	No	0.01	NP (normality)
Chloride, Total (mg/L)	GWC-46R	2.216	1.59	4.9	No	18	1.903	0.5178	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-47	2.57	2.29	4.9	No	18	2.43	0.2309	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-47R	2.566	2.323	4.9	No	18	2.445	0.2005	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-48	3.541	2.483	4.9	No	18	3.063	0.9402	0	None	x^(1/3)	0.01	Param.
Chloride, Total (mg/L)	GWC-49R	1.7	1.2	4.9	No	18	1.515	0.3551	0	None	No	0.01	NP (normality)
Chloride, Total (mg/L)	GWC-49Z	1.241	0.952	4.9	No	18	1.076	0.2651	11.11	None	x^2	0.01	Param.
Chloride, Total (mg/L)	GWC-5	0.8916	0.7306	4.9	No	18	0.8111	0.133	5.56	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-6	1.255	1.087	4.9	No	18	1.152	0.19	5.56	None	x^3	0.01	Param.
Chloride, Total (mg/L)	GWC-6RZ	1.497	1.222	4.9	No	18	1.341	0.2668	5.56	None	x^2	0.01	Param.
Chloride, Total (mg/L)	GWC-7Z	1.286	0.8864	4.9	No	18	1.086	0.3301	5.56	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-8RR	1.096	0.8662	4.9	No	18	0.9812	0.19	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-8Z	1.593	1.322	4.9	No	18	1.457	0.2243	0	None	No	0.01	Param.
Chloride, Total (mg/L)	GWC-9	2.251	2.006	4.9	No	18	2.128	0.2026	0	None	No	0.01	Param.
Chromium (mg/L)	GWC-10	0.005	0.0027	0.015	No	38	0.005486	0.006622	47.37	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-10R	0.005	0.0039	0.015	No	37	0.004842	0.001656	78.38	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-11	0.006685	0.004154	0.015	No	38	0.006479	0.002433	28.95	Kaplan-Meier	No	0.01	Param.
Chromium (mg/L)	GWC-11R	0.017	0.0062	0.015	No	39	0.01502	0.01241	2.564	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-12	0.005	0.0036	0.015	No	38	0.005284	0.004248	76.32	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-13	0.0089	0.0062	0.015	No	39	0.009062	0.005758	0	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-13RZ	0.005	0.0049	0.015	No	38	0.004458	0.001209	76.32	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-14Z	0.0056	0.0037	0.015	No	37	0.005154	0.003848	32.43	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-15R	0.005	0.0036	0.015	No	38	0.004496	0.00264	60.53	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-15Z	0.0067	0.0029	0.015	No	33	0.005546	0.005557	51.52	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-44	0.005	0.00074	0.015	No	18	0.004763	0.001004	94.44	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-45	0.005	0.0007	0.015	No	18	0.004761	0.001014	94.44	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-45R	0.005	0.00092	0.015	No	18	0.004277	0.001665	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-46R	0.0052	0.0018	0.015	No	19	0.0037	0.001651	15.79	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-47	0.00248	0.0013	0.015	No	17	0.002122	0.001173	11.76	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-47R	0.0024	0.0015	0.015	No	17	0.00288	0.003925	0	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-48	0.005	0.00185	0.015	No	18	0.002705	0.001551	27.78	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-49R	0.005	0.0006	0.015	No	18	0.003094	0.002201	55.56	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-49Z	0.017	0.0017	0.015	No	18	0.004664	0.003498	66.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-5	0.0073	0.0037	0.015	No	39	0.006466	0.006241	56.41	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-6	0.005	0.0024	0.015	No	38	0.004511	0.004837	26.32	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-6RZ	0.0028	0.0017	0.015	No	22	0.002618	0.001373	22.73	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-7Z	0.005	0.0014	0.015	No	18	0.0048	0.0008485	94.44	None	No	0.01	NP (NDs)
Chromium (mg/L)	GWC-8RR	0.005	0.0019	0.015	No	26	0.003558	0.001774	50	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-8Z	0.005	0.0018	0.015	No	21	0.003029	0.001524	28.57	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-9	0.005	0.0023	0.015	No	37	0.005067	0.00259	81.08	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-10	0.005	0.0021	0.022	No	39	0.004135	0.002301	58.97	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-11	0.005	0.0045	0.022	No	39	0.005051	0.001894	82.05	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-11R	0.005	0.005	0.022	No	38	0.004822	0.0007967	94.74	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-12	0.0039	0.00305	0.022	No	38	0.003884	0.001578	7.895	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-13	0.005	0.005	0.022	No	39	0.005018	0.001647	87.18	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-13RZ	0.005	0.005	0.022	No	39	0.005074	0.0004644	97.44	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-14Z	0.005	0.005	0.022	No	39	0.004953	0.001491	82.05	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	GWC-15R	0.005	0.005	0.022	No	39	0.004769	0.001006	94.87	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-15Z	0.005	0.005	0.022	No	38	0.004884	0.0004984	94.74	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-44	0.0021	0.0014	0.022	No	18	0.001851	0.0008474	5.556	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-45	0.0017	0.0011	0.022	No	18	0.001706	0.001213	11.11	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-46R	0.005	0.0006	0.022	No	18	0.004756	0.001037	94.44	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-48	0.0021	0.00135	0.022	No	18	0.001846	0.0008778	5.556	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-49Z	0.003994	0.001923	0.022	No	18	0.002959	0.001712	11.11	None	No	0.01	Param.
Cobalt (mg/L)	GWC-5	0.005	0.0024	0.022	No	39	0.003657	0.001995	58.97	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-6	0.005	0.0047	0.022	No	39	0.004757	0.0009078	89.74	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-7Z	0.00099	0.0005	0.022	No	18	0.0009922	0.001053	5.556	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-8RR	0.005	0.0014	0.022	No	27	0.00473	0.0009742	92.59	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-8Z	0.005	0.0018	0.022	No	22	0.004541	0.001186	86.36	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-9	0.005	0.0047	0.022	No	38	0.004298	0.001555	71.05	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-10	0.005	0.004	0.051	No	34	0.004862	0.0006272	79.41	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-10R	0.005	0.0046	0.051	No	34	0.004791	0.0009616	82.35	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-11	0.005	0.0037	0.051	No	34	0.00487	0.001826	85.29	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-11R	0.005	0.0032	0.051	No	34	0.005024	0.003178	70.59	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-12	0.005	0.0034	0.051	No	34	0.004715	0.001176	76.47	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-13	0.005	0.0035	0.051	No	34	0.004353	0.001524	82.35	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-13RZ	0.005	0.0043	0.051	No	33	0.00482	0.001893	78.79	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-14Z	0.005	0.0048	0.051	No	34	0.004553	0.0009817	73.53	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-15R	0.005	0.0043	0.051	No	34	0.004695	0.003103	73.53	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-15Z	0.005	0.0042	0.051	No	33	0.005176	0.003102	72.73	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-44	0.005	0.00053	0.051	No	17	0.003431	0.00219	64.71	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-45	0.012	0.0008	0.051	No	17	0.004048	0.00284	58.82	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-45R	0.005	0.0022	0.051	No	17	0.004835	0.0006791	94.12	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-46R	0.005	0.0008	0.051	No	17	0.004753	0.001019	94.12	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-47	0.005	0.0011	0.051	No	17	0.004494	0.001435	88.24	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-47R	0.005	0.001	0.051	No	17	0.003736	0.002026	70.59	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-48	0.005	0.0018	0.051	No	17	0.003999	0.001885	76.47	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-49Z	0.005	0.00061	0.051	No	17	0.003469	0.002162	64.71	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-5	0.02969	0.01775	0.051	No	33	0.02537	0.015	0	None	sqrt(x)	0.01	Param.
Copper (mg/L)	GWC-6	0.005	0.0038	0.051	No	34	0.004427	0.001271	64.71	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-6RZ	0.005	0.00028	0.051	No	17	0.004722	0.001145	94.12	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-7Z	0.005	0.00025	0.051	No	12	0.003455	0.002284	66.67	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-8RR	0.005	0.002	0.051	No	22	0.004864	0.0006396	95.45	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-8Z	0.005	0.00091	0.051	No	17	0.004203	0.00178	76.47	None	No	0.01	NP (NDs)
Copper (mg/L)	GWC-9	0.005	0.0048	0.051	No	34	0.004708	0.001756	67.65	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-10	0.1	0.0389	0.3	No	18	0.07841	0.03179	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-10R	0.1	0.05	0.3	No	18	0.08599	0.02743	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-11	0.1	0.042	0.3	No	18	0.08098	0.02827	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-11R	0.1	0.05	0.3	No	18	0.08528	0.02891	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-12	0.1	0.035	0.3	No	18	0.08372	0.0317	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-13	0.24	0.08	0.3	No	18	0.09441	0.04504	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-13RZ	0.1719	0.1034	0.3	No	18	0.1377	0.05657	11.11	None	No	0.01	Param.
Fluoride, total (mg/L)	GWC-14Z	0.1	0.05	0.3	No	17	0.08028	0.03177	64.71	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-15R	0.1	0.06	0.3	No	18	0.08479	0.03101	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-15Z	0.1	0.03	0.3	No	18	0.07766	0.03416	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-44	0.09014	0.02736	0.3	No	19	0.0913	0.05015	31.58	Kaplan-Meier	No	0.01	Param.
Fluoride, total (mg/L)	GWC-45	0.1	0.04	0.3	No	18	0.087	0.03048	83.33	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-45R	0.14	0.039	0.3	No	18	0.08304	0.03746	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-46R	0.1	0.05	0.3	No	18	0.08306	0.03366	77.78	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	GWC-47	0.1	0.047	0.3	No	18	0.0783	0.03391	44.44	None	No	0.01	NP (normality)
Fluoride, total (mg/L)	GWC-47R	0.13	0.065	0.3	No	18	0.08533	0.03416	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-48	0.1	0.03	0.3	No	18	0.07742	0.03508	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-49R	0.1	0.07	0.3	No	18	0.09011	0.0244	83.33	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-49Z	0.1	0.08	0.3	No	18	0.08861	0.02999	83.33	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-5	0.1	0.04	0.3	No	18	0.0825	0.03426	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-6	0.1	0.0376	0.3	No	18	0.08259	0.03396	77.78	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-6RZ	0.1	0.08	0.3	No	18	0.08568	0.02869	72.22	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-7Z	0.22	0.05	0.3	No	18	0.0895	0.04414	66.67	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-8RR	0.1	0.02	0.3	No	18	0.08569	0.03308	83.33	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-8Z	0.1	0.05	0.3	No	18	0.07987	0.03064	55.56	None	No	0.01	NP (NDs)
Fluoride, total (mg/L)	GWC-9	0.1	0.0518	0.3	No	18	0.09069	0.02178	83.33	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-10	0.001	0.001	0.0038	No	39	0.0009756	0.0001526	97.44	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-10R	0.001	0.001	0.0038	No	39	0.0009787	0.0001329	97.44	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-11	0.001	0.00009	0.0038	No	39	0.0009279	0.0002531	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-11R	0.001	0.00018	0.0038	No	39	0.000931	0.0002428	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-13	0.001	0.00024	0.0038	No	39	0.0008031	0.0003651	76.92	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-13RZ	0.001	0.0003	0.0038	No	39	0.0009101	0.0002715	89.74	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-14Z	0.001	0.001	0.0038	No	39	0.0009597	0.0001754	94.87	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-15R	0.001	0.00093	0.0038	No	39	0.0008631	0.000269	71.79	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-15Z	0.001	0.000075	0.0038	No	39	0.0009273	0.0002553	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-44	0.0005559	0.0003231	0.0038	No	18	0.0006106	0.000295	27.78	Kaplan-Meier	sqrt(x)	0.01	Param.
Lead (mg/L)	GWC-45	0.001	0.00012	0.0038	No	18	0.0004967	0.0004196	38.89	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-45R	0.001	0.0001	0.0038	No	18	0.0007453	0.0004228	72.22	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-47	0.001	0.0001	0.0038	No	18	0.0007553	0.000409	72.22	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-47R	0.001	0.0001	0.0038	No	18	0.0007975	0.0003898	77.78	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-48	0.002529	0.0002	0.0038	No	18	0.001041	0.0004164	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-49Z	0.001	0.00017	0.0038	No	18	0.0007098	0.000424	66.67	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-5	0.001	0.001	0.0038	No	39	0.0009757	0.000152	97.44	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-6	0.001	0.0003	0.0038	No	39	0.0008657	0.0003205	84.62	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-6RZ	0.001	0.00008	0.0038	No	22	0.0008736	0.0003255	86.36	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-7Z	0.001	0.00009	0.0038	No	18	0.0005517	0.0004621	50	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-8RR	0.001	0.0001	0.0038	No	27	0.0008976	0.0002951	88.89	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-8Z	0.001	0.00016	0.0038	No	22	0.000515	0.0004203	40.91	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-9	0.001	0.0002	0.0038	No	39	0.000779	0.0003953	71.79	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-10	0.005	0.0036	0.053	No	34	0.006487	0.007296	47.06	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-10R	0.005	0.0011	0.053	No	33	0.004662	0.001289	84.85	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-11	0.005	0.0042	0.053	No	34	0.004912	0.0009828	88.24	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-11R	0.005	0.0046	0.053	No	34	0.004962	0.000167	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-12	0.005	0.0025	0.053	No	34	0.004866	0.005565	38.24	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-13	0.0061	0.0043	0.053	No	34	0.005234	0.002071	76.47	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-13RZ	0.005	0.0039	0.053	No	32	0.004591	0.0009665	81.25	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-14Z	0.0061	0.0045	0.053	No	34	0.005172	0.00234	64.71	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-15R	0.005	0.0038	0.053	No	33	0.004246	0.002107	57.58	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-15Z	0.0058	0.005	0.053	No	33	0.005906	0.003204	84.85	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-44	0.005	0.0007	0.053	No	17	0.003244	0.002165	58.82	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-45	0.0015	0.00099	0.053	No	17	0.001521	0.001032	5.882	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-45R	0.005	0.00095	0.053	No	17	0.004762	0.0009823	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-46R	0.005	0.0013	0.053	No	17	0.004782	0.0008974	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-47	0.005	0.0004	0.053	No	17	0.004729	0.001116	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-47R	0.005	0.0007	0.053	No	17	0.0037	0.001989	64.71	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-48	0.004425	0.003468	0.053	No	17	0.003946	0.0007644	5.882	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWC-49R	0.005	0.0004	0.053	No	17	0.004729	0.001116	94.12	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-49Z	0.004469	0.002259	0.053	No	17	0.003364	0.001764	5.882	None	No	0.01	Param.
Nickel (mg/L)	GWC-5	0.028	0.0098	0.053	No	34	0.02109	0.01293	0	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-6	0.005	0.0042	0.053	No	33	0.005267	0.003573	57.58	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-7Z	0.005	0.00078	0.053	No	12	0.00264	0.002089	41.67	None	No	0.01	NP (normality)
Nickel (mg/L)	GWC-8RR	0.005	0.003	0.053	No	22	0.004695	0.00107	90.91	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-8Z	0.005	0.002	0.053	No	17	0.003906	0.001805	70.59	None	No	0.01	NP (NDs)
Nickel (mg/L)	GWC-9	0.005	0.00116	0.053	No	32	0.003875	0.002774	34.38	None	No	0.01	NP (normality)
pH (pH_units)	GWC-10	7.273	6.671	8.04	No	18	6.972	0.4407	0	None	No	0.005	Param.
pH (pH_units)	GWC-10R	7.561	7.391	8.04	No	18	7.476	0.1245	0	None	No	0.005	Param.
pH (pH_units)	GWC-11	7.14	6.567	8.04	No	18	6.853	0.4198	0	None	No	0.005	Param.
pH (pH_units)	GWC-11R	7.893	7.651	8.04	No	19	7.772	0.1829	0	None	No	0.005	Param.
pH (pH_units)	GWC-12	6.427	6.212	8.04	No	18	6.316	0.1659	0	None	x^4	0.005	Param.
pH (pH_units)	GWC-13	7.389	7.266	8.04	No	18	7.327	0.08976	0	None	No	0.005	Param.
pH (pH_units)	GWC-13RZ	7.49	7.11	8.04	No	19	7.297	0.3323	0	None	No	0.01	NP (normality)
pH (pH_units)	GWC-14Z	6.93	6.06	8.04	No	15	6.515	0.4309	0	None	No	0.01	NP (normality)
pH (pH_units)	GWC-15R	7.659	7.496	8.04	No	18	7.578	0.1195	0	None	No	0.005	Param.
pH (pH_units)	GWC-15Z	7.837	7.698	8.04	No	16	7.768	0.09413	0	None	No	0.005	Param.
pH (pH_units)	GWC-44	4.574	4.387	8.04	Yes	19	4.481	0.1412	0	None	No	0.005	Param.
pH (pH_units)	GWC-45	5.071	4.855	8.04	No	20	4.963	0.1689	0	None	No	0.005	Param.
pH (pH_units)	GWC-45R	7.344	7.133	8.04	No	18	7.238	0.1542	0	None	No	0.005	Param.
pH (pH_units)	GWC-46R	7.444	7.324	8.04	No	19	7.384	0.0907	0	None	No	0.005	Param.
pH (pH_units)	GWC-47	7.584	7.427	8.04	No	20	7.506	0.1225	0	None	No	0.005	Param.
pH (pH_units)	GWC-47R	7.782	7.546	8.04	No	19	7.664	0.1789	0	None	No	0.005	Param.
pH (pH_units)	GWC-48	5.182	4.929	8.04	No	20	5.056	0.1983	0	None	No	0.005	Param.
pH (pH_units)	GWC-49R	7.998	7.759	8.04	No	19	7.878	0.1806	0	None	No	0.005	Param.
pH (pH_units)	GWC-49Z	5.749	5.294	8.04	No	19	5.522	0.3445	0	None	No	0.005	Param.
pH (pH_units)	GWC-5	6.39	5.98	8.04	No	18	6.212	0.361	0	None	No	0.01	NP (normality)
pH (pH_units)	GWC-6	7.449	7.254	8.04	No	18	7.352	0.1432	0	None	No	0.005	Param.
pH (pH_units)	GWC-6RZ	7.108	6.889	8.04	No	18	6.998	0.1604	0	None	No	0.005	Param.
pH (pH_units)	GWC-7Z	7.565	7.164	8.04	No	18	7.364	0.293	0	None	No	0.005	Param.
pH (pH_units)	GWC-8RR	8.057	7.885	8.04	No	19	7.971	0.1302	0	None	No	0.005	Param.
pH (pH_units)	GWC-8Z	7.758	7.016	8.04	No	18	7.387	0.5433	0	None	No	0.005	Param.
pH (pH_units)	GWC-9	6.44	4.82	8.04	No	18	5.609	0.8028	0	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-13	0.005	0.0048	0.005	No	39	0.004723	0.001357	61.54	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-13RZ	0.005	0.0024	0.005	No	39	0.004682	0.0009597	89.74	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-14Z	0.005	0.005	0.005	No	39	0.004826	0.0007597	94.87	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-15R	0.005	0.005	0.005	No	39	0.004913	0.0005444	97.44	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-44	0.004125	0.002407	0.005	No	18	0.004111	0.001486	38.89	Kaplan-Meier	No	0.01	Param.
Selenium (mg/L)	GWC-46R	0.005	0.0009	0.005	No	18	0.004772	0.0009664	94.44	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-48	0.005	0.0009	0.005	No	18	0.004772	0.0009664	94.44	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-5	0.005	0.005	0.005	No	38	0.005032	0.000687	89.47	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-6RZ	0.005	0.0038	0.005	No	22	0.004945	0.0002558	95.45	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-8Z	0.0089	0.005	0.005	No	22	0.005177	0.0008315	95.45	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-9	0.005	0.005	0.005	No	39	0.004924	0.0004772	97.44	None	No	0.01	NP (NDs)
Silver (mg/L)	GWC-12	0.005	0.005	0.005	No	34	0.004988	0.0000686	97.06	None	No	0.01	NP (NDs)
Silver (mg/L)	GWC-13RZ	0.005	0.005	0.005	No	33	0.004927	0.0004178	96.97	None	No	0.01	NP (NDs)
Sulfate, total (mg/L)	GWC-10	1.536	1.158	147	No	18	1.347	0.3121	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-10R	1.584	1.195	147	No	18	1.389	0.3212	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-11	2.757	2.073	147	No	18	2.415	0.5654	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-11R	2.962	1.945	147	No	18	2.454	0.8403	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-12	0.5	0.35	147	No	18	0.4449	0.1185	44.44	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate, total (mg/L)	GWC-13	95.3	36.98	147	No	18	66.14	48.2	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-13RZ	68.26	49.76	147	No	18	57.02	18.3	0	None	x^2	0.01	Param.
Sulfate, total (mg/L)	GWC-14Z	6.168	2.773	147	No	17	4.471	2.709	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-15R	10.19	8.083	147	No	18	9.136	1.739	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-15Z	4.448	1.385	147	No	18	3.431	3.358	0	None	x^(1/3)	0.01	Param.
Sulfate, total (mg/L)	GWC-44	31.29	13.43	147	No	18	22.36	14.77	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-45	0.9213	0.5573	147	No	18	0.7412	0.3184	27.78	Kaplan-Meier	sqrt(x)	0.01	Param.
Sulfate, total (mg/L)	GWC-45R	4.2	2.6	147	No	18	3.286	1.059	0	None	No	0.01	NP (normality)
Sulfate, total (mg/L)	GWC-46R	7.188	5.892	147	No	18	6.54	1.071	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-47	4.589	4.036	147	No	18	4.313	0.4569	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-47R	10.84	7.966	147	No	18	9.402	2.373	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-48	3.59	1.302	147	No	20	3.558	5.049	5	None	ln(x)	0.01	Param.
Sulfate, total (mg/L)	GWC-49R	3.75	2.742	147	No	19	3.325	0.9983	0	None	ln(x)	0.01	Param.
Sulfate, total (mg/L)	GWC-49Z	2.4	1.2	147	No	18	2.552	2.148	0	None	No	0.01	NP (normality)
Sulfate, total (mg/L)	GWC-5	1.569	1.217	147	No	18	1.393	0.2911	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-6	2.616	1.814	147	No	18	2.215	0.6624	5.556	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-6RZ	2.271	1.53	147	No	18	1.9	0.6126	5.556	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-7Z	1.301	0.6826	147	No	18	0.9917	0.5108	5.556	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-8RR	1.204	0.7588	147	No	18	1.002	0.3973	5.556	None	sqrt(x)	0.01	Param.
Sulfate, total (mg/L)	GWC-8Z	2.472	1.323	147	No	18	1.897	0.9498	0	None	No	0.01	Param.
Sulfate, total (mg/L)	GWC-9	2.855	1.77	147	No	18	2.313	0.8969	5.556	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-10	142.5	105.5	400	No	18	124	30.53	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	168.9	126.1	400	No	18	147.5	35.32	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-11	106.8	79.49	400	No	18	93.17	22.6	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	142.7	121.1	400	No	18	131.9	17.84	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-12	73	58	400	No	18	66	13.84	0	None	No	0.01	NP (normality)
Total Dissolved Solids [TDS] (mg/l)	GWC-13	256	162.4	400	No	18	209.2	77.31	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	284.6	237.2	400	No	18	253.2	55.7	0	None	x^3	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	136.8	77.1	400	No	18	110.3	55.13	0	None	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	181	154	400	No	18	167.3	25.75	0	None	No	0.01	NP (normality)
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	138	76	400	No	18	118.1	38.29	0	None	No	0.01	NP (normality)
Total Dissolved Solids [TDS] (mg/l)	GWC-44	70.51	24.29	400	No	19	53.32	49.7	15.79	Kaplan-Meier	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-45	26	5	400	No	18	18.11	19.27	38.89	None	No	0.01	NP (normality)
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	186.7	147.5	400	No	18	167.1	32.33	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	247	216.7	400	No	18	231.8	25.03	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-47	136	113	400	No	18	124.5	19	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	160.2	136.6	400	No	18	144.6	29.72	0	None	x^3	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-48	38.89	16.01	400	No	18	28.5	24.26	22.22	Kaplan-Meier	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	139.3	110.3	400	No	18	124.8	23.93	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	37.22	18.6	400	No	18	28.67	17.1	22.22	Kaplan-Meier	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-5	47.48	18.8	400	No	18	36.5	29.2	16.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-6	93.44	62.3	400	No	18	79.11	28.03	0	None	sqrt(x)	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	89.72	47.95	400	No	18	68.83	34.52	5.556	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	131.9	109.5	400	No	18	120.7	18.49	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	113.2	101.7	400	No	18	107.4	9.519	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	126.8	93.34	400	No	18	110.1	27.62	0	None	No	0.01	Param.
Total Dissolved Solids [TDS] (mg/l)	GWC-9	74.64	26.51	400	No	18	55.39	43.99	5.556	None	sqrt(x)	0.01	Param.
Vanadium (mg/L)	GWC-10	0.01	0.0082	0.01	No	34	0.009406	0.001793	88.24	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-11	0.01	0.0029	0.01	No	34	0.009356	0.002102	91.18	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-11R	0.01	0.0056	0.01	No	33	0.0078	0.002894	57.58	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-12	0.01	0.0082	0.01	No	34	0.0089	0.002385	79.41	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-13	0.01	0.0037	0.01	No	33	0.007106	0.003534	57.58	None	No	0.01	NP (NDs)

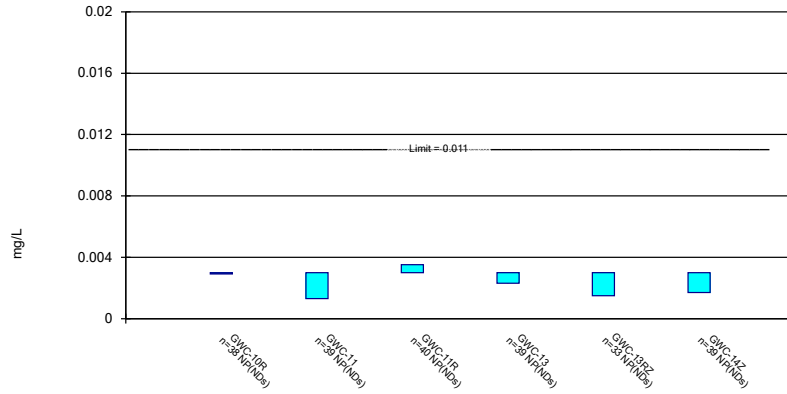
Confidence Intervals - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-13RZ	0.01	0.0064	0.01	No	31	0.008719	0.002347	70.97	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-14Z	0.01	0.0097	0.01	No	34	0.008997	0.002399	73.53	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-15R	0.01	0.01	0.01	No	34	0.009729	0.001583	97.06	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-15Z	0.012	0.005	0.01	No	33	0.0099	0.004892	45.45	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-45	0.01	0.0022	0.01	No	17	0.009541	0.001892	94.12	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-47R	0.01	0.00075	0.01	No	17	0.009456	0.002243	94.12	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-5	0.01	0.0032	0.01	No	34	0.009269	0.002408	91.18	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-6	0.01	0.007	0.01	No	34	0.008344	0.002915	73.53	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-8RR	0.01	0.0056	0.01	No	22	0.009573	0.001386	90.91	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-8Z	0.01	0.005	0.01	No	17	0.009706	0.001213	94.12	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-9	0.01	0.0065	0.01	No	34	0.00911	0.002269	85.29	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-10	0.01009	0.003597	0.13	No	34	0.01753	0.01523	38.24	Kaplan-Meier	x^(1/3)	0.01	Param.
Zinc (mg/L)	GWC-10R	0.02	0.005	0.13	No	34	0.01211	0.007762	47.06	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-11	0.02	0.0086	0.13	No	34	0.01489	0.007459	64.71	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-11R	0.02	0.0035	0.13	No	34	0.01244	0.00818	50	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-12	0.01936	0.008879	0.13	No	34	0.01744	0.01705	11.76	None	x^(1/3)	0.01	Param.
Zinc (mg/L)	GWC-13	0.01092	0.006247	0.13	No	30	0.01379	0.006393	33.33	Kaplan-Meier	No	0.01	Param.
Zinc (mg/L)	GWC-13RZ	0.02	0.0046	0.13	No	30	0.01062	0.007499	36.67	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-14Z	0.02	0.0028	0.13	No	29	0.01077	0.008058	37.93	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-15R	0.012	0.0038	0.13	No	32	0.008731	0.006946	25	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-15Z	0.02	0.0043	0.13	No	30	0.01308	0.008425	50	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-44	0.02	0.0039	0.13	No	17	0.01009	0.007601	35.29	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-45	0.02	0.004215	0.13	No	17	0.01195	0.007888	47.06	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-45R	0.02	0.0035	0.13	No	17	0.009783	0.007881	35.29	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-46R	0.02	0.0029	0.13	No	17	0.01324	0.00838	58.82	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-47	0.03663	0.02434	0.13	No	18	0.03048	0.01016	11.11	None	No	0.01	Param.
Zinc (mg/L)	GWC-47R	0.02418	0.01558	0.13	No	17	0.01988	0.00686	11.76	None	No	0.01	Param.
Zinc (mg/L)	GWC-48	0.02	0.00672	0.13	No	17	0.01252	0.006603	41.18	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-49R	0.02	0.005	0.13	No	17	0.01815	0.00522	88.24	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-49Z	0.02	0.0042	0.13	No	17	0.01295	0.007847	52.94	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-5	0.07765	0.04687	0.13	No	34	0.06663	0.03943	2.941	None	sqrt(x)	0.01	Param.
Zinc (mg/L)	GWC-6	0.02	0.0063	0.13	No	29	0.01397	0.006885	44.83	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-6RZ	0.02	0.0025	0.13	No	17	0.01223	0.008625	52.94	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-7Z	0.02	0.0053	0.13	No	12	0.01737	0.006168	83.33	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-8RR	0.02	0.0039	0.13	No	22	0.01313	0.008033	54.55	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-8Z	0.02	0.0027	0.13	No	17	0.01241	0.008415	52.94	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-9	0.008	0.004511	0.13	No	30	0.01065	0.007337	26.67	Kaplan-Meier	x^(1/3)	0.01	Param.

Non-Parametric Confidence Interval

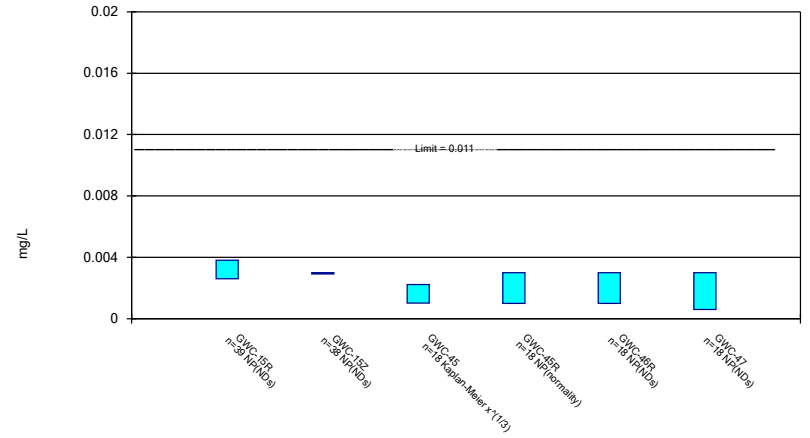
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

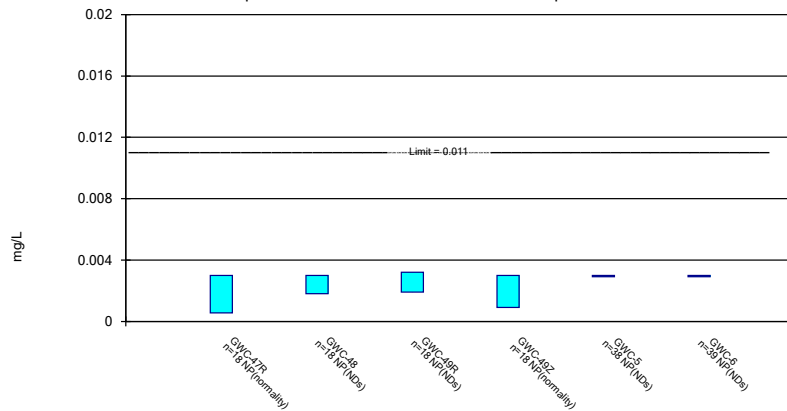
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Antimony Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

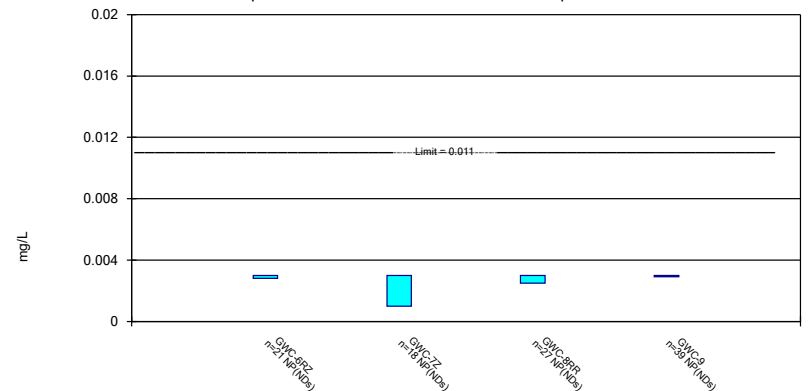
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

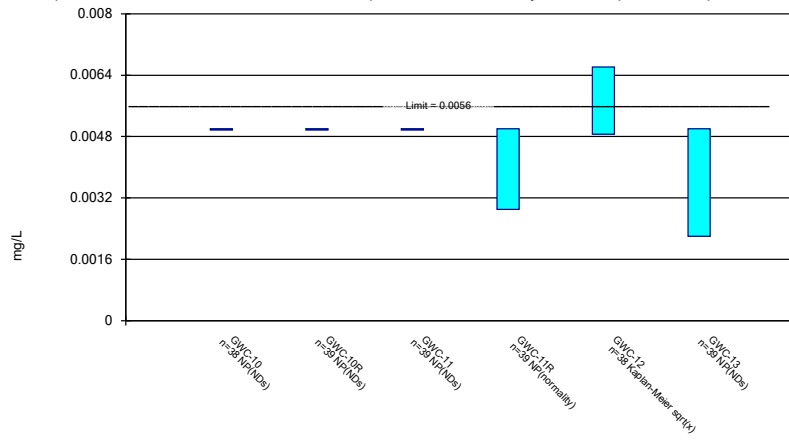
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

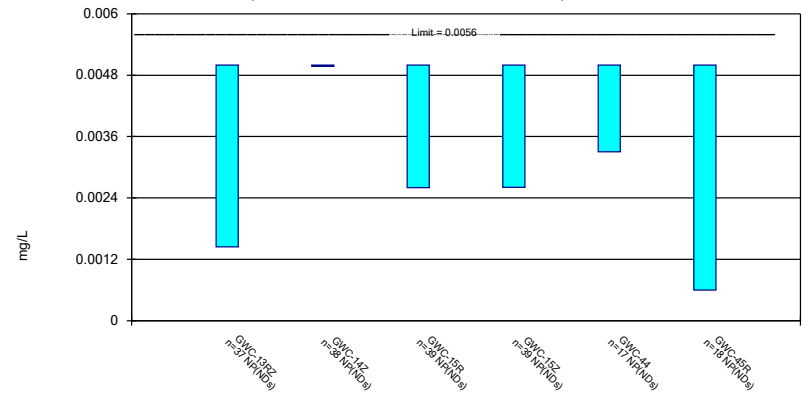
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

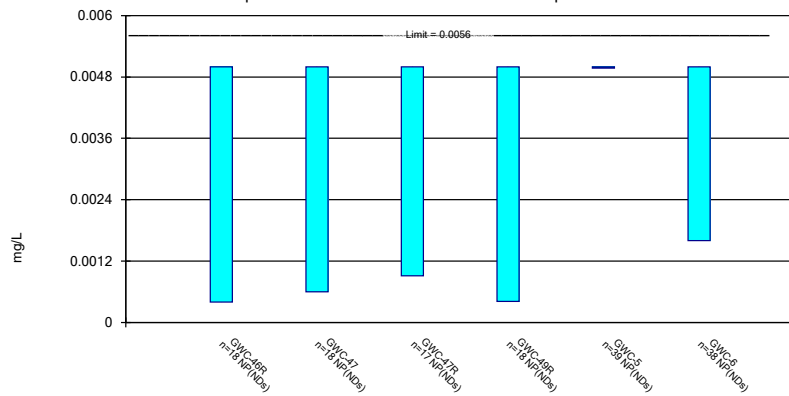
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Arsenic Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

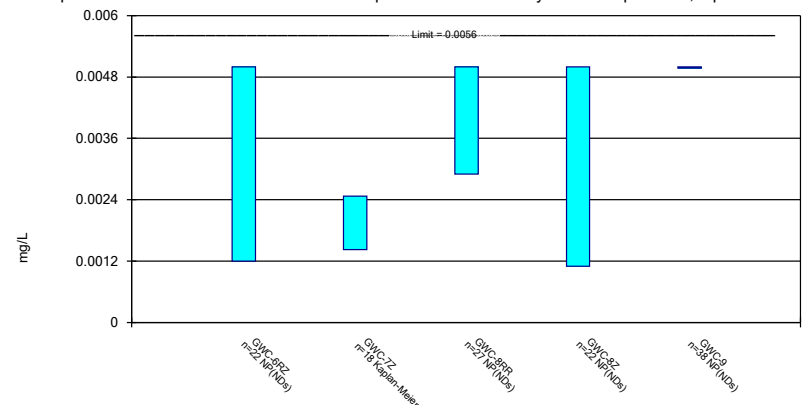
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Arsenic Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

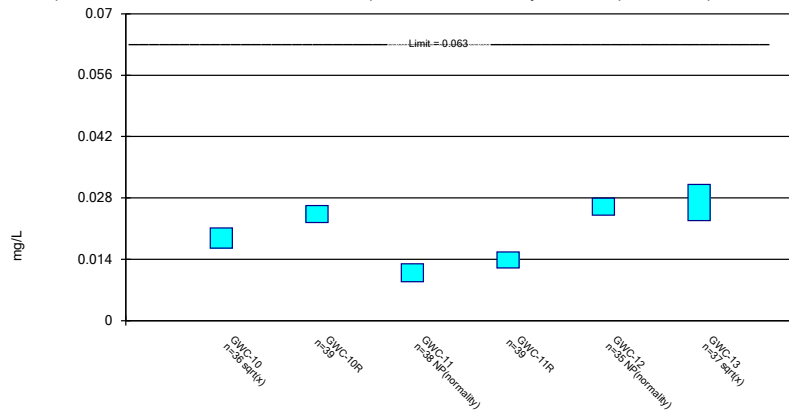
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

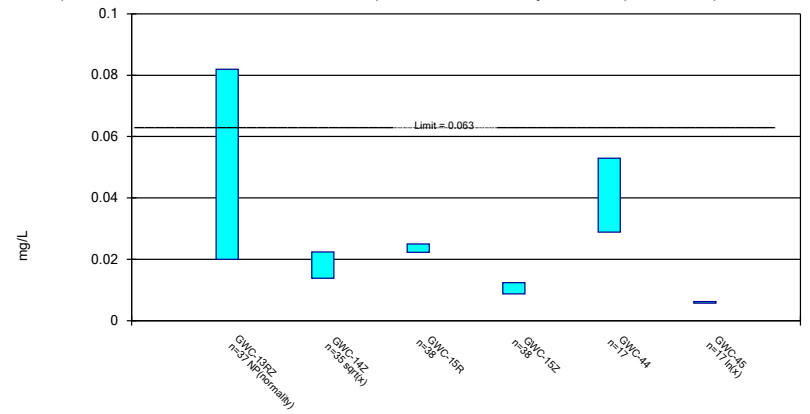
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

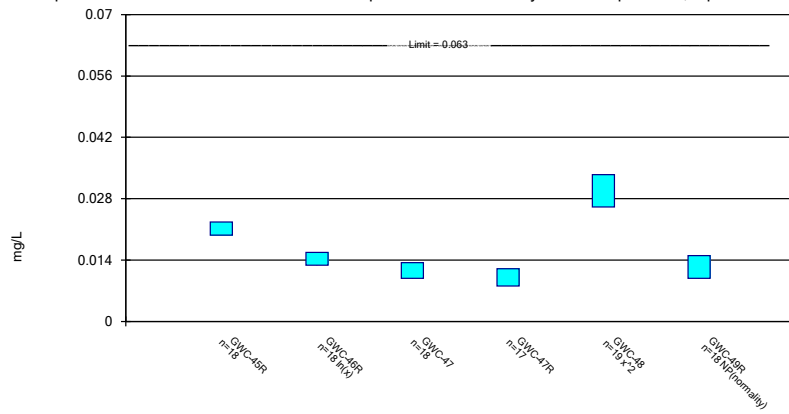
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

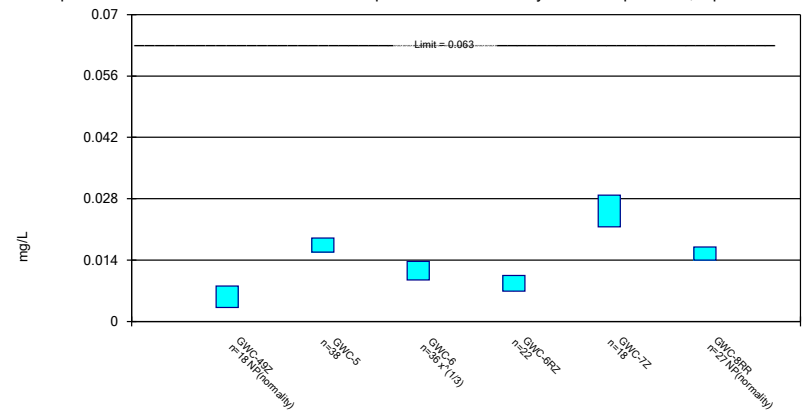
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

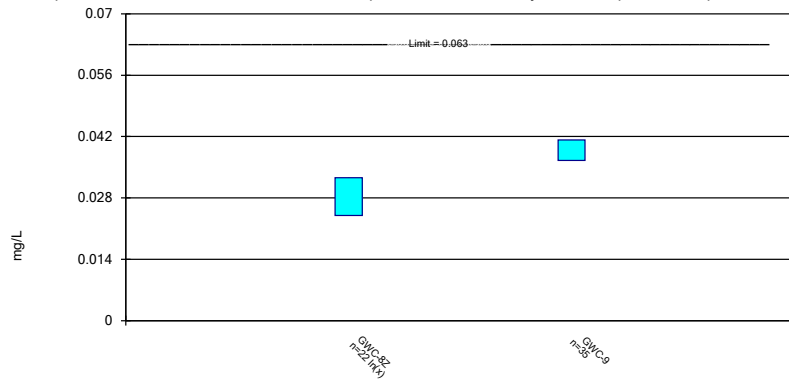
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

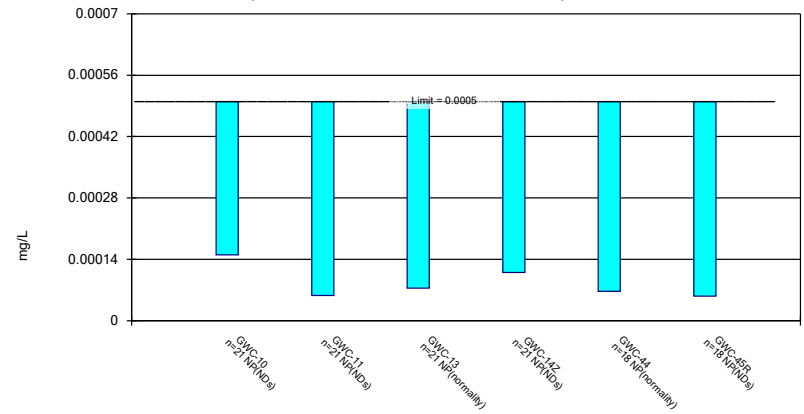
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

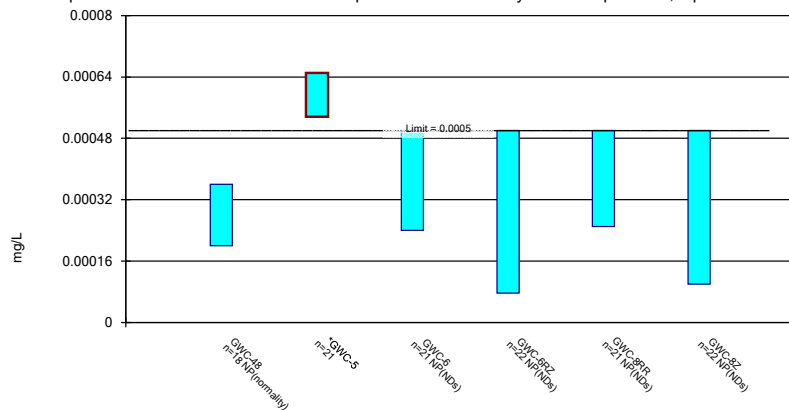
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

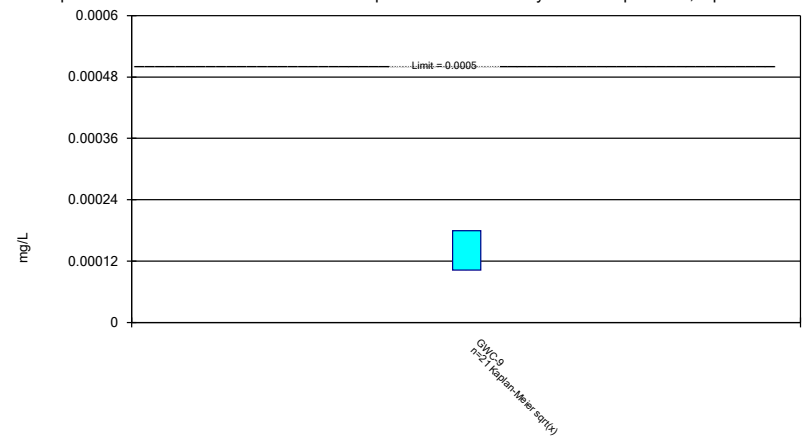
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

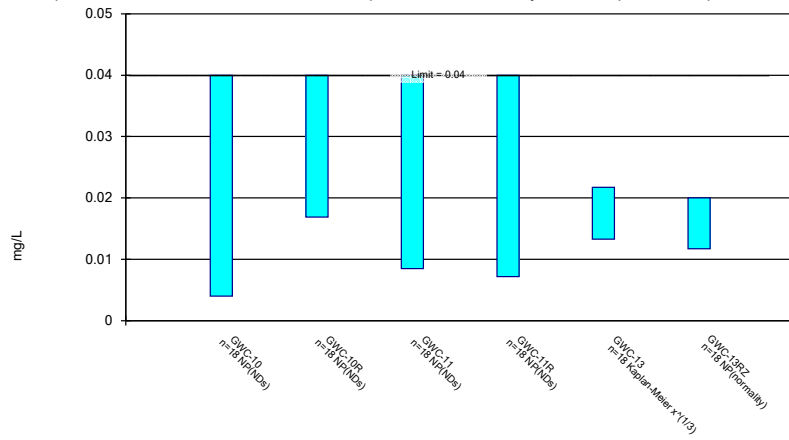
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

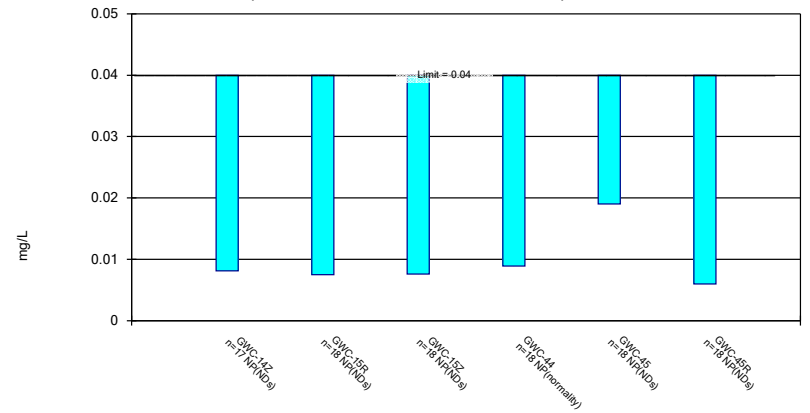
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Boron, total Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

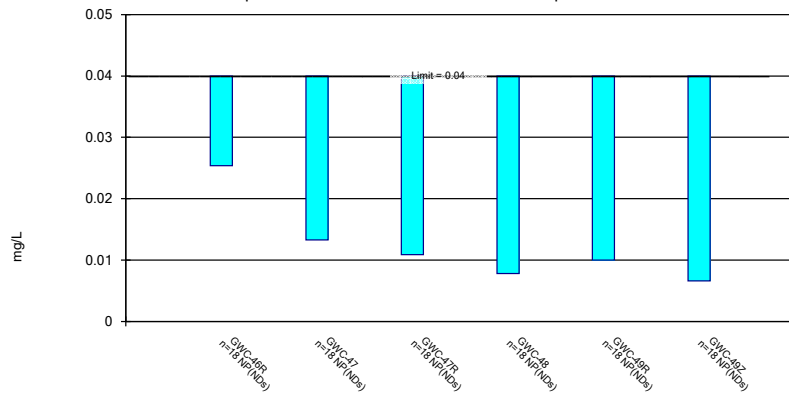
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Boron, total Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

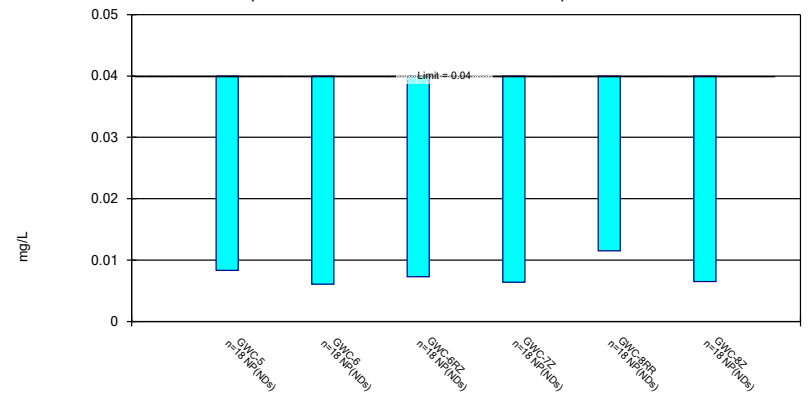
Compliance Limit is not exceeded. Per-well alpha = 0.01.



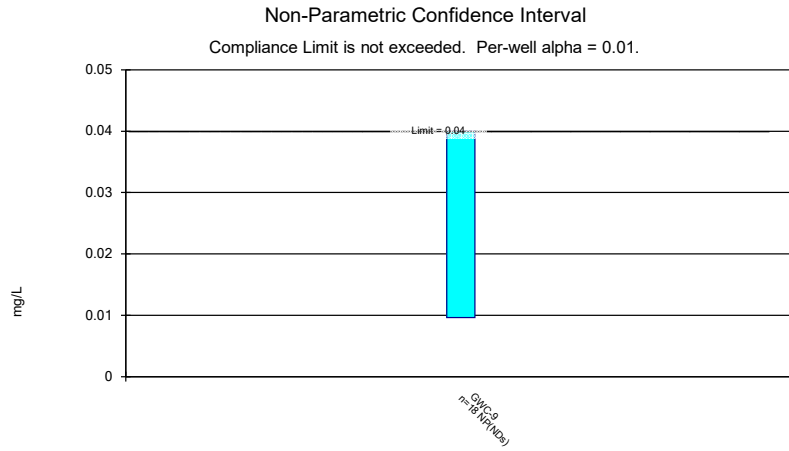
Constituent: Boron, total Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

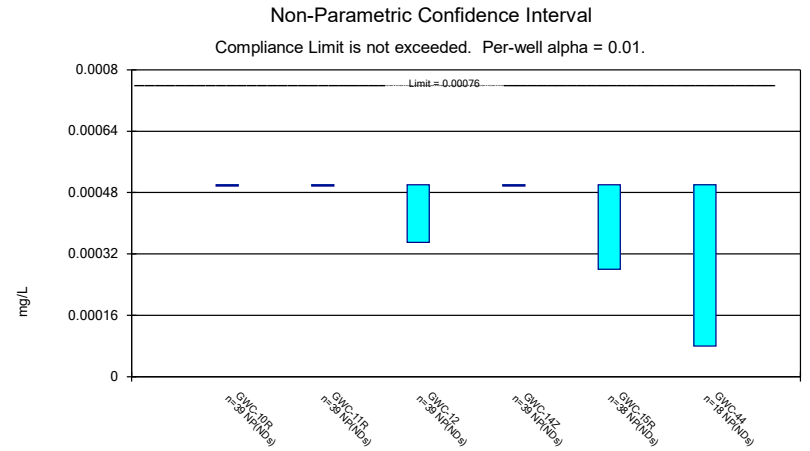
Compliance Limit is not exceeded. Per-well alpha = 0.01.



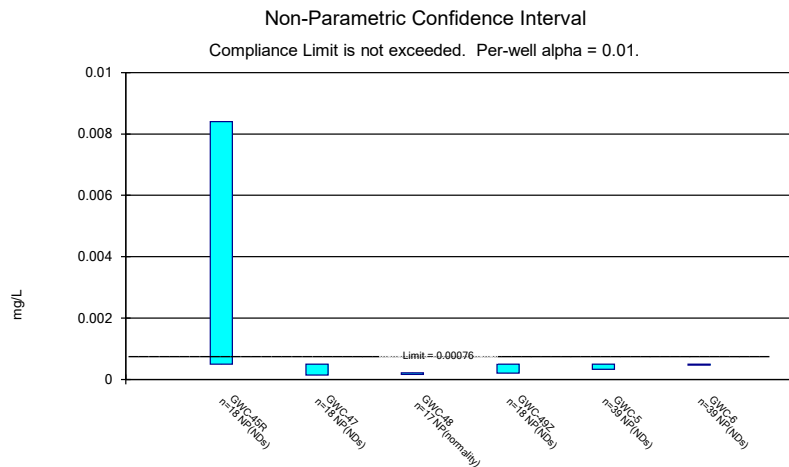
Constituent: Boron, total Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



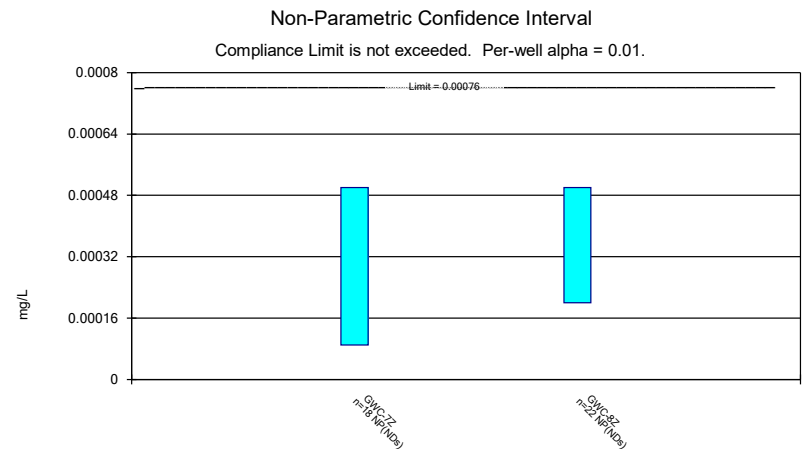
Constituent: Boron, total Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Cadmium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



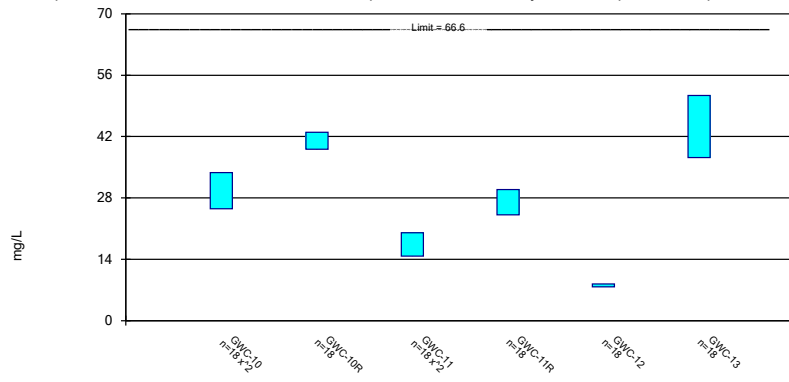
Constituent: Cadmium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Cadmium Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

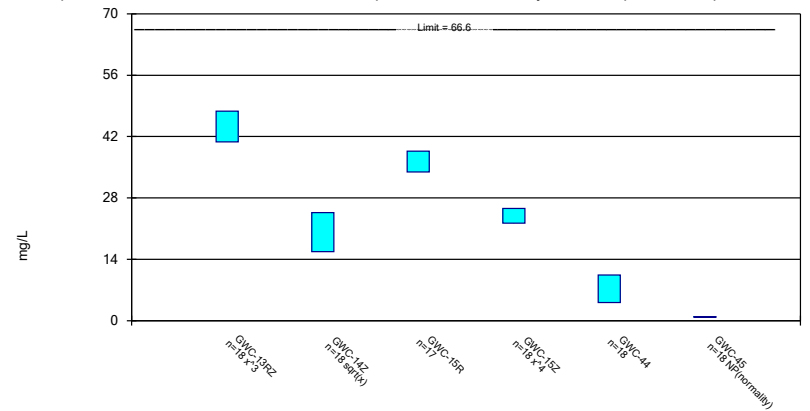
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Calcium, total Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

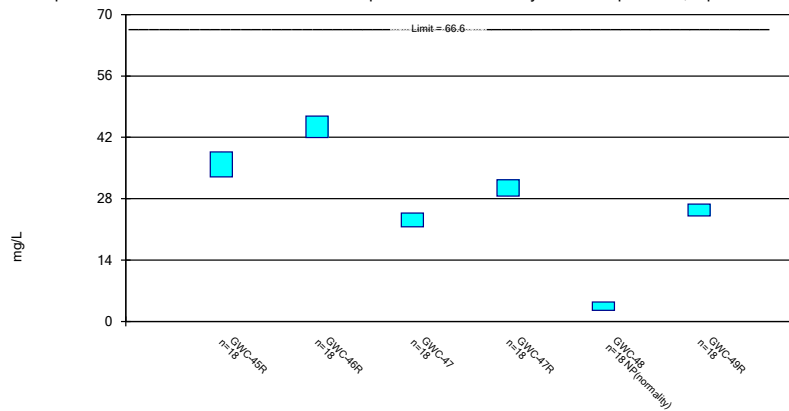
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Calcium, total Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

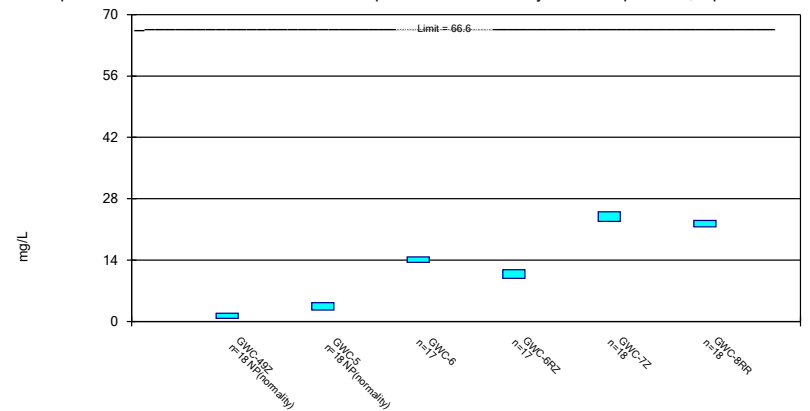
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Calcium, total Analysis Run 4/1/2022 5:22 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

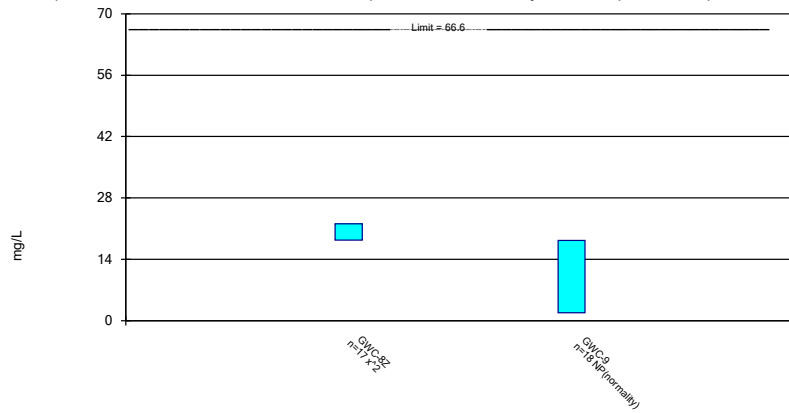
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Calcium, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

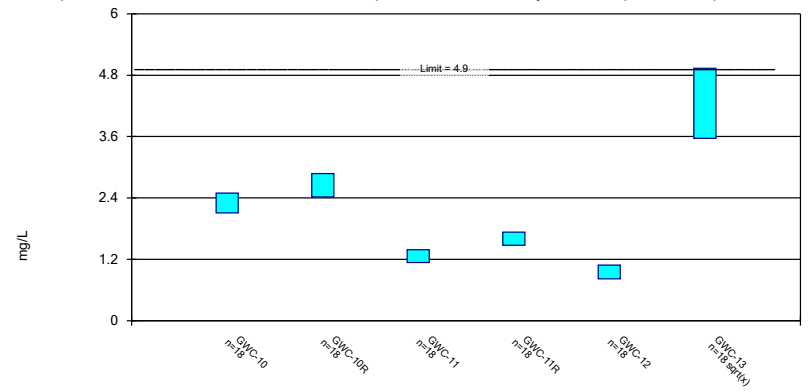
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Calcium, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

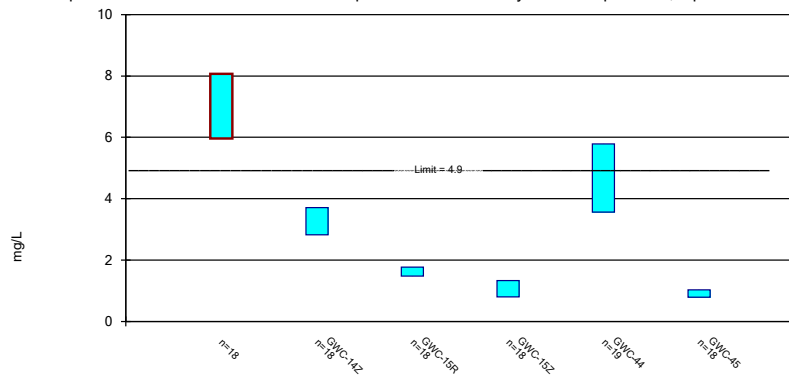
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chloride, Total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

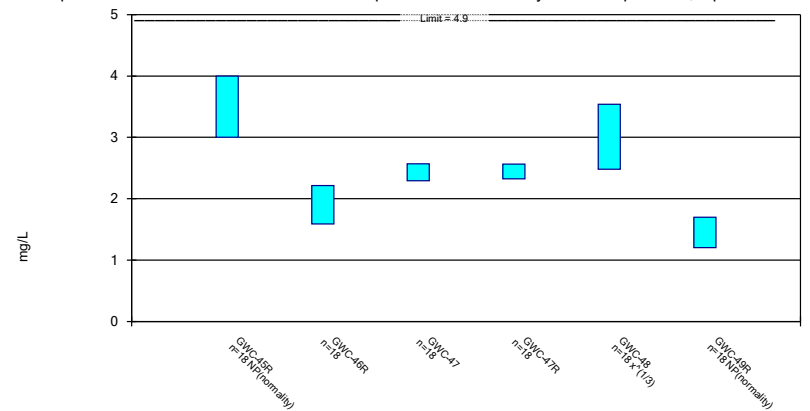
Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chloride, Total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

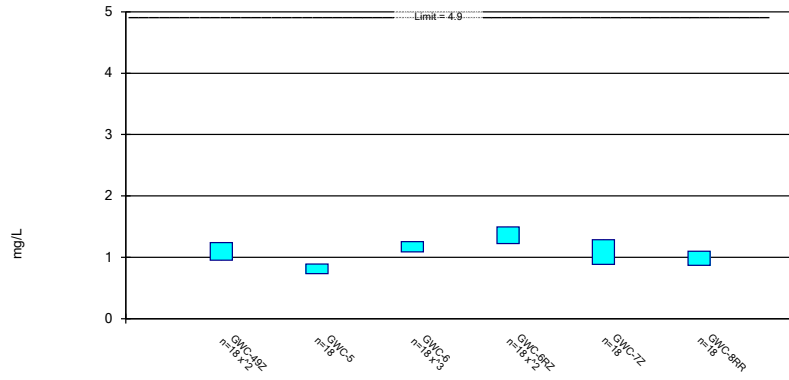
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chloride, Total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

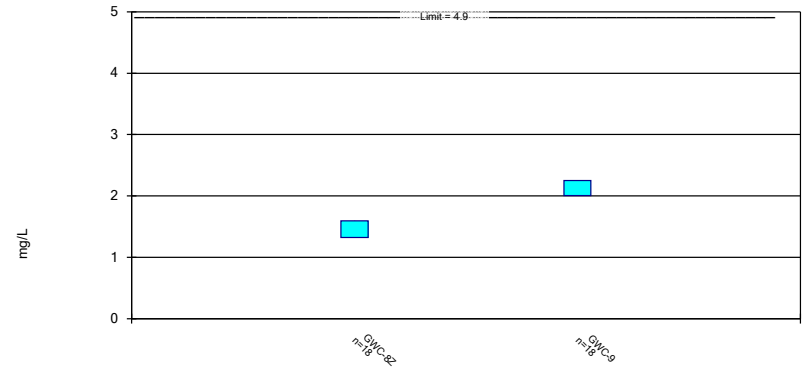
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chloride, Total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

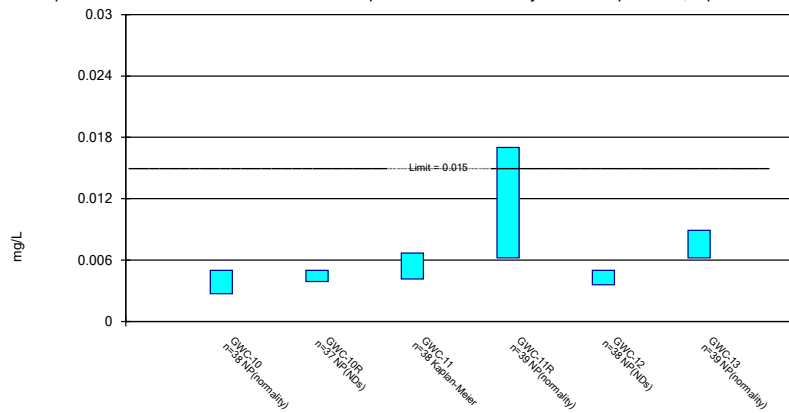
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chloride, Total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

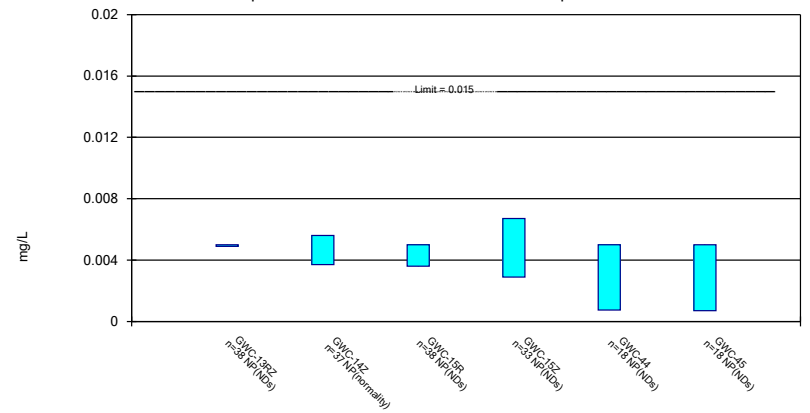
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



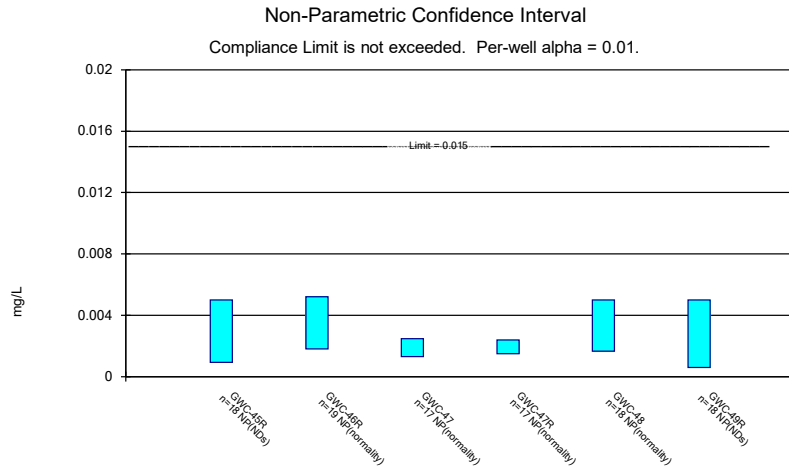
Constituent: Chromium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

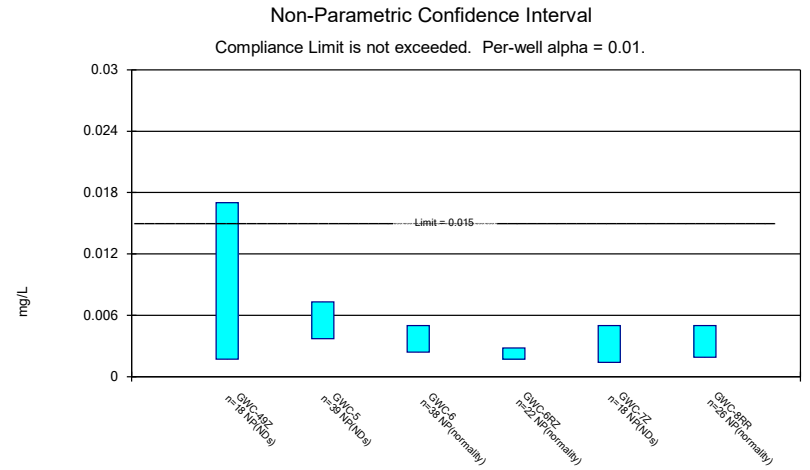
Compliance Limit is not exceeded. Per-well alpha = 0.01.



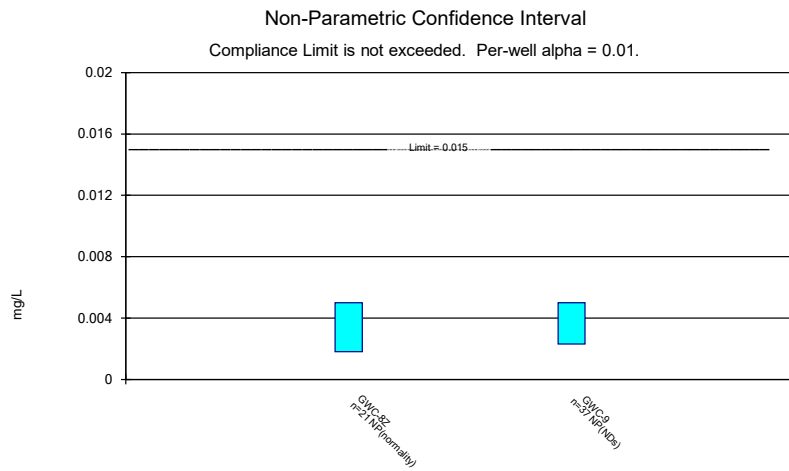
Constituent: Chromium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



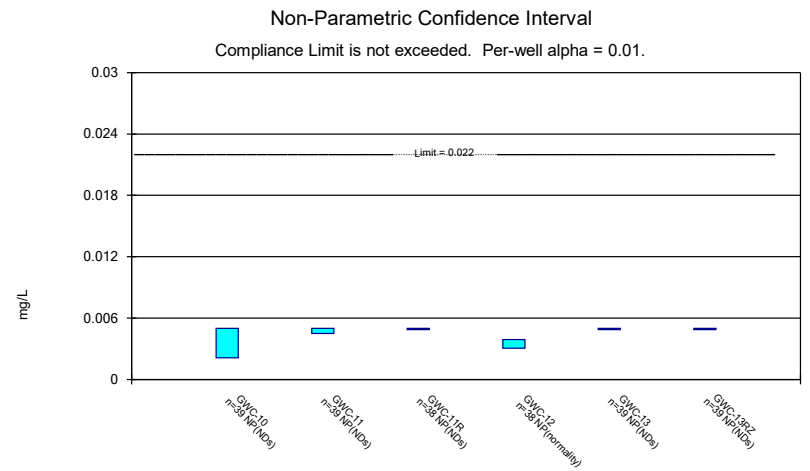
Constituent: Chromium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Chromium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



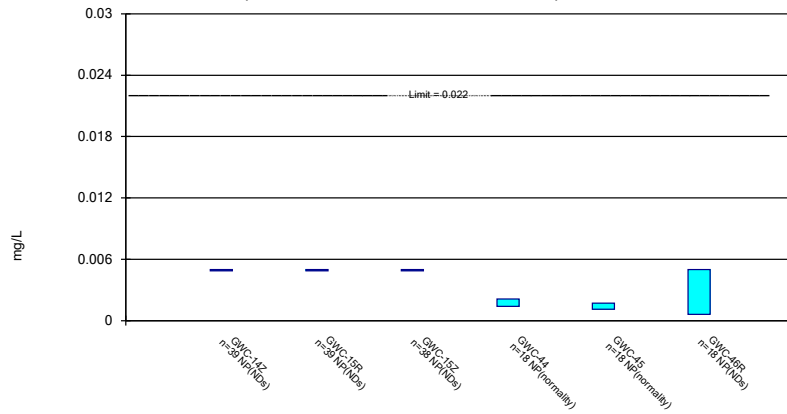
Constituent: Chromium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Cobalt Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

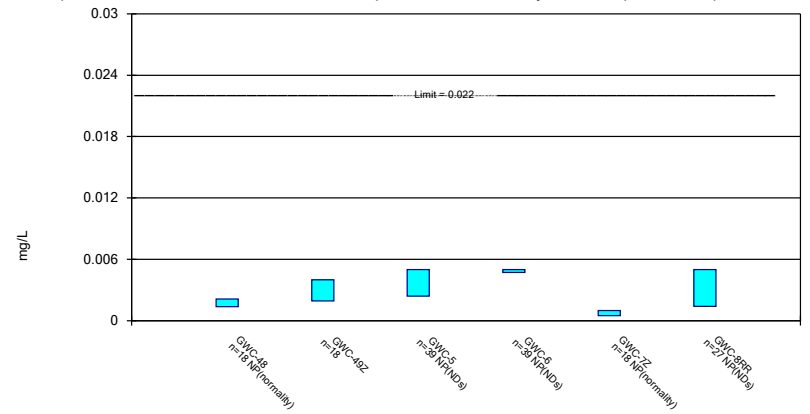
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cobalt Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

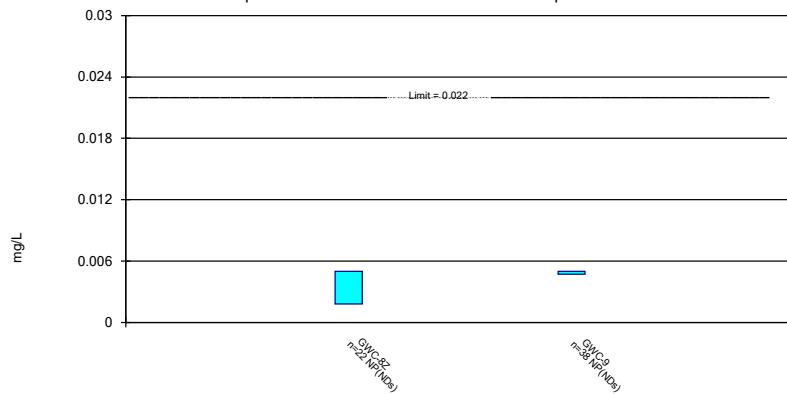
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

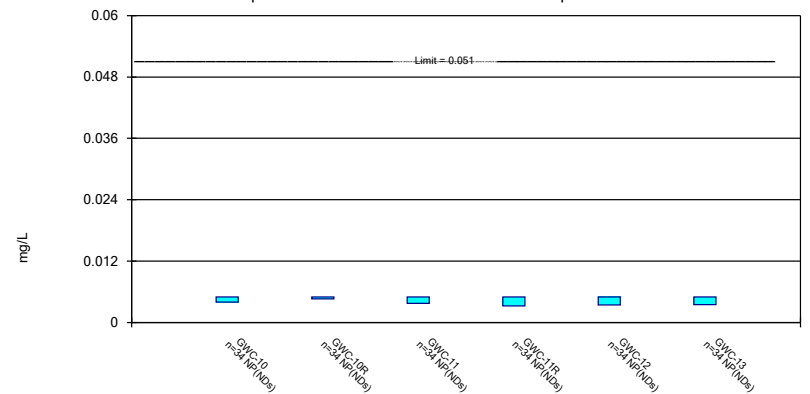
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cobalt Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

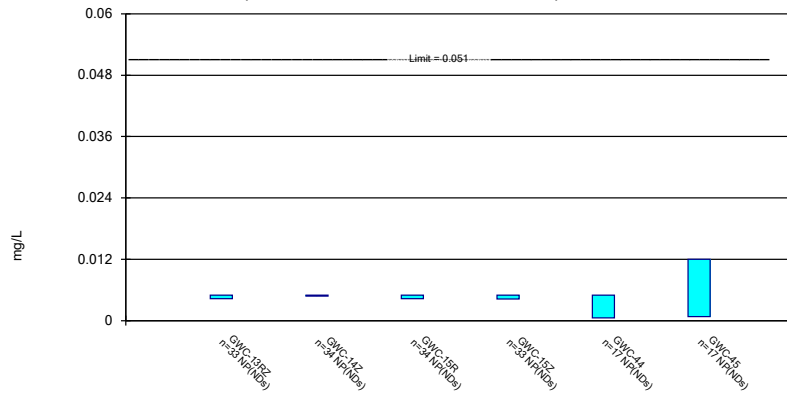
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Copper Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

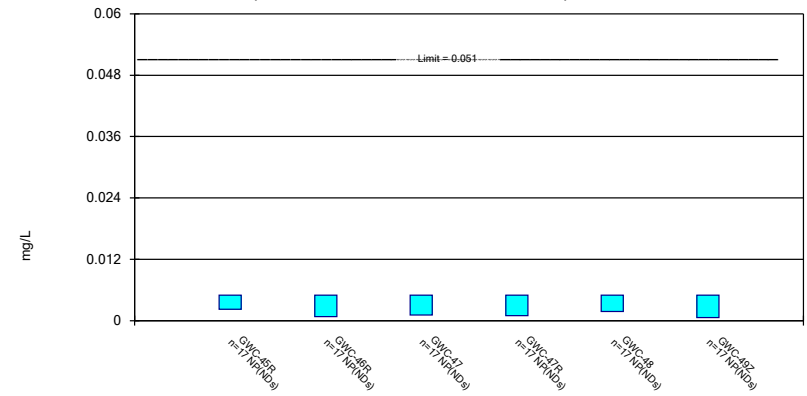
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Copper Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

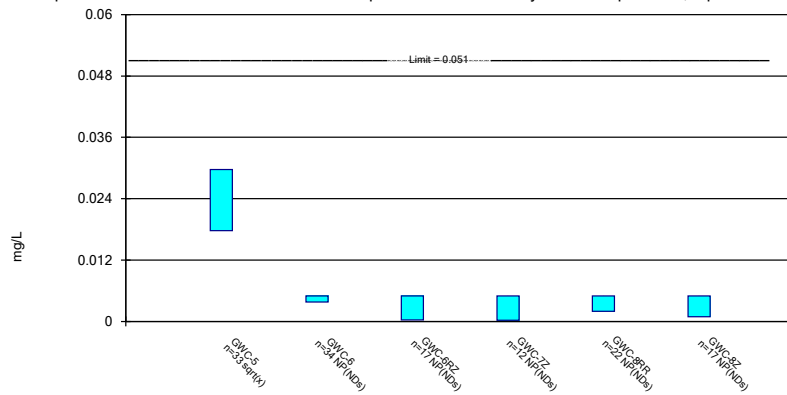
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Copper Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

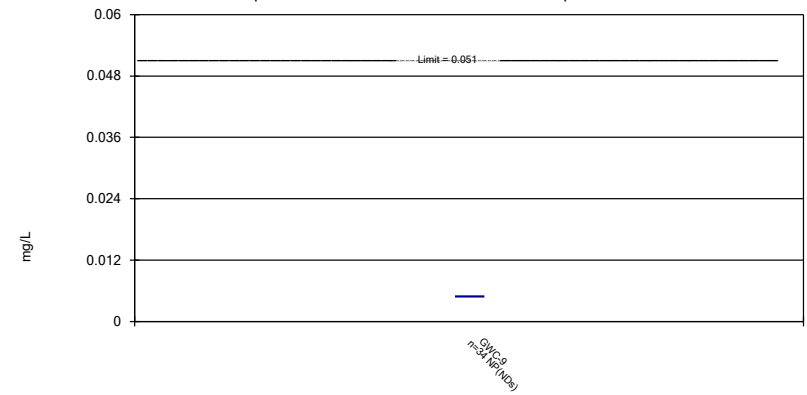
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



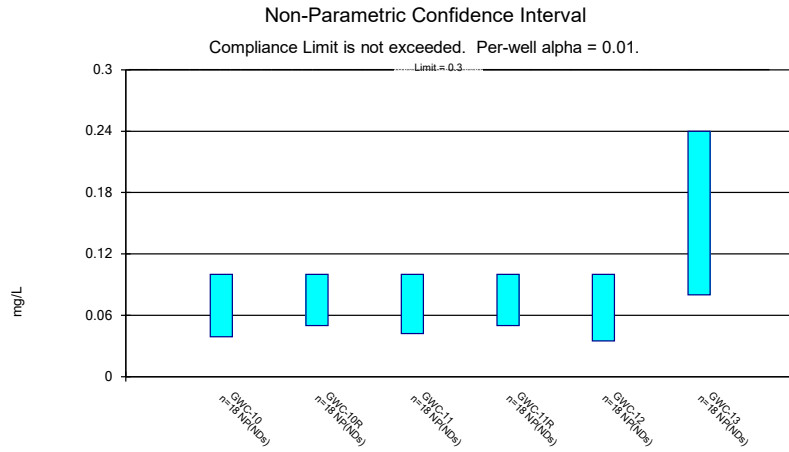
Constituent: Copper Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

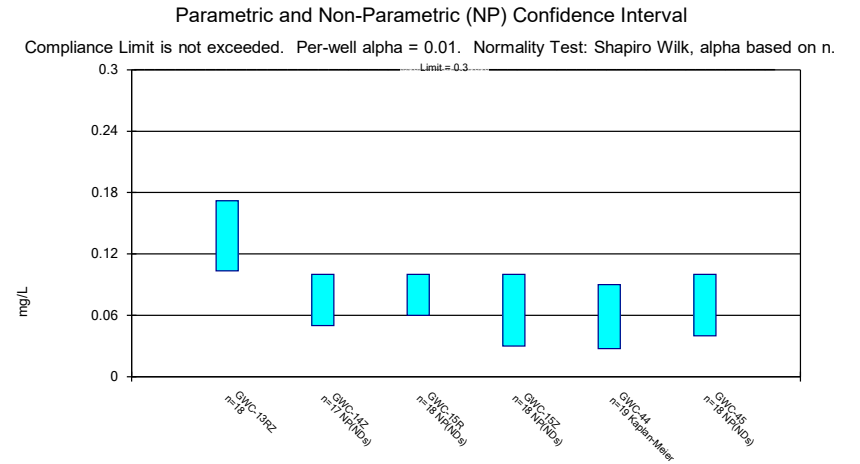
Compliance Limit is not exceeded. Per-well alpha = 0.01.



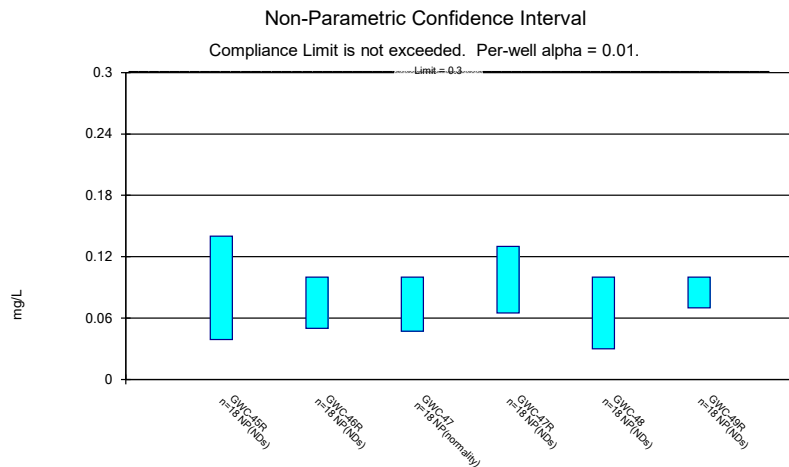
Constituent: Copper Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



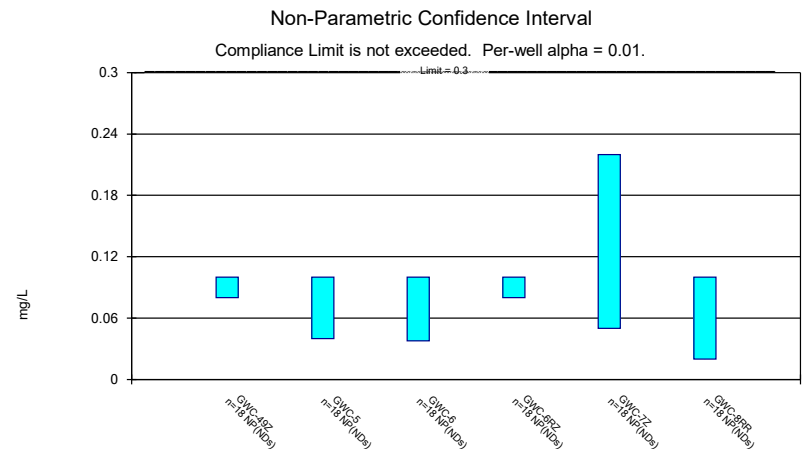
Constituent: Fluoride, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



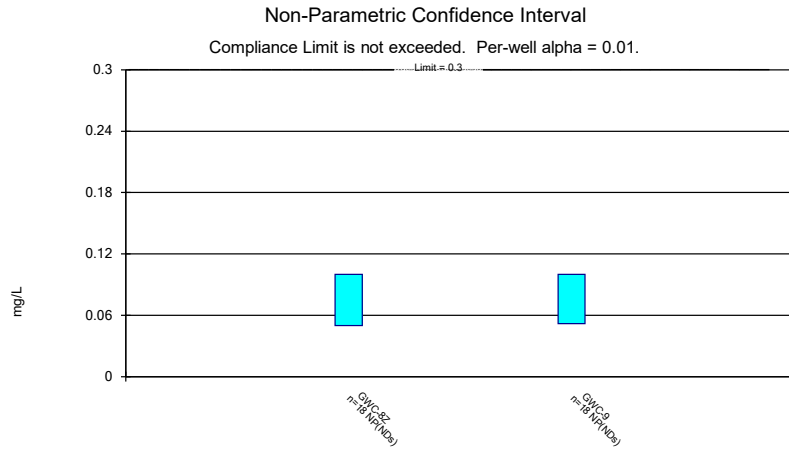
Constituent: Fluoride, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



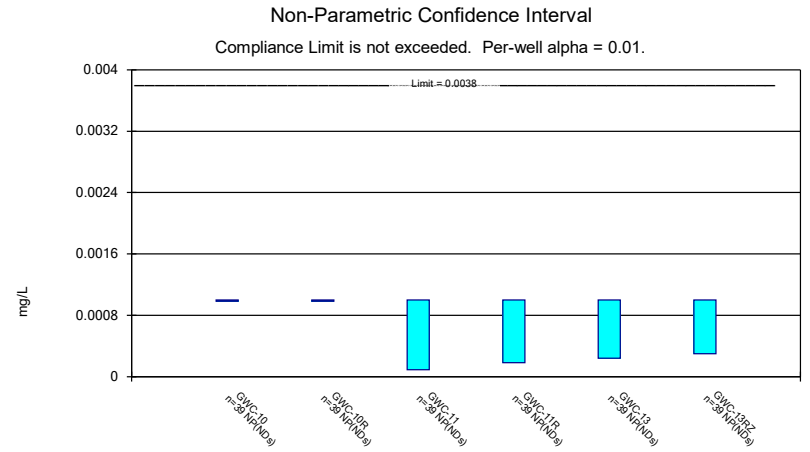
Constituent: Fluoride, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



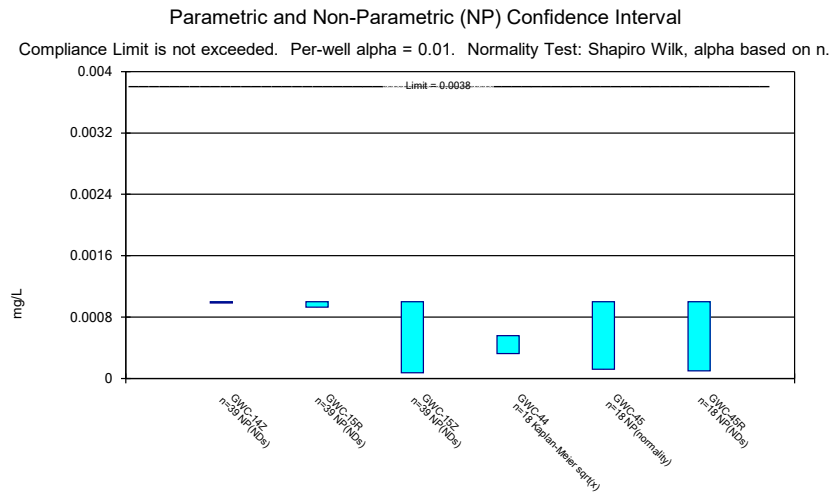
Constituent: Fluoride, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



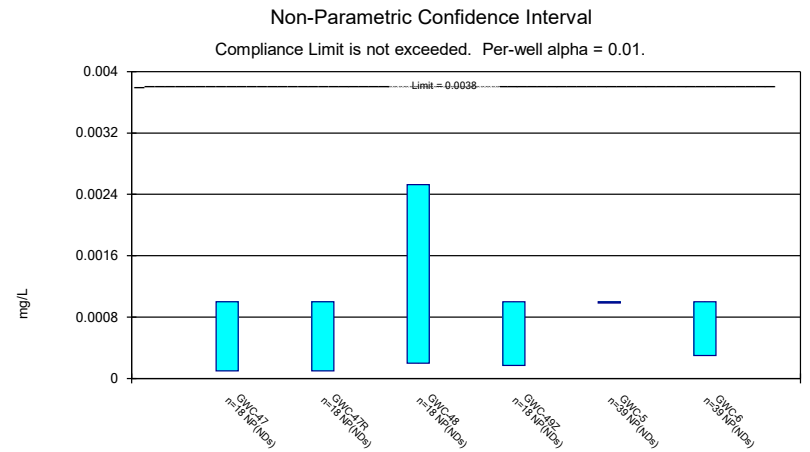
Constituent: Fluoride, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



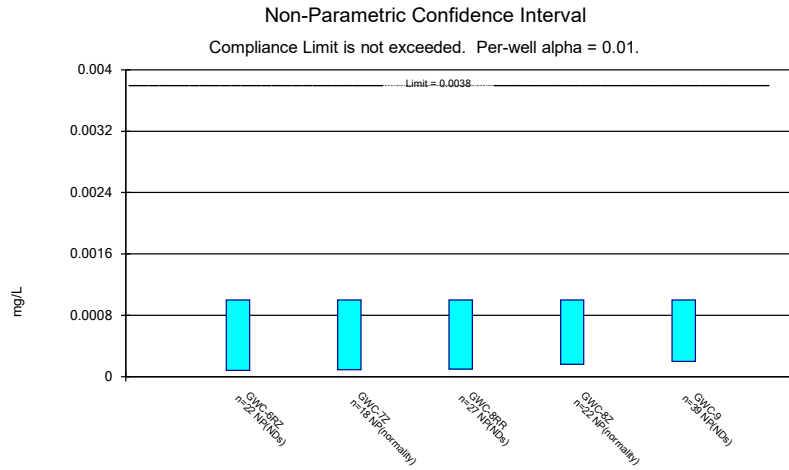
Constituent: Lead Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



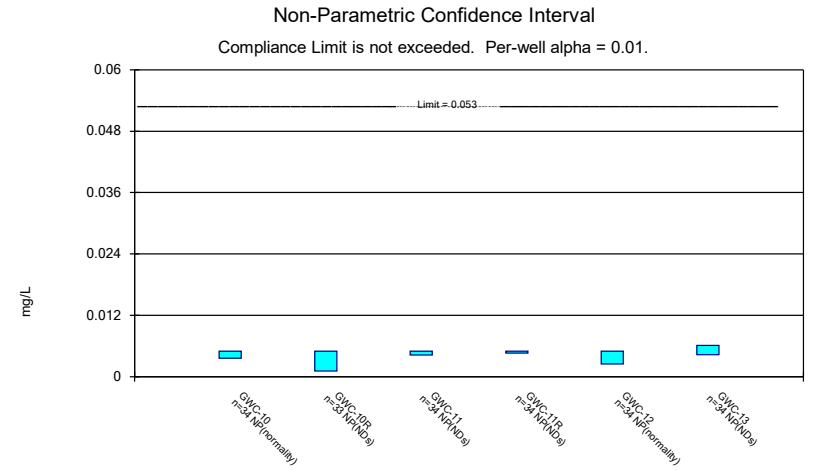
Constituent: Lead Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



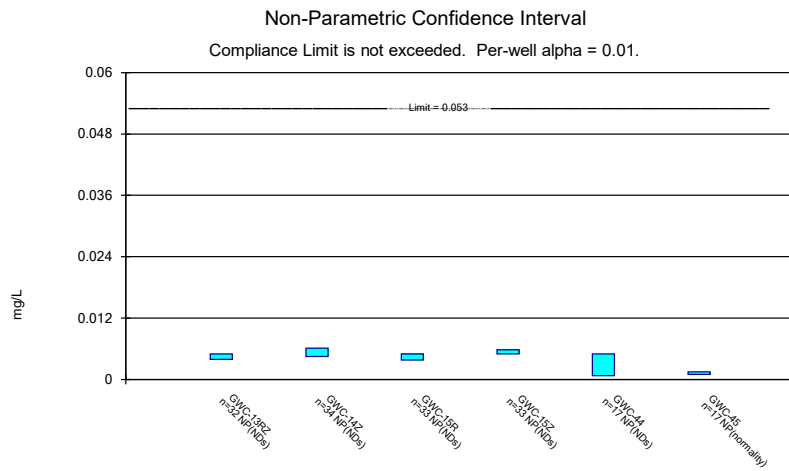
Constituent: Lead Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



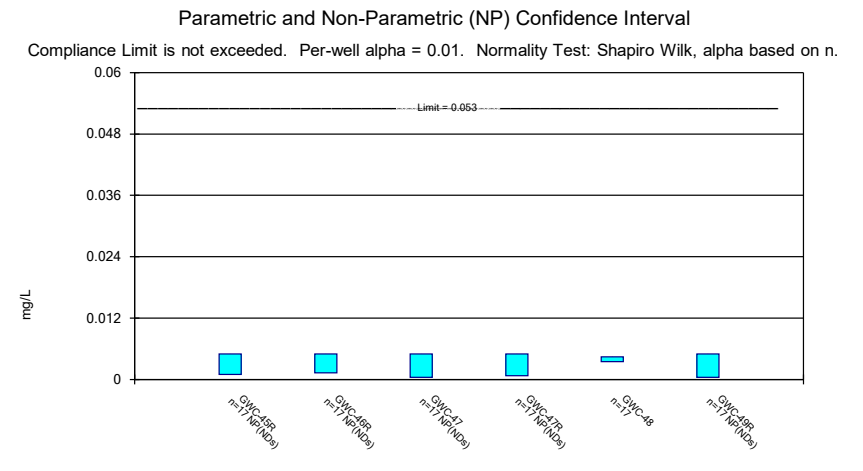
Constituent: Lead Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Nickel Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



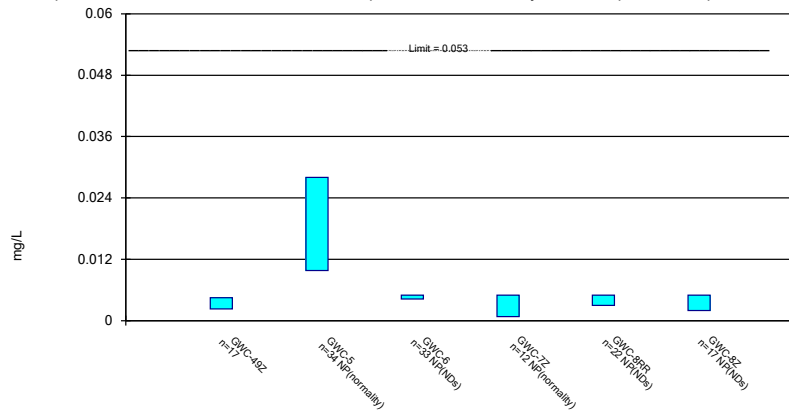
Constituent: Nickel Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Nickel Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

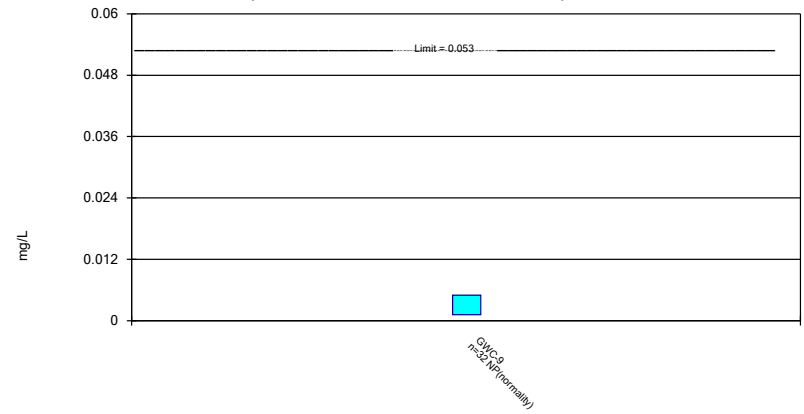
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Nickel Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

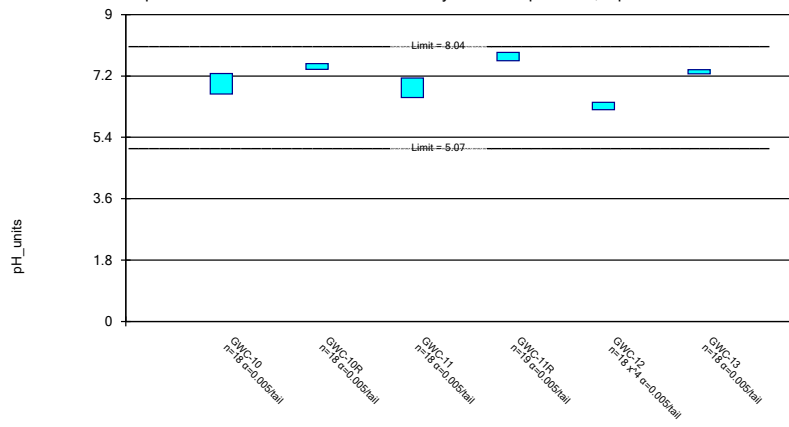
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Nickel Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

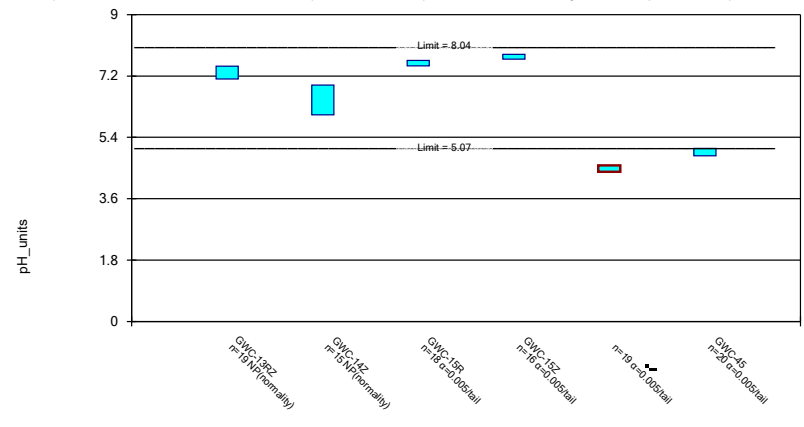
Compliance Limit is not exceeded. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: pH Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

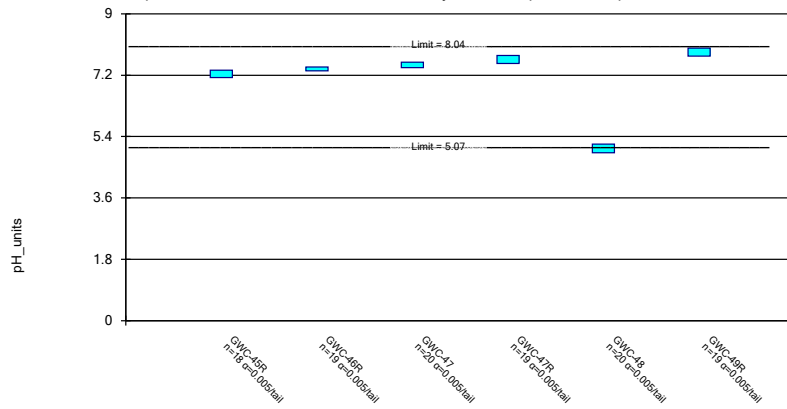
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: pH Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

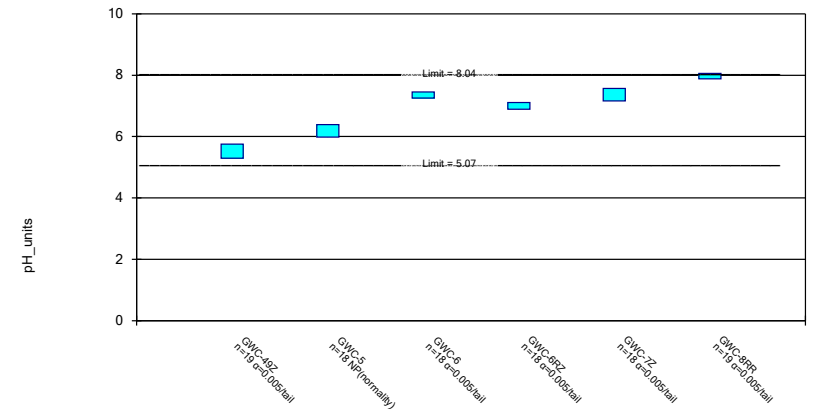
Compliance Limit is not exceeded. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: pH Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

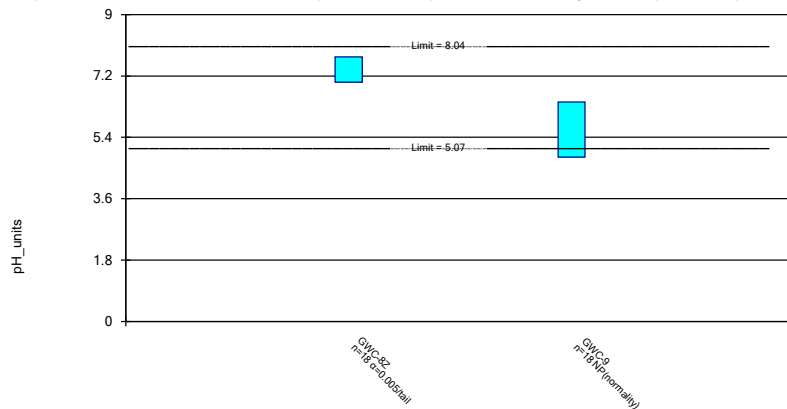
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: pH Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

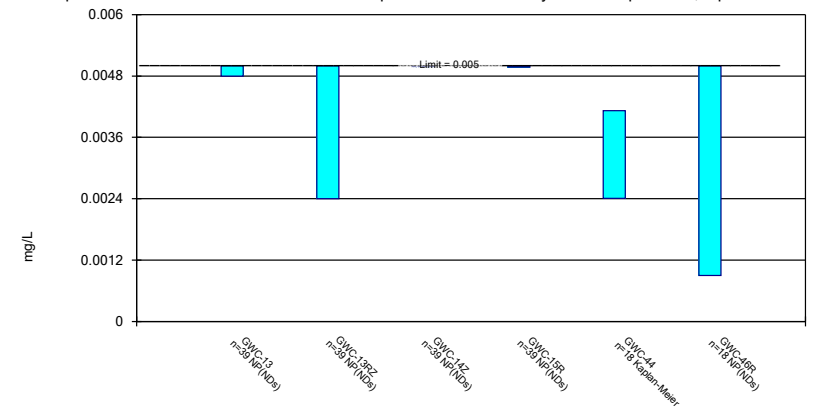
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: pH Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

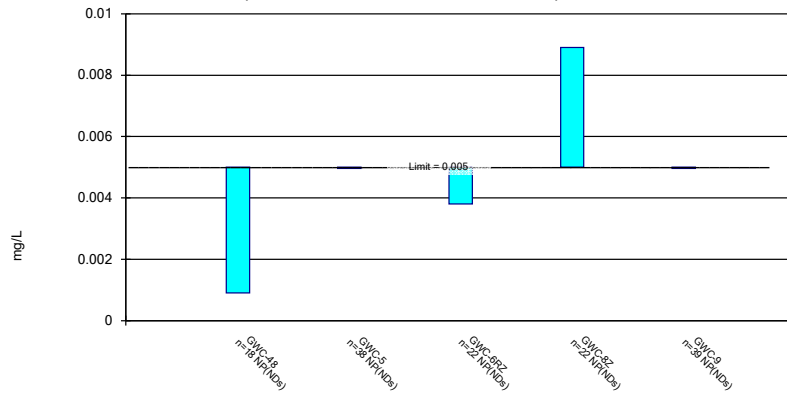
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Selenium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

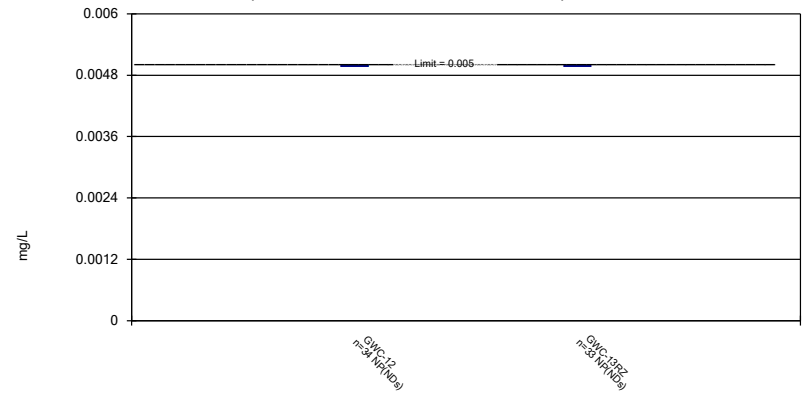
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Selenium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

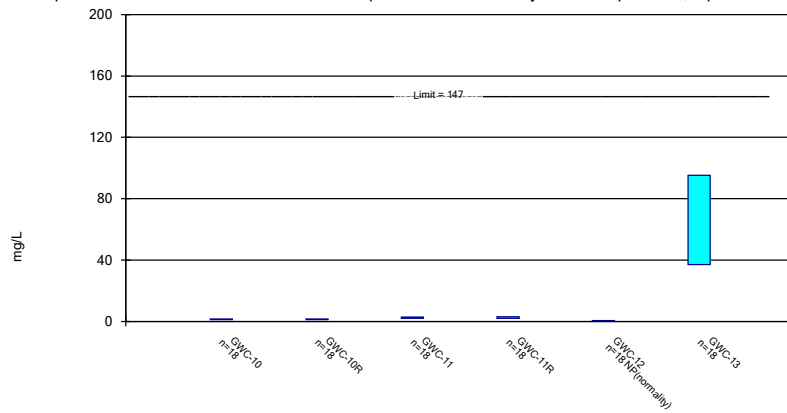
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Silver Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

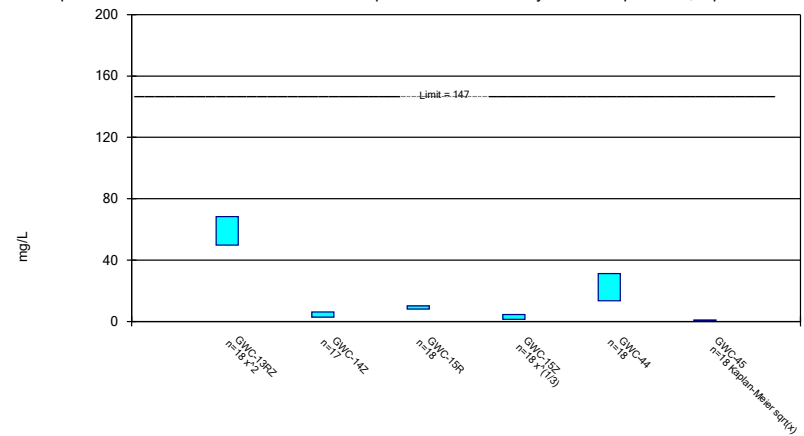
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Sulfate, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

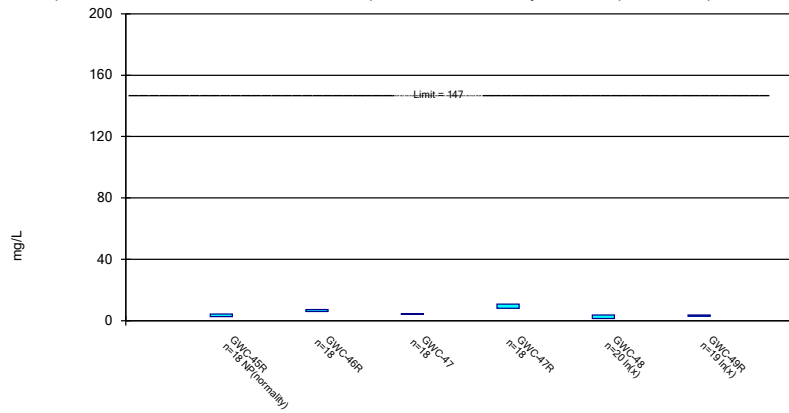
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Sulfate, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

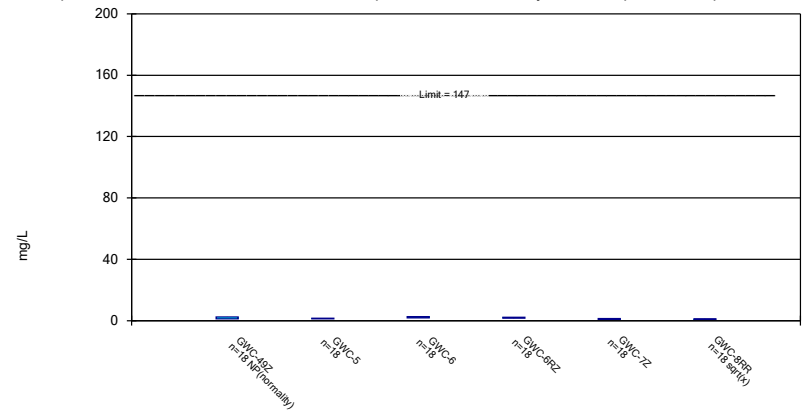
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Sulfate, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

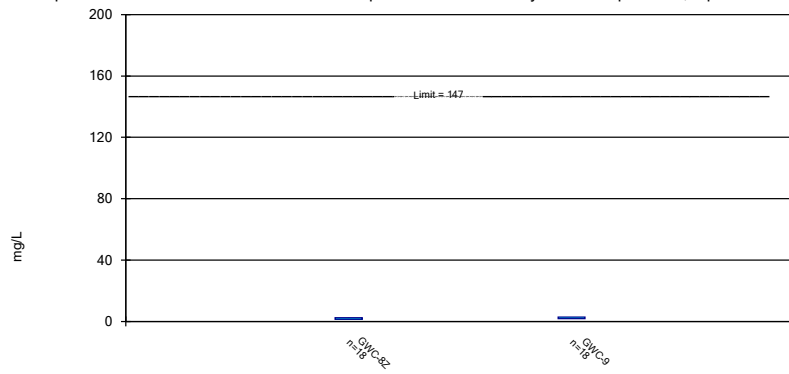
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Sulfate, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

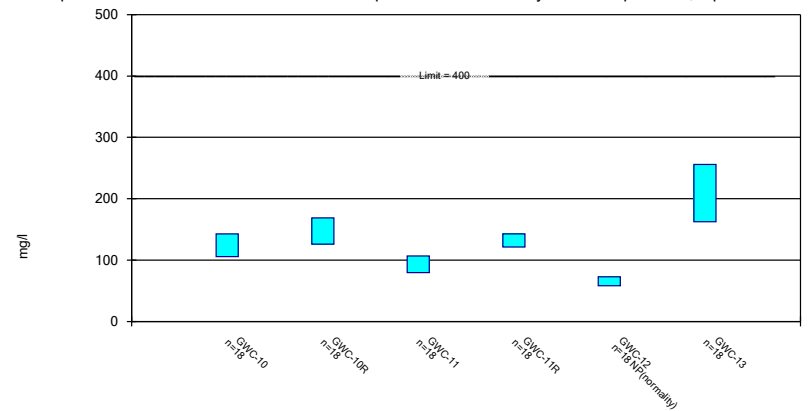
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Sulfate, total Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

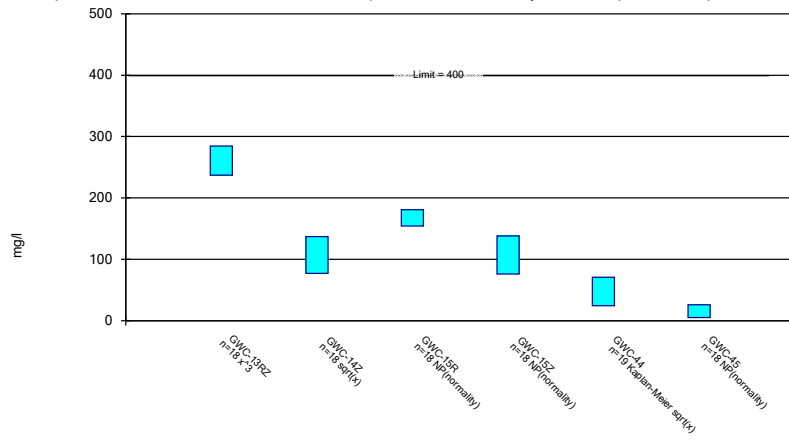
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

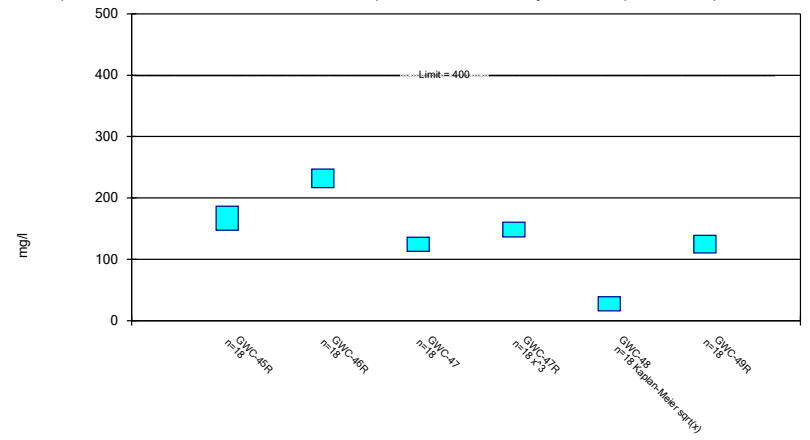
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

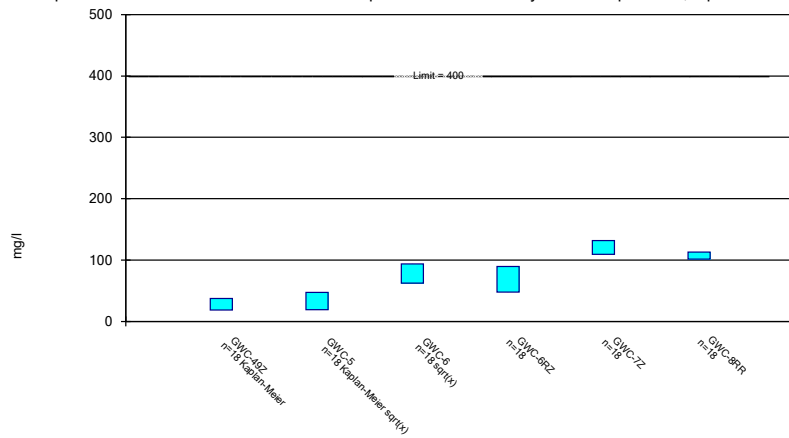
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

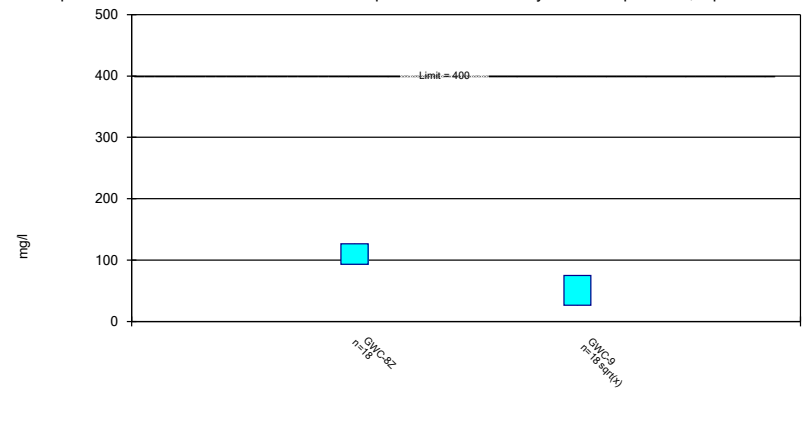
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



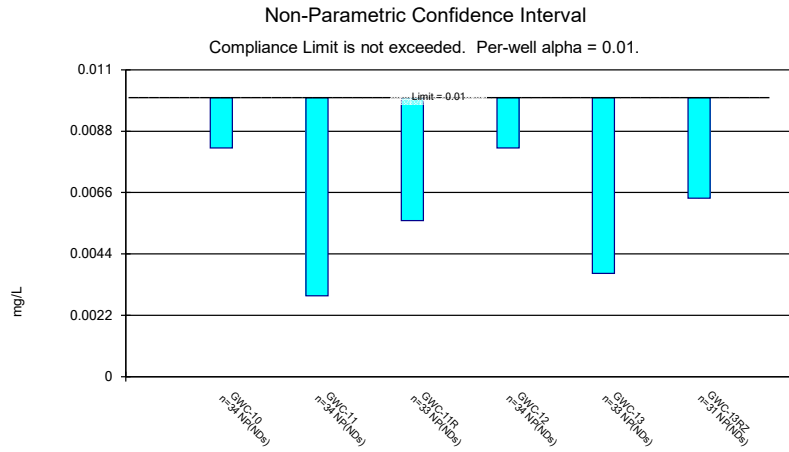
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric Confidence Interval

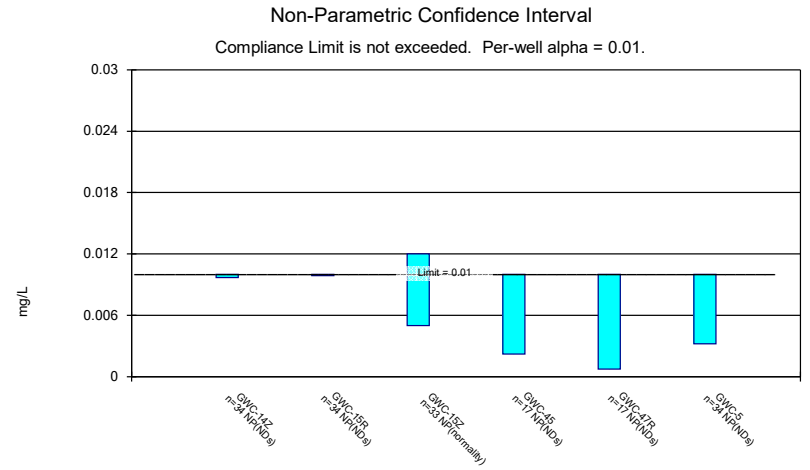
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



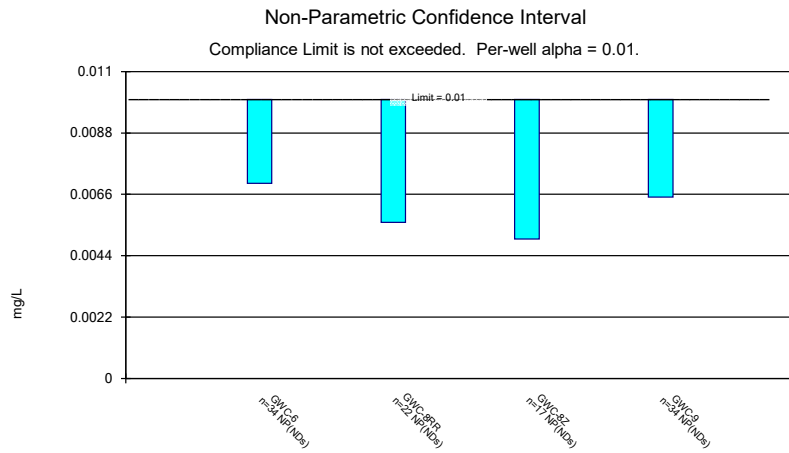
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



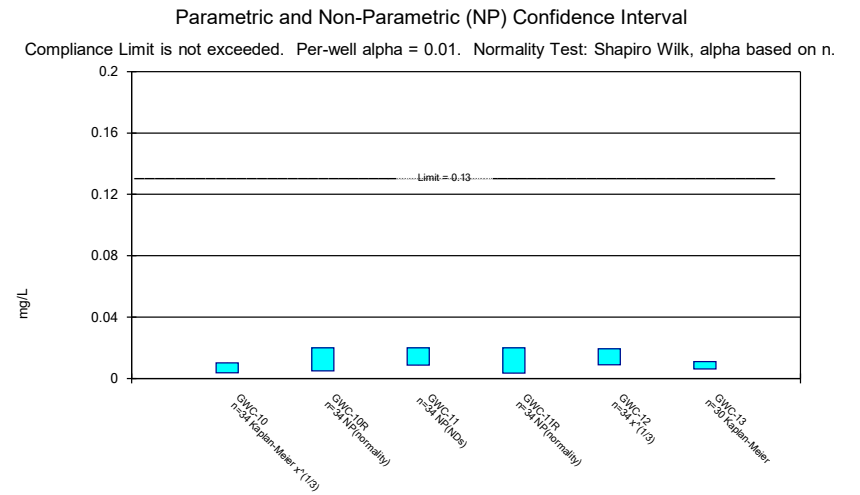
Constituent: Vanadium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Vanadium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



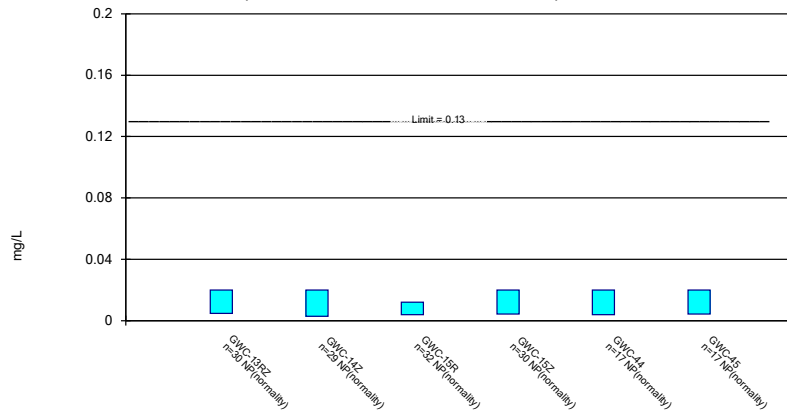
Constituent: Vanadium Analysis Run 4/1/2022 5:23 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Zinc Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Non-Parametric Confidence Interval

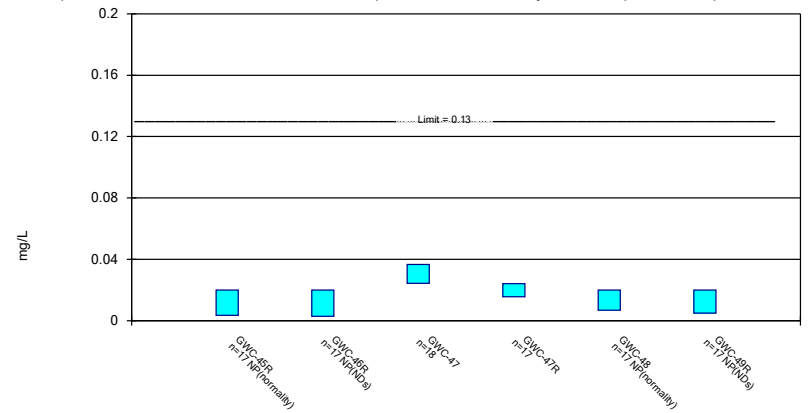
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Zinc Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

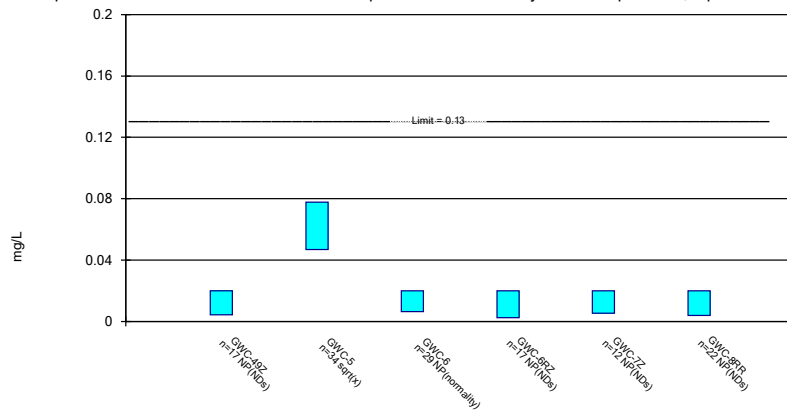
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Zinc Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

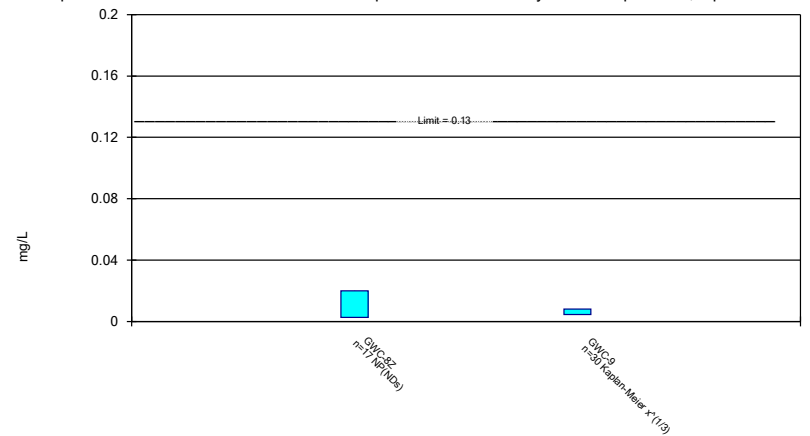
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Zinc Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Zinc Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-14Z
8/21/2007	<0.003	<0.003	<0.003	<0.003	<0.003	
8/24/2007						0.005
11/1/2007	<0.003	<0.003	<0.003	<0.003	<0.003	
11/2/2007						<0.003
11/17/2007						<0.003
11/18/2007		<0.003	<0.003			
11/19/2007				<0.003	<0.003	
11/20/2007	<0.003					
1/15/2008						<0.003
1/30/2008	<0.003	<0.003	<0.003			
1/31/2008				<0.003	<0.003	
3/5/2008		<0.003		<0.003	<0.003	<0.003
3/6/2008	<0.003		<0.003			
5/7/2008		<0.003	<0.003		<0.003	<0.003
5/8/2008	<0.003					
5/12/2008				<0.003		
12/2/2008						<0.003
12/12/2008					<0.003	
12/13/2008				<0.003		
12/14/2008	<0.003	<0.003	<0.003			
4/16/2009						<0.003
4/28/2009				<0.003		
4/29/2009	<0.003	<0.003	<0.003		<0.003	
10/20/2009						<0.003
10/21/2009	<0.003			<0.003	<0.003	
10/22/2009		<0.003	<0.003			
4/20/2010						<0.003
4/21/2010	<0.003	<0.003	<0.003			
4/28/2010				<0.003	<0.003	
9/28/2010	<0.003	<0.003				
9/29/2010			<0.003			<0.003
10/5/2010				<0.003		
10/6/2010					<0.003	
4/12/2011	<0.003	<0.003				<0.003
4/13/2011			<0.003			
4/19/2011				<0.003		
4/20/2011					<0.003	
10/4/2011	<0.003	<0.003	<0.003			<0.003
10/12/2011					<0.003	
10/18/2011				<0.003		
4/3/2012	<0.003	<0.003				
4/4/2012			<0.003			<0.003
4/25/2012				<0.003	<0.003	
10/2/2012				<0.003	<0.003	
10/3/2012		<0.003	<0.003			
10/8/2012	<0.003					
10/10/2012						<0.003
4/2/2013				<0.003	0.007 (O)	
4/3/2013	<0.003	<0.003	<0.003			
4/15/2013						<0.003
10/8/2013				<0.003	0.01 (O)	
10/9/2013		<0.003	<0.003			

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-14Z
10/15/2013	<0.003					
10/22/2013						<0.003
4/1/2014				<0.003	0.011 (O)	
4/2/2014		<0.003	<0.003			
4/9/2014	<0.003					
4/21/2014						<0.003
9/30/2014						<0.003
10/1/2014				<0.003	0.018 (O)	
10/2/2014	<0.003	<0.003	0.0044 (J)			
3/31/2015					0.011 (O)	
4/1/2015		<0.003	0.0087	<0.003		
4/2/2015	<0.003					
4/3/2015						<0.003
10/7/2015						<0.003
10/11/2015		<0.003	0.007			
10/12/2015	<0.003					
10/14/2015					0.0083 (O)	
10/15/2015				<0.003		
3/31/2016	<0.003					
4/4/2016		<0.003	0.00252 (J)	<0.003	0.00447	
4/5/2016						<0.003
5/26/2016	0.000659 (J)	0.000722 (J)	0.00351			
5/31/2016				<0.003		
6/1/2016					0.00377	0.000895 (J)
8/3/2016	<0.003	<0.003				
8/4/2016			<0.003	<0.003		
8/9/2016						0.0017 (JD)
9/28/2016	0.0037 (O)	<0.003	0.0012 (J)			
9/29/2016				<0.003		
11/22/2016	<0.003	<0.003	0.0042			
11/28/2016				<0.003		<0.003
2/7/2017	<0.003					
2/8/2017		<0.003	<0.003			
2/9/2017				<0.003		<0.003
2/22/2017					0.0044	
4/10/2017	<0.003	<0.003	<0.003			
4/11/2017					0.0019 (J)	<0.003
4/12/2017				<0.003		
6/14/2017	<0.003					0.0006 (J)
6/15/2017		<0.003	<0.003			
6/16/2017				<0.003	<0.003	
7/12/2017					0.0018 (J)	<0.003
7/28/2017					0.0011 (J)	
8/10/2017					0.0012 (J)	
10/4/2017	<0.003	<0.003	<0.003			
10/5/2017						<0.003
10/6/2017					0.0013 (J)	
10/9/2017				<0.003		
3/21/2018	<0.003	<0.003		<0.003		
3/22/2018			<0.003			<0.003
3/23/2018					0.0015 (J)	
9/18/2018	<0.003	<0.003	<0.003			

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-14Z
9/19/2018				<0.003		<0.003
9/20/2018					0.0013 (J)	
3/22/2019	<0.003				0.0014 (J)	<0.003
3/23/2019		0.00094 (J)	<0.003	<0.003		
9/17/2019	<0.003	0.00041 (J)	0.0013 (J)			<0.003
9/18/2019				0.0012 (J)	0.00077 (X)	
3/12/2020	<0.003	0.0013 (J)	0.001 (J)			
3/13/2020				0.0023 (J)		0.00053 (J)
3/17/2020					0.0009 (J)	
9/17/2020	<0.003					
9/21/2020		0.00091 (J)	0.0053			<0.003
9/22/2020				<0.003	0.00079 (J)	
3/18/2021	<0.003			0.00078 (J)		<0.003
3/19/2021		0.00032 (J)	0.012		0.0011 (J)	
5/26/2021			0.0037			
8/11/2021	<0.003	<0.003	<0.003	0.0019 (J)		<0.003
8/12/2021					<0.003	
2/4/2022	0.0016 (J)	<0.003	<0.003		<0.003	<0.003
2/17/2022				<0.003		
Mean	0.002902	0.002656	0.003471	0.002851	0.002476	0.002839
Std. Dev.	0.0004372	0.0008268	0.001898	0.0004867	0.001025	0.0007429
Upper Lim.	0.003	0.003	0.00351	0.003	0.003	0.003
Lower Lim.	0.003	0.0013	0.003	0.0023	0.0015	0.0017

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15Z	GWC-45	GWC-45R	GWC-46R	GWC-47
8/23/2007	<0.003					
8/24/2007		<0.003				
11/2/2007	<0.003	<0.003				
11/17/2007	<0.003					
11/18/2007		<0.003				
1/15/2008	<0.003	<0.003				
3/6/2008	<0.003					
3/10/2008		<0.003				
5/7/2008	<0.003					
5/13/2008		<0.003				
12/2/2008	<0.003	<0.003				
4/28/2009	<0.003	<0.003				
10/19/2009	<0.003					
10/20/2009		<0.003				
4/27/2010	<0.003	<0.003				
10/4/2010	<0.003					
10/5/2010		<0.003				
4/18/2011	<0.003					
4/19/2011		<0.003				
10/12/2011	0.0052	<0.003				
4/23/2012	<0.003					
4/25/2012		<0.003				
10/10/2012	<0.003	<0.003				
4/15/2013	<0.003					
4/16/2013		0.0053				
10/22/2013	<0.003	<0.003				
4/21/2014	0.005 (J)	0.005 (J)				
9/30/2014	0.0024 (J)	<0.003				
4/3/2015	0.0072	<0.003				
10/6/2015		0.0025 (J)				
10/7/2015	0.0045 (J)					
3/10/2016					<0.003	<0.003
3/16/2016			<0.003 (D)	0.00426 (D)		
4/5/2016	0.00727	0.053 (O)				
5/16/2016			0.00109 (JD)	0.00267 (JD)		
5/17/2016					<0.003	
5/18/2016						<0.003
5/31/2016	0.00649	0.00088 (J)				
7/25/2016			0.00185 (D)	0.0017 (JD)		
7/26/2016					<0.003	
7/27/2016						0.0006 (J)
8/4/2016	0.0038					
9/19/2016			<0.003 (D)	<0.003 (D)		
9/20/2016					0.001 (J)	<0.003
9/29/2016	0.0106					
11/3/2016				0.0017 (JD)		
11/4/2016			<0.003 (D)		<0.003	
11/7/2016						<0.003
11/23/2016	0.0098	<0.003				
1/20/2017				0.001 (JD)	<0.003	
1/23/2017			<0.003 (D)			<0.003
2/10/2017	0.0014 (J)	<0.003				

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15Z	GWC-45	GWC-45R	GWC-46R	GWC-47
3/28/2017					<0.003	
3/29/2017			0.0018 (JD)	0.001 (JD)		<0.003
4/11/2017		<0.003				
4/12/2017	0.0026 (J)					
6/7/2017			0.0009 (J)	0.0009 (J)	<0.003	
6/8/2017						<0.003
6/15/2017	<0.003	<0.003				
7/12/2017		<0.003				
7/26/2017		<0.003				
9/27/2017			0.0111 (O)	0.0012 (J)		<0.003
9/29/2017					<0.003	
10/6/2017	0.0008 (J)	<0.003				
12/29/2017			0.0012 (Y)			
3/15/2018			0.00086 (J)	<0.003	<0.003	<0.003
3/23/2018	0.001 (J)	0.00089 (J)				
9/13/2018			0.0029 (J)	<0.003	<0.003	<0.003
9/19/2018	0.0011 (J)	<0.003				
3/14/2019			0.0015 (JD)	<0.003 (D)		
3/15/2019						<0.003
3/18/2019					<0.003	
3/22/2019		<0.003				
3/25/2019	<0.003					
9/11/2019			0.014 (O)	<0.003 (D)	<0.003	
9/12/2019						<0.003
9/17/2019	0.0017 (J)	<0.003				
3/9/2020						0.00032 (J)
3/10/2020			0.00087 (J)	<0.003	<0.003	
3/13/2020	0.00056 (J)	<0.003				
9/11/2020			0.0076	0.00043 (J)		
9/14/2020					<0.003	<0.003
9/21/2020	0.0021 (J)	<0.003				
12/15/2020			0.0014 (J)			
3/11/2021			0.00062 (J)	<0.003	<0.003	<0.003
3/18/2021	0.00045 (J)	<0.003				
8/5/2021					<0.003	<0.003
8/6/2021			0.0017 (J)	<0.003		
8/11/2021	<0.003	<0.003				
1/31/2022					<0.003	
2/1/2022			0.002 (J)	<0.003		<0.003
2/4/2022	<0.003					
2/7/2022		<0.003				
Mean	0.003435	0.002989	0.002127	0.002326	0.002889	0.002718
Std. Dev.	0.002218	0.0007068	0.001605	0.001061	0.0004714	0.0008228
Upper Lim.	0.0038	0.003	0.002219	0.003	0.003	0.003
Lower Lim.	0.0026	0.003	0.00102	0.001	0.001	0.0006

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5	GWC-6
8/22/2007						<0.003
8/23/2007					<0.003	
10/25/2007					<0.003	<0.003
11/19/2007					<0.003	
11/20/2007						<0.003
1/23/2008					<0.003	<0.003
3/11/2008					<0.003	<0.003
5/12/2008					<0.003	
5/14/2008						<0.003
12/11/2008					<0.003	<0.003
4/15/2009					<0.003	
4/23/2009						<0.003
10/9/2009					<0.003	<0.003
5/4/2010					<0.003	<0.003
10/11/2010						<0.003
10/12/2010					<0.003	
4/26/2011						<0.003
4/28/2011					<0.003	
10/18/2011						<0.003
10/19/2011					<0.003	
5/2/2012					<0.003	<0.003
10/8/2012						<0.003
10/9/2012					<0.003	
4/10/2013						<0.003
4/11/2013					<0.003	
10/8/2013						<0.003
10/16/2013					<0.003	
4/14/2014						<0.003
4/23/2014					<0.003	
10/3/2014					<0.003	<0.003
3/31/2015					<0.003	
4/1/2015						0.0035 (J)
10/9/2015						<0.003
10/12/2015					<0.003	
3/10/2016	<0.003	<0.003				
3/17/2016			0.003	<0.003		
3/28/2016					0.0284 (O)	
3/29/2016						<0.003
5/17/2016		<0.003				
5/18/2016	0.000987 (J)		<0.003	<0.003		
5/24/2016						<0.003
5/25/2016					0.000686 (J)	
7/27/2016	0.0008 (J)	0.0006 (J)	0.0023 (J)			
7/28/2016				<0.003		
8/1/2016					<0.003	<0.003
9/20/2016	0.0012 (J)	0.0018 (J)				
9/21/2016			0.0013 (J)	<0.003		
9/26/2016						<0.003
9/27/2016					<0.003	
11/4/2016	0.001 (J)	<0.003	<0.003			
11/7/2016				<0.003 (*)		
11/11/2016					<0.003	

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5	GWC-6
11/18/2016						<0.003
1/20/2017	0.0013 (J)					
1/23/2017		<0.003				
1/24/2017			<0.003	0.0024 (J)		
1/31/2017					<0.003	
2/1/2017						<0.003
3/28/2017		<0.003				
3/29/2017	0.0004 (J)		<0.003			
3/30/2017				0.0011 (J)		
4/3/2017					<0.003	
4/6/2017						0.001 (J)
6/8/2017	<0.003 (*)	<0.003 (*)	<0.003 (*)			
6/9/2017				<0.003 (*)		
6/12/2017					<0.003	
6/13/2017						<0.003
9/27/2017	<0.003					
9/29/2017		<0.003	<0.003	0.0009 (J)		
10/3/2017					<0.003	<0.003
3/15/2018		<0.003	<0.003	0.0012 (J)		
3/16/2018	<0.003					
3/19/2018					<0.003	<0.003
9/13/2018	<0.003	<0.003	<0.003			
9/14/2018				0.00083 (J)		
9/17/2018					<0.003	<0.003
3/15/2019		<0.003				
3/18/2019			<0.003			
3/19/2019	<0.003			0.0011 (J)		
3/20/2019					<0.003	
3/21/2019						<0.003
9/11/2019	0.00099 (J)	<0.003 (D)	0.0032	0.00065 (J)		
9/16/2019					<0.003	<0.003
3/9/2020	0.00056 (J)	<0.003		0.0018 (J)		
3/11/2020			0.0012 (J)			
3/12/2020						0.00052 (J)
3/16/2020					0.00031 (J)	
9/11/2020			0.0011 (J)			
9/14/2020		<0.003		0.0017 (J)		
9/15/2020	0.00053 (J)					
9/16/2020					<0.003	<0.003
3/11/2021	0.00038 (J)	<0.003				
3/15/2021			0.0019 (J)	0.00086 (J)		
3/17/2021					<0.003	<0.003
8/4/2021		<0.003				
8/5/2021	0.00082 (J)			0.0024 (J)		
8/9/2021					<0.003	
8/10/2021						<0.003
8/11/2021			0.0033			
1/31/2022		<0.003				
2/1/2022	0.0024 (J)		<0.003	0.00097 (J)		
2/2/2022					<0.003	<0.003
Mean	0.001632	0.0028	0.002628	0.001884	0.002868	0.002898
Std. Dev.	0.001089	0.0006174	0.0007307	0.0009465	0.0005679	0.0005128

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5	GWC-6
Upper Lim.	0.003	0.003	0.0032	0.003	0.003	0.003
Lower Lim.	0.00056	0.0018	0.0019	0.0009	0.003	0.003

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-9
8/23/2007				<0.003
11/1/2007				<0.003
11/19/2007				<0.003
1/15/2008				<0.003
3/6/2008				<0.003
5/13/2008				<0.003
12/12/2008				<0.003
4/16/2009				<0.003
10/13/2009				<0.003
4/21/2010				<0.003
9/29/2010				<0.003
4/13/2011				<0.003
10/5/2011				<0.003
10/18/2011			<0.003	
4/4/2012				<0.003
4/30/2012			<0.003	
10/3/2012			<0.003	
10/8/2012				<0.003
4/8/2013			<0.003	<0.003
10/9/2013			<0.003	<0.003
4/9/2014				<0.003
4/10/2014			<0.003	
9/30/2014				<0.003
10/2/2014			0.0025 (J)	
4/2/2015				<0.003
4/3/2015			<0.003	
5/26/2015	<0.003			
6/18/2015	<0.003 (D)			
7/2/2015	<0.003			
10/8/2015			<0.003	
10/9/2015	<0.003			
10/10/2015				<0.003 (D)
3/29/2016	0.0364 (O)			
3/30/2016			<0.003	<0.003
5/24/2016	<0.003		<0.003	
5/26/2016				<0.003
5/31/2016		<0.003		
8/1/2016	<0.003			
8/2/2016		<0.003	<0.003	
8/5/2016				<0.003
9/26/2016	<0.003			
9/27/2016		<0.003	<0.003	
9/28/2016				<0.003
11/14/2016	<0.003			
11/21/2016		<0.003		<0.003
11/22/2016			<0.003	
2/1/2017	<0.003	<0.003		
2/6/2017			0.0015 (J)	<0.003
4/6/2017	0.0006 (J)	<0.003	0.0007 (J)	<0.003
6/13/2017	<0.003	<0.003		<0.003
6/14/2017			<0.003	
7/14/2017		0.0008 (J)		

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-9
10/3/2017	<0.003	<0.003		<0.003
10/4/2017			<0.003	
3/20/2018	<0.003	<0.003		0.001 (J)
3/21/2018			<0.003	
9/17/2018	0.0023 (J)			
9/18/2018		<0.003	<0.003	<0.003 (D)
3/21/2019	<0.003	<0.003		<0.003
3/27/2019			<0.003	
9/13/2019		0.002 (J)		
9/16/2019	<0.003		<0.003 (D)	<0.003
3/12/2020	0.0011 (J)	0.00066 (J)	0.00043 (J)	<0.003
9/16/2020	<0.003	0.0012 (J)		
9/17/2020			0.00082 (J)	<0.003
3/17/2021	<0.003	0.00099 (J)	<0.003	
3/18/2021				<0.003
8/10/2021	0.0028 (J)	0.0017 (J)	0.0015 (J)	<0.003
2/2/2022	<0.003	0.00093 (J)	0.0015 (J)	<0.003
Mean	0.002752	0.002293	0.002554	0.002949
Std. Dev.	0.0006562	0.0009574	0.0008383	0.0003203
Upper Lim.	0.003	0.003	0.003	0.003
Lower Lim.	0.0028	0.00099	0.0025	0.003

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/18/2007			<0.005	<0.005		
11/19/2007					<0.005	<0.005
11/20/2007	0.0079	<0.005				
1/16/2008					0.0086	
1/30/2008	<0.005	<0.005	<0.005	<0.005		
1/31/2008						<0.005
3/5/2008			<0.005		<0.005	<0.005
3/6/2008	<0.005	<0.005		<0.005		
5/7/2008			<0.005	<0.005		
5/8/2008		<0.005				
5/12/2008	<0.005					<0.005
5/13/2008					<0.005	
12/13/2008	0.015 (O)				0.012	0.0096
12/14/2008		<0.005	<0.005	<0.005		
4/16/2009					0.008	
4/28/2009						<0.005
4/29/2009	<0.005	<0.005	<0.005	0.0057		
10/20/2009	<0.005					
10/21/2009		<0.005			0.0081	<0.005
10/22/2009			<0.005	<0.005		
4/21/2010		<0.005	<0.005	<0.005		
4/26/2010	<0.005					
4/28/2010						<0.005
9/28/2010		<0.005	<0.005			
9/29/2010	<0.005			<0.005		
10/5/2010					0.0067	<0.005
4/12/2011		<0.005	<0.005			
4/13/2011	<0.005			<0.005		
4/19/2011					<0.005	<0.005
10/4/2011		<0.005	<0.005	<0.005		
10/5/2011	<0.005					
10/12/2011					<0.005	
10/18/2011						<0.005
4/3/2012		<0.005	<0.005			
4/4/2012	<0.005			<0.005		
4/24/2012					0.0086	
4/25/2012						<0.005
10/2/2012					<0.005	<0.005
10/3/2012	<0.005		<0.005	<0.005		
10/8/2012		<0.005				
4/2/2013					<0.005	<0.005
4/3/2013	<0.005	<0.005	<0.005	<0.005		
10/8/2013						<0.005
10/9/2013			<0.005	0.006	0.0094	
10/15/2013	<0.005	<0.005				
4/1/2014					0.0097	<0.005
4/2/2014			<0.005	0.005 (J)		
4/9/2014	<0.005	<0.005				
10/1/2014						0.0022 (J)
10/2/2014	<0.005	<0.005	<0.005	0.0036 (J)	0.0055	

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/1/2015			<0.005	0.0077	0.011	<0.005
4/2/2015	<0.005	<0.005				
10/10/2015	<0.005					
10/11/2015			<0.005	0.0071		
10/12/2015		<0.005				
10/14/2015					0.007	
10/15/2015						<0.005
3/31/2016	<0.005	<0.005				
4/4/2016			<0.005	0.00315 (J)	0.00645	0.00124 (J)
5/26/2016	<0.005	<0.005	<0.005	0.00313 (J)		
5/27/2016					0.00692	
5/31/2016						<0.005
8/3/2016		<0.005	<0.005		0.0068	
8/4/2016				0.0032 (J)		<0.005
8/5/2016	<0.005					
9/28/2016	<0.005	<0.005	<0.005	0.0029 (J)		
9/29/2016						<0.005
9/30/2016					0.0065	
11/22/2016	<0.005	<0.005	<0.005	0.0048 (J)	0.0066	
11/28/2016						<0.005
2/7/2017	<0.005	<0.005				
2/8/2017			<0.005	0.0022 (J)		
2/9/2017						<0.005
2/13/2017					0.0092	
4/10/2017	<0.005	<0.005	<0.005	0.002 (J)		
4/11/2017					0.0051	
4/12/2017						0.001 (J)
6/14/2017	<0.005	<0.005			0.0056	
6/15/2017			<0.005	0.0014 (J)		
6/16/2017						0.0007 (J)
10/4/2017	0.0006 (J)	<0.005	<0.005	0.002 (J)	0.0068	
10/9/2017						0.0006 (J)
3/20/2018	0.00079 (J)					
3/21/2018		<0.005	0.00058 (J)			0.0013 (J)
3/22/2018				0.0022 (J)	0.0055	
9/18/2018	<0.005	<0.005	<0.005	<0.005	0.0064	
9/19/2018						<0.005
3/22/2019	<0.005	<0.005				
3/23/2019			<0.005	0.0016 (J)	0.0055	0.00067 (J)
9/17/2019	<0.005	<0.005	<0.005	0.0016 (J)	0.00465 (JD)	
9/18/2019						0.00052 (J)
3/12/2020	<0.005	<0.005	<0.005	0.0012 (J)	0.0053	
3/13/2020						0.00096 (J)
9/17/2020	<0.005	<0.005				
9/21/2020			<0.005	0.0012 (J)	0.0065	
9/22/2020						0.00098 (J)
3/18/2021	<0.005	<0.005				<0.005
3/19/2021			<0.005	0.0013 (J)	0.0052	
8/10/2021	<0.005					
8/11/2021		<0.005	<0.005	0.0017 (J)	0.0042 (J)	<0.005
2/2/2022					0.0027 (J)	
2/4/2022	0.0023 (J)	0.0019 (J)	0.0023 (J)	0.0035 (J)		

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
2/17/2022						<0.005
Mean	0.004779	0.004921	0.004817	0.003953	0.006461	0.004097
Std. Dev.	0.001173	0.0004964	0.0008196	0.001721	0.001966	0.001988
Upper Lim.	0.005	0.005	0.005	0.005	0.006611	0.005
Lower Lim.	0.005	0.005	0.005	0.0029	0.00486	0.0022

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45R
8/21/2007	<0.005					
8/23/2007			<0.005			
8/24/2007		<0.005		<0.005		
11/1/2007	<0.005					
11/2/2007		<0.005	<0.005	<0.005		
11/17/2007		<0.005	<0.005			
11/18/2007				<0.005		
11/19/2007	<0.005					
1/15/2008		<0.005	<0.005	0.0077		
1/31/2008	<0.005					
3/5/2008	<0.005	0.0079				
3/6/2008			<0.005			
3/10/2008				<0.005		
5/7/2008	<0.005	<0.005	<0.005			
5/13/2008				<0.005		
12/2/2008		0.014 (O)	<0.005	0.0061		
12/12/2008	0.02 (O)					
4/16/2009		0.0069				
4/28/2009			<0.005	<0.005		
4/29/2009	0.0066					
10/19/2009			<0.005			
10/20/2009		0.0054		<0.005		
10/21/2009	<0.005					
4/20/2010		<0.005				
4/27/2010			<0.005	<0.005		
4/28/2010	0.016 (O)					
9/29/2010		<0.005				
10/4/2010			<0.005			
10/5/2010				<0.005		
10/6/2010	<0.005					
4/12/2011		<0.005				
4/18/2011			<0.005			
4/19/2011				<0.005		
4/20/2011	<0.005					
10/4/2011		<0.005				
10/12/2011	<0.005		<0.005	<0.005		
4/4/2012		<0.005				
4/23/2012			<0.005			
4/25/2012	<0.005			<0.005		
10/2/2012	<0.005					
10/10/2012		<0.005	<0.005	<0.005		
4/2/2013	<0.005					
4/15/2013		<0.005	<0.005			
4/16/2013				<0.005		
10/8/2013	<0.005					
10/22/2013		<0.005	<0.005	<0.005		
4/1/2014	<0.005					
4/21/2014		<0.005	<0.005	0.005 (J)		
9/30/2014		<0.005	<0.005	0.0025 (J)		
10/1/2014	0.0021 (J)					
3/31/2015	<0.005					
4/3/2015		<0.005	<0.005	<0.005		

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45R
10/6/2015				<0.005		
10/7/2015		<0.005	<0.005			
10/14/2015	<0.005					
3/16/2016					0.0657 (O)	<0.005 (D)
4/4/2016	0.00144 (JD)					
4/5/2016		<0.005	<0.005	0.00105 (J)		
5/16/2016					<0.005	<0.005
5/31/2016			<0.005	0.00261 (J)		
6/1/2016	0.0011 (JD)	<0.005				
7/25/2016					<0.005	<0.005
8/4/2016			<0.005			
8/9/2016		<0.005				
9/19/2016					<0.005	<0.005
9/29/2016			<0.005			
11/3/2016					<0.005	<0.005
11/23/2016			<0.005	<0.005		
11/28/2016		<0.005				
1/19/2017					<0.005	
1/20/2017						<0.005
2/9/2017		<0.005				
2/10/2017			<0.005	<0.005		
2/22/2017	<0.005					
3/28/2017					0.0009 (J)	
3/29/2017						<0.005 (D)
4/11/2017	0.0011 (JD)	<0.005		0.0007 (J)		
4/12/2017			0.0005 (J)			
6/5/2017					0.0033 (J)	
6/7/2017						<0.005 (*)
6/14/2017		<0.005				
6/15/2017			<0.005	<0.005		
6/16/2017	0.0043 (JD)					
7/12/2017	0.0013 (JD)	<0.005		<0.005		
7/26/2017				<0.005		
7/28/2017	0.0013 (J)					
8/10/2017	0.0011 (J)					
9/26/2017					0.0008 (J)	
9/27/2017						0.0006 (J)
10/5/2017		<0.005				
10/6/2017	0.0013 (JD)		0.0008 (J)	0.0009 (J)		
3/15/2018					<0.005	<0.005
3/22/2018		0.00096 (J)				
3/23/2018	<0.005		<0.005	<0.005		
9/12/2018					<0.005	
9/13/2018						<0.005
9/19/2018		<0.005	<0.005	<0.005		
9/20/2018	<0.005					
3/14/2019					<0.005	<0.005 (D)
3/22/2019	0.00097 (J)	<0.005		<0.005		
3/25/2019			<0.005			
9/11/2019					<0.005	<0.005 (D)
9/17/2019		<0.005	<0.005	<0.005		
9/18/2019	0.00045 (X)					

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45R
3/10/2020					0.0013 (J)	<0.005
3/13/2020		<0.005	0.00047 (J)	0.00052 (J)		
3/17/2020	0.00067 (J)					
9/11/2020						<0.005
9/15/2020					<0.005	
9/21/2020		<0.005	<0.005	<0.005		
9/22/2020	0.00086 (J)					
3/11/2021					<0.005	<0.005
3/18/2021		<0.005	<0.005	<0.005		
3/19/2021	0.00084 (J)					
8/4/2021					<0.005	
8/6/2021						<0.005
8/11/2021		<0.005	<0.005	<0.005		
8/12/2021	<0.005					
1/31/2022					<0.005	
2/1/2022						<0.005
2/4/2022	0.0035 (J)	0.0019 (J)	0.0026 (J)			
2/7/2022				0.0025 (J)		
Mean	0.00362	0.004949	0.004599	0.004476	0.004194	0.004756
Std. Dev.	0.00192	0.001014	0.001234	0.001513	0.001581	0.001037
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00144	0.005	0.0026	0.00261	0.0033	0.0006

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-49R	GWC-5	GWC-6
8/22/2007						<0.005
8/23/2007					<0.005	
10/25/2007					<0.005	<0.005
11/19/2007					<0.005	
11/20/2007						<0.005
1/23/2008					<0.005	<0.005
3/11/2008					<0.005	<0.005
5/12/2008					<0.005	
5/14/2008						<0.005
12/11/2008					<0.005	<0.005
4/15/2009					<0.005	
4/23/2009						<0.005
10/9/2009					<0.005	<0.005
5/4/2010					<0.005	0.014 (O)
10/11/2010						<0.005
10/12/2010					<0.005	
4/26/2011						<0.005
4/28/2011					<0.005	
10/18/2011						<0.005
10/19/2011					<0.005	
5/2/2012					<0.005	<0.005
10/8/2012						<0.005
10/9/2012					<0.005	
4/10/2013						<0.005
4/11/2013					<0.005	
10/8/2013						<0.005
10/16/2013					<0.005	
4/14/2014						<0.005
4/23/2014					<0.005	
10/3/2014					<0.005	<0.005
3/31/2015					<0.005	
4/1/2015						<0.005
10/9/2015						<0.005
10/12/2015					<0.005	
3/10/2016	<0.005	<0.005	0.0551 (O)			
3/17/2016				<0.005		
3/28/2016					<0.005	
3/29/2016						<0.005
5/17/2016	<0.005					
5/18/2016		<0.005	0.00127 (J)	<0.005		
5/24/2016						<0.005
5/25/2016					<0.005	
7/26/2016	<0.005					
7/27/2016		<0.005	0.0012 (J)	<0.005		
8/1/2016					<0.005	<0.005
9/20/2016	<0.005	<0.005	<0.005			
9/21/2016				<0.005		
9/26/2016						<0.005
9/27/2016					<0.005	
11/4/2016	<0.005		<0.005	<0.005		
11/7/2016		<0.005				
11/11/2016					<0.005	

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-49R	GWC-5	GWC-6
11/18/2016						<0.005
1/20/2017	<0.005		<0.005			
1/23/2017		<0.005				
1/24/2017				<0.005		
1/31/2017					<0.005	
2/1/2017						<0.005
3/28/2017	0.0004 (J)					
3/29/2017		<0.005	<0.005	<0.005		
4/3/2017					<0.005	
4/6/2017						0.0006 (J)
6/7/2017	<0.005 (*)					
6/8/2017		0.0006 (J)	0.001 (J)	<0.005		
6/12/2017					0.0006 (J)	
6/13/2017						<0.005
9/27/2017		<0.005	0.0009 (J)			
9/29/2017	<0.005			<0.005		
10/3/2017					<0.005	<0.005
3/15/2018	<0.005	<0.005		<0.005		
3/16/2018			<0.005			
3/19/2018					<0.005	0.00089 (J)
9/13/2018	<0.005	<0.005	0.00091 (J)	<0.005		
9/17/2018					<0.005	<0.005
3/15/2019		<0.005				
3/18/2019	<0.005			<0.005		
3/19/2019			<0.005			
3/20/2019					<0.005	
3/21/2019						<0.005
9/11/2019	<0.005		0.00067 (J)	<0.005		
9/12/2019		<0.005				
9/16/2019					<0.005	0.00071 (J)
3/9/2020		<0.005	0.00051 (J)			
3/10/2020	<0.005					
3/11/2020				0.00041 (J)		
3/12/2020						0.00055 (J)
3/16/2020					<0.005	
9/11/2020				<0.005		
9/14/2020	<0.005	<0.005				
9/15/2020			<0.005			
9/16/2020					<0.005	<0.005
3/11/2021	<0.005	<0.005	<0.005			
3/15/2021				<0.005		
3/17/2021					<0.005	0.0013 (J)
8/5/2021	<0.005	<0.005	0.0012 (J)			
8/9/2021					<0.005	
8/10/2021						0.0016 (J)
8/11/2021				<0.005		
1/31/2022	<0.005					
2/1/2022		<0.005	<0.005	<0.005		
2/2/2022					<0.005	<0.005
Mean	0.004744	0.004756	0.003098	0.004745	0.004887	0.004359
Std. Dev.	0.001084	0.001037	0.002087	0.001082	0.0007046	0.001508
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-49R	GWC-5	GWC-6
Lower Lim.	0.0004	0.0006	0.00091	0.00041	0.005	0.0016

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/23/2007					<0.005
11/1/2007					<0.005
11/19/2007					<0.005
1/15/2008					0.0086
3/6/2008					<0.005
5/13/2008					<0.005
12/12/2008					0.0065
4/16/2009					<0.005
10/13/2009					<0.005
4/21/2010					<0.005
9/29/2010					<0.005
4/13/2011					<0.005
10/5/2011					<0.005
10/18/2011			<0.005		
4/4/2012					<0.005
4/30/2012			<0.005		
10/3/2012			<0.005		
10/8/2012					<0.005
4/8/2013			<0.005		<0.005
10/9/2013			<0.005		<0.005
4/9/2014					<0.005
4/10/2014			<0.005		
9/30/2014					<0.005
10/2/2014			<0.005		
4/2/2015					<0.005
4/3/2015			<0.005		
5/26/2015	<0.005			<0.005	
6/18/2015	<0.005 (D)			<0.005 (D)	
7/2/2015	<0.005			<0.005	
10/8/2015			0.0029 (J)	<0.005	
10/9/2015	<0.005				
10/10/2015					<0.005 (D)
3/22/2016				<0.005	
3/29/2016	<0.005				
3/30/2016			<0.005		0.0241 (O)
5/24/2016	<0.005		<0.005		
5/25/2016				<0.005	
5/26/2016					<0.005
5/31/2016		<0.005			
8/1/2016	<0.005				
8/2/2016		0.0031 (J)	<0.005	<0.005	
8/5/2016					<0.005
9/26/2016	<0.005			<0.005	
9/27/2016		0.0028 (J)	<0.005		
9/28/2016					<0.005
11/14/2016	<0.005				
11/21/2016		0.0031 (J)		<0.005	<0.005
11/22/2016			<0.005		
2/1/2017	<0.005	0.0031 (J)			
2/3/2017				<0.005	
2/6/2017			<0.005		<0.005
4/6/2017	<0.005	0.003 (J)	<0.005		<0.005

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
4/7/2017				<0.005	
6/13/2017	<0.005	0.0024 (J)		<0.005	<0.005
6/14/2017			<0.005		
7/14/2017		0.0029 (J)			
10/3/2017	<0.005	0.0018 (J)		<0.005	<0.005
10/4/2017			<0.005		
3/20/2018	<0.005	0.0024 (J)		0.0006 (J)	<0.005
3/21/2018			0.00077 (J)		
9/17/2018	<0.005				
9/18/2018		<0.005	<0.005	<0.005	<0.005 (D)
3/21/2019	<0.005	0.00077 (J)			<0.005
3/27/2019			<0.005		
5/6/2019				0.00063 (J)	
9/13/2019		0.0017 (J)			
9/16/2019	0.00038 (J)		0.0004 (JD)	0.00043 (J)	0.00044 (J)
3/12/2020	<0.005	0.00044 (J)	0.00039 (J)		<0.005
3/16/2020				<0.005	
9/16/2020	<0.005	<0.005			
9/17/2020			<0.005	<0.005	<0.005
3/17/2021	<0.005	<0.005	<0.005		
3/18/2021				0.00082 (J)	<0.005
8/10/2021	<0.005	0.0013 (J)	<0.005	<0.005	<0.005
2/2/2022	0.0012 (J)	0.002 (J)	0.0013 (J)	0.0011 (J)	0.0013 (J)
Mean	0.004617	0.002823	0.004287	0.004026	0.004917
Std. Dev.	0.001245	0.00143	0.001577	0.001841	0.001156
Upper Lim.	0.005	0.002473	0.005	0.005	0.005
Lower Lim.	0.0012	0.001422	0.0029	0.0011	0.005

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007	0.021	0.027	0.034	0.01	0.023	0.065
11/1/2007	0.017	0.024	0.036	0.012	0.034	0.019
11/18/2007			0.036	0.011		
11/19/2007					0.043	0.015
11/20/2007	0.1 (O)	0.022				
1/16/2008					0.13 (O)	
1/30/2008	0.035	0.033 (J)	0.031 (J)	0.013		
1/31/2008						0.022
3/5/2008			0.018		0.07	0.012
3/6/2008	0.042	0.019		0.017		
5/7/2008			0.015	0.0066		
5/8/2008		0.017				
5/12/2008	0.0087					0.014
5/13/2008					0.039	
12/13/2008	0.12 (O)				0.13 (O)	0.11 (O)
12/14/2008		0.02	0.12 (O)	0.013		
4/16/2009					0.13 (O)	
4/28/2009						0.12 (O)
4/29/2009	0.11 (O)	0.017	0.0079	0.0098		
10/20/2009	0.016					
10/21/2009		0.021			0.033	0.023
10/22/2009			0.007	0.013		
4/21/2010		0.019	0.0074	0.0069		
4/26/2010	0.016					
4/27/2010					0.11 (O)	
4/28/2010						0.019
9/28/2010		0.018	0.0068			
9/29/2010	0.016			0.0049		
10/5/2010					0.027	0.018
4/12/2011		0.017	0.0089			
4/13/2011	0.012			0.0074		
4/19/2011					0.025	0.019
10/4/2011		0.022	0.012	0.0062		
10/5/2011	0.014					
10/12/2011					0.025	
10/18/2011						0.025
4/3/2012		0.0212	0.0169			
4/4/2012	0.017			0.0091		
4/24/2012					0.027	
4/25/2012						0.024
10/2/2012					0.013	0.019
10/3/2012	0.015		0.03	0.0089		
10/8/2012		0.019				
4/2/2013					0.031	0.021
4/3/2013	0.018	0.021	0.008	0.012		
10/8/2013						0.027
10/9/2013			0.0093	0.0079	0.025	
10/15/2013	0.018	0.022				
4/1/2014					0.023	0.023
4/2/2014			0.031	0.0086		
4/9/2014	0.019	0.02				
10/1/2014						0.014

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/2/2014	0.016	0.023	0.035	0.01	0.025	
4/1/2015			0.013	0.019	0.025	0.027
4/2/2015	0.017	0.022				
10/10/2015	0.014					
10/11/2015			0.0079	0.014		
10/12/2015		0.028				
10/14/2015					0.027	
10/15/2015						0.033
3/31/2016	0.0179	0.0273				
4/4/2016			0.0119	0.0176	0.0285	0.027
5/26/2016	0.0186	0.0305	0.0127	0.0195		
5/27/2016					0.0257	
5/31/2016						0.0283
8/3/2016		0.0284	0.0121		0.0237	
8/4/2016				0.0151		0.0358
8/5/2016	0.0138					
9/28/2016	0.0153	0.036	0.0112	0.0132		
9/29/2016						0.0437
9/30/2016					0.0279	
11/22/2016	0.0184 (J)	0.0341 (J)	0.0155 (J)	0.0186 (J)	0.0286 (J)	
11/28/2016						0.0419 (J)
2/7/2017	0.0215	0.0309				
2/8/2017			0.0115	0.015		
2/9/2017						0.0472
2/13/2017					0.0313	
4/10/2017	0.0247	0.0235	<0.01	0.0172		
4/11/2017					0.0254	
4/12/2017						0.0383
6/14/2017	0.0227	0.0258			0.0241	
6/15/2017			0.0112	0.0167		
6/16/2017						0.0457
10/4/2017	0.0172	0.0234	0.0093 (J)	0.0156	0.0256	
10/9/2017						0.0406
3/20/2018	0.021					
3/21/2018		0.022	0.012			0.032
3/22/2018				0.017	0.024	
9/18/2018	0.02	0.03	0.011	0.017	0.025	
9/19/2018						0.034
3/22/2019	0.024	0.022				
3/23/2019			0.0081 (J)	0.019	0.024	0.023
9/17/2019	0.016	0.03	0.011	0.018	0.0245 (D)	
9/18/2019						0.033
3/12/2020	0.026	0.028	0.0086 (J)	0.021	0.023	
3/13/2020						0.023
9/17/2020	0.013	0.022				
9/21/2020			0.0093 (J)	0.016	0.023	
9/22/2020						0.027
3/18/2021	0.025	0.027				0.023
3/19/2021			0.011	0.021	0.024	
8/10/2021	0.023					
8/11/2021		0.027	0.0086	0.021	0.025	0.025
2/2/2022					0.023	

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
2/4/2022	0.022	0.028	0.01	0.021		
2/17/2022						0.02
Mean	0.01922	0.02431	0.01477	0.01384	0.02775	0.02777
Std. Dev.	0.006191	0.004971	0.009377	0.004751	0.00894	0.01114
Upper Lim.	0.02118	0.02624	0.013	0.01569	0.0279	0.0311
Lower Lim.	0.01656	0.02238	0.0089	0.01199	0.0241	0.0228

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
8/21/2007	0.0095					
8/23/2007			0.015			
8/24/2007		0.0089		0.017		
11/1/2007	0.02					
11/2/2007		0.0091	0.024	0.011		
11/17/2007		0.021	0.027			
11/18/2007				0.012 (J)		
11/19/2007	0.023					
1/15/2008		0.013	0.022	0.088 (O)		
1/31/2008	0.028					
3/5/2008	0.022	0.11 (O)				
3/6/2008			0.021			
3/10/2008				0.0077		
5/7/2008	0.019	0.01	0.023			
5/13/2008				0.0055		
12/2/2008		0.12 (O)	0.024	0.0097		
12/12/2008	0.19 (O)					
4/16/2009		0.13 (O)				
4/28/2009			0.031	0.0042		
4/29/2009	0.14 (O)					
10/19/2009			0.027			
10/20/2009		0.05		0.0056		
10/21/2009	0.034					
4/20/2010		0.019				
4/27/2010			0.051 (O)	0.0039		
4/28/2010	0.11 (O)					
9/29/2010		0.017				
10/4/2010			0.028			
10/5/2010				0.0047		
10/6/2010	0.018					
4/12/2011		0.014				
4/18/2011			0.026			
4/19/2011				0.0071		
4/20/2011	0.015					
10/4/2011		0.017				
10/12/2011	0.019		0.026	0.0098		
4/4/2012		0.0182				
4/23/2012			0.0224			
4/25/2012	0.0158			0.0088		
10/2/2012	0.036					
10/10/2012		0.048	0.024	0.0093		
4/2/2013	0.039					
4/15/2013		0.03	0.029			
4/16/2013				0.0098		
10/8/2013	0.016					
10/22/2013		0.033	0.022	0.0097		
4/1/2014	0.017					
4/21/2014		0.033	0.025	0.008		
9/30/2014		0.027	0.022	0.0074		
10/1/2014	0.018					
3/31/2015	0.021					
4/3/2015		0.13 (O)	0.022	0.0076		

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
10/6/2015				0.0088		
10/7/2015		0.047	0.023			
10/14/2015	0.013					
3/16/2016					<3 (O)	0.317695 (OD)
4/4/2016	0.0222					
4/5/2016		0.0279	0.0308	0.00153 (J)		
5/16/2016					0.0418	0.006 (J)
5/31/2016			0.0255	0.00589 (J)		
6/1/2016	0.0283	0.0249				
7/25/2016					0.0179	0.0056 (J)
8/4/2016			0.0227			
8/9/2016		0.0268				
9/19/2016					0.0152	0.0059 (J)
9/29/2016			0.0258			
11/3/2016					0.0127	
11/4/2016						0.0054 (J)
11/23/2016			0.0263 (J)	<0.01		
11/28/2016		<0.01				
1/19/2017					0.0172	
1/23/2017						0.006 (J)
2/9/2017		0.0119				
2/10/2017			0.025	0.0233		
2/22/2017	0.0561					
3/28/2017					0.0437	
3/29/2017						0.0058 (J)
4/11/2017	0.0748	0.0112 (D)		0.0162		
4/12/2017			0.026			
6/5/2017					0.0747	
6/7/2017						0.0062 (J)
6/14/2017		<0.01				
6/15/2017			0.0244	0.0148		
6/16/2017	0.0661					
7/12/2017	0.0932	0.0105		0.0166		
7/26/2017				0.0146		
7/28/2017	0.0808					
8/10/2017	0.0743					
9/26/2017					0.0338	
9/27/2017						0.0056 (J)
10/5/2017		0.0099 (J)				
10/6/2017	0.0699		0.0254	0.015		
12/28/2017	0.082 (Y)					
3/15/2018					0.059	0.0057 (J)
3/22/2018		0.011				
3/23/2018	0.086		0.021	0.013		
9/12/2018					0.032	
9/13/2018						0.0057 (J)
9/19/2018		0.013	0.02	0.015		
9/20/2018	0.093					
3/14/2019					0.077	0.0066 (J)
3/22/2019	0.086	0.014		0.014		
3/25/2019			0.021			
9/11/2019					0.036	0.0061 (J)

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
9/17/2019		0.015	0.023	0.014		
9/18/2019	0.097					
3/10/2020					0.059	0.0061 (J)
3/13/2020		0.017	0.02	0.014		
3/17/2020	0.097					
9/11/2020						0.006 (J)
9/15/2020					0.035	
9/21/2020		0.013	0.021	0.013		
9/22/2020	0.095					
3/11/2021					0.046	0.0059
3/18/2021		0.014	0.02	0.012		
3/19/2021	0.086					
8/4/2021					0.047	
8/6/2021						0.0061
8/11/2021		0.016	0.019	0.013		
8/12/2021	0.094					
1/31/2022					0.047	
2/1/2022						0.0072
2/4/2022	0.11	0.014	0.017			
2/7/2022				0.012		
Mean	0.05068	0.01929	0.02361	0.01054	0.04088	0.005994
Std. Dev.	0.03359	0.01162	0.003439	0.004547	0.01928	0.0004175
Upper Lim.	0.082	0.02236	0.02497	0.01233	0.05296	0.006237
Lower Lim.	0.02	0.01383	0.02226	0.008746	0.0288	0.005736

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		0.0209	0.0144	0.0344 (O)	0.0361	
3/16/2016	0.0244					
3/17/2016						0.0112
5/16/2016	0.0222					
5/17/2016		0.0202			0.0277	
5/18/2016			0.0136	0.0184		0.0107
7/25/2016	0.02					
7/26/2016		0.0165				
7/27/2016			0.013	0.0146	0.0276	0.0104
9/19/2016	0.019					
9/20/2016		0.0132	0.0146	0.0122	0.0266	
9/21/2016						0.0106
11/3/2016	0.0177					
11/4/2016		0.012		0.0119	0.0239	0.0098 (J)
11/7/2016			0.0124			
1/20/2017	0.0173	0.0133		0.0114		
1/23/2017			0.0158		<0.01	
1/24/2017						0.0101
3/28/2017		0.0161			0.024	
3/29/2017	0.0184		0.017	0.0116		0.0103
6/7/2017	0.019	0.0141				
6/8/2017			0.0149	<0.01 (*)	0.0317	<0.01 (*)
9/27/2017	0.0197		0.012	0.0098 (J)		
9/29/2017		0.0151			0.0265	0.0097 (J)
3/15/2018	0.021	0.015	0.011		0.029	0.0093 (J)
3/16/2018				0.01		
9/13/2018	0.022	0.014	0.011	0.0092 (J)	0.026	0.01
3/14/2019	0.024					
3/15/2019			0.01		0.026	
3/18/2019		0.014				0.015
3/19/2019				0.0088 (J)		
9/11/2019	0.021	0.013		0.0097 (J)	0.0295 (D)	0.017
9/12/2019			0.0085 (J)			
3/9/2020			0.0089 (J)	0.0082 (J)	0.029	
3/10/2020	0.024	0.013				
3/11/2020						0.026
9/11/2020	0.021					0.012
9/14/2020		0.013	0.0082 (J)		0.035	
9/15/2020				0.0084 (J)		
3/11/2021	0.022	0.012	0.0083	0.0073	0.038	
3/15/2021						0.012
5/26/2021					0.039	
8/4/2021					0.034	
8/5/2021		0.013	0.0077	0.0069		
8/6/2021	0.023					
8/11/2021						0.025
1/31/2022		0.011			0.038	
2/1/2022	0.026		0.0081	0.0077		0.011
Mean	0.02121	0.01441	0.01163	0.01006	0.02908	0.01251
Std. Dev.	0.002465	0.002635	0.002984	0.00316	0.007607	0.005309
Upper Lim.	0.0227	0.01573	0.01344	0.01205	0.03346	0.015
Lower Lim.	0.01971	0.01283	0.009828	0.008084	0.02611	0.0098

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
8/22/2007			0.023			
8/23/2007		0.017				
10/25/2007		0.023	0.018			
11/19/2007		0.024				
11/20/2007			0.1 (O)			
1/23/2008		0.028	0.031			
3/11/2008		0.022	0.016			
5/12/2008		0.021				
5/14/2008			0.024			
12/11/2008		0.022	0.022			
4/15/2009		0.13 (O)				
4/23/2009			0.012			
10/9/2009		0.026	0.11 (O)			
5/4/2010		0.018	0.096 (O)			
10/11/2010			0.018			
10/12/2010		0.019				
4/26/2011			0.01			
4/28/2011		0.015				
10/18/2011			0.012			0.015
10/19/2011		0.016				
4/30/2012						0.0192
5/2/2012		0.0191	0.0119			
10/3/2012						0.017
10/8/2012			0.01			
10/9/2012		0.019				
4/8/2013						0.018
4/10/2013			0.013			
4/11/2013		0.013				
10/8/2013			0.014			
10/9/2013						0.021
10/16/2013		0.017				
4/10/2014						0.019
4/14/2014			0.01			
4/23/2014		0.015				
10/2/2014						0.014
10/3/2014		0.02	0.014			
3/31/2015		0.014				
4/1/2015			0.013			
4/3/2015						0.014
5/26/2015				0.016		
6/18/2015				0.015 (D)		
7/2/2015				0.014		
10/8/2015						0.024
10/9/2015			0.008	0.012		
10/12/2015		0.017				
3/17/2016	0.0121					
3/28/2016		0.0173				
3/29/2016			0.0239 (J)	0.000768 (J)		
3/30/2016						0.0163
5/18/2016	0.0117					
5/24/2016			0.00902 (J)	0.00847 (J)		0.0137
5/25/2016		0.0175				

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
5/31/2016					0.0178	
7/28/2016	0.0081 (J)					
8/1/2016		0.0145	0.0091 (J)	0.0086 (J)		
8/2/2016					0.0394	0.0152
9/21/2016	0.0106					
9/26/2016			0.0124	0.0086 (J)		
9/27/2016		0.0139			0.032	0.0147
11/7/2016	0.0047 (J)					
11/11/2016		0.0135				
11/14/2016				0.0083 (J)		
11/18/2016			0.0117			
11/21/2016					0.0316 (J)	
11/22/2016						0.0174 (J)
1/24/2017	0.0071 (J)					
1/31/2017		0.0153				
2/1/2017			0.0086 (J)	0.0096 (J)	0.0264	
2/6/2017						0.0144
3/30/2017	0.0043 (J)					
4/3/2017		0.0135				
4/6/2017			0.0083 (J)	0.0087 (J)	0.0245	0.0149
6/9/2017	<0.01 (*)					
6/12/2017		0.0154				
6/13/2017			<0.01	<0.01	0.0247	
6/14/2017						0.0139
7/14/2017					0.0245	
9/29/2017	0.004 (J)					
10/3/2017		0.0138	0.0084 (J)	0.0098 (J)	0.0218	
10/4/2017						0.015
3/15/2018	0.0032 (J)					
3/19/2018		0.013	0.0079 (J)			
3/20/2018				0.0088 (J)	0.024	
3/21/2018						0.015
9/14/2018	0.004 (J)					
9/17/2018		0.014	0.0065 (J)	0.0082 (J)		
9/18/2018					0.027	0.014
3/19/2019	0.0033 (J)					
3/20/2019		0.018				
3/21/2019			0.0074 (J)	0.0075 (J)	0.03	
3/27/2019						0.014
9/11/2019	0.0038 (J)					
9/13/2019					0.031	
9/16/2019		0.022	0.0075 (J)	0.0072 (J)		0.015 (D)
3/9/2020	0.0045 (J)					
3/12/2020			0.0075 (J)	0.0072 (J)	0.022	0.014
3/16/2020		0.024				
9/14/2020	0.0027 (J)					
9/16/2020		0.013	0.0074 (J)	0.0066 (J)	0.02	
9/17/2020						0.014
3/15/2021	0.0028 (J)					
3/17/2021		0.014	0.0075	0.0072	0.022	0.014
8/5/2021	0.0036 (J)					
8/9/2021		0.012				

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
8/10/2021			0.0074	0.0072	0.02	0.014
2/1/2022	0.003 (J)					
2/2/2022		0.012	0.0064	0.0066	0.015	0.013
Mean	0.005472	0.01742	0.01227	0.008697	0.02521	0.01569
Std. Dev.	0.003098	0.00414	0.006091	0.003312	0.00593	0.002584
Upper Lim.	0.0081	0.01905	0.01373	0.01047	0.02879	0.017
Lower Lim.	0.0032	0.01578	0.009456	0.006919	0.02162	0.014

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
8/23/2007		0.043
11/1/2007		0.032
11/19/2007		0.049 (J)
1/15/2008		0.12 (O)
3/6/2008		0.075 (O)
5/13/2008		0.055
12/12/2008		0.16 (O)
4/16/2009		0.15 (O)
10/13/2009		0.05
4/21/2010		0.039
9/29/2010		0.033
4/13/2011		0.033
10/5/2011		0.035
4/4/2012		0.0422
10/8/2012		0.029
4/8/2013		0.042
10/9/2013		0.04
4/9/2014		0.038
9/30/2014		0.038
4/2/2015		0.039
5/26/2015	0.06	
6/18/2015	0.047 (D)	
7/2/2015	0.04	
10/8/2015	0.032	
10/10/2015		0.038 (D)
3/22/2016	0.0263	
3/30/2016		0.0412
5/25/2016	0.0178	
5/26/2016		0.0357
8/2/2016	0.0265	
8/5/2016		0.03
9/26/2016	0.0267	
9/28/2016		0.0308
11/21/2016	0.0309 (J)	0.0356 (J)
2/3/2017	0.0289	
2/6/2017		0.0391
4/6/2017		0.0402
4/7/2017	0.029	
6/13/2017	0.027	0.0394
10/3/2017	0.0292	0.0381
3/20/2018	0.029	0.039
9/18/2018	0.025	0.037
3/21/2019		0.042
5/6/2019	0.017	
9/16/2019	0.026	0.035
3/12/2020		0.044
3/16/2020	0.027	
9/17/2020	0.025	0.031
3/18/2021	0.018	0.041
8/10/2021	0.029	0.043
2/2/2022	0.024	0.044
Mean	0.02915	0.03889

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
Std. Dev.	0.009515	0.005672
Upper Lim.	0.0326	0.04123
Lower Lim.	0.02396	0.03655

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-11	GWC-13	GWC-14Z	GWC-44	GWC-45R
9/30/2014				<0.0005		
10/1/2014			<0.0005			
10/2/2014	<0.0005	<0.0005				
4/1/2015		<0.0005	0.00022 (J)			
4/2/2015	0.00015 (J)					
4/3/2015				<0.0005		
10/7/2015				<0.0005		
10/10/2015	8.5E-05 (J)					
10/11/2015		<0.0005				
10/15/2015			0.00018 (J)			
3/16/2016					<0.0005	<0.0005 (D)
3/31/2016	<0.0005					
4/4/2016		<0.0005	<0.0005			
4/5/2016				<0.0005		
5/16/2016					<0.0005	<0.0005 (D)
5/26/2016	<0.0005	<0.0005				
5/31/2016			<0.0005			
6/1/2016				<0.0005		
7/25/2016					<0.0005	<0.0005 (D)
8/3/2016		<0.0005				
8/4/2016			<0.0005			
8/5/2016	<0.0005					
8/9/2016				<0.0005		
9/19/2016					<0.0005	<0.0005 (D)
9/28/2016	<0.0005	<0.0005				
9/29/2016			9E-05 (J)			
11/3/2016					<0.0005	<0.0005 (D)
11/22/2016	<0.0005	<0.0005				
11/28/2016			<0.0005	<0.0005		
1/19/2017					<0.0005	
1/20/2017						<0.0005 (D)
2/7/2017	<0.0005					
2/8/2017		<0.0005				
2/9/2017			<0.0005	0.0001 (J)		
3/28/2017					8E-05 (J)	
3/29/2017						<0.0005 (D)
4/10/2017	<0.0005	<0.0005				
4/11/2017				<0.0005		
4/12/2017			0.0001 (J)			
6/5/2017					9E-05 (J)	
6/7/2017						<0.0005
6/14/2017	<0.0005			<0.0005		
6/15/2017		<0.0005				
6/16/2017			9E-05 (J)			
7/12/2017				<0.0005		
9/26/2017					<0.0005	
9/27/2017						<0.0005
10/4/2017	<0.0005	<0.0005				
10/5/2017				<0.0005		
10/9/2017			<0.0005			
3/15/2018					7.7E-05 (J)	<0.0005
3/20/2018	0.00019 (J)					

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-11	GWC-13	GWC-14Z	GWC-44	GWC-45R
3/21/2018		<0.0005	<0.0005			
3/22/2018				0.00103 (D)		
9/12/2018					<0.0005	
9/13/2018						<0.0005
9/18/2018	5.4E-05 (J)	<0.0005				
9/19/2018			7E-05 (J)	0.00014 (J)		
3/14/2019					7.8E-05 (J)	<0.0005 (D)
3/22/2019	0.00018 (J)			9.4E-05 (J)		
3/23/2019		5.7E-05 (J)	6.1E-05 (J)			
9/11/2019					<0.0005	<0.0005 (D)
9/17/2019	<0.0005	<0.0005		0.00013 (X)		
9/18/2019			7.4E-05 (J)			
3/10/2020					7.4E-05 (J)	<0.0005
3/12/2020	0.00017 (J)	<0.0005				
3/13/2020			8E-05 (J)	0.00016 (J)		
9/11/2020						5.6E-05 (J)
9/15/2020					5.7E-05 (J)	
9/17/2020	<0.0005					
9/21/2020		<0.0005		9.5E-05 (J)		
9/22/2020			<0.0005			
3/11/2021					6.4E-05 (J)	<0.0005
3/18/2021	0.0001 (J)		7E-05 (J)	0.00012 (J)		
3/19/2021		<0.0005				
8/4/2021					6.7E-05 (J)	
8/6/2021						<0.0005
8/10/2021	9.4E-05 (J)					
8/11/2021		<0.0005	7.4E-05 (J)	0.00011 (J)		
1/31/2022					6.5E-05 (J)	
2/1/2022						<0.0005
2/4/2022	0.00021 (J)	<0.0005		0.00011 (J)		
2/17/2022			8.9E-05 (J)			
Mean	0.0003444	0.0004789	0.0002713	0.0003614	0.0002862	0.0004753
Std. Dev.	0.0001873	9.667E-05	0.0002061	0.0002447	0.0002201	0.0001047
Upper Lim.	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Lower Lim.	0.00015	5.7E-05	7.4E-05	0.00011	6.7E-05	5.6E-05

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-5	GWC-6	GWC-6RZ	GWC-8RR	GWC-8Z
10/2/2014					<0.0005	
10/3/2014		0.00073 (J)	0.00024 (J)			
3/31/2015		0.00057 (J)				
4/1/2015			0.00021 (J)			
4/3/2015					<0.0005	
5/26/2015				8.8E-05 (J)		<0.0005
6/18/2015				<0.0005 (D)		0.0013 (D)
7/2/2015				<0.0005		<0.0005
10/8/2015					0.00025 (J)	<0.0005
10/9/2015			<0.0005	<0.0005		
10/12/2015		0.00054 (J)				
3/10/2016	<0.0005					
3/22/2016						<0.0005
3/28/2016		<0.0005				
3/29/2016			<0.0005	<0.0005		
3/30/2016					<0.0005	
5/17/2016	<0.0005					
5/24/2016			<0.0005	<0.0005	<0.0005	
5/25/2016		<0.0005				<0.0005
7/27/2016	0.0002 (J)					
8/1/2016		0.0006 (J)	<0.0005	<0.0005		
8/2/2016					<0.0005	<0.0005
9/20/2016	0.0002 (J)					
9/26/2016			<0.0005	<0.0005		<0.0005
9/27/2016		0.0007 (J)			<0.0005	
11/4/2016	0.0002 (J)					
11/11/2016		0.0007 (J)				
11/14/2016				<0.0005		
11/18/2016			<0.0005			
11/21/2016						<0.0005
11/22/2016					<0.0005	
1/23/2017	<0.0005					
1/31/2017		0.0007 (J)				
2/1/2017			<0.0005	<0.0005		
2/3/2017						<0.0005
2/6/2017					<0.0005	
3/28/2017	0.0002 (J)					
4/3/2017		0.0007 (J)				
4/6/2017			<0.0005	<0.0005	<0.0005	
4/7/2017						<0.0005
6/8/2017	0.0002 (J)					
6/12/2017		0.0004 (J)				
6/13/2017			<0.0005	<0.0005		<0.0005
6/14/2017					<0.0005	
9/29/2017	0.0002 (J)					
10/3/2017		0.0006 (J)	<0.0005	<0.0005		<0.0005
10/4/2017					<0.0005	
3/15/2018	0.00025 (J)					
3/19/2018		0.0005 (J)	6.6E-05 (J)			
3/20/2018				6.8E-05 (J)		<0.0005
3/21/2018					<0.0005	
9/13/2018	0.00026 (J)					

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-5	GWC-6	GWC-6RZ	GWC-8RR	GWC-8Z
9/17/2018		0.00053 (J)	<0.0005	5.8E-05 (J)		
9/18/2018					<0.0005	<0.0005
3/15/2019	0.00022 (J)					
3/20/2019		0.00046 (J)				
3/21/2019			<0.0005	7.6E-05 (J)		
3/27/2019					<0.0005	
5/6/2019						0.0001 (J)
9/11/2019	0.0003 (JD)					
9/16/2019		0.00051 (J)	<0.0005	<0.0005	<0.0005 (D)	<0.0005
3/9/2020	0.00028 (J)					
3/12/2020			<0.0005	9.3E-05 (J)	<0.0005	
3/16/2020		0.00048 (J)				<0.0005
9/14/2020	0.00033 (J)					
9/16/2020		0.00069 (J)	<0.0005	6.7E-05 (J)		
9/17/2020					<0.0005	4.9E-05 (J)
3/11/2021	0.00033 (J)					
3/17/2021		0.00061	<0.0005	<0.0005	<0.0005	
3/18/2021						8.5E-05 (J)
8/4/2021	0.00031 (J)					
8/9/2021		0.00069				
8/10/2021			<0.0005	6.1E-05 (J)	<0.0005	6.2E-05 (J)
1/31/2022	0.00036 (J)					
2/2/2022		0.00075	<0.0005	7E-05 (J)	<0.0005	6.4E-05 (J)
Mean	0.0002967	0.0005933	0.0004531	0.0003446	0.0004881	0.0004391
Std. Dev.	0.0001074	0.000104	0.0001212	0.0002105	5.455E-05	0.0002651
Upper Lim.	0.00036	0.0006507	0.0005	0.0005	0.0005	0.0005
Lower Lim.	0.0002	0.000536	0.00024	7.6E-05	0.00025	0.0001

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9
9/30/2014	0.00013 (J)
4/2/2015	0.00028 (J)
10/10/2015	0.000245 (JD)
3/30/2016	<0.0005
5/26/2016	<0.0005
8/5/2016	<0.0005
9/28/2016	<0.0005
11/21/2016	<0.0005
2/6/2017	0.0002 (J)
4/6/2017	0.0002 (J)
6/13/2017	0.0002 (J)
10/3/2017	0.0001 (J)
3/20/2018	0.00022 (J)
9/18/2018	0.00014 (JD)
3/21/2019	0.00015 (J)
9/16/2019	0.0001 (J)
3/12/2020	0.00022 (J)
9/17/2020	4.8E-05 (J)
3/18/2021	0.00016 (J)
8/10/2021	0.00015 (J)
2/2/2022	0.00018 (J)
Mean	0.0002487
Std. Dev.	0.000153
Upper Lim.	0.0001792
Lower Lim.	0.0001025

Confidence Interval

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ
3/31/2016	<0.04	<0.04				
4/4/2016			<0.04	<0.04	<0.04	<0.04
5/26/2016	<0.04	<0.04	<0.04	<0.04		
5/31/2016					<0.04	
6/1/2016						<0.04
8/3/2016		<0.04	<0.04			
8/4/2016				<0.04	<0.04	
8/5/2016	<0.04					
9/28/2016	<0.04	0.0169 (J)	<0.04	<0.04		
9/29/2016					0.0192 (J)	
11/22/2016	<0.04	0.0067 (J)	<0.04	0.0072 (J)		
11/28/2016					0.0124 (J)	
2/7/2017	<0.04	<0.04				
2/8/2017			0.0085 (J)	0.0069 (J)		
2/9/2017					0.0157 (J)	
2/22/2017						0.02 (J)
4/10/2017	<0.04	<0.04	<0.04	<0.04		
4/11/2017						<0.04
4/12/2017					0.0183 (J)	
6/14/2017	<0.04	<0.04				
6/15/2017			<0.04	<0.04		
6/16/2017					0.0269 (J)	0.0163 (J)
7/12/2017						0.0117 (J)
7/28/2017						0.0071 (J)
8/10/2017						0.0093 (J)
10/4/2017	<0.04	<0.04	<0.04	0.0065 (J)		
10/6/2017						0.0148 (J)
10/9/2017					0.0383 (J)	
3/20/2018	0.004 (J)					
3/21/2018		<0.04	<0.04		0.021 (J)	
3/22/2018				<0.04		
3/23/2018						0.017 (J)
9/18/2018	<0.04	<0.04	<0.04	<0.04		
9/19/2018					0.026 (J)	
9/20/2018						0.016 (J)
3/22/2019	<0.04	<0.04				0.013 (J)
3/23/2019			<0.04	<0.04	0.012 (J)	
9/17/2019	<0.04	<0.04	<0.04	<0.04		
9/18/2019					0.017 (J)	0.014 (X)
3/12/2020	<0.04	0.005 (J)	<0.04	0.0058 (J)		
3/13/2020					0.014 (J)	
3/17/2020						0.017 (J)
9/17/2020	<0.04	<0.04				
9/21/2020			<0.04	<0.04		
9/22/2020					0.0087 (J)	0.01 (J)
3/18/2021	<0.04	<0.04			0.0091 (J)	
3/19/2021			<0.04	<0.04		0.014 (J)
8/10/2021	<0.04					
8/11/2021		<0.04	<0.04	<0.04	<0.04	
8/12/2021						0.014 (J)
2/4/2022	<0.04	<0.04	<0.04	<0.04		0.017 (J)
2/17/2022					0.015 (J)	

Confidence Interval

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ
Mean	0.038	0.03492	0.03825	0.03258	0.02298	0.0184
Std. Dev.	0.008485	0.01189	0.007425	0.01429	0.01168	0.01042
Upper Lim.	0.04	0.04	0.04	0.04	0.02172	0.02
Lower Lim.	0.004	0.0169	0.0085	0.0072	0.01327	0.0117

Confidence Interval

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016				<0.04	<0.04 (D)	<0.04 (D)
4/5/2016	<0.04	<0.04	<0.04			
5/16/2016				<0.04	<0.04 (D)	<0.04 (D)
5/31/2016		<0.04	<0.04			
6/1/2016	<0.04					
7/25/2016				<0.04	<0.04 (D)	0.0054 (JD)
8/4/2016		<0.04				
8/9/2016	0.0996 (O)					
9/19/2016				<0.04	<0.04 (D)	<0.04 (D)
9/29/2016		0.0106 (J)				
11/3/2016				<0.04		<0.04 (D)
11/4/2016					<0.04 (D)	
11/23/2016		0.0099 (J)	0.0076 (J)			
11/28/2016	0.0072 (J)					
1/19/2017				<0.04		
1/20/2017						<0.04 (D)
1/23/2017					0.0086 (JD)	
2/9/2017	<0.04					
2/10/2017		<0.04	<0.04			
3/28/2017				0.0113 (J)		
3/29/2017					<0.04 (D)	<0.04 (D)
4/11/2017	<0.04		<0.04			
4/12/2017		0.009 (J)				
6/5/2017				<0.04 (*)		
6/7/2017					<0.04 (*)	<0.04 (*)
6/14/2017	<0.04					
6/15/2017		<0.04	<0.04			
7/12/2017	<0.04		<0.04			
7/26/2017			<0.04			
9/26/2017				0.0084 (J)		
9/27/2017					<0.04	<0.04
10/5/2017	0.0068 (J)					
10/6/2017		<0.04	0.0071 (J)			
3/15/2018				0.014 (J)	0.0077 (J)	0.0063 (J)
3/22/2018	<0.04					
3/23/2018		0.0053 (J)	0.0092 (J)			
9/12/2018				0.0051 (J)		
9/13/2018					<0.04	<0.04
9/19/2018	<0.04	0.0049 (J)	0.0046 (J)			
3/14/2019				0.018 (X)	<0.04 (D)	0.006 (D)
3/22/2019	<0.04		<0.04			
3/25/2019		<0.04				
9/11/2019				0.0088 (X)	<0.04 (D)	<0.04 (D)
9/17/2019	<0.04	<0.04	<0.04			
3/10/2020				0.019 (J)	<0.04	0.009 (J)
3/13/2020	0.0081 (J)	0.0064 (J)	0.0054 (J)			
9/11/2020					<0.04	0.0056 (J)
9/15/2020				0.0089 (J)		
9/21/2020	<0.04	0.0075 (J)	<0.04			
3/11/2021				0.016 (J)	<0.04	0.006 (J)
3/18/2021	<0.04	<0.04	<0.04			
8/4/2021				0.016 (J)		

Confidence Interval

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/6/2021					<0.04	<0.04
8/11/2021	<0.04	<0.04	<0.04			
1/31/2022				0.015 (J)		
2/1/2022					0.019 (J)	0.022 (J)
2/4/2022	<0.04	<0.04				
2/7/2022			<0.04			
Mean	0.03424	0.02742	0.03077	0.02336	0.03529	0.02779
Std. Dev.	0.01283	0.01628	0.01534	0.01409	0.01104	0.01615
Upper Lim.	0.04	0.04	0.04	0.04	0.04	0.04
Lower Lim.	0.0081	0.0075	0.0076	0.0089	0.019	0.006

Confidence Interval

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z
3/10/2016	<0.04	<0.04	<0.04	<0.04		
3/17/2016					<0.04	<0.04
5/17/2016	<0.04			<0.04		
5/18/2016		<0.04	<0.04		<0.04	<0.04
7/26/2016	0.0047 (J)					
7/27/2016		<0.04 (*)	<0.04	<0.04 (*)	<0.04 (*)	
7/28/2016						<0.04 (*)
9/20/2016	0.0254 (J)	0.0133 (J)	0.0109 (J)	0.0078 (J)		
9/21/2016					<0.04 (*)	<0.04 (*)
11/4/2016	<0.04		<0.04	<0.04	<0.04	
11/7/2016		0.0079 (J)				0.0138 (J)
1/20/2017	<0.04		<0.04			
1/23/2017		<0.04		<0.04		
1/24/2017					<0.04	<0.04
3/28/2017	<0.04			<0.04		
3/29/2017		<0.04	<0.04		<0.04	
3/30/2017						0.0077 (J)
6/7/2017	<0.04 (*)					
6/8/2017		<0.04	<0.04	<0.04	<0.04	
6/9/2017						<0.04
9/27/2017		<0.04	<0.04			
9/29/2017	<0.04			<0.04	<0.04	<0.04
3/15/2018	0.0042 (J)	<0.04		<0.04	<0.04	0.0052 (J)
3/16/2018			<0.04			
9/13/2018	<0.04	<0.04	<0.04	<0.04	<0.04	
9/14/2018						<0.04
3/15/2019		<0.04		<0.04		
3/18/2019	0.022 (X)				0.0099 (X)	
3/19/2019			<0.04			0.0043 (X)
9/11/2019	<0.04		0.0054 (X)	<0.04	<0.04	<0.04
9/12/2019		<0.04				
3/9/2020		<0.04	0.0051 (J)	<0.04		0.0055 (J)
3/10/2020	<0.04					
3/11/2020					<0.04	
9/11/2020					0.0057 (J)	
9/14/2020	<0.04	<0.04		<0.04		<0.04
9/15/2020			<0.04			
3/11/2021	<0.04	<0.04	<0.04	<0.04		
3/15/2021					0.01 (J)	0.0066 (J)
8/4/2021				<0.04		
8/5/2021	<0.04	<0.04	<0.04			<0.04
8/11/2021					<0.04	
1/31/2022	<0.04			<0.04		
2/1/2022		0.011 (J)	0.01 (J)		<0.04	0.0087 (J)
Mean	0.03424	0.03512	0.03286	0.03821	0.03476	0.02732
Std. Dev.	0.01205	0.01126	0.01381	0.00759	0.0121	0.01646
Upper Lim.	0.04	0.04	0.04	0.04	0.04	0.04
Lower Lim.	0.0254	0.0133	0.0109	0.0078	0.01	0.0066

Confidence Interval

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z
3/22/2016						<0.04
3/28/2016	<0.04					
3/29/2016		<0.04	<0.04			
3/30/2016					<0.04	
5/24/2016		<0.04	<0.04		<0.04	
5/25/2016	<0.04					<0.04
5/31/2016				<0.04		
8/1/2016	<0.04	<0.04	<0.04			
8/2/2016				<0.04	<0.04	<0.04
9/26/2016		<0.04	<0.04			<0.04
9/27/2016	<0.04			0.0073 (J)	<0.04	
11/11/2016	0.0083 (J)					
11/14/2016			<0.04			
11/18/2016		<0.04				
11/21/2016				0.008 (J)		<0.04
11/22/2016					0.0115 (J)	
1/31/2017	<0.04					
2/1/2017		<0.04	<0.04	<0.04		
2/3/2017						<0.04
2/6/2017					<0.04	
4/3/2017	<0.04					
4/6/2017		<0.04	<0.04	<0.04	<0.04	
4/7/2017						<0.04
6/12/2017	<0.04					
6/13/2017		<0.04	<0.04	<0.04		<0.04
6/14/2017					<0.04	
7/14/2017				0.007 (J)		
10/3/2017	<0.04	<0.04	<0.04	<0.04		<0.04
10/4/2017					<0.04	
3/19/2018	0.0041 (J)	<0.04				
3/20/2018			0.0073 (J)	0.0064 (J)		<0.04
3/21/2018					<0.04	
9/17/2018	<0.04	<0.04	0.0046 (J)			
9/18/2018				0.0045 (J)	<0.04	<0.04
3/20/2019	<0.04					
3/21/2019		<0.04	<0.04	<0.04		
3/27/2019					0.0078 (J)	
5/6/2019						0.0065 (J)
9/13/2019				0.0065 (J)		
9/16/2019	0.0051 (J)	<0.04	<0.04		<0.04 (D)	<0.04
3/12/2020		0.0061 (J)	0.0052 (J)	0.0057 (J)	<0.04	
3/16/2020	<0.04					<0.04
9/16/2020	<0.04	<0.04	<0.04	0.0052 (J)		
9/17/2020					<0.04	<0.04
3/17/2021	<0.04	<0.04	<0.04	<0.04	<0.04	
3/18/2021						<0.04
8/9/2021	<0.04					
8/10/2021		<0.04	<0.04	<0.04	<0.04	<0.04
2/2/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Mean	0.03431	0.03812	0.03428	0.02503	0.03663	0.03814
Std. Dev.	0.01312	0.00799	0.01316	0.01723	0.009835	0.007896
Upper Lim.	0.04	0.04	0.04	0.04	0.04	0.04

Confidence Interval

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z
Lower Lim.	0.0083	0.0061	0.0073	0.0064	0.0115	0.0065

Confidence Interval

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9
3/30/2016	<0.04
5/26/2016	<0.04
8/5/2016	<0.04
9/28/2016	<0.04
11/21/2016	<0.04
2/6/2017	<0.04
4/6/2017	<0.04
6/13/2017	<0.04
10/3/2017	<0.04
3/20/2018	0.0096 (J)
9/18/2018	<0.04 (D)
3/21/2019	0.006 (J)
9/16/2019	<0.04
3/12/2020	0.0058 (J)
9/17/2020	<0.04
3/18/2021	<0.04
8/10/2021	<0.04
2/2/2022	<0.04
Mean	0.03452
Std. Dev.	0.01263
Upper Lim.	0.04
Lower Lim.	0.0096

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-11R	GWC-12	GWC-14Z	GWC-15R	GWC-44
8/21/2007	<0.0005	<0.0005	<0.0005			
8/23/2007					<0.0005	
8/24/2007				<0.0005		
11/1/2007	<0.0005	<0.0005	<0.0005			
11/2/2007				<0.0005	<0.0005	
11/17/2007				<0.0005	<0.0005	
11/18/2007		<0.0005				
11/19/2007			<0.0005			
11/20/2007	<0.0005					
1/15/2008				<0.0005	<0.0005	
1/16/2008			<0.0005			
1/30/2008	<0.0005	<0.0005				
3/5/2008			<0.0005	<0.0005		
3/6/2008	<0.0005	<0.0005			<0.0005	
5/7/2008		<0.0005		<0.0005	<0.0005	
5/8/2008	<0.0005					
5/13/2008			<0.0005			
12/2/2008				<0.0005	<0.0005	
12/13/2008			<0.0005			
12/14/2008	<0.0005	<0.0005				
4/16/2009			<0.0005	<0.0005		
4/28/2009					<0.0005	
4/29/2009	<0.0005	<0.0005				
10/19/2009					<0.0005	
10/20/2009				<0.0005		
10/21/2009	<0.0005		<0.0005			
10/22/2009		<0.0005				
4/20/2010				<0.0005		
4/21/2010	<0.0005	<0.0005				
4/27/2010			<0.0005		<0.0005	
9/28/2010	<0.0005					
9/29/2010		<0.0005		<0.0005		
10/4/2010					<0.0005	
10/5/2010			<0.0005			
4/12/2011	<0.0005			<0.0005		
4/13/2011		<0.0005				
4/18/2011					<0.0005	
4/19/2011			<0.0005			
10/4/2011	<0.0005	<0.0005		<0.0005		
10/12/2011			<0.0005		<0.0005	
4/3/2012	<0.0005					
4/4/2012		<0.0005		<0.0005		
4/23/2012					<0.0005	
4/24/2012			<0.0005			
10/2/2012			<0.0005			
10/3/2012		<0.0005				
10/8/2012	<0.0005					
10/10/2012				<0.0005	<0.0005	
4/2/2013			<0.0005			
4/3/2013	<0.0005	<0.0005				
4/15/2013				<0.0005	<0.0005	
10/9/2013		<0.0005	<0.0005			

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-11R	GWC-12	GWC-14Z	GWC-15R	GWC-44
10/15/2013	<0.0005					
10/22/2013				<0.0005	<0.0005	
4/1/2014			<0.0005			
4/2/2014		<0.0005				
4/9/2014	<0.0005					
4/21/2014				<0.0005	<0.0005	
9/30/2014				<0.0005	<0.0005	
10/2/2014	<0.0005	<0.0005	<0.0005			
4/1/2015		0.00033 (J)	<0.0005			
4/2/2015	<0.0005					
4/3/2015				<0.0005	<0.0005	
10/7/2015				<0.0005	0.00028 (J)	
10/11/2015		0.00056 (J)				
10/12/2015	<0.0005					
10/14/2015			0.00025 (J)			
3/16/2016						<0.0005
3/31/2016	<0.0005					
4/4/2016		<0.0005	0.000136 (J)			
4/5/2016				<0.0005	0.027 (O)	
5/16/2016						<0.0005
5/26/2016	<0.0005	<0.0005				
5/27/2016			0.000131 (J)			
5/31/2016					0.000206 (J)	
6/1/2016				<0.0005		
7/25/2016						<0.0005
8/3/2016	<0.0005		<0.0005			
8/4/2016		<0.0005			<0.0005	
8/9/2016				<0.0005		
9/19/2016						<0.0005
9/28/2016	0.0002 (J)	<0.0005				
9/29/2016					0.0002 (J)	
9/30/2016			9E-05 (J)			
11/3/2016						<0.0005
11/22/2016	<0.0005	<0.0005	<0.0005			
11/23/2016					0.0001 (J)	
11/28/2016				<0.0005		
1/19/2017						<0.0005
2/7/2017	<0.0005					
2/8/2017		<0.0005				
2/9/2017				0.0001 (J)		
2/10/2017					<0.0005	
2/13/2017			0.0001 (J)			
3/28/2017						<0.0005
4/10/2017	<0.0005	<0.0005				
4/11/2017			0.0003 (J)	<0.0005		
4/12/2017					<0.0005	
6/5/2017						8E-05 (J)
6/14/2017	<0.0005		0.0003 (J)	<0.0005		
6/15/2017		<0.0005			<0.0005	
7/12/2017				<0.0005		
9/26/2017						<0.0005
10/4/2017	<0.0005	<0.0005	0.0002 (J)			

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-11R	GWC-12	GWC-14Z	GWC-15R	GWC-44
10/5/2017				<0.0005		
10/6/2017					<0.0005	
3/15/2018						<0.0005
3/21/2018	<0.0005					
3/22/2018		<0.0005	0.00032 (J)	<0.0005		
3/23/2018					<0.0005	
9/12/2018						<0.0005
9/18/2018	<0.0005	<0.0005	0.00057 (J)			
9/19/2018				<0.0005	<0.0005	
3/14/2019						<0.0005
3/22/2019	<0.0005			<0.0005		
3/23/2019		<0.0005	0.00035 (J)			
3/25/2019					<0.0005	
9/11/2019						<0.0005
9/17/2019	<0.0005	<0.0005	0.000575 (JD)	<0.0005	<0.0005	
3/10/2020						<0.0005
3/12/2020	<0.0005	<0.0005	0.00089 (J)			
3/13/2020				<0.0005	<0.0005	
9/15/2020						<0.0005
9/17/2020	<0.0005					
9/21/2020		<0.0005	0.00025 (J)	<0.0005	<0.0005	
3/11/2021						<0.0005
3/18/2021	<0.0005			<0.0005	<0.0005	
3/19/2021		<0.0005	0.00027 (J)			
8/4/2021						<0.0005
8/11/2021	<0.0005	<0.0005	0.00048 (J)	<0.0005	<0.0005	
1/31/2022						<0.0005
2/2/2022			0.0012			
2/4/2022	<0.0005	<0.0005		<0.0005	<0.0005	
Mean	0.0004923	0.0004972	0.0004465	0.0004897	0.0004681	0.0004767
Std. Dev.	4.804E-05	2.91E-05	0.0002014	6.405E-05	9.671E-05	9.899E-05
Upper Lim.	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Lower Lim.	0.0005	0.0005	0.00035	0.0005	0.00028	8E-05

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-47	GWC-48	GWC-49Z	GWC-5	GWC-6
8/22/2007						<0.0005
8/23/2007					<0.0005	
10/25/2007					<0.0005	<0.0005
11/19/2007					<0.0005	
11/20/2007						<0.0005
1/23/2008					<0.0005	<0.0005
3/11/2008					<0.0005	<0.0005
5/12/2008					<0.0005	
5/14/2008						<0.0005
12/11/2008					<0.0005	<0.0005
4/15/2009					<0.0005	
4/23/2009						<0.0005
10/9/2009					<0.0005	<0.0005
5/4/2010					<0.0005	<0.0005
10/11/2010						<0.0005
10/12/2010					<0.0005	
4/26/2011						<0.0005
4/28/2011					<0.0005	
10/18/2011						<0.0005
10/19/2011					<0.0005	
5/2/2012					<0.0005	<0.0005
10/8/2012						<0.0005
10/9/2012					<0.0005	
4/10/2013						<0.0005
4/11/2013					<0.0005	
10/8/2013						<0.0005
10/16/2013					<0.0005	
4/14/2014						<0.0005
4/23/2014					<0.0005	
10/3/2014					0.00033 (J)	<0.0005
3/31/2015					<0.0005	
4/1/2015						<0.0005
10/9/2015						<0.0005
10/12/2015					<0.0005	
3/10/2016		<0.0005	0.0195 (JO)			
3/16/2016	0.0084065 (D)					
3/17/2016				<0.0005		
3/28/2016					0.00104	
3/29/2016						<0.0005
5/16/2016	<0.0005 (D)					
5/17/2016			0.000251 (J)			
5/18/2016		<0.0005		<0.0005		
5/24/2016						<0.0005
5/25/2016					0.000148 (J)	
7/25/2016	<0.0005 (D)					
7/27/2016		<0.0005	0.0002 (J)			
7/28/2016				<0.0005		
8/1/2016					0.0001 (J)	<0.0005
9/19/2016	<0.0005 (D)					
9/20/2016		8E-05 (J)	0.0002 (J)			
9/21/2016				9E-05 (J)		
9/26/2016						8E-05 (J)

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-47	GWC-48	GWC-49Z	GWC-5	GWC-6
9/27/2016					0.0001 (J)	
11/3/2016	<0.0005 (D)					
11/4/2016			0.0001 (J)			
11/7/2016		<0.0005		0.0001 (J)		
11/11/2016					9E-05 (J)	
11/18/2016						8E-05 (J)
1/20/2017	<0.0005 (D)					
1/23/2017		<0.0005	<0.0005			
1/24/2017				0.0002 (J)		
1/31/2017					<0.0005	
2/1/2017						<0.0005
3/28/2017			0.0001 (J)			
3/29/2017	<0.0005 (D)	<0.0005				
3/30/2017				0.0002 (J)		
4/3/2017					0.0001 (J)	
4/6/2017						<0.0005
6/7/2017	<0.0005					
6/8/2017		<0.0005	0.0002 (J)			
6/9/2017				0.0002 (J)		
6/12/2017					<0.0005	
6/13/2017						<0.0005
9/27/2017	<0.0005	<0.0005				
9/29/2017			0.0002 (J)	0.0002 (J)		
10/3/2017					<0.0005	<0.0005
3/15/2018	<0.0005	9.3E-05 (J)	0.00018 (J)	0.0001 (J)		
3/19/2018					<0.0005	<0.0005
9/13/2018	<0.0005	<0.0005	0.00012 (J)			
9/14/2018				<0.0005		
9/17/2018					<0.0005	<0.0005
3/14/2019	<0.0005 (D)					
3/15/2019		0.00015 (J)	0.00018 (J)			
3/19/2019				<0.0005		
3/20/2019					<0.0005	
3/21/2019						<0.0005
9/11/2019	<0.0005 (D)		0.00021 (JD)	<0.0005		
9/12/2019		<0.0005				
9/16/2019					<0.0005	<0.0005
3/9/2020		0.00015 (J)	0.00016 (J)	<0.0005		
3/10/2020	<0.0005					
3/12/2020						<0.0005
3/16/2020					<0.0005	
9/11/2020	<0.0005					
9/14/2020		0.00014 (J)	0.00019 (J)	<0.0005		
9/16/2020					<0.0005	<0.0005
3/11/2021	<0.0005	0.00018 (J)	0.00021 (J)			
3/15/2021				<0.0005		
3/17/2021					0.00013 (J)	<0.0005
8/4/2021			0.0002 (J)			
8/5/2021		<0.0005		<0.0005		
8/6/2021	<0.0005					
8/9/2021				<0.0005		
8/10/2021						<0.0005

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-47	GWC-48	GWC-49Z	GWC-5	GWC-6
1/31/2022			0.0002 (J)			
2/1/2022	<0.0005	0.00014 (J)		<0.0005		
2/2/2022					<0.0005	<0.0005
Mean	0.0009393	0.0003574	0.0002001	0.0003661	0.0004497	0.0004785
Std. Dev.	0.001864	0.0001851	8.721E-05	0.0001758	0.0001725	9.385E-05
Upper Lim.	0.008407	0.0005	0.00021	0.0005	0.0005	0.0005
Lower Lim.	0.0005	0.00014	0.00016	0.0002	0.00033	0.0005

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-8Z
5/26/2015		<0.0005
6/18/2015		<0.0005 (D)
7/2/2015		<0.0005
10/8/2015		<0.0005
3/22/2016		<0.0005
5/25/2016		<0.0005
5/31/2016	<0.0005	
8/2/2016	<0.0005	<0.0005
9/26/2016		<0.0005
9/27/2016	<0.0005	
11/21/2016	<0.0005	<0.0005
2/1/2017	9E-05 (J)	
2/3/2017		0.0001 (J)
4/6/2017	<0.0005	
4/7/2017		<0.0005
6/13/2017	<0.0005	0.0002 (J)
7/14/2017	<0.0005	
10/3/2017	<0.0005	<0.0005
3/20/2018	<0.0005	<0.0005
9/18/2018	<0.0005	<0.0005
3/21/2019	<0.0005	
5/6/2019		<0.0005
9/13/2019	<0.0005	
9/16/2019		<0.0005
3/12/2020	<0.0005	
3/16/2020		<0.0005
9/16/2020	<0.0005	
9/17/2020		<0.0005
3/17/2021	<0.0005	
3/18/2021		<0.0005
8/10/2021	<0.0005	<0.0005
2/2/2022	<0.0005	<0.0005
Mean	0.0004772	0.0004682
Std. Dev.	9.664E-05	0.0001041
Upper Lim.	0.0005	0.0005
Lower Lim.	9E-05	0.0002

Confidence Interval

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/31/2016	36.4	45				
4/4/2016			21.3	27.9	8.63	36.9
5/26/2016	37.6	41.7	22.5	28.7		
5/27/2016					9.07	
5/31/2016						43.9
8/3/2016		35.2	17.5		6.82	
8/4/2016				18.6		45
8/5/2016	30.7					
9/28/2016	32.4	39.2	24.1	17.7		
9/29/2016						60.5
9/30/2016					8.8	
11/22/2016	31.4	37.2	15.7	20.2	8.08	
11/28/2016						54.7
2/7/2017	30.1	38.4				
2/8/2017			18.3	24.3		
2/9/2017						61
2/13/2017					8.51	
4/10/2017	23.6	38.7	18.5	29		
4/11/2017					7.5	
4/12/2017						52.3
6/14/2017	34.6	40.8			7.82	
6/15/2017			21	29		
6/16/2017						62.3
10/4/2017	35.2	40.1	9.4	23.9	8.32	
10/9/2017						58.6
3/20/2018	12 (J)					
3/21/2018		43.3	19.7 (J)			40.9
3/22/2018				27.5	7.5	
9/18/2018	36.7	45.4	17.6 (J)	26.3	8.2	
9/19/2018						45.9
3/22/2019	15.4 (J)	37.2				
3/23/2019			7.8	28.3	7.5	29.6
9/17/2019	36.7	40.5	16.8	27.6	7.8	
9/18/2019						40.7
3/12/2020	18.6	43.2	8	32.5	8.1	
3/13/2020						33
9/17/2020	32.6	39				
9/21/2020			17.7	26	8	
9/22/2020						43.1
3/18/2021	27	43.8				30.8
3/19/2021			19.7	31.3	7.8	
8/10/2021	29.4					
8/11/2021		44.3	9.1	33.2	8.4	28.4
2/2/2022					8.4	
2/4/2022	21.3	46.3	19.2	34.8		
2/17/2022						29.3
Mean	28.98	41.07	16.88	27.04	8.069	44.27
Std. Dev.	7.769	3.214	5.011	4.751	0.5471	11.71
Upper Lim.	33.78	43.02	20.02	29.92	8.4	51.36
Lower Lim.	25.55	39.13	14.71	24.17	7.738	37.19

Confidence Interval

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/16/2016					5.5	0.8 (D)
4/4/2016	26.5					
4/5/2016		35.7	37.7	12.2		
5/16/2016					4.3	0.877 (D)
5/31/2016			38.4	8.24		
6/1/2016	26.6	28.2				
7/25/2016					1.41	0.781 (D)
8/4/2016			28.6			
8/9/2016		43				
9/19/2016					1.01	0.775 (D)
9/29/2016			31.4			
11/3/2016					0.884	
11/4/2016						0.792 (D)
11/23/2016			62.5 (o)	24.5		
11/28/2016		24.8				
1/19/2017					1.41	
1/23/2017						0.782 (D)
2/9/2017		21.2				
2/10/2017			31.2	23.8		
2/22/2017	51.6					
3/28/2017					4.23	
3/29/2017						0.756 (D)
4/11/2017	45.2	21.1		25.7		
4/12/2017			34.1			
6/5/2017					10.1	
6/7/2017						0.944
6/14/2017		20.6				
6/15/2017			34.2	24.8		
6/16/2017	47.5					
7/12/2017	51.6	17.7		27.7		
7/26/2017				25.6		
7/28/2017	46					
8/10/2017	52.2					
9/26/2017					4.14	
9/27/2017						0.773
10/5/2017		20.1				
10/6/2017	42.2		35.4	24.7		
3/15/2018					9	0.77
3/22/2018		18.6 (J)				
3/23/2018	41.4		35.6	24.3 (J)		
9/12/2018					4.1	
9/13/2018						0.79
9/19/2018		20 (J)	35.7	23.7 (J)		
9/20/2018	47.5					
3/14/2019					17.2 (X)	0.9 (D)
3/22/2019	40.5	16.7 (J)		21.3 (J)		
3/25/2019			35.6			
9/11/2019					7.1	0.83 (D)
9/17/2019		11.4	39.5	22.1		
9/18/2019	42.9					
3/10/2020					16.9	0.89 (J)
3/13/2020		17	41	24.2		

Confidence Interval

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/17/2020	44.9					
9/11/2020						0.81 (J)
9/15/2020					8.3	
9/21/2020		13.1	36.5	22.6		
9/22/2020	47.7					
3/11/2021					11.9	0.93 (J)
3/18/2021		13	42.1	27.4		
3/19/2021	43					
8/4/2021					12.5	
8/6/2021						0.94 (J)
8/11/2021		14.3	38.6	25.4		
8/12/2021	43.1					
1/31/2022					11.2	
2/1/2022						1.1
2/4/2022	43.9	14.3	41.7			
2/7/2022				26.1		
Mean	43.57	20.6	36.31	23.02	7.288	0.8467
Std. Dev.	7.105	8.135	3.771	4.982	5.187	0.09013
Upper Lim.	47.79	24.67	38.67	25.61	10.43	0.93
Lower Lim.	40.79	15.74	33.95	22.23	4.15	0.775

Confidence Interval

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		50	26	25	12	
3/16/2016	36 (D)					
3/17/2016						24
5/16/2016	37.4 (D)					
5/17/2016		50.5			3.25	
5/18/2016			26.2	27.6		27.7
7/25/2016	30.2 (D)					
7/26/2016		40.7				
7/27/2016			19.3	23.9	3.2	21.7
9/19/2016	32.3 (D)					
9/20/2016		38.8	25.3	28.9	2.72	
9/21/2016						24.9
11/3/2016	29.3 (D)					
11/4/2016		40.7		32.1	1.69	23.6
11/7/2016			23.6			
1/20/2017	28.7 (D)	38.8		31.8		
1/23/2017			25.1		<0.5	
1/24/2017						23
3/28/2017		48.3			1.72	
3/29/2017	34.9 (D)		28.9	34.6		27.5
6/7/2017	30.9	43.4				
6/8/2017			25.6	34	3.11	27.1
9/27/2017	34.2		23.8	30.8		
9/29/2017		46.6			2.71	25.3
3/15/2018	34.6	46.2	21.6 (J)		3.5	24.4 (J)
3/16/2018				30.2		
9/13/2018	36.1	45.3	23.8 (J)	30.9	2.5	22.8 (J)
3/14/2019	37 (D)					
3/15/2019			20.4 (X)		4.4	
3/18/2019		46.1				31
3/19/2019				28.4		
9/11/2019	37.2 (D)	43.1		33.3	2.9	24.3
9/12/2019			21.1			
3/9/2020			22.3	35	4.5	
3/10/2020	43.5	51.6				
3/11/2020						27.1
9/11/2020	35.3					24.7
9/14/2020		40.2	20.9		3.5	
9/15/2020				31.6		
3/11/2021	43.1	45.2	21.1	31.8	5.9	
3/15/2021						24.7
8/4/2021					2.8	
8/5/2021		43.7	20.4	29		
8/6/2021	40.6					
8/11/2021						27.4
1/31/2022		39.9			2.8	
2/1/2022	43.9		21.3	29.4		26
Mean	35.84	44.39	23.15	30.46	3.525	25.4
Std. Dev.	4.682	4.053	2.611	3.042	2.434	2.25
Upper Lim.	38.68	46.85	24.73	32.3	4.4	26.76
Lower Lim.	33.01	41.94	21.57	28.62	2.5	24.04

Confidence Interval

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
3/17/2016	6.4					
3/28/2016		4.29				
3/29/2016			13.8	11.1		
3/30/2016						22.2
5/18/2016	4.63					
5/24/2016			14.8	12.6		25.2
5/25/2016		7.15				
5/31/2016					25.7	
7/28/2016	2.25					
8/1/2016		3.35				
8/2/2016					22.9	20.8
9/21/2016	1.86					
9/26/2016			13.3	11.8		
9/27/2016		2.89			22.2	23.1
11/7/2016	1.65					
11/11/2016		3.33				
11/14/2016				11.3		
11/18/2016			12.4			
11/21/2016					22.1	
11/22/2016						22.3
1/24/2017	1.62					
1/31/2017		3.21				
2/1/2017			13.3	12.6	21.7	
2/6/2017						21.4
3/30/2017	1.27					
4/3/2017		2.57				
4/6/2017			13.4	9.84	21.4	21.1
6/9/2017	1.18					
6/12/2017		6.22				
6/13/2017			14.6	13	24.4	
6/14/2017						22.1
7/14/2017					24.8	
9/29/2017	0.967					
10/3/2017		2.45	13.9	13.7	23.6	
10/4/2017						23.1
3/15/2018	0.81					
3/19/2018		3.3	14.4 (J)			
3/20/2018				11.5 (J)	22.9 (J)	
3/21/2018						22.5 (J)
9/14/2018	0.7					
9/17/2018		2	12.4 (J)	11 (J)		
9/18/2018					20.8 (J)	20.8 (J)
3/19/2019	1.1					
3/20/2019		2.7				
3/21/2019			14.9 (J)	8.3	25.2	
3/27/2019						20.6 (J)
9/11/2019	0.78					
9/13/2019					24.6	
9/16/2019		2.8	13.5	9.5		23
3/9/2020	0.87 (J)					
3/12/2020			16.2	9.3	26.4	21.8
3/16/2020		12.1				

Confidence Interval

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
9/14/2020	0.65 (J)					
9/16/2020		2.8	14.3	8.8	24.4	
9/17/2020						21.4
3/15/2021	0.69 (J)					
3/17/2021		3	14.1	9.5	23.9	22.4
8/5/2021	0.67 (J)					
8/9/2021		2.6				
8/10/2021			14.7	9.9	26.2	23.5
2/1/2022	0.62 (J)					
2/2/2022		3.7	15.5	10.5	26.9	23.9
Mean	1.595	3.914	14.09	10.84	23.89	22.29
Std. Dev.	1.531	2.422	1.009	1.567	1.818	1.212
Upper Lim.	1.86	4.29	14.72	11.82	24.99	23.02
Lower Lim.	0.69	2.6	13.46	9.856	22.79	21.56

Confidence Interval

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
3/22/2016	25.1	
3/30/2016		9.07
5/25/2016	23.7	
5/26/2016		15.8
8/2/2016	21.5	
8/5/2016		20.5
9/26/2016	21.4	
9/28/2016		24.9
11/21/2016	21	23.4
2/3/2017	20	
2/6/2017		1.7
4/6/2017		1.6
6/13/2017	21.5	3.82
10/3/2017	22.8	9.77
3/20/2018	20.3 (J)	1.4
9/18/2018	15.5 (J)	3.35 (D)
3/21/2019		4.8
5/6/2019	20 (J)	
9/16/2019	20.3	12
3/12/2020		1.8
3/16/2020	19.4	
9/17/2020	18.1	18.3
3/18/2021	9.6	1.9
8/10/2021	20	1.9
2/2/2022	20.8	2.2
Mean	20.06	8.789
Std. Dev.	3.429	8.314
Upper Lim.	22.11	18.3
Lower Lim.	18.39	1.8

Confidence Interval

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/31/2016	2.72	2.79				
4/4/2016			1.42	1.67	1.03	3.55
5/26/2016	2.63	2.87	1.37	1.64		
5/27/2016					0.9684	
5/31/2016						3.55
8/3/2016		3.2	1.4		1.3	
8/4/2016				1.7		4.4
8/5/2016	3					
9/28/2016	2.5	3	1.2	1.4		
9/29/2016						4
9/30/2016					1.2	
11/22/2016	2.6	3.1	1.6	1.9	1.2	
11/28/2016						4
2/7/2017	2.3	3				
2/8/2017			1.4	1.7		
2/9/2017						7.5
2/13/2017					0.96	
4/10/2017	1.9	2.3	1.3	1.8		
4/11/2017					1.2	
4/12/2017						5.3
6/14/2017	1.9	2			0.89	
6/15/2017			1.2	1.5		
6/16/2017						5.4
10/4/2017	2	2.1	1.3	1.6	1	
10/9/2017						6.2
3/20/2018	2.2					
3/21/2018		2.5	1.6			4.6
3/22/2018				2	<1	
9/18/2018	2.4	2.5	1.5	1.9	1.3	
9/19/2018						5.1
3/22/2019	2.2	2.8				
3/23/2019			1.2	1.7	0.88	3.5
9/17/2019	2.4	2.8	1.1	1.4	0.835 (JD)	
9/18/2019						4
3/12/2020	2.3	3	1	1.5	0.84 (J)	
3/13/2020						3.3
9/17/2020	2.5	2.9				
9/21/2020			1	1.3	0.71 (J)	
9/22/2020						3.5
3/18/2021	2.1	2.5				3.4
3/19/2021			1.1	1.4	0.79 (J)	
8/10/2021	1.9					
8/11/2021		2.1	0.9 (J)	1.3	0.72 (J)	2.9
2/2/2022					0.79 (J)	
2/4/2022	1.9	2.2	1.1	1.4		
2/17/2022						3.1
Mean	2.303	2.648	1.261	1.601	0.9507	4.294
Std. Dev.	0.3213	0.381	0.206	0.2137	0.2223	1.205
Upper Lim.	2.497	2.878	1.385	1.73	1.085	4.935
Lower Lim.	2.108	2.417	1.136	1.471	0.8163	3.566

Confidence Interval

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/16/2016					6.505	0.9445 (D)
4/4/2016	3.3					
4/5/2016		1.93	2.08	0.9439		
5/16/2016					5.08	0.9104 (D)
5/31/2016			1.51	1		
6/1/2016	3.18	1.93				
7/25/2016					1.2	1.2 (D)
8/4/2016			1.7			
8/9/2016		2.4				
9/19/2016					1.9	1.1 (D)
9/29/2016			1.5			
11/3/2016					2	
11/4/2016						1 (D)
11/23/2016			1.9	1.7		
11/28/2016		3				
1/19/2017					2.6	
1/23/2017						1.2 (D)
2/9/2017		3				
2/10/2017			1.5	1.6		
2/22/2017	7.2					
3/28/2017					5.7	
3/29/2017						1.1 (D)
4/11/2017	5.5	4.5		1.5		
4/12/2017			1.7			
6/5/2017					7.8	
6/7/2017						1
6/14/2017		3				
6/15/2017			1.4	1		
6/16/2017	8.7					
7/12/2017	7.5	3.9		1.8		
7/20/2017					7.4	
7/26/2017				1.2		
7/28/2017	6.6					
8/10/2017	8.5					
9/26/2017					3.7	
9/27/2017						1.1
10/5/2017		2.7				
10/6/2017	8.9		1.6	1.7		
3/15/2018					6.5	<1
3/22/2018		3.4				
3/23/2018	8.3		1.5	<1		
9/12/2018					3.6	
9/13/2018						0.93
9/19/2018		2.8	1.7	1.1		
9/20/2018	9.6					
3/14/2019					6.4	<1 (D)
3/22/2019	7.4	3.7		1.2		
3/25/2019			1.9			
9/11/2019					3.7	0.81 (D)
9/17/2019		3.8	2	0.78 (X)		
9/18/2019	7.6					
3/10/2020					5.9	0.8 (J)

Confidence Interval

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/13/2020		4.2	1.6	0.7 (J)		
3/17/2020	7.7					
9/11/2020						0.79 (J)
9/15/2020					4.2	
9/21/2020		3.5	1.6	0.64 (J)		
9/22/2020	7					
3/11/2021					5.5	0.83 (J)
3/18/2021		4	1.7	0.67 (J)		
3/19/2021	7.4					
8/4/2021					4.9	
8/6/2021						0.86 (J)
8/11/2021		3.4	1.2	<1		
8/12/2021	5.8					
1/31/2022					4.2	
2/1/2022						0.79 (J)
2/4/2022	6.1	3.6	1.2			
2/7/2022				0.6 (J)		
Mean	7.016	3.264	1.627	1.063	4.673	0.9092
Std. Dev.	1.742	0.7309	0.2419	0.4398	1.901	0.2015
Upper Lim.	8.07	3.707	1.774	1.329	5.786	1.031
Lower Lim.	5.961	2.822	1.481	0.7969	3.56	0.7872

Confidence Interval

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		1.9859	2.2206	2.5934	2.4266	
3/16/2016	3.0774 (D)					
3/17/2016						1.4476
5/16/2016	3 (D)					
5/17/2016		2.37			2.01	
5/18/2016			2.42	2.51		1.43
7/25/2016	3 (D)					
7/26/2016		2.4				
7/27/2016			2.4	2.5	2.3	1.6
9/19/2016	3 (D)					
9/20/2016		2.4	2.4	2.4	2.2	
9/21/2016						1.6
11/3/2016	3 (D)					
11/4/2016		2.8		2.9	3	1.6
11/7/2016			2.8			
1/20/2017	3.3 (D)	2.2		2.7		
1/23/2017			2.4		2.5	
1/24/2017						1.7
3/28/2017		2.3			2.2	
3/29/2017	3.2 (D)		2.8	2.3		1.6
6/7/2017	3.1	2.3				
6/8/2017			2.5	2.3	2.3	1.6
9/27/2017	3.2		2.4	2.4		
9/29/2017		2.1			2.5	1.7
3/15/2018	3.3	2	2.7		2.6	1.6
3/16/2018				2.7		
9/13/2018	2.9	1.9	2.6	2.5	2.8	1.3
3/14/2019	4.3 (D)					
3/15/2019			2.8		3.3	
3/18/2019		1.8				2.7
3/19/2019				2.6		
9/11/2019	2.9 (D)	1.4		2.1	3.3	1.4
9/12/2019			2.3			
3/9/2020			2.3	2.3	3.4	
3/10/2020	4.4	1.2				
3/11/2020						1.4
9/11/2020	3.1					1.2
9/14/2020		1.1	2.2		4	
9/15/2020				2.2		
3/11/2021	4	1.1	2.3	2.4	4.5	
3/15/2021						1.2
8/4/2021					5	
8/5/2021		1.2	2.2	2.3		
8/6/2021	3.8					
8/11/2021						1.1
1/31/2022		1.7			4.8	
2/1/2022	4.3		2	2.3		1.1
Mean	3.382	1.903	2.43	2.445	3.063	1.515
Std. Dev.	0.5235	0.5178	0.2309	0.2005	0.9402	0.3551
Upper Lim.	4	2.216	2.57	2.566	3.541	1.7
Lower Lim.	3	1.59	2.29	2.323	2.483	1.2

Confidence Interval

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
3/17/2016	1.0624					
3/28/2016		0.8659				
3/29/2016			1.3977	1.6645		
3/30/2016						0.9409
5/18/2016	1.41					
5/24/2016			1.33	1.58		0.92
5/25/2016		0.8639				
5/31/2016					1.33	
7/28/2016	1.4					
8/1/2016		0.93	1.2	1.4		
8/2/2016					1.5	1.2
9/21/2016	1.2					
9/26/2016			1.1	1.4		
9/27/2016		0.8			1.4	1.1
11/7/2016	1.4					
11/11/2016		0.95				
11/14/2016				1.6		
11/18/2016			1.2			
11/21/2016					1.5	
11/22/2016						1.2
1/24/2017	<1 (*)					
1/31/2017		0.99				
2/1/2017			1.3	1.4	1.5	
2/6/2017						1.1
3/30/2017	1.2					
4/3/2017		0.93				
4/6/2017			1.1	1.5	1.2	1.2
6/9/2017	1.1					
6/12/2017		0.91				
6/13/2017			1.2	1.3	0.98	
6/14/2017						0.92
7/14/2017					1.1	
9/29/2017	1.2					
10/3/2017		0.95	1.2	1.3	1	
10/4/2017						1
3/15/2018	1.4					
3/19/2018		0.82	1.2			
3/20/2018				1.7	1.5	
3/21/2018						1.3
9/14/2018	1.1					
9/17/2018		0.9	1.1	1.3		
9/18/2018					1.3	1.2
3/19/2019	<1					
3/20/2019		<1				
3/21/2019			<1	<1	<1	
3/27/2019						0.9
9/11/2019	1					
9/13/2019					1	
9/16/2019		0.73 (J)	1.1	1.2		0.75 (JD)
3/9/2020	1					
3/12/2020			1.3	1.3	0.72 (J)	0.93 (J)
3/16/2020		0.67 (J)				

Confidence Interval

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
9/14/2020	0.98 (J)					
9/16/2020		0.7 (J)	1.2	1.2	0.79 (J)	
9/17/2020						0.77 (J)
3/15/2021	0.98 (J)					
3/17/2021		0.69 (J)	1.2	1.4	0.79 (J)	0.78 (J)
8/5/2021	1					
8/9/2021		0.74 (J)				
8/10/2021			1	1.1	0.68 (J)	0.68 (J)
2/1/2022	0.93 (J)					
2/2/2022		0.66 (J)	1.1	1.3	0.76 (J)	0.77 (J)
Mean	1.076	0.8111	1.152	1.341	1.086	0.9812
Std. Dev.	0.2651	0.133	0.19	0.2668	0.3301	0.19
Upper Lim.	1.241	0.8916	1.255	1.497	1.286	1.096
Lower Lim.	0.952	0.7306	1.087	1.222	0.8864	0.8662

Confidence Interval

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
3/22/2016	1.4231	
3/30/2016		2.21
5/25/2016	1.11	
5/26/2016		2.1
8/2/2016	1.5	
8/5/2016		2.4
9/26/2016	1.6	
9/28/2016		2.1
11/21/2016	1.5	2.2
2/3/2017	1.8	
2/6/2017		2.5
4/6/2017		2.2
4/7/2017	1.5	
6/13/2017	1.3	2
10/3/2017	1.4	2
3/20/2018	1.8	2.4
9/18/2018	1.9	2.4 (D)
3/21/2019		2
5/6/2019	1.1	
9/16/2019	1.4	1.9
3/12/2020		1.9
3/16/2020	1.3	
9/17/2020	1.4	1.9
3/18/2021	1.6	2.2
8/10/2021	1.2	1.8
2/2/2022	1.4	2.1
Mean	1.457	2.128
Std. Dev.	0.2243	0.2026
Upper Lim.	1.593	2.251
Lower Lim.	1.322	2.006

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007	0.0015	0.036 (O)	<0.005	0.037	0.0013	0.0019
11/1/2007	0.011	0.01	<0.005	0.04	<0.005	0.01
11/18/2007			<0.005	0.045		
11/19/2007					0.0056	0.021
11/20/2007	0.042 (o)	0.0039				
1/16/2008					0.039 (o)	
1/30/2008	0.034	0.019 (O)	<0.005	0.041		
1/31/2008						0.035
3/5/2008			<0.005		0.03	0.012
3/6/2008	0.027	<0.005		0.042		
5/7/2008			0.025 (o)	0.029		
5/8/2008		0.01				
5/12/2008	0.015					0.02
5/13/2008					0.0057	
12/13/2008	0.0036				<0.005	0.014
12/14/2008		0.0038	0.0021	0.032		
4/16/2009					<0.005	
4/28/2009						0.0079
4/29/2009	<0.005	<0.005	0.011	0.017		
10/20/2009	<0.005					
10/21/2009		<0.005			0.0015	0.0092
10/22/2009			0.01	0.022		
4/21/2010		<0.005	0.0053	0.021		
4/26/2010	<0.005					
4/27/2010					0.0036	
4/28/2010						0.0086
9/28/2010		<0.005	0.0076			
9/29/2010	0.0034			0.024		
10/5/2010					<0.005	0.0085
4/12/2011		<0.005	0.0095			
4/13/2011	<0.005			0.014		
4/19/2011					0.003	0.0089
10/4/2011		0.0019	0.0091	0.017		
10/5/2011	0.0032					
10/12/2011					<0.005	
10/18/2011						0.0093
4/3/2012		<0.005	0.0076			
4/4/2012	<0.005			0.014		
4/24/2012					<0.005	
4/25/2012						0.0075
10/2/2012					<0.005	0.017
10/3/2012	0.0047		0.0039	0.0033		
10/8/2012		<0.005				
4/2/2013					0.0018	0.0097
4/3/2013	0.0014	<0.005	<0.005	0.017		
10/8/2013						0.011
10/9/2013			0.0089	0.015	<0.005	
10/15/2013	0.002	<0.005				
4/1/2014					<0.005	0.0074
4/2/2014			<0.005	0.014		
4/9/2014	<0.005	<0.005				
10/1/2014						0.0049

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/2/2014	<0.005	<0.005	<0.005	0.0048	<0.005	
4/1/2015			0.0062	0.0084	<0.005	0.0072
4/2/2015	<0.005	<0.005				
10/10/2015	0.0013					
10/11/2015			<0.005	0.019		
10/12/2015		<0.005				
10/14/2015					<0.005	
10/15/2015						0.0077
3/31/2016	<0.005	<0.005				
4/4/2016			0.00656 (J)	0.00728 (J)	<0.005	0.00615 (J)
5/26/2016	<0.005	<0.005	0.00752 (J)	0.00553 (J)		
5/27/2016					<0.005	
5/31/2016						0.00588 (J)
8/3/2016		<0.005	0.0067 (J)		<0.005	
8/4/2016				0.0071 (J)		0.0056 (J)
8/5/2016	<0.005					
9/28/2016	<0.005	<0.005	0.0082 (J)	0.0093 (J)		
9/29/2016						0.0065 (J)
9/30/2016					<0.005	
11/22/2016	0.0024 (J)	<0.005	0.0045 (J)	0.0058 (J)	<0.005	
11/28/2016						0.0064 (J)
2/7/2017	0.0015 (J)	0.0019 (J)				
2/8/2017			0.0101	0.0072 (J)		
2/9/2017						0.0078 (J)
2/13/2017					<0.005	
4/10/2017	<0.005	<0.005	0.0094 (J)	<0.005		
4/11/2017					<0.005	
4/12/2017						0.0077 (J)
6/14/2017	0.0006 (J)	<0.005			<0.005	
6/15/2017			0.009 (J)	0.0066 (J)		
6/16/2017						0.0072 (J)
10/4/2017	0.0027 (J)	<0.005	0.0008 (J)	0.0079 (J)	<0.005	
10/9/2017						0.0079 (J)
3/20/2018	<0.005					
3/21/2018		<0.005	0.0079 (J)			0.0055 (J)
3/22/2018				0.0062 (J)	<0.005	
9/18/2018	<0.005	<0.005	0.0081 (J)	0.0062 (J)	<0.005	
9/19/2018						0.0059 (J)
3/22/2019	<0.005	<0.005				
3/23/2019			<0.005	0.0048 (J)	<0.005	0.0058 (J)
9/17/2019	0.0009 (J)	0.00067 (J)	0.0079 (J)	0.0042 (J)	0.0033 (D)	
9/18/2019						0.0063 (J)
3/12/2020	0.00047 (J)	<0.005	0.00084 (J)	0.0042 (J)	<0.005	
3/13/2020						0.0054 (J)
9/17/2020	0.0011 (J)	<0.005				
9/21/2020			0.0081 (J)	0.0056 (J)	<0.005	
9/22/2020						0.0062 (J)
3/18/2021	0.00068 (J)	0.002 (J)				0.0058
3/19/2021			0.0073	0.0079	<0.005	
8/10/2021	<0.005					
8/11/2021		<0.005	<0.005	0.0042 (J)	<0.005	0.0074
2/2/2022					<0.005	

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
2/4/2022	<0.005	<0.005	0.0071	0.0042 (J)		
2/17/2022						0.0053
Mean	0.005486	0.004842	0.006479	0.01502	0.005284	0.009062
Std. Dev.	0.006622	0.001656	0.002433	0.01241	0.004248	0.005758
Upper Lim.	0.005	0.005	0.006685	0.017	0.005	0.0089
Lower Lim.	0.0027	0.0039	0.004154	0.0062	0.0036	0.0062

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
8/21/2007	<0.005					
8/23/2007			0.014			
8/24/2007		0.083 (O)		0.061 (O)		
11/1/2007	0.0042					
11/2/2007		0.0071	0.0036	0.078 (O)		
11/17/2007		0.012	0.031 (O)			
11/18/2007				0.085 (O)		
11/19/2007	0.0049					
1/15/2008		0.043 (o)	0.011	0.079 (O)		
1/31/2008	<0.005					
3/5/2008	<0.005	0.0044				
3/6/2008			0.0027			
3/10/2008				0.062 (O)		
5/7/2008	<0.005	0.0084	0.008			
5/13/2008				0.044 (O)		
12/2/2008		0.0056	0.0059	0.027		
12/12/2008	0.019 (O)					
4/16/2009		0.0042				
4/28/2009			<0.005	0.016		
4/29/2009	0.002					
10/19/2009			<0.005			
10/20/2009		0.0037		0.018		
10/21/2009	0.002					
4/20/2010		<0.005				
4/27/2010			<0.005	0.012		
4/28/2010	0.0049					
9/29/2010		0.0028				
10/4/2010			0.0013			
10/5/2010				0.0067		
10/6/2010	<0.005					
4/12/2011		<0.005				
4/18/2011			<0.005			
4/19/2011				0.0081		
4/20/2011	<0.005					
10/4/2011		0.0015				
10/12/2011	<0.005		0.0014	<0.005		
4/4/2012		<0.005				
4/23/2012			<0.005			
4/25/2012	<0.005			<0.005		
10/2/2012	0.0015					
10/10/2012		0.0029	<0.005	<0.005		
4/2/2013	0.0017					
4/15/2013		0.0036	0.0021			
4/16/2013				0.0029		
10/8/2013	<0.005					
10/22/2013		0.0048	<0.005	<0.005		
4/1/2014	<0.005					
4/21/2014		0.0043	0.0013 (J)	<0.005		
9/30/2014		0.0037	<0.005	<0.005		
10/1/2014	<0.005					
3/31/2015	<0.005					
4/3/2015		0.016	<0.005	<0.005		

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
10/6/2015				<0.005		
10/7/2015		0.0092	<0.005			
10/14/2015	<0.005					
3/16/2016					<0.005	<0.005 (D)
4/4/2016	<0.005 (D)					
4/5/2016		0.019 (J)	<0.005	<0.005		
5/16/2016					<0.005	<0.005 (D)
5/31/2016			<0.005	<0.005		
6/1/2016	<0.005 (D)	0.006 (J)				
7/25/2016					<0.005	<0.005 (D)
8/4/2016			<0.005			
8/9/2016		0.0061 (JD)				
9/19/2016					<0.005	<0.005 (D)
9/29/2016			<0.005			
11/3/2016					<0.005	
11/4/2016						<0.005 (D)
11/23/2016			<0.005	<0.005		
11/28/2016		<0.005				
1/19/2017					<0.005	
1/23/2017						<0.005 (D)
2/9/2017		<0.005				
2/10/2017			<0.005	<0.005		
2/22/2017	0.0012 (J)					
3/28/2017					<0.005	
3/29/2017						<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005		
4/12/2017			<0.005			
6/5/2017					<0.005	
6/7/2017						<0.005
6/14/2017		0.0006 (J)				
6/15/2017			0.0005 (J)	0.0005 (J)		
6/16/2017	<0.005					
7/12/2017	<0.005	0.0005 (J)		0.0008 (J)		
7/26/2017				0.0006 (J)		
7/28/2017	<0.005					
8/10/2017	<0.005					
9/26/2017					<0.005	
9/27/2017						<0.005
10/5/2017		0.0006 (J)				
10/6/2017	<0.005		<0.005	0.0008 (J)		
3/15/2018					<0.005	<0.005
3/22/2018		<0.005				
3/23/2018	<0.005		<0.005	<0.005		
9/12/2018					<0.005	
9/13/2018						<0.005
9/19/2018		<0.005	<0.005	<0.005		
9/20/2018	<0.005					
3/14/2019					<0.005	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005		
3/25/2019			<0.005			
9/11/2019					<0.005	<0.005 (D)
9/17/2019		0.00046 (X)	0.00044 (J)	0.00064 (X)		

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
9/18/2019	<0.005					
3/10/2020					0.00074 (J)	0.0007 (J)
3/13/2020		0.00093 (J)	0.0011 (J)	0.0012 (J)		
3/17/2020	0.002 (J)					
9/11/2020						<0.005
9/15/2020					<0.005	
9/21/2020		<0.005	0.0016 (J)	0.00089 (J)		
9/22/2020	<0.005					
3/11/2021					<0.005	<0.005
3/18/2021		0.0023 (J)	0.00089 (J)	0.00078 (J)		
3/19/2021	<0.005					
8/4/2021					<0.005	
8/6/2021						<0.005
8/11/2021		<0.005	<0.005	<0.005		
8/12/2021	<0.005					
1/31/2022					<0.005	
2/1/2022						<0.005
2/4/2022	<0.005	<0.005	<0.005			
2/7/2022				0.0011 (J)		
Mean	0.004458	0.005154	0.004496	0.005546	0.004763	0.004761
Std. Dev.	0.001209	0.003848	0.00264	0.005557	0.001004	0.001014
Upper Lim.	0.005	0.0056	0.005	0.0067	0.005	0.005
Lower Lim.	0.0049	0.0037	0.0036	0.0029	0.00074	0.0007

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		<0.005	0.0439 (O)	0.00136 (J)	0.000148 (J)	
3/16/2016	<0.005 (D)					
3/17/2016						<0.005
5/16/2016	<0.005 (D)					
5/17/2016		<0.005			<0.005	
5/18/2016			0.00248 (J)	0.00606 (JO)		<0.005
7/25/2016	<0.005 (D)					
7/26/2016		0.0017 (J)				
7/27/2016			0.0021 (J)	0.0023 (J)	0.0017 (J)	0.0006 (J)
9/19/2016	<0.005 (D)					
9/20/2016		0.0015 (J)	0.002 (J)	0.0021 (J)	0.0024 (J)	
9/21/2016						0.0011 (J)
11/3/2016	<0.005 (D)					
11/4/2016		0.0016 (J)		0.0016 (J)	0.0013 (J)	<0.005
11/7/2016			0.0023 (J)			
1/20/2017	<0.005 (D)	0.0018 (J)		0.0016 (J)		
1/23/2017			0.0011 (J)		<0.005	
1/24/2017						<0.005
3/28/2017		<0.005 (*)			<0.005 (*)	
3/29/2017	<0.005 (D)		0.0012 (J)	0.001 (J)		0.0004 (J)
6/7/2017	0.0004 (J)	0.0018 (J)				
6/8/2017			0.0015 (J)	0.0024 (J)	0.0016 (J)	0.0005 (J)
9/27/2017	<0.005		0.0021 (J)	0.0021 (J)		
9/29/2017		0.0033 (J)			0.002 (J)	0.0005 (J)
3/15/2018	<0.005	0.0021 (J)	0.0023 (J)		<0.005	<0.005
3/16/2018				0.003 (J)		
9/13/2018	<0.005	0.0041 (J)	<0.005	0.0017 (J)	<0.005	<0.005
3/14/2019	<0.005 (D)					
3/15/2019			<0.005		0.0023 (J)	
3/18/2019		0.0022 (J)				<0.005
3/19/2019				0.018		
9/11/2019	<0.005 (D)	0.0038 (J)		0.0015 (J)	0.00165 (JD)	0.00063 (J)
9/12/2019			0.0014 (J)			
3/9/2020			0.0012 (J)	0.0023 (J)	0.0023 (J)	
3/10/2020	0.00092 (J)	0.0035 (J)				
3/11/2020						0.0012 (J)
9/11/2020	0.00067 (J)					<0.005
9/14/2020		0.006 (J)	0.0022 (J)		0.0024 (J)	
9/15/2020				0.0017 (J)		
3/11/2021	<0.005	0.0059	0.0013 (J)	0.0019 (J)	0.0021 (J)	
3/15/2021						0.00076 (J)
5/26/2021		0.0052				
8/4/2021					0.0018 (J)	
8/5/2021		0.0057	0.0014 (J)	0.0022 (J)		
8/6/2021	<0.005					
8/11/2021						<0.005
1/31/2022		0.0051			0.002 (J)	
2/1/2022	<0.005		0.0015 (J)	0.0022 (J)		<0.005
Mean	0.004277	0.0037	0.002122	0.00288	0.002705	0.003094
Std. Dev.	0.001665	0.001651	0.001173	0.003925	0.001551	0.002201
Upper Lim.	0.005	0.0052	0.00248	0.0024	0.005	0.005
Lower Lim.	0.00092	0.0018	0.0013	0.0015	0.00165	0.0006

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
8/22/2007			<0.005			
8/23/2007		0.0076				
10/25/2007		0.015	0.002			
11/19/2007		0.013				
11/20/2007			0.017			
1/23/2008		0.032	0.064 (O)			
3/11/2008		0.024	0.013			
5/12/2008		0.016				
5/14/2008			0.027			
12/11/2008		0.013	<0.005			
4/15/2009		0.0073				
4/23/2009			<0.005			
10/9/2009		0.0037	0.0014			
5/4/2010		<0.005	<0.005			
10/11/2010			0.0027			
10/12/2010		0.0023				
4/26/2011			0.0015			
4/28/2011		0.002				
10/18/2011			<0.005			<0.005
10/19/2011		0.0015				
4/30/2012						<0.005
5/2/2012		<0.005	<0.005			
10/3/2012						<0.005
10/8/2012			<0.005			
10/9/2012		<0.005				
4/8/2013						<0.005
4/10/2013			0.0013			
4/11/2013		0.0015				
10/8/2013			0.0017			
10/9/2013						0.0019
10/16/2013		<0.005				
4/10/2014						0.0034
4/14/2014			0.004			
4/23/2014		0.0013 (J)				
10/2/2014						0.0056
10/3/2014		<0.005	0.0017			
3/31/2015		<0.005				
4/1/2015			0.0027			
4/3/2015						0.0022
5/26/2015				0.0015		
6/18/2015				0.0013 (D)		
7/2/2015				0.0014		
10/8/2015						0.0033
10/9/2015			0.0016	0.0015		
10/12/2015		<0.005				
3/17/2016	0.017 (J)					
3/28/2016		<0.005				
3/29/2016			0.00738 (J)	<0.005		
3/30/2016						0.0228 (O)
5/18/2016	<0.005					
5/24/2016			0.00263 (J)	<0.005		<0.005
5/25/2016		<0.005				

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
5/31/2016					<0.005	
7/28/2016	0.0014 (J)					
8/1/2016		<0.005	<0.005	<0.005		
8/2/2016					<0.005	<0.005
9/21/2016	0.0009 (J)					
9/26/2016			0.0014 (J)	0.002 (J)		
9/27/2016		<0.005			<0.005	<0.005
11/7/2016	<0.005					
11/11/2016		<0.005				
11/14/2016				<0.005		
11/18/2016			<0.005			
11/21/2016					<0.005	
11/22/2016						<0.005
1/24/2017	<0.005					
1/31/2017		<0.005				
2/1/2017			0.0024 (J)	0.0017 (J)	<0.005	
2/6/2017						<0.005
3/30/2017	<0.005					
4/3/2017		<0.005				
4/6/2017			<0.005	<0.005	<0.005	<0.005
6/9/2017	<0.005					
6/12/2017		0.0005 (J)				
6/13/2017			0.0031 (J)	0.0015 (J)	<0.005	
6/14/2017						0.0009 (J)
7/14/2017					<0.005	
9/29/2017	<0.005					
10/3/2017		<0.005	0.0025 (J)	0.0018 (J)	<0.005	
10/4/2017						<0.005
3/15/2018	<0.005					
3/19/2018		<0.005	0.0035 (J)			
3/20/2018				0.0017 (J)	<0.005	
3/21/2018						<0.005
9/14/2018	<0.005					
9/17/2018		<0.005	0.0024 (J)	0.002 (J)		
9/18/2018					<0.005	<0.005
3/19/2019	0.0017 (J)					
3/20/2019		<0.005				
3/21/2019			0.0029 (J)	0.0025 (J)	<0.005	
3/27/2019						0.0021 (J)
9/11/2019	0.002 (J)					
9/13/2019					<0.005	
9/16/2019		<0.005	0.002 (J)	0.002 (J)		0.000465 (JD)
3/9/2020	0.00096 (J)					
3/12/2020			0.0034 (J)	0.0028 (J)	0.0014 (J)	0.0031 (J)
3/16/2020		0.00078 (J)				
9/14/2020	<0.005					
9/16/2020		<0.005	0.0022 (J)	0.0023 (J)	<0.005	
9/17/2020						0.00086 (J)
3/15/2021	<0.005					
3/17/2021		0.00069 (J)	0.0027 (J)	0.0021 (J)	<0.005	0.00079 (J)
8/5/2021	<0.005					
8/9/2021		<0.005				

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
8/10/2021			0.0027 (J)	0.0021 (J)	<0.005	0.0014 (J)
2/1/2022	<0.005					
2/2/2022		<0.005	0.0026 (J)	0.0024 (J)	<0.005	0.0015 (J)
Mean	0.004664	0.006466	0.004511	0.002618	0.0048	0.003558
Std. Dev.	0.003498	0.006241	0.004837	0.001373	0.0008485	0.001774
Upper Lim.	0.017	0.0073	0.005	0.0028	0.005	0.005
Lower Lim.	0.0017	0.0037	0.0024	0.0017	0.0014	0.0019

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
8/23/2007		<0.005
11/1/2007		0.0061
11/19/2007		0.018 (J)
1/15/2008		0.078 (O)
3/6/2008		0.054 (O)
5/13/2008		0.0085
12/12/2008		0.0023
4/16/2009		<0.005
10/13/2009		<0.005
4/21/2010		<0.005
9/29/2010		<0.005
4/13/2011		<0.005
10/5/2011		<0.005
4/4/2012		<0.005
10/8/2012		<0.005
4/8/2013		<0.005
10/9/2013		0.0013
4/9/2014		<0.005
9/30/2014		<0.005
4/2/2015		<0.005
5/26/2015	<0.005	
6/18/2015	0.0024 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
10/10/2015		0.000825 (D)
3/22/2016	0.048 (O)	
3/30/2016		<0.005
5/25/2016	0.00441 (J)	
5/26/2016		<0.005
8/2/2016	<0.005	
8/5/2016		<0.005
9/26/2016	0.002 (J)	
9/28/2016		<0.005
11/21/2016	0.0017 (J)	<0.005
2/3/2017	0.0018 (J)	
2/6/2017		<0.005
4/6/2017		<0.005
4/7/2017	<0.005	
6/13/2017	0.0019 (J)	<0.005
10/3/2017	0.0022 (J)	<0.005
3/20/2018	0.0017 (J)	<0.005
9/18/2018	<0.005	<0.005 (D)
3/21/2019		<0.005
5/6/2019	0.0048 (J)	
9/16/2019	0.002 (J)	<0.005
3/12/2020		0.00045 (J)
3/16/2020	0.0015 (J)	
9/17/2020	0.0017 (J)	<0.005
3/18/2021	0.0015 (J)	<0.005
8/10/2021	0.0019 (J)	<0.005
2/2/2022	0.0021 (J)	<0.005
Mean	0.003029	0.005067

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
Std. Dev.	0.001524	0.00259
Upper Lim.	0.005	0.005
Lower Lim.	0.0018	0.0023

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ
8/21/2007	<0.005	0.0031	<0.005	<0.005	0.01	<0.005
11/1/2007	<0.005	0.0034	<0.005	0.0041	<0.005	<0.005
11/18/2007		0.0045	<0.005			
11/19/2007				0.0055	<0.005	<0.005
11/20/2007	0.0046					
1/16/2008				0.008		
1/30/2008	0.0079	0.0027	<0.005			
1/31/2008					0.0037	<0.005
3/5/2008		<0.005		0.98 (O)	<0.005	<0.005
3/6/2008	0.0037		0.11 (O)			
5/7/2008		<0.005	<0.005			<0.005
5/12/2008	<0.005				<0.005	
5/13/2008				0.01		
12/12/2008						0.0079
12/13/2008	0.013			0.0073	0.011	
12/14/2008		<0.005	<0.005			
4/16/2009				0.0033		
4/28/2009					<0.005	
4/29/2009	<0.005	<0.005	<0.005			<0.005
10/20/2009	<0.005					
10/21/2009				0.0039	<0.005	<0.005
10/22/2009		<0.005	<0.005			
4/21/2010		<0.005	<0.005			
4/26/2010	<0.005					
4/27/2010				0.0044		
4/28/2010					<0.005	<0.005
9/28/2010		<0.005				
9/29/2010	<0.005		<0.005			
10/5/2010				0.005	<0.005	
10/6/2010						<0.005
4/12/2011		<0.005				
4/13/2011	<0.005		<0.005			
4/19/2011				0.0039	<0.005	
4/20/2011						<0.005
10/4/2011		<0.005	<0.005			
10/5/2011	<0.005					
10/12/2011				0.0032		<0.005
10/18/2011					<0.005	
4/3/2012		<0.005				
4/4/2012	<0.005		<0.005			
4/24/2012				<0.005		
4/25/2012					<0.005	<0.005
10/2/2012				<0.005	<0.005	<0.005
10/3/2012	0.0018	0.0037	<0.005			
4/2/2013				0.0038	<0.005	<0.005
4/3/2013	0.0014	<0.005	<0.005			
10/8/2013					<0.005	<0.005
10/9/2013		<0.005	<0.005	0.003		
10/15/2013	0.0018					
4/1/2014				0.0027	<0.005	<0.005
4/2/2014		0.0036	<0.005			
4/9/2014	0.0013 (J)					

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ
10/1/2014					<0.005	<0.005
10/2/2014	<0.005	0.016	<0.005	0.0027		
3/31/2015						<0.005
4/1/2015		<0.005	0.0026	0.0028	<0.005	
4/2/2015	<0.005					
10/10/2015	<0.005					
10/11/2015		<0.005	0.00065 (J)			
10/14/2015				0.003		<0.005
10/15/2015					0.00051 (J)	
3/31/2016	<0.005					
4/4/2016		<0.005	<0.005	0.00351 (J)	<0.005	<0.005
5/26/2016	<0.005	<0.005	<0.005			
5/27/2016				0.00332 (J)		
5/31/2016					<0.005	
6/1/2016						<0.005
8/3/2016		<0.005		0.003 (J)		
8/4/2016			<0.005		<0.005	
8/5/2016	<0.005					
9/28/2016	<0.005	<0.005	<0.005			
9/29/2016					<0.005	
9/30/2016				0.0035 (J)		
11/22/2016	0.0006 (J)	<0.005	<0.005	0.0027 (J)		
11/28/2016					<0.005	
2/7/2017	0.0017 (J)					
2/8/2017		<0.005	<0.005			
2/9/2017					<0.005	
2/13/2017				0.003 (J)		
2/22/2017						<0.005
4/10/2017	<0.005	<0.005	<0.005			
4/11/2017				0.0031 (J)		<0.005
4/12/2017					<0.005	
6/14/2017	<0.005			0.0031 (J)		
6/15/2017		<0.005	<0.005			
6/16/2017					<0.005	<0.005
7/12/2017						<0.005
7/28/2017						<0.005
8/10/2017						<0.005
10/4/2017	<0.005	<0.005	<0.005	0.0032 (J)		
10/6/2017						<0.005
10/9/2017					<0.005	
3/20/2018	0.0021 (J)					
3/21/2018		<0.005			<0.005	
3/22/2018			<0.005	0.0033 (J)		
3/23/2018						<0.005
9/18/2018	<0.005	<0.005	<0.005	0.0031 (J)		
9/19/2018					<0.005	
9/20/2018						<0.005
3/22/2019	0.0011 (J)					<0.005
3/23/2019		<0.005	<0.005	0.0032 (J)	<0.005	
9/17/2019	<0.005	<0.005	<0.005	0.00305 (D)		
9/18/2019					0.0005 (J)	<0.005
3/12/2020	0.0017 (J)	<0.005	<0.005	0.0031 (J)		

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ
3/13/2020					<0.005	
3/17/2020						<0.005
9/17/2020	<0.005					
9/21/2020		<0.005	<0.005	0.0029 (J)		
9/22/2020					<0.005	<0.005
3/18/2021	0.001 (J)				<0.005	
3/19/2021		<0.005	<0.005	0.0029 (J)		<0.005
8/10/2021	0.00075 (J)					
8/11/2021		<0.005	<0.005	0.0026 (J)	<0.005	
8/12/2021						<0.005
2/2/2022				0.0034 (J)		
2/4/2022	0.0018 (J)	<0.005	<0.005			<0.005
2/17/2022					<0.005	
Mean	0.004135	0.005051	0.004822	0.003884	0.005018	0.005074
Std. Dev.	0.002301	0.001894	0.0007967	0.001578	0.001647	0.0004644
Upper Lim.	0.005	0.005	0.005	0.0039	0.005	0.005
Lower Lim.	0.0021	0.0045	0.005	0.00305	0.005	0.005

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-46R
8/23/2007		<0.005				
8/24/2007	<0.005		<0.005			
11/2/2007	<0.005	<0.005	<0.005			
11/17/2007	0.0039	<0.005				
11/18/2007			<0.005			
1/15/2008	<0.005	<0.005	0.0029			
3/5/2008	0.005					
3/6/2008		<0.005				
3/10/2008			0.069 (O)			
5/7/2008	<0.005	<0.005				
5/13/2008			<0.005			
12/2/2008	0.011	<0.005	0.0027			
4/16/2009	0.005					
4/28/2009		<0.005	<0.005			
10/19/2009		<0.005				
10/20/2009	0.0074		<0.005			
4/20/2010	<0.005					
4/27/2010		<0.005	<0.005			
9/29/2010	<0.005					
10/4/2010		<0.005				
10/5/2010			<0.005			
4/12/2011	<0.005					
4/18/2011		<0.005				
4/19/2011			<0.005			
10/4/2011	<0.005					
10/12/2011		<0.005	<0.005			
4/4/2012	<0.005					
4/23/2012		<0.005				
4/25/2012			<0.005			
10/10/2012	<0.005	<0.005	<0.005			
4/15/2013	<0.005	<0.005				
4/16/2013			<0.005			
10/22/2013	<0.005	<0.005	<0.005			
4/21/2014	<0.005	<0.005	<0.005			
9/30/2014	<0.005	<0.005	<0.005			
4/3/2015	<0.005	<0.005	<0.005			
10/6/2015			<0.005			
10/7/2015	<0.005	<0.005				
3/10/2016						<0.005
3/16/2016				0.00101 (J)	<0.005 (D)	
4/5/2016	<0.005	<0.005	<0.005			
5/16/2016				<0.005	<0.005 (D)	
5/17/2016						<0.005
5/31/2016		<0.005	<0.005			
6/1/2016	<0.005					
7/25/2016				0.0015 (J)	0.0017 (JD)	
7/26/2016						0.0006 (J)
8/4/2016		<0.005				
8/9/2016	0.0003 (J)					
9/19/2016				0.0014 (J)	0.0017 (JD)	
9/20/2016						<0.005
9/29/2016		<0.005				

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-46R
11/3/2016				0.0013 (J)		
11/4/2016					0.0013 (JD)	<0.005
11/23/2016		<0.005	<0.005			
11/28/2016	<0.005					
1/19/2017				0.0013 (J)		
1/20/2017						<0.005
1/23/2017					0.0013 (JD)	
2/9/2017	<0.005					
2/10/2017		<0.005	<0.005			
3/28/2017				0.0019 (J)		<0.005
3/29/2017					0.0013 (JD)	
4/11/2017	<0.005		<0.005			
4/12/2017		0.0006 (J)				
6/5/2017				0.0022 (J)		
6/7/2017					0.0011 (J)	<0.005
6/14/2017	<0.005					
6/15/2017		0.0004 (J)	<0.005			
7/12/2017	<0.005		<0.005			
7/26/2017			<0.005			
9/26/2017				0.0018 (J)		
9/27/2017					0.0013 (J)	
9/29/2017						<0.005
10/5/2017	<0.005					
10/6/2017		<0.005	<0.005			
3/15/2018				0.0018 (J)	0.0012 (J)	<0.005
3/22/2018	<0.005					
3/23/2018		<0.005	<0.005			
9/12/2018				0.0016 (J)		
9/13/2018					0.001 (J)	<0.005
9/19/2018	0.00058 (J)	<0.005	<0.005			
3/14/2019				0.0022 (J)	0.0015 (JD)	
3/18/2019						<0.005
3/22/2019	<0.005		<0.005			
3/25/2019		<0.005				
9/11/2019				0.0018 (J)	0.0014 (JD)	<0.005
9/17/2019	<0.005	<0.005	<0.005			
3/10/2020				0.0021 (J)	0.0012 (J)	<0.005
3/13/2020	<0.005	<0.005	<0.005			
9/11/2020					0.0012 (J)	
9/14/2020						<0.005
9/15/2020				0.0015 (J)		
9/21/2020	<0.005	<0.005	<0.005			
3/11/2021				0.0016 (J)	0.0011 (J)	<0.005
3/18/2021	<0.005	<0.005	<0.005			
8/4/2021				0.0016 (J)		
8/5/2021						<0.005
8/6/2021					0.0011 (J)	
8/11/2021	<0.005	<0.005	<0.005			
1/31/2022				0.0017 (J)		<0.005
2/1/2022					0.0013 (J)	
2/4/2022	<0.005	<0.005				
2/7/2022			<0.005			

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-46R
Mean	0.004953	0.004769	0.004884	0.001851	0.001706	0.004756
Std. Dev.	0.001491	0.001006	0.0004984	0.0008474	0.001213	0.001037
Upper Lim.	0.005	0.005	0.005	0.0021	0.0017	0.005
Lower Lim.	0.005	0.005	0.005	0.0014	0.0011	0.0006

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-49Z	GWC-5	GWC-6	GWC-7Z	GWC-8RR
8/22/2007				<0.005		
8/23/2007			<0.005			
10/25/2007			<0.005	0.0038		
11/19/2007			<0.005			
11/20/2007				<0.005		
1/23/2008			0.0073	0.0047		
3/11/2008			0.0025	<0.005		
5/12/2008			<0.005			
5/14/2008				<0.005		
12/11/2008			<0.005	<0.005		
4/15/2009			<0.005			
4/23/2009				<0.005		
10/9/2009			<0.005	<0.005		
5/4/2010			<0.005	<0.005		
10/11/2010				<0.005		
10/12/2010			<0.005			
4/26/2011				<0.005		
4/28/2011			<0.005			
10/18/2011				<0.005		<0.005
10/19/2011			<0.005			
4/30/2012						<0.005
5/2/2012			<0.005	<0.005		
10/3/2012						<0.005
10/8/2012				<0.005		
10/9/2012			0.0024			
4/8/2013						<0.005
4/10/2013				<0.005		
4/11/2013			0.002			
10/8/2013				<0.005		
10/9/2013						<0.005
10/16/2013			0.0023			
4/10/2014						0.0013 (J)
4/14/2014				0.0013 (J)		
4/23/2014			0.003			
10/2/2014						<0.005
10/3/2014			0.0034	0.00071 (J)		
3/31/2015			0.00079 (J)			
4/1/2015				<0.005		
4/3/2015						<0.005
10/8/2015						0.0014
10/9/2015				<0.005		
10/12/2015			0.00063 (J)			
3/10/2016	0.00207 (J)					
3/17/2016		<0.005				
3/28/2016			<0.005			
3/29/2016				<0.005		
3/30/2016						<0.005
5/17/2016	0.0025 (J)					
5/18/2016		<0.005				
5/24/2016				<0.005		<0.005
5/25/2016			<0.005			
5/31/2016					<0.005	

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-49Z	GWC-5	GWC-6	GWC-7Z	GWC-8RR
7/27/2016	0.0014 (J)					
7/28/2016		0.0026 (J)				
8/1/2016			0.0005 (J)	<0.005		
8/2/2016					0.0018 (J)	<0.005
9/20/2016	0.0015 (J)					
9/21/2016		0.0044 (J)				
9/26/2016				<0.005		
9/27/2016			<0.005		0.0011 (J)	<0.005
11/4/2016	0.0014 (J)					
11/7/2016		0.0044 (J)				
11/11/2016			0.0006 (J)			
11/18/2016				<0.005		
11/21/2016					0.0008 (J)	
11/22/2016						<0.005
1/23/2017	<0.005					
1/24/2017		0.0049 (J)				
1/31/2017			0.0007 (J)			
2/1/2017				<0.005	0.0008 (J)	
2/6/2017						<0.005
3/28/2017	0.0015 (J)					
3/30/2017		0.0041 (J)				
4/3/2017			0.0005 (J)			
4/6/2017				<0.005	0.0008 (J)	<0.005
6/8/2017	0.0016 (J)					
6/9/2017		0.0054 (J)				
6/12/2017			0.0004 (J)			
6/13/2017				<0.005	0.0007 (J)	
6/14/2017						<0.005
7/14/2017					0.0005 (J)	
9/29/2017	0.0015 (J)	0.0038 (J)				
10/3/2017			0.0003 (J)	<0.005	0.0007 (J)	
10/4/2017						<0.005
3/15/2018	0.0013 (J)	0.0026 (J)				
3/19/2018			<0.005	<0.005		
3/20/2018					0.00076 (J)	
3/21/2018						<0.005
9/13/2018	0.0013 (J)					
9/14/2018		0.0017 (J)				
9/17/2018			<0.005	<0.005		
9/18/2018					0.00055 (J)	<0.005
3/15/2019	0.0012 (J)					
3/19/2019		0.00069 (J)				
3/20/2019			<0.005			
3/21/2019				<0.005	0.00059 (J)	
3/27/2019						<0.005
9/11/2019	0.00135 (JD)	0.00075 (J)				
9/13/2019					0.00099 (J)	
9/16/2019			<0.005	<0.005		<0.005 (D)
3/9/2020	0.0016 (J)	0.0028 (J)				
3/12/2020				<0.005	0.00031 (J)	<0.005
3/16/2020			0.00031 (J)			
9/14/2020	0.0017 (J)	0.0014 (J)				

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-49Z	GWC-5	GWC-6	GWC-7Z	GWC-8RR
9/16/2020			<0.005	<0.005	0.00072 (J)	
9/17/2020						<0.005
3/11/2021	0.0025 (J)					
3/15/2021		0.00056 (J)				
3/17/2021			<0.005	<0.005	0.00045 (J)	<0.005
8/4/2021	0.0017 (J)					
8/5/2021		0.0025 (J)				
8/9/2021			<0.005			
8/10/2021				<0.005	0.00087 (J)	<0.005
1/31/2022	0.0021 (J)					
2/1/2022		0.00066 (J)				
2/2/2022			<0.005	<0.005	0.00042 (J)	<0.005
Mean	0.001846	0.002959	0.003657	0.004757	0.000922	0.00473
Std. Dev.	0.0008778	0.001712	0.001995	0.0009078	0.001053	0.0009742
Upper Lim.	0.0021	0.003994	0.005	0.005	0.00099	0.005
Lower Lim.	0.00135	0.001923	0.0024	0.0047	0.0005	0.0014

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
8/23/2007		<0.005
11/1/2007		<0.005
11/19/2007		0.0034
1/15/2008		0.0067
3/6/2008		0.13 (O)
5/13/2008		<0.005
12/12/2008		0.0042
4/16/2009		0.0047
10/13/2009		0.0037
4/21/2010		<0.005
9/29/2010		<0.005
4/13/2011		<0.005
10/5/2011		<0.005
4/4/2012		<0.005
10/8/2012		<0.005
4/8/2013		<0.005
10/9/2013		0.0013
4/9/2014		0.0013 (J)
9/30/2014		<0.005
4/2/2015		0.00064 (J)
5/26/2015	0.0018	
6/18/2015	0.0018 (D)	
7/2/2015	0.0013	
10/8/2015	<0.005	
10/10/2015		0.0015 (D)
3/22/2016	<0.005	
3/30/2016		<0.005
5/25/2016	<0.005	
5/26/2016		<0.005
8/2/2016	<0.005	
8/5/2016		<0.005
9/26/2016	<0.005	
9/28/2016		<0.005
11/21/2016	<0.005	<0.005
2/3/2017	<0.005	
2/6/2017		<0.005
4/6/2017		<0.005
4/7/2017	<0.005	
6/13/2017	<0.005	<0.005
10/3/2017	<0.005	<0.005
3/20/2018	<0.005	<0.005
9/18/2018	<0.005	<0.005 (D)
3/21/2019		<0.005
5/6/2019	<0.005	
9/16/2019	<0.005	<0.005
3/12/2020		0.00044 (J)
3/16/2020	<0.005	
9/17/2020	<0.005	<0.005
3/18/2021	<0.005	<0.005
8/10/2021	<0.005	<0.005
2/2/2022	<0.005	0.00043 (J)
Mean	0.004541	0.004298

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
Std. Dev.	0.001186	0.001555
Upper Lim.	0.005	0.005
Lower Lim.	0.0018	0.0047

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007	0.0058	0.007	<0.005	0.0032	<0.005	<0.005
11/1/2007	<0.005	<0.005	<0.005	0.0031	<0.005	<0.005
11/18/2007			<0.005	<0.005		
11/19/2007					0.0029	0.0035
11/20/2007	0.006	0.0032				
1/16/2008					0.0067	
1/30/2008	0.0037	0.0039	<0.005	<0.005		
1/31/2008						<0.005
3/5/2008			<0.005		0.0058	<0.005
3/6/2008	0.004	<0.005		<0.005		
5/7/2008			0.0037	0.0029		
5/8/2008		0.0039				
5/12/2008	<0.005					<0.005
5/13/2008					<0.005	
12/13/2008	0.0051				<0.005	0.0028
12/14/2008		0.0046	<0.005	<0.005		
4/16/2009					0.0032	
4/28/2009						<0.005
4/29/2009	0.003	<0.005	<0.005	<0.005		
10/20/2009	<0.005					
10/21/2009		<0.005			<0.005	<0.005
10/22/2009			<0.005	<0.005		
4/21/2010		<0.005	<0.005	<0.005		
4/26/2010	<0.005					
4/27/2010					0.0034	
4/28/2010						<0.005
9/28/2010		<0.005	0.0028			
9/29/2010	<0.005			<0.005		
10/5/2010					<0.005	<0.005
4/12/2011		<0.005	<0.005			
4/13/2011	<0.005			<0.005		
4/19/2011					<0.005	<0.005
10/4/2011		<0.005	0.013	<0.005		
10/5/2011	<0.005					
10/12/2011					<0.005	
10/18/2011						<0.005
4/3/2012		<0.005	<0.005			
4/4/2012	<0.005			<0.005		
4/24/2012					<0.005	
4/25/2012						<0.005
10/2/2012					<0.005	<0.005
10/3/2012	<0.005		<0.005	<0.005		
10/8/2012		<0.005				
4/2/2013					0.0063	<0.005
4/3/2013	<0.005	<0.005	<0.005	<0.005		
10/8/2013						<0.005
10/9/2013			<0.005	<0.005	<0.005	
10/15/2013	<0.005	<0.005				
4/1/2014					<0.005	<0.005
4/2/2014			<0.005	0.005 (J)		
4/9/2014	<0.005	<0.005				
10/1/2014						<0.005

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/2/2014	<0.005	<0.005	0.00084 (J)	0.0022 (J)	<0.005	
4/1/2015			<0.005	0.019	<0.005	<0.005
4/2/2015	<0.005	<0.005				
10/10/2015	0.0027 (J)					
10/11/2015			<0.005	0.013		
10/12/2015		<0.005				
10/14/2015					0.0017 (J)	
10/15/2015						<0.005
3/31/2016	<0.005	<0.005				
4/4/2016			<0.005	<0.005	<0.005	<0.005
8/3/2016		<0.005	<0.005		<0.005	
8/4/2016				<0.005		<0.005
8/5/2016	<0.005					
4/10/2017	<0.005	<0.005	<0.005	<0.005		
4/11/2017					0.0003 (J)	
4/12/2017						0.0003 (J)
10/4/2017	<0.005	<0.005	<0.005	<0.005	<0.005	
10/9/2017						0.0005 (J)
3/20/2018	<0.005					
3/21/2018		<0.005	<0.005			<0.005
3/22/2018				<0.005	<0.005	
9/18/2018	<0.005	<0.005	<0.005	<0.005	<0.005	
9/19/2018						<0.005
3/22/2019	<0.005	<0.005				
3/23/2019			<0.005	<0.005	<0.005	<0.005
9/17/2019	<0.005	0.00029 (J)	<0.005	0.00031 (J)	<0.005 (D)	
9/18/2019						0.00057 (J)
3/12/2020	<0.005	<0.005	0.00023 (J)	0.00032 (J)	<0.005	
3/13/2020						0.00033 (J)
9/17/2020	<0.005	<0.005				
9/21/2020			<0.005	<0.005	<0.005	
9/22/2020						<0.005
3/18/2021	<0.005	<0.005				<0.005
3/19/2021			<0.005	0.0018 (J)	<0.005	
8/10/2021	<0.005					
8/11/2021		<0.005	<0.005	<0.005	<0.005	<0.005
2/2/2022					<0.005	
2/4/2022	<0.005	<0.005	<0.005	<0.005		
2/17/2022						<0.005
Mean	0.004862	0.004791	0.00487	0.005024	0.004715	0.004353
Std. Dev.	0.0006272	0.0009616	0.001826	0.003178	0.001176	0.001524
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.004	0.0046	0.0037	0.0032	0.0034	0.0035

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
8/21/2007	<0.005					
8/23/2007			<0.005			
8/24/2007		0.0048 (J)		0.021		
11/1/2007	<0.005					
11/2/2007		<0.005	<0.005	0.0037		
11/17/2007		0.0031	0.02			
11/18/2007				0.007 (J)		
11/19/2007	0.0043					
1/15/2008		0.0033	0.0043	0.0055		
1/31/2008	<0.005					
3/5/2008	<0.005	0.0026				
3/6/2008			<0.005			
3/10/2008				0.0042		
5/7/2008	<0.005	0.0028	0.0026			
5/13/2008				<0.005		
12/2/2008		0.0029	<0.005	0.0039		
12/12/2008	0.013					
4/16/2009		0.0035				
4/28/2009			0.003	<0.005		
4/29/2009	0.0029					
10/19/2009			<0.005			
10/20/2009		0.0056		<0.005		
10/21/2009	<0.005					
4/20/2010		<0.005				
4/27/2010			<0.005	<0.005		
4/28/2010	0.0032					
9/29/2010		<0.005				
10/4/2010			0.0025			
10/5/2010				<0.005		
10/6/2010	<0.005					
4/12/2011		<0.005				
4/18/2011			<0.005			
4/19/2011				<0.005		
4/20/2011	<0.005					
10/4/2011		<0.005				
10/12/2011	<0.005		<0.005	<0.005		
4/4/2012		<0.005				
4/23/2012			<0.005			
4/25/2012	<0.005			<0.005		
10/2/2012	<0.005					
10/10/2012		<0.005	<0.005	<0.005		
4/2/2013	<0.005					
4/15/2013		<0.005	<0.005			
4/16/2013				<0.005		
10/8/2013	<0.005					
10/22/2013		<0.005	<0.005	<0.005		
4/1/2014	0.005 (J)					
4/21/2014		<0.005	<0.005	0.005 (J)		
9/30/2014		<0.005	<0.005	<0.005		
10/1/2014	<0.005					
3/31/2015	<0.005					
4/3/2015		<0.005	<0.005	<0.005		

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
10/6/2015				<0.005		
10/7/2015		0.0012 (J)	0.00093 (J)			
10/14/2015	<0.005					
3/16/2016					<0.005	<0.005 (D)
4/4/2016	<0.005					
4/5/2016		<0.005	<0.005	<0.005		
5/16/2016					<0.005	<0.005 (D)
7/25/2016					0.0005 (J)	<0.005 (D)
8/4/2016			0.0007 (J)			
8/9/2016		<0.005				
9/19/2016					<0.005	0.0032 (JD)
11/3/2016					<0.005	
11/4/2016						0.0006 (JD)
1/19/2017					<0.005	
1/23/2017						0.0008 (JD)
3/28/2017					<0.005 (*)	
3/29/2017						0.0005 (JD)
4/11/2017	<0.005	<0.005		0.0003 (J)		
4/12/2017			<0.005			
9/26/2017					0.0006 (J)	
9/27/2017						0.0014 (J)
10/5/2017		<0.005				
10/6/2017	<0.005		0.0003 (J)	<0.005		
3/15/2018					<0.005	<0.005
3/22/2018		<0.005				
3/23/2018	<0.005		<0.005	<0.005		
9/12/2018					<0.005	
9/13/2018						<0.005
9/19/2018		<0.005	<0.005	<0.005		
9/20/2018	<0.005					
3/14/2019					<0.005	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005		
3/25/2019			<0.005			
9/11/2019					0.00043 (J)	0.012 (JD)
9/17/2019		<0.005	<0.005	<0.005		
9/18/2019	0.00021 (X)					
3/10/2020					0.00067 (J)	0.00031 (J)
3/13/2020		<0.005	0.00029 (J)	0.0002 (J)		
3/17/2020	0.00045 (J)					
9/11/2020						<0.005
9/15/2020					<0.005	
9/21/2020		<0.005	<0.005	<0.005		
9/22/2020	<0.005					
3/11/2021					<0.005	<0.005
3/18/2021		<0.005	<0.005	<0.005		
3/19/2021	<0.005					
8/4/2021					0.0006 (J)	
8/6/2021						<0.005
8/11/2021		<0.005	<0.005	<0.005		
8/12/2021	<0.005					
1/31/2022					0.00053 (J)	
2/1/2022						<0.005

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
2/4/2022	<0.005	<0.005	<0.005			
2/7/2022				<0.005		
Mean	0.00482	0.004553	0.004695	0.005176	0.003431	0.004048
Std. Dev.	0.001893	0.0009817	0.003103	0.003102	0.00219	0.00284
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.012
Lower Lim.	0.0043	0.0048	0.0043	0.0042	0.00053	0.0008

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49Z
3/10/2016		<0.005	<0.005	<0.005	<0.005	
3/16/2016	<0.005 (D)					
3/17/2016						<0.005
5/16/2016	<0.005 (D)					
5/17/2016		<0.005			<0.005	
5/18/2016			<0.005	<0.005		<0.005
7/25/2016	<0.005 (D)					
7/26/2016		<0.005				
7/27/2016			<0.005	<0.005	<0.005	
7/28/2016						0.0007 (J)
9/19/2016	<0.005 (D)					
9/20/2016		0.0008 (J)	0.0011 (J)	0.001 (J)	0.0018 (J)	
9/21/2016						0.0018 (J)
11/3/2016	<0.005 (D)					
11/4/2016		<0.005		<0.005	<0.005	
11/7/2016			<0.005			<0.005
1/20/2017	<0.005 (D)	<0.005		<0.005		
1/23/2017			<0.005		<0.005	
1/24/2017						<0.005
3/28/2017		<0.005			<0.005 (*)	
3/29/2017	0.0022 (JD)		0.0003 (J)	0.0003 (J)		
3/30/2017						0.0003 (J)
9/27/2017	<0.005		<0.005	0.0011 (J)		
9/29/2017		<0.005			0.0003 (J)	<0.005
3/15/2018	<0.005	<0.005	<0.005		<0.005	<0.005
3/16/2018				<0.005		
9/13/2018	<0.005	<0.005	<0.005	<0.005	<0.005	
9/14/2018						<0.005
3/14/2019	<0.005 (D)					
3/15/2019			<0.005		<0.005	
3/18/2019		<0.005				
3/19/2019				<0.005		<0.005
9/11/2019	<0.005 (D)	<0.005		0.0008 (J)	0.000535 (JD)	0.00021 (J)
9/12/2019			<0.005			
3/9/2020			<0.005	0.00032 (J)	0.00035 (J)	0.00035 (J)
3/10/2020	<0.005	<0.005				
9/11/2020	<0.005					
9/14/2020		<0.005	<0.005		<0.005	<0.005
9/15/2020				<0.005		
3/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005	
3/15/2021						<0.005
8/4/2021					<0.005	
8/5/2021		<0.005	<0.005	<0.005		0.00061 (J)
8/6/2021	<0.005					
1/31/2022		<0.005			<0.005	
2/1/2022	<0.005		<0.005	<0.005		<0.005
Mean	0.004835	0.004753	0.004494	0.003736	0.003999	0.003469
Std. Dev.	0.0006791	0.001019	0.001435	0.002026	0.001885	0.002162
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0022	0.0008	0.0011	0.001	0.0018	0.00061

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z
8/22/2007		0.0033				
8/23/2007	0.0064					
10/25/2007	0.0081	<0.005				
11/19/2007	0.0059					
11/20/2007		0.0052				
1/23/2008	0.018	0.0069				
3/11/2008	0.027	0.0029				
5/12/2008	0.016					
5/14/2008		0.0035				
12/11/2008	0.016	<0.005				
4/15/2009	0.017					
4/23/2009		0.0038				
10/9/2009	0.045	0.0032				
5/4/2010	0.031	<0.005				
10/11/2010		0.0029				
10/12/2010	0.024					
4/26/2011		<0.005				
4/28/2011	0.0044					
10/18/2011		<0.005			<0.005	
10/19/2011	0.038					
4/30/2012					<0.005	
5/2/2012	0.0865 (O)	<0.005				
10/3/2012					<0.005	
10/8/2012		<0.005				
10/9/2012	0.053					
4/8/2013					<0.005	
4/10/2013		<0.005				
4/11/2013	0.04					
10/8/2013		<0.005				
10/9/2013					<0.005	
10/16/2013	0.054					
4/10/2014					<0.005	
4/14/2014		0.005 (J)				
4/23/2014	0.054					
10/2/2014					<0.005	
10/3/2014	0.066	0.00091 (J)				
3/31/2015	0.025					
4/1/2015		0.0011 (J)				
4/3/2015					<0.005	
5/26/2015			<0.005			<0.005
6/18/2015			<0.005 (D)			0.005 (D)
7/2/2015			<0.005			<0.005
10/8/2015					0.002 (J)	0.00091 (J)
10/9/2015		<0.005	<0.005			
10/12/2015	0.018					
3/22/2016						<0.005
3/28/2016	0.0256					
3/29/2016		<0.005	<0.005			
3/30/2016					<0.005	
8/1/2016	0.0178 (J)	<0.005	<0.005			
8/2/2016				<0.005	<0.005	<0.005
4/3/2017	0.0272					

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z
4/6/2017		<0.005	<0.005	0.0004 (J)	<0.005	
4/7/2017						<0.005
10/3/2017	0.0239 (J)	<0.005	<0.005	0.0006 (J)		0.0003 (J)
10/4/2017					<0.005	
3/19/2018	0.021 (J)	<0.005				
3/20/2018			<0.005	<0.005		<0.005
3/21/2018					<0.005	
9/17/2018	0.018 (J)	<0.005	<0.005			
9/18/2018				<0.005	<0.005	<0.005
3/20/2019	0.023 (J)					
3/21/2019		0.0018 (J)	<0.005	<0.005		
3/27/2019					<0.005	
5/6/2019						<0.005
9/13/2019				0.00025 (J)		
9/16/2019	0.016 (J)	<0.005	<0.005		<0.005 (D)	<0.005
3/12/2020		<0.005	0.00028 (J)	0.00021 (J)	<0.005	
3/16/2020	0.012 (J)					0.00024 (J)
9/16/2020	0.017 (J)	<0.005	<0.005	<0.005		
9/17/2020					<0.005	<0.005
3/17/2021	0.019	<0.005	<0.005	<0.005	<0.005	
3/18/2021						<0.005
8/9/2021	0.026					
8/10/2021		<0.005	<0.005	<0.005	<0.005	<0.005
2/2/2022	0.024	<0.005	<0.005	<0.005	<0.005	<0.005
Mean	0.02537	0.004427	0.004722	0.003455	0.004864	0.004203
Std. Dev.	0.015	0.001271	0.001145	0.002284	0.0006396	0.00178
Upper Lim.	0.02969	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.01775	0.0038	0.00028	0.00025	0.002	0.00091

Confidence Interval

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9
8/23/2007	<0.005
11/1/2007	0.0047
11/19/2007	0.0067 (J)
1/15/2008	0.01
3/6/2008	0.007
5/13/2008	<0.005
12/12/2008	0.0048
4/16/2009	0.0042
10/13/2009	0.0034
4/21/2010	<0.005
9/29/2010	<0.005
4/13/2011	<0.005
10/5/2011	<0.005
4/4/2012	<0.005
10/8/2012	<0.005
4/8/2013	<0.005
10/9/2013	<0.005
4/9/2014	<0.005
9/30/2014	<0.005
4/2/2015	<0.005
10/10/2015	0.00345 (D)
3/30/2016	<0.005
8/5/2016	<0.005
4/6/2017	0.0003 (J)
10/3/2017	<0.005
3/20/2018	<0.005
9/18/2018	<0.005 (D)
3/21/2019	<0.005
9/16/2019	0.00021 (J)
3/12/2020	0.00031 (J)
9/17/2020	<0.005
3/18/2021	<0.005
8/10/2021	<0.005
2/2/2022	<0.005
Mean	0.004708
Std. Dev.	0.001756
Upper Lim.	0.005
Lower Lim.	0.0048

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/31/2016	0.0389 (J)	0.0209 (J)				
4/4/2016			0.0357 (J)	0.022 (J)	0.035 (J)	0.026 (J)
5/26/2016	0.0375 (J)	0.037 (J)	0.042 (J)	0.023 (J)		
5/27/2016					0.032 (J)	
5/31/2016						0.0234 (J)
8/3/2016		<0.1	0.04 (J)		<0.1	
8/4/2016				0.05 (J)		0.09 (J)
8/5/2016	0.03 (J)					
9/28/2016	<0.1	0.05 (J)	<0.1	<0.1		
9/29/2016						<0.1
9/30/2016					<0.1	
11/22/2016	0.04 (J)	0.04 (J)	0.06 (J)	0.04 (J)	0.03 (J)	
11/28/2016						0.08 (J)
2/7/2017	<0.1	<0.1				
2/8/2017			0.05 (J)	<0.1		
2/9/2017						0.24 (J)
2/13/2017					<0.1	
4/10/2017	<0.1	<0.1	<0.1	<0.1		
4/11/2017					<0.1	
4/12/2017						<0.1
6/14/2017	0.02 (J)	<0.1			0.01 (J)	
6/15/2017			0.03 (J)	<0.1		
6/16/2017						0.04 (J)
10/4/2017	<0.1	<0.1	<0.1	<0.1	<0.1	
10/9/2017						<0.1
3/20/2018	<0.1					
3/21/2018		<0.1	<0.1			<0.1
3/22/2018				<0.1	<0.1	
9/18/2018	<0.1	<0.1	<0.1	<0.1	<0.1	
9/19/2018						<0.1
3/22/2019	0.045 (J)	<0.1				
3/23/2019			<0.1	<0.1	<0.1	<0.1
9/17/2019	<0.1	<0.1	<0.1	<0.1	<0.1 (D)	
9/18/2019						<0.1
3/12/2020	<0.1	<0.1	<0.1	<0.1	<0.1	
3/13/2020						<0.1
9/17/2020	<0.1	<0.1				
9/21/2020			<0.1	<0.1	<0.1	
9/22/2020						<0.1
3/18/2021	<0.1	<0.1				<0.1
3/19/2021			<0.1	<0.1	<0.1	
8/10/2021	<0.1					
8/11/2021		<0.1	<0.1	<0.1	<0.1	<0.1
2/2/2022					<0.1	
2/4/2022	<0.1	<0.1	<0.1	<0.1		
2/17/2022						<0.1
Mean	0.07841	0.08599	0.08098	0.08528	0.08372	0.09441
Std. Dev.	0.03179	0.02743	0.02827	0.02891	0.0317	0.04504
Upper Lim.	0.1	0.1	0.1	0.1	0.1	0.24
Lower Lim.	0.0389	0.05	0.042	0.05	0.035	0.08

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/16/2016					0.00218 (J)	<0.1 (D)
4/4/2016	0.044 (J)					
4/5/2016		1.78243 (J,O)	0.00288 (J)	0.011 (J)		
5/16/2016					0.0415 (J)	<0.1 (D)
5/31/2016			0.0233 (J)	0.0669 (J)		
6/1/2016	0.0338 (J)	0.0148 (J)				
7/25/2016					0.14 (J)	0.02 (JD)
8/4/2016			<0.1			
8/9/2016		0.04 (J)				
9/19/2016					<0.1	<0.1 (D)
9/29/2016			<0.1			
11/3/2016					0.06 (J)	
11/4/2016						0.04 (JD)
11/23/2016			0.04 (J)	0.03 (J)		
11/28/2016		0.07 (J)				
1/19/2017					0.009 (J)	
1/23/2017						0.006 (JD)
2/9/2017		0.08 (J)				
2/10/2017			<0.1	<0.1		
2/22/2017	0.22 (J)					
3/28/2017					0.04 (J)	
3/29/2017						<0.1 (D)
4/11/2017	0.16 (J)	<0.1		<0.1		
4/12/2017			<0.1			
6/5/2017					0.06 (J)	
6/7/2017						<0.1
6/14/2017		0.01 (J)				
6/15/2017			0.06 (J)	0.02 (J)		
6/16/2017	0.2 (J)					
7/12/2017	0.2 (J)	0.05 (J)		0.04 (J)		
7/20/2017					0.21 (J)	
7/26/2017				0.03 (J)		
7/28/2017	0.18 (J)					
8/10/2017	<0.1					
9/26/2017					0.14 (J)	
9/27/2017						<0.1
10/5/2017		<0.1				
10/6/2017	0.14 (J)		<0.1	<0.1		
3/15/2018					0.11 (J)	<0.1
3/22/2018		<0.1				
3/23/2018	0.24 (J)		<0.1	<0.1		
9/12/2018					0.062 (J)	
9/13/2018						<0.1
9/19/2018		<0.1	<0.1	<0.1		
9/20/2018	<0.1					
3/14/2019					0.13 (X)	<0.1 (D)
3/22/2019	0.12 (J)	<0.1		<0.1		
3/25/2019			<0.1			
9/11/2019					<0.1	<0.1 (D)
9/17/2019		<0.1	<0.1	<0.1		
9/18/2019	0.17 (X)					
3/10/2020					0.13 (J)	<0.1

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/13/2020		<0.1	<0.1	<0.1		
3/17/2020	0.11 (J)					
9/11/2020						<0.1
9/15/2020					<0.1	
9/21/2020		<0.1	<0.1	<0.1		
9/22/2020	0.1 (J)					
3/11/2021					<0.1	<0.1
3/18/2021		<0.1	<0.1	<0.1		
3/19/2021	0.12					
8/4/2021					<0.1	
8/6/2021						<0.1
8/11/2021		<0.1	<0.1	<0.1		
8/12/2021	0.11					
1/31/2022					<0.1	
2/1/2022						<0.1
2/4/2022	0.13	<0.1	<0.1			
2/7/2022				<0.1		
Mean	0.1377	0.08028	0.08479	0.07766	0.0913	0.087
Std. Dev.	0.05657	0.03177	0.03101	0.03416	0.05015	0.03048
Upper Lim.	0.1719	0.1	0.1	0.1	0.09014	0.1
Lower Lim.	0.1034	0.05	0.06	0.03	0.02736	0.04

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		0.00697 (J)	0.00337 (J)	0.00202 (J)	0.00797 (J)	
3/16/2016	0.00957 (JD)					
3/17/2016						<0.1
5/16/2016	0.0161 (JD)					
5/17/2016		0.0281 (J)			0.0156 (J)	
5/18/2016			0.059 (J)	0.065 (J)		0.022 (J)
7/25/2016	0.14 (JD)					
7/26/2016		<0.1				
7/27/2016			0.1 (J)	0.09 (J)	<0.1	0.07 (J)
9/19/2016	<0.1 (D)					
9/20/2016		<0.1	0.04 (J)	<0.1	0.03 (J)	
9/21/2016						<0.1
11/3/2016	0.08 (JD)					
11/4/2016		0.05 (J)		0.04 (J)	0.06 (J)	0.03 (J)
11/7/2016			0.1 (J)			
1/20/2017	0.01 (JD)	0.01 (J)		0.009 (J)		
1/23/2017			0.13 (J)		0.02 (J)	
1/24/2017						<0.1
3/28/2017		<0.1			<0.1	
3/29/2017	<0.1 (D)		0.04 (J)	<0.1		<0.1
6/7/2017	<0.1	<0.1				
6/8/2017			0.05 (J)	<0.1 (*)	0.06 (J)	<0.1 (*)
9/27/2017	<0.1		0.04 (J)	<0.1		
9/29/2017		<0.1			<0.1	<0.1
3/15/2018	<0.1	<0.1	<0.1		<0.1	<0.1
3/16/2018				0.13 (J)		
9/13/2018	<0.1	<0.1	0.047 (J)	<0.1	<0.1	<0.1
3/14/2019	0.039 (D)					
3/15/2019			<0.1		<0.1	
3/18/2019		<0.1				<0.1
3/19/2019				<0.1		
9/11/2019	<0.1 (D)	<0.1		<0.1	<0.1	<0.1
9/12/2019			<0.1			
3/9/2020			<0.1	<0.1	<0.1	
3/10/2020	<0.1	<0.1				
3/11/2020						<0.1
9/11/2020	<0.1					<0.1
9/14/2020		<0.1	<0.1		<0.1	
9/15/2020				<0.1		
3/11/2021	<0.1	<0.1	<0.1	<0.1	<0.1	
3/15/2021						<0.1
8/4/2021					<0.1	
8/5/2021		<0.1	<0.1	<0.1		
8/6/2021	<0.1					
8/11/2021						<0.1
1/31/2022		<0.1			<0.1	
2/1/2022	<0.1		<0.1	<0.1		<0.1
Mean	0.08304	0.08306	0.0783	0.08533	0.07742	0.09011
Std. Dev.	0.03746	0.03366	0.03391	0.03416	0.03508	0.0244
Upper Lim.	0.14	0.1	0.1	0.13	0.1	0.1
Lower Lim.	0.039	0.05	0.047	0.065	0.03	0.07

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
3/17/2016	0 (J)					
3/28/2016		0.00421 (J)				
3/29/2016			0.0376 (J)	0.00363 (J)		
3/30/2016						0.00345 (J)
5/18/2016	0.015 (J)					
5/24/2016			0.023 (J)	0.0286 (J)		0.019 (J)
5/25/2016		0.0207 (J)				
5/31/2016					0.043 (J)	
7/28/2016	0.08 (J)					
8/1/2016		<0.1	<0.1	0.08 (J)		
8/2/2016					<0.1	<0.1
9/21/2016	<0.1					
9/26/2016			<0.1	<0.1		
9/27/2016		<0.1			<0.1	<0.1
11/7/2016	<0.1					
11/11/2016		0.04 (J)				
11/14/2016				0.08 (J)		
11/18/2016			0.02 (J)			
11/21/2016					0.22 (J)	
11/22/2016						0.02 (J)
1/24/2017	<0.1					
1/31/2017		<0.1				
2/1/2017			<0.1	<0.1	<0.1	
2/6/2017						<0.1
3/30/2017	<0.1					
4/3/2017		<0.1				
4/6/2017			<0.1	<0.1	0.008 (J)	<0.1
6/9/2017	<0.1					
6/12/2017		0.02 (J)				
6/13/2017			0.006 (J)	0.05 (J)	0.03 (J)	
6/14/2017						<0.1
7/14/2017					0.05 (J)	
9/29/2017	<0.1					
10/3/2017		<0.1	<0.1	<0.1	0.06 (J)	
10/4/2017						<0.1
3/15/2018	<0.1					
3/19/2018		<0.1	<0.1			
3/20/2018				<0.1	<0.1	
3/21/2018						<0.1
9/14/2018	<0.1					
9/17/2018		<0.1	<0.1	<0.1		
9/18/2018					<0.1	<0.1
3/19/2019	<0.1					
3/20/2019		<0.1				
3/21/2019			<0.1	<0.1	<0.1	
3/27/2019						<0.1
9/11/2019	<0.1					
9/13/2019					<0.1	
9/16/2019		<0.1	<0.1	<0.1		<0.1 (D)
3/9/2020	<0.1					
3/12/2020			<0.1	<0.1	<0.1	<0.1
3/16/2020		<0.1				

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
9/14/2020	<0.1					
9/16/2020		<0.1	<0.1	<0.1	<0.1	
9/17/2020						<0.1
3/15/2021	<0.1					
3/17/2021		<0.1	<0.1	<0.1	<0.1	<0.1
8/5/2021	<0.1					
8/9/2021		<0.1				
8/10/2021			<0.1	<0.1	<0.1	<0.1
2/1/2022	<0.1					
2/2/2022		<0.1	<0.1	<0.1	<0.1	<0.1
Mean	0.08861	0.0825	0.08259	0.08568	0.0895	0.08569
Std. Dev.	0.02999	0.03426	0.03396	0.02869	0.04414	0.03308
Upper Lim.	0.1	0.1	0.1	0.1	0.22	0.1
Lower Lim.	0.08	0.04	0.0376	0.08	0.05	0.02

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
3/22/2016	0.00323 (J)	
3/30/2016		0.0518 (J)
5/25/2016	0.0345 (J)	
5/26/2016		0.0307 (J)
8/2/2016	0.08 (J)	
8/5/2016		<0.1
9/26/2016	0.07 (J)	
9/28/2016		<0.1
11/21/2016	0.07 (J)	0.05 (J)
2/3/2017	<0.1	
2/6/2017		<0.1
4/6/2017		<0.1
4/7/2017	0.03 (J)	
6/13/2017	0.05 (J)	<0.1
10/3/2017	0.1 (J)	<0.1
3/20/2018	<0.1	<0.1
9/18/2018	<0.1	<0.1 (D)
3/21/2019		<0.1
5/6/2019	<0.1	
9/16/2019	<0.1	<0.1
3/12/2020		<0.1
3/16/2020	<0.1	
9/17/2020	<0.1	<0.1
3/18/2021	<0.1	<0.1
8/10/2021	<0.1	<0.1
2/2/2022	<0.1	<0.1
Mean	0.07987	0.09069
Std. Dev.	0.03064	0.02178
Upper Lim.	0.1	0.1
Lower Lim.	0.05	0.0518

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ
8/21/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/1/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/18/2007			<0.001	<0.001		
11/19/2007					<0.001	<0.001
11/20/2007	<0.001	<0.001				
1/30/2008	<0.001	<0.001	<0.001	<0.001		
1/31/2008					<0.001	<0.001
3/5/2008			<0.001		<0.001	<0.001
3/6/2008	<0.001	<0.001		<0.001		
5/7/2008			<0.001	<0.001		<0.001
5/8/2008		<0.001				
5/12/2008	<0.001				<0.001	
12/12/2008						<0.001
12/13/2008	<0.001				<0.001	
12/14/2008		<0.001	<0.001	<0.001		
4/28/2009					<0.001	
4/29/2009	<0.001	<0.001	<0.001	<0.001		<0.001
10/20/2009	<0.001					
10/21/2009		<0.001			<0.001	<0.001
10/22/2009			<0.001	<0.001		
4/21/2010		<0.001	<0.001	<0.001		
4/26/2010	<0.001					
4/28/2010					<0.001	<0.001
9/28/2010		<0.001	<0.001			
9/29/2010	<0.001			<0.001		
10/5/2010					<0.001	
10/6/2010						<0.001
4/12/2011		<0.001	<0.001			
4/13/2011	<0.001			<0.001		
4/19/2011					<0.001	
4/20/2011						<0.001
10/4/2011		<0.001	<0.001	<0.001		
10/5/2011	<0.001					
10/12/2011						<0.001
10/18/2011					<0.001	
4/3/2012		<0.001	<0.001			
4/4/2012	<0.001			<0.001		
4/25/2012					<0.001	<0.001
10/2/2012					<0.001	<0.001
10/3/2012	<0.001		<0.001	<0.001		
10/8/2012		<0.001				
4/2/2013					<0.001	<0.001
4/3/2013	<0.001	<0.001	<0.001	<0.001		
10/8/2013					<0.001	<0.001
10/9/2013			<0.001	<0.001		
10/15/2013	<0.001	<0.001				
4/1/2014					<0.001	<0.001
4/2/2014			<0.001	<0.001		
4/9/2014	<0.001	<0.001				
10/1/2014					<0.001	<0.001
10/2/2014	<0.001	<0.001	<0.001	<0.001		
3/31/2015						<0.001

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ
4/1/2015			<0.001	<0.001	<0.001	
4/2/2015	<0.001	<0.001				
10/10/2015	<0.001					
10/11/2015			<0.001	<0.001		
10/12/2015		<0.001				
10/14/2015						<0.001
10/15/2015					<0.001	
3/31/2016	<0.001	<0.001				
4/4/2016			<0.001	<0.001	<0.001	<0.001
5/26/2016	<0.001	<0.001	<0.001	<0.001		
5/31/2016					<0.001	
6/1/2016						<0.001
8/3/2016		<0.001	<0.001			
8/4/2016				<0.001	0.0001 (J)	
8/5/2016	<0.001					
9/28/2016	<0.001	<0.001	<0.001	<0.001		
9/29/2016					0.0001 (J)	
11/22/2016	<0.001	<0.001	<0.001	<0.001		
11/28/2016					<0.001	
2/7/2017	<0.001	<0.001				
2/8/2017			<0.001	<0.001		
2/9/2017					0.0001 (J)	
2/22/2017						0.0003 (J)
4/10/2017	<0.001	<0.001	<0.001	<0.001		
4/11/2017						<0.001
4/12/2017					<0.001	
6/14/2017	<0.001	<0.001				
6/15/2017			9E-05 (J)	<0.001		
6/16/2017					0.0002 (J)	<0.001
7/12/2017						<0.001
7/28/2017						<0.001
8/10/2017						<0.001
10/4/2017	<0.001	<0.001	<0.001	<0.001		
10/6/2017						<0.001
10/9/2017					0.0001 (J)	
3/20/2018	<0.001					
3/21/2018		<0.001	<0.001		<0.001	
3/22/2018				<0.001		
3/23/2018						<0.001
9/18/2018	<0.001	<0.001	<0.001	<0.001		
9/19/2018					<0.001	
9/20/2018						<0.001
3/22/2019	<0.001	<0.001				<0.001
3/23/2019			<0.001	<0.001	<0.001	
9/17/2019	4.7E-05 (J)	0.00017 (J)	4.6E-05 (J)	8.2E-05 (J)		
9/18/2019					0.0002 (J)	4.8E-05 (X)
3/12/2020	<0.001	<0.001	5.2E-05 (J)	4.6E-05 (J)		
3/13/2020					0.00013 (J)	
3/17/2020						<0.001
9/17/2020	<0.001	<0.001				
9/21/2020			<0.001	<0.001		
9/22/2020					0.00015 (J)	7.1E-05 (J)

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ
3/18/2021	<0.001	<0.001			0.00024 (J)	
3/19/2021			<0.001	0.00018 (J)		7.4E-05 (J)
8/10/2021	<0.001					
8/11/2021		<0.001	<0.001	<0.001	<0.001	
8/12/2021						<0.001
2/4/2022	<0.001	<0.001	<0.001	<0.001		<0.001
2/17/2022					<0.001	
Mean	0.0009756	0.0009787	0.0009279	0.000931	0.0008031	0.0009101
Std. Dev.	0.0001526	0.0001329	0.0002531	0.0002428	0.0003651	0.0002715
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.001	0.001	9E-05	0.00018	0.00024	0.0003

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/23/2007		<0.001				
8/24/2007	<0.001		<0.001			
11/2/2007	<0.001	<0.001	<0.001			
11/17/2007	<0.001	<0.001				
11/18/2007			<0.001			
1/15/2008	<0.001	<0.001	<0.001			
3/5/2008	<0.001					
3/6/2008		<0.001				
3/10/2008			<0.001			
5/7/2008	<0.001	<0.001				
5/13/2008			<0.001			
12/2/2008	<0.001	<0.001	<0.001			
4/16/2009	<0.001					
4/28/2009		<0.001	<0.001			
10/19/2009		<0.001				
10/20/2009	<0.001		<0.001			
4/20/2010	<0.001					
4/27/2010		<0.001	<0.001			
9/29/2010	<0.001					
10/4/2010		<0.001				
10/5/2010			<0.001			
4/12/2011	<0.001					
4/18/2011		<0.001				
4/19/2011			<0.001			
10/4/2011	<0.001					
10/12/2011		<0.001	<0.001			
4/4/2012	<0.001					
4/23/2012		<0.001				
4/25/2012			<0.001			
10/10/2012	<0.001	<0.001	<0.001			
4/15/2013	<0.001	<0.001				
4/16/2013			<0.001			
10/22/2013	<0.001	<0.001	<0.001			
4/21/2014	<0.001	<0.001	<0.001			
9/30/2014	<0.001	<0.001	<0.001			
4/3/2015	<0.001	<0.001	<0.001			
10/6/2015			<0.001			
10/7/2015	<0.001	<0.001				
3/16/2016				<0.001	<0.001 (D)	<0.001 (D)
4/5/2016	<0.001	<0.001	<0.001			
5/16/2016				<0.001	<0.001 (D)	<0.001 (D)
5/31/2016		<0.001	<0.001			
6/1/2016	<0.001					
7/25/2016				0.0003 (J)	0.0002 (JD)	0.0001 (JD)
8/4/2016		<0.001				
8/9/2016	<0.001					
9/19/2016				0.0002 (J)	0.0004 (JD)	<0.001 (D)
9/29/2016		0.0008 (J)				
11/3/2016				0.0002 (J)		<0.001 (D)
11/4/2016					0.0002 (JD)	
11/23/2016		0.0011 (J)	<0.001			
11/28/2016	<0.001					

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
1/19/2017				0.0003 (J)		
1/20/2017						<0.001 (D)
1/23/2017					0.0001 (JD)	
2/9/2017	0.0002 (J)					
2/10/2017		<0.001	<0.001			
3/28/2017				<0.001 (*)		
3/29/2017					0.0001 (JD)	0.0001 (JD)
4/11/2017	<0.001		<0.001			
4/12/2017		<0.001				
6/5/2017				0.0007 (J)		
6/7/2017					0.0001 (J)	8E-05 (J)
6/14/2017	<0.001					
6/15/2017		0.0005 (J)	<0.001			
7/12/2017	<0.001		<0.001			
7/26/2017			<0.001			
9/26/2017				0.0004 (J)		
9/27/2017					0.0003 (J)	9E-05 (J)
10/5/2017	<0.001					
10/6/2017		0.0004 (J)	<0.001			
3/15/2018				0.00064 (J)	<0.001	<0.001
3/22/2018	<0.001					
3/23/2018		0.00028 (J)	<0.001			
9/12/2018				0.00037 (J)		
9/13/2018					<0.001	<0.001
9/19/2018	<0.001	0.00029 (J)	<0.001			
3/14/2019				0.00077 (J)	<0.001 (D)	<0.001 (D)
3/22/2019	<0.001		<0.001			
3/25/2019		0.00047 (J)				
9/11/2019				0.00047 (J)	0.00016 (JD)	<0.001 (D)
9/17/2019	<0.001	0.00016 (J)	<0.001			
3/10/2020				0.00066 (J)	0.00014 (J)	<0.001
3/13/2020	<0.001	0.00037 (J)	4.8E-05 (J)			
9/11/2020					0.00012 (J)	<0.001
9/15/2020				0.00045 (J)		
9/21/2020	0.00023 (J)	0.00093 (J)	7.5E-05 (J)			
3/11/2021				0.00053 (J)	0.00012 (J)	4.5E-05 (J)
3/18/2021	<0.001	0.00036 (J)	4E-05 (J)			
8/4/2021				<0.001		
8/6/2021					<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001			
1/31/2022				<0.001		
2/1/2022					<0.001	<0.001
2/4/2022	<0.001	<0.001				
2/7/2022			<0.001			
Mean	0.0009597	0.0008631	0.0009273	0.0006106	0.0004967	0.0007453
Std. Dev.	0.0001754	0.000269	0.0002553	0.000295	0.0004196	0.0004228
Upper Lim.	0.001	0.001	0.001	0.0005559	0.001	0.001
Lower Lim.	0.001	0.00093	7.5E-05	0.0003231	0.00012	0.0001

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47R	GWC-48	GWC-49Z	GWC-5	GWC-6
8/22/2007						<0.001
8/23/2007					<0.001	
10/25/2007					<0.001	<0.001
11/19/2007					<0.001	
11/20/2007						<0.001
1/23/2008					<0.001	<0.001
3/11/2008					<0.001	<0.001
5/12/2008					<0.001	
5/14/2008						<0.001
12/11/2008					<0.001	<0.001
4/15/2009					<0.001	
4/23/2009						<0.001
10/9/2009					<0.001	<0.001
5/4/2010					<0.001	<0.001
10/11/2010						<0.001
10/12/2010					<0.001	
4/26/2011						<0.001
4/28/2011					<0.001	
10/18/2011						<0.001
10/19/2011					<0.001	
5/2/2012					<0.001	<0.001
10/8/2012						<0.001
10/9/2012					<0.001	
4/10/2013						<0.001
4/11/2013					<0.001	
10/8/2013						<0.001
10/16/2013					<0.001	
4/14/2014						<0.001
4/23/2014					<0.001	
10/3/2014					<0.001	<0.001
3/31/2015					<0.001	
4/1/2015						<0.001
10/9/2015						<0.001
10/12/2015					<0.001	
3/10/2016	<0.001	<0.001	<0.001			
3/17/2016				<0.001		
3/28/2016					<0.001	
3/29/2016						<0.001
5/17/2016			<0.001			
5/18/2016	<0.001	<0.001		<0.001		
5/24/2016						<0.001
5/25/2016					<0.001	
7/27/2016	9E-05 (J)	9E-05 (J)	<0.001			
7/28/2016				0.0002 (J)		
8/1/2016					<0.001	<0.001
9/20/2016	0.0003 (J)	0.0001 (J)	0.0002 (J)			
9/21/2016				<0.001 (*)		
9/26/2016						0.0003 (J)
9/27/2016					<0.001	
11/4/2016		<0.001	<0.001			
11/7/2016	<0.001			<0.001		
11/11/2016					<0.001	

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47R	GWC-48	GWC-49Z	GWC-5	GWC-6
11/18/2016						<0.001
1/20/2017		<0.001				
1/23/2017	<0.001		<0.001			
1/24/2017				0.0002 (J)		
1/31/2017					<0.001	
2/1/2017						<0.001
3/28/2017			<0.001 (*)			
3/29/2017	<0.001	<0.001				
3/30/2017				<0.001		
4/3/2017					<0.001	
4/6/2017						7E-05 (J)
6/8/2017	0.0001 (J)	<0.001	<0.001			
6/9/2017				<0.001		
6/12/2017					<0.001	
6/13/2017						<0.001
9/27/2017	<0.001	<0.001				
9/29/2017			<0.001	<0.001		
10/3/2017					<0.001	<0.001
3/15/2018	<0.001		<0.001	<0.001		
3/16/2018		<0.001				
3/19/2018					<0.001	<0.001
9/13/2018	<0.001	<0.001	<0.001			
9/14/2018				<0.001		
9/17/2018					<0.001	<0.001
3/15/2019	<0.001		<0.001			
3/19/2019		<0.001		<0.001		
3/20/2019					<0.001	
3/21/2019						<0.001
9/11/2019		8.5E-05 (J)	0.002529 (D)	8.2E-05 (J)		
9/12/2019	<0.001					
9/16/2019					<0.001	0.0001 (J)
3/9/2020	5.8E-05 (J)	8E-05 (J)	<0.001	0.00017 (J)		
3/12/2020						0.0001 (J)
3/16/2020					5.1E-05 (J)	
9/14/2020	<0.001		<0.001	7.8E-05 (J)		
9/15/2020		<0.001				
9/16/2020					<0.001	0.00012 (J)
3/11/2021	4.8E-05 (J)	<0.001	<0.001			
3/15/2021				4.6E-05 (J)		
3/17/2021					<0.001	7.4E-05 (J)
8/4/2021			<0.001			
8/5/2021	<0.001	<0.001		<0.001		
8/9/2021					<0.001	
8/10/2021						<0.001
1/31/2022			<0.001			
2/1/2022	<0.001	<0.001		<0.001		
2/2/2022					<0.001	<0.001
Mean	0.0007553	0.0007975	0.001041	0.0007098	0.0009757	0.0008657
Std. Dev.	0.000409	0.0003898	0.0004164	0.000424	0.000152	0.0003205
Upper Lim.	0.001	0.001	0.002529	0.001	0.001	0.001
Lower Lim.	0.0001	0.0001	0.0002	0.00017	0.001	0.0003

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/23/2007					<0.001
11/1/2007					<0.001
11/19/2007					<0.001
1/15/2008					<0.001
3/6/2008					<0.001
5/13/2008					<0.001
12/12/2008					<0.001
4/16/2009					<0.001
10/13/2009					<0.001
4/21/2010					<0.001
9/29/2010					<0.001
4/13/2011					<0.001
10/5/2011					<0.001
10/18/2011			<0.001		
4/4/2012					0.0012
4/30/2012			<0.001		
10/3/2012			<0.001		
10/8/2012					<0.001
4/8/2013			<0.001		<0.001
10/9/2013			<0.001		<0.001
4/9/2014					<0.001
4/10/2014			<0.001		
9/30/2014					<0.001
10/2/2014			<0.001		
4/2/2015					<0.001
4/3/2015			<0.001		
5/26/2015	<0.001			<0.001	
6/18/2015	<0.001 (D)			<0.001 (D)	
7/2/2015	<0.001			<0.001	
10/8/2015			<0.001	<0.001	
10/9/2015	<0.001				
10/10/2015					<0.001 (D)
3/22/2016				<0.001	
3/29/2016	<0.001				
3/30/2016			<0.001		<0.001
5/24/2016	<0.001		<0.001		
5/25/2016				<0.001	
5/26/2016					<0.001
5/31/2016		<0.001			
8/1/2016	<0.001				
8/2/2016		0.0001 (J)	<0.001	0.0002 (J)	
8/5/2016					0.0001 (J)
9/26/2016	<0.001			0.0001 (J)	
9/27/2016		0.0001 (J)	<0.001		
9/28/2016					0.0002 (J)
11/14/2016	<0.001				
11/21/2016		0.0001 (J)		0.0001 (J)	0.0002 (J)
11/22/2016			<0.001		
2/1/2017	<0.001	0.0001 (J)			
2/3/2017				0.0002 (J)	
2/6/2017			<0.001		0.0001 (J)
4/6/2017	7E-05 (J)	0.0002 (J)	0.0001 (J)		0.0001 (J)

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
4/7/2017				0.0002 (J)	
6/13/2017	8E-05 (J)	<0.001		0.0002 (J)	8E-05 (J)
6/14/2017			<0.001		
7/14/2017		<0.001			
10/3/2017	<0.001	9E-05 (J)		0.0002 (J)	<0.001
10/4/2017			<0.001		
3/20/2018	<0.001	<0.001		0.00042 (J)	<0.001
3/21/2018			<0.001		
9/17/2018	<0.001				
9/18/2018		<0.001	<0.001	<0.001	<0.001 (D)
3/21/2019	<0.001	<0.001			<0.001
3/27/2019			<0.001		
5/6/2019				0.00032 (J)	
9/13/2019		<0.001			
9/16/2019	<0.001		<0.001 (D)	5.4E-05 (J)	6.1E-05 (J)
3/12/2020	7E-05 (J)	8.2E-05 (J)	5.6E-05 (J)		0.00016 (J)
3/16/2020				0.00016 (J)	
9/16/2020	<0.001	0.00011 (J)			
9/17/2020			8E-05 (J)	6.5E-05 (J)	7.9E-05 (J)
3/17/2021	<0.001	4.9E-05 (J)	<0.001		
3/18/2021				0.00011 (J)	0.0001 (J)
8/10/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/2/2022	<0.001	<0.001	<0.001	<0.001	<0.001
Mean	0.0008736	0.0005517	0.0008976	0.000515	0.000779
Std. Dev.	0.0003255	0.0004621	0.0002951	0.0004203	0.0003953
Upper Lim.	0.001	0.001	0.001	0.001	0.001
Lower Lim.	8E-05	9E-05	0.0001	0.00016	0.0002

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007	<0.005	<0.005	<0.005	<0.005	<0.005	0.0076
11/1/2007	0.0042	0.006	<0.005	<0.005	<0.005	0.0043
11/18/2007			<0.005	<0.005		
11/19/2007					0.0047	0.0061
11/20/2007	0.026	<0.005				
1/16/2008					0.029	
1/30/2008	0.032	0.029 (O)	<0.005	<0.005		
1/31/2008						0.015
3/5/2008			<0.005		0.023	<0.005
3/6/2008	0.019	<0.005		0.0046		
5/7/2008			0.0087	<0.005		
5/8/2008		0.0057				
5/12/2008	0.0072					0.0035
5/13/2008					0.0032	
12/13/2008	0.024				<0.005	0.0079
12/14/2008		<0.005	<0.005	<0.005		
4/16/2009					<0.005	
4/28/2009						<0.005
4/29/2009	0.0026	<0.005	<0.005	<0.005		
10/20/2009	<0.005					
10/21/2009		<0.005			<0.005	<0.005
10/22/2009			<0.005	<0.005		
4/21/2010		<0.005	<0.005	<0.005		
4/26/2010	<0.005					
4/27/2010					<0.005	
4/28/2010						<0.005
9/28/2010		<0.005	<0.005			
9/29/2010	0.0042			<0.005		
10/5/2010					<0.005	<0.005
4/12/2011		<0.005	<0.005			
4/13/2011	<0.005			<0.005		
4/19/2011					0.0025	<0.005
10/4/2011		<0.005	<0.005	<0.005		
10/5/2011	<0.005					
10/12/2011					<0.005	
10/18/2011						0.0031
4/3/2012		<0.005	<0.005			
4/4/2012	<0.005			<0.005		
4/24/2012					<0.005	
4/25/2012						<0.005
10/2/2012					<0.005	<0.005
10/3/2012	0.004		0.0042	<0.005		
10/8/2012		<0.005				
4/2/2013					0.003	<0.005
4/3/2013	0.0028	<0.005	<0.005	<0.005		
10/8/2013						<0.005
10/9/2013			<0.005	<0.005	<0.005	
10/15/2013	0.0036	<0.005				
4/1/2014					0.0025 (J)	<0.005
4/2/2014			0.0025 (J)	<0.005		
4/9/2014	0.0025 (J)	<0.005				
10/1/2014						<0.005

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/2/2014	<0.005	<0.005	0.0016 (J)	<0.005	<0.005	
4/1/2015			<0.005	0.0041	0.0014 (J)	<0.005
4/2/2015	<0.005	<0.005				
10/10/2015	<0.005					
10/11/2015			<0.005	<0.005		
10/12/2015		<0.005				
10/14/2015					0.0021 (J)	
10/15/2015						<0.005
3/31/2016	<0.005	<0.005				
4/4/2016			<0.005	<0.005	0.00264 (J)	<0.005
8/3/2016		<0.005	<0.005		<0.005	
8/4/2016				<0.005		<0.005
8/5/2016	<0.005					
4/10/2017	<0.005	<0.005	<0.005	<0.005		
4/11/2017					0.0027 (J)	
4/12/2017						<0.005
10/4/2017	<0.005	0.0006 (J)	<0.005	<0.005	0.0022 (J)	
10/9/2017						<0.005
3/20/2018	0.0016 (J)					
3/21/2018		<0.005	<0.005			<0.005
3/22/2018				<0.005	0.0025 (J)	
9/18/2018	<0.005	<0.005	<0.005	<0.005	0.0024 (J)	
9/19/2018						<0.005
3/22/2019	0.0022 (J)	<0.005				
3/23/2019			<0.005	<0.005	0.0026 (J)	<0.005
9/17/2019	<0.005	<0.005	<0.005	<0.005	0.0033 (JD)	
9/18/2019						0.00046 (J)
3/12/2020	0.0015 (J)	0.00043 (J)	<0.005	<0.005	0.0022 (J)	
3/13/2020						<0.005
9/17/2020	<0.005	<0.005				
9/21/2020			<0.005	<0.005	0.0019 (J)	
9/22/2020						<0.005
3/18/2021	0.00094 (J)	0.0011 (J)				<0.005
3/19/2021			<0.005	<0.005	0.0022 (J)	
8/10/2021	0.00081 (J)					
8/11/2021		<0.005	<0.005	<0.005	0.0019 (J)	<0.005
2/2/2022					0.0025 (J)	
2/4/2022	0.0014 (J)	<0.005	<0.005	<0.005		
2/17/2022						<0.005
Mean	0.006487	0.004662	0.004912	0.004962	0.004866	0.005234
Std. Dev.	0.007296	0.001289	0.0009828	0.000167	0.005565	0.002071
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.0061
Lower Lim.	0.0036	0.0011	0.0042	0.0046	0.0025	0.0043

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
8/21/2007	<0.005					
8/23/2007			0.0089			
8/24/2007		<0.005		<0.005		
11/1/2007	0.0033					
11/2/2007		0.0029	0.0036	<0.005		
11/17/2007		0.0086	0.014 (O)			
11/18/2007				0.0088 (J)		
11/19/2007	0.0029					
1/15/2008		0.011	0.0096	0.019		
1/31/2008	0.0039					
3/5/2008	<0.005	0.0072				
3/6/2008			0.0038			
3/10/2008				0.017		
5/7/2008	<0.005	0.0045	0.0056			
5/13/2008				0.0058		
12/2/2008		0.011	0.003	0.0043		
12/12/2008	0.022 (O)					
4/16/2009		0.0061				
4/28/2009			<0.005	<0.005		
4/29/2009	0.0034					
10/19/2009			<0.005			
10/20/2009		0.01		<0.005		
10/21/2009	<0.005					
4/20/2010		<0.005				
4/27/2010			0.004	<0.005		
4/28/2010	0.0026					
9/29/2010		<0.005				
10/4/2010			<0.005			
10/5/2010				<0.005		
10/6/2010	<0.005					
4/12/2011		<0.005				
4/18/2011			<0.005			
4/19/2011				<0.005		
4/20/2011	<0.005					
10/4/2011		<0.005				
10/12/2011	<0.005		<0.005	<0.005		
4/4/2012		<0.005				
4/23/2012			<0.005			
4/25/2012	<0.005			<0.005		
10/2/2012	<0.005					
10/10/2012		<0.005	<0.005	<0.005		
4/2/2013	<0.005					
4/15/2013		<0.005	<0.005			
4/16/2013				<0.005		
10/8/2013	<0.005					
10/22/2013		<0.005	<0.005	<0.005		
4/1/2014	<0.005					
4/21/2014		<0.005	<0.005	<0.005		
9/30/2014		<0.005	<0.005	<0.005		
10/1/2014	<0.005					
3/31/2015	<0.005					
4/3/2015		<0.005	<0.005	<0.005		

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
10/6/2015				<0.005		
10/7/2015		<0.005	<0.005			
10/14/2015	<0.005					
3/16/2016					<0.005	<0.005 (D)
4/4/2016	<0.005					
4/5/2016		<0.005	<0.005	<0.005		
5/16/2016					<0.005	0.00316 (JD)
7/25/2016					0.0006 (J)	0.0013 (JD)
8/4/2016			<0.005			
8/9/2016		0.0021 (J)				
9/19/2016					0.0008 (J)	0.0013 (JD)
11/3/2016					0.0007 (J)	
11/4/2016						0.0015 (JD)
1/19/2017					0.0009 (J)	
1/23/2017						0.0015 (JD)
3/28/2017					<0.005 (*)	
3/29/2017						0.0012 (JD)
4/11/2017	<0.005	<0.005		<0.005		
4/12/2017			<0.005			
9/26/2017					0.0007 (J)	
9/27/2017						0.0014 (J)
10/5/2017		<0.005				
10/6/2017	<0.005		0.001 (J)	<0.005		
3/15/2018					<0.005	0.0011 (J)
3/22/2018		<0.005				
3/23/2018	<0.005		<0.005	<0.005		
9/12/2018					<0.005	
9/13/2018						0.001 (J)
9/19/2018		0.00096 (J)	<0.005	<0.005		
9/20/2018	<0.005					
3/14/2019					<0.005	0.001 (JD)
3/22/2019	<0.005	<0.005		<0.005		
3/25/2019			0.0011 (J)			
9/11/2019					0.00058 (J)	0.0012 (JD)
9/17/2019		0.0007 (X)	0.00057 (J)	<0.005		
9/18/2019	<0.005					
3/10/2020					0.00086 (J)	0.0012 (J)
3/13/2020		0.00078 (J)	0.00072 (J)	<0.005		
3/17/2020	0.00082 (J)					
9/11/2020						0.00099 (J)
9/15/2020					<0.005	
9/21/2020		<0.005	0.0015 (J)	<0.005		
9/22/2020	<0.005					
3/11/2021					<0.005	0.00092 (J)
3/18/2021		<0.005	0.00079 (J)	<0.005		
3/19/2021	<0.005					
8/4/2021					<0.005	
8/6/2021						0.00098 (J)
8/11/2021		<0.005	<0.005	<0.005		
8/12/2021	<0.005					
1/31/2022					<0.005	
2/1/2022						0.0011 (J)

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
2/4/2022	<0.005	<0.005	0.00093 (J)			
2/7/2022				<0.005		
Mean	0.004591	0.005172	0.004246	0.005906	0.003244	0.001521
Std. Dev.	0.0009665	0.00234	0.002107	0.003204	0.002165	0.001032
Upper Lim.	0.005	0.0061	0.005	0.0058	0.005	0.0015
Lower Lim.	0.0039	0.0045	0.0038	0.005	0.0007	0.00099

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		<0.005	<0.005	<0.005	0.00235 (J)	
3/16/2016	<0.005 (D)					
3/17/2016						<0.005
5/16/2016	<0.005 (D)					
5/17/2016		<0.005			0.00489 (J)	
5/18/2016			<0.005	<0.005		<0.005
7/25/2016	<0.005 (D)					
7/26/2016		<0.005				
7/27/2016			<0.005	0.0007 (J)	0.0036 (J)	<0.005
9/19/2016	<0.005 (D)					
9/20/2016		0.0013 (J)	<0.005	0.0007 (J)	0.0035 (J)	
9/21/2016						<0.005
11/3/2016	<0.005 (D)					
11/4/2016		<0.005		0.0006 (J)	0.0035 (J)	<0.005
11/7/2016			<0.005			
1/20/2017	<0.005 (D)	<0.005		<0.005		
1/23/2017			<0.005		<0.005	
1/24/2017						<0.005
3/28/2017		<0.005			0.0033 (J)	
3/29/2017	<0.005 (D)		0.0004 (J)	0.0003 (J)		<0.005
9/27/2017	<0.005		<0.005	<0.005		
9/29/2017		<0.005			0.0036 (J)	<0.005
3/15/2018	<0.005	<0.005	<0.005		0.0033 (J)	<0.005
3/16/2018				<0.005		
9/13/2018	<0.005	<0.005	<0.005	<0.005	0.0038 (J)	<0.005
3/14/2019	<0.005 (D)					
3/15/2019			<0.005		0.0033 (J)	
3/18/2019		<0.005				<0.005
3/19/2019				0.0042 (J)		
9/11/2019	<0.005 (D)	<0.005		0.0014 (J)	0.00405 (JD)	<0.005
9/12/2019			<0.005			
3/9/2020			<0.005	<0.005	0.0039 (J)	
3/10/2020	<0.005	<0.005				
3/11/2020						0.0004 (J)
9/11/2020	<0.005					<0.005
9/14/2020		<0.005	<0.005		0.0046 (J)	
9/15/2020				<0.005		
3/11/2021	<0.005	<0.005	<0.005	<0.005	0.0047 (J)	
3/15/2021						<0.005
8/4/2021					0.0045 (J)	
8/5/2021		<0.005	<0.005	<0.005		
8/6/2021	0.00095 (J)					
8/11/2021						<0.005
1/31/2022		<0.005			0.0052	
2/1/2022	<0.005		<0.005	<0.005		<0.005
Mean	0.004762	0.004782	0.004729	0.0037	0.003946	0.004729
Std. Dev.	0.0009823	0.0008974	0.001116	0.001989	0.0007644	0.001116
Upper Lim.	0.005	0.005	0.005	0.005	0.004425	0.005
Lower Lim.	0.00095	0.0013	0.0004	0.0007	0.003468	0.0004

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-7Z	GWC-8RR	GWC-8Z
8/22/2007			<0.005			
8/23/2007		0.0069				
10/25/2007		0.038	0.0028			
11/19/2007		0.025				
11/20/2007			0.012			
1/23/2008		0.047	0.046 (O)			
3/11/2008		0.042	0.0091			
5/12/2008		0.031				
5/14/2008			0.022			
12/11/2008		0.027	0.005			
4/15/2009		0.025				
4/23/2009			0.0031			
10/9/2009		0.051	0.0053			
5/4/2010		0.025	<0.005			
10/11/2010			0.0042			
10/12/2010		0.024				
4/26/2011			0.0051			
4/28/2011		0.01				
10/18/2011			<0.005		<0.005	
10/19/2011		0.03				
4/30/2012					<0.005	
5/2/2012		0.0429	<0.005			
10/3/2012					<0.005	
10/8/2012			<0.005			
10/9/2012		0.033				
4/8/2013					<0.005	
4/10/2013			<0.005			
4/11/2013		0.02				
10/8/2013			0.0025			
10/9/2013					<0.005	
10/16/2013		0.028				
4/10/2014					<0.005	
4/14/2014			0.0025 (J)			
4/23/2014		0.024				
10/2/2014					<0.005	
10/3/2014		0.032	0.0021 (J)			
3/31/2015		0.012				
4/1/2015			0.0026			
4/3/2015					<0.005	
5/26/2015						0.002 (J)
6/18/2015						0.0025 (D)
7/2/2015						<0.005
10/8/2015					0.003	<0.005
10/9/2015			<0.005			
10/12/2015		0.012				
3/17/2016	0.00778 (J)					
3/22/2016						<0.005
3/28/2016		0.0172				
3/29/2016			<0.005			
3/30/2016					<0.005	
5/18/2016	<0.005					
7/28/2016	0.0024 (J)					

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-7Z	GWC-8RR	GWC-8Z
8/1/2016		0.0113	<0.005			
8/2/2016				0.0011 (J)	<0.005	<0.005
9/21/2016	0.0044 (J)					
11/7/2016	0.0035 (J)					
1/24/2017	0.005 (J)					
3/30/2017	0.0046 (J)					
4/3/2017		0.0114				
4/6/2017			0.0005 (J)	0.0011 (J)	0.0003 (J)	
4/7/2017						0.0007 (J)
9/29/2017	0.004 (J)					
10/3/2017		0.0098 (J)	<0.005	0.0012 (J)		0.0006 (J)
10/4/2017					<0.005	
3/15/2018	0.0028 (J)					
3/19/2018		0.0092 (J)	<0.005			
3/20/2018				<0.005		<0.005
3/21/2018					<0.005	
9/14/2018	0.0024 (J)					
9/17/2018		0.0085 (J)	<0.005			
9/18/2018				<0.005	<0.005	<0.005
3/19/2019	0.0047 (J)					
3/20/2019		0.008 (J)				
3/21/2019			<0.005	0.00099 (J)		
3/27/2019					<0.005	
5/6/2019						<0.005
9/11/2019	0.0012 (J)					
9/13/2019				0.00061 (J)		
9/16/2019		0.008 (J)	<0.005		<0.005 (D)	<0.005
3/9/2020	0.003 (J)					
3/12/2020			<0.005	0.00078 (J)	<0.005	
3/16/2020		0.015				0.0006 (J)
9/14/2020	0.0014 (J)					
9/16/2020		0.0075 (J)	<0.005	<0.005		
9/17/2020					<0.005	<0.005
3/15/2021	0.0013 (J)					
3/17/2021		0.0077	<0.005	<0.005	<0.005	
3/18/2021						<0.005
8/5/2021	0.0023 (J)					
8/9/2021		0.0089				
8/10/2021			<0.005	0.0009 (J)	<0.005	<0.005
2/1/2022	0.0014 (J)					
2/2/2022		0.0088	<0.005	<0.005	<0.005	<0.005
Mean	0.003364	0.02109	0.005267	0.00264	0.004695	0.003906
Std. Dev.	0.001764	0.01293	0.003573	0.002089	0.00107	0.001805
Upper Lim.	0.004469	0.028	0.005	0.005	0.005	0.005
Lower Lim.	0.002259	0.0098	0.0042	0.00078	0.003	0.002

Confidence Interval

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9
8/23/2007	0.0046
11/1/2007	0.0057
11/19/2007	0.014 (J)
1/15/2008	0.057 (O)
3/6/2008	0.046 (O)
5/13/2008	0.0069
12/12/2008	0.0061
4/16/2009	0.0067 (J)
10/13/2009	0.0054
4/21/2010	<0.005
9/29/2010	<0.005
4/13/2011	<0.005
10/5/2011	<0.005
4/4/2012	<0.005
10/8/2012	<0.005
4/8/2013	<0.005
10/9/2013	0.0029
4/9/2014	0.0025 (J)
9/30/2014	<0.005
4/2/2015	0.0016 (J)
10/10/2015	0.00295 (D)
3/30/2016	0.00116 (J)
8/5/2016	<0.005
4/6/2017	0.001 (J)
10/3/2017	0.0007 (J)
3/20/2018	0.00097 (J)
9/18/2018	<0.005 (D)
3/21/2019	0.001 (J)
9/16/2019	0.00062 (J)
3/12/2020	0.0011 (J)
9/17/2020	<0.005
3/18/2021	0.001 (J)
8/10/2021	0.001 (J)
2/2/2022	0.0011 (J)
Mean	0.003875
Std. Dev.	0.002774
Upper Lim.	0.005
Lower Lim.	0.00116

Confidence Interval

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:24 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/31/2016	7.21	7.54				
4/4/2016			7.16	8.01	6.53 (D)	7.44 (D)
5/26/2016	7.3	7.43	7.23	7.91		
5/27/2016					6.45	
5/31/2016						7.37
8/3/2016		7.41	6.96		6.41	
8/4/2016				7.85		7.32
8/5/2016	7.54					
9/28/2016	7.48	7.26	7.6	8.26		
9/29/2016						7.38
9/30/2016					6.46	
11/22/2016	7.54	7.38	6.71	7.79	6.39	
11/28/2016						7.43
2/7/2017	7.17	7.46				
2/8/2017			6.84	7.77		
2/9/2017						7.36
2/13/2017					6.4	
4/10/2017	6.72	7.51	7.13	7.95		
4/11/2017					6.37	
4/12/2017						7.46
6/14/2017	6.83	7.34			5.85	
6/15/2017			7.1	7.79		
6/16/2017						7.36
10/4/2017	7.38	7.54	6.25	7.74	6.27	
10/9/2017						7.38
3/20/2018	6.23					
3/21/2018		7.33	7.07			7.33
3/22/2018				7.72	6.45	
9/18/2018	7.14	7.66	6.9	7.88	6.42	
9/19/2018						7.31
3/22/2019	6.23	7.34				
3/23/2019			6.27	7.56	6.34	7.27
9/17/2019	7.16	7.51	6.55	7.58	6.19 (D)	
9/18/2019						7.28
3/12/2020	6.43	7.49	6.3	7.6	6.17	
3/13/2020						7.25
9/17/2020	7.28	7.7				
9/21/2020			7.02	7.84	6.28	
9/22/2020						7.34
3/18/2021	6.69	7.52				7.3
3/19/2021			7.05	7.64	6.31	
5/26/2021				7.55		
8/10/2021	6.63					
8/11/2021		7.46	6.02	7.65	6.05	7.07
2/2/2022					6.35	
2/4/2022	6.53	7.69	7.2	7.58		
2/17/2022						7.24
Mean	6.972	7.476	6.853	7.772	6.316	7.327
Std. Dev.	0.4407	0.1245	0.4198	0.1829	0.1659	0.08976
Upper Lim.	7.273	7.561	7.14	7.893	6.427	7.389
Lower Lim.	6.671	7.391	6.567	7.651	6.212	7.266

Confidence Interval

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/16/2016					4.49	5.1
4/4/2016	8.56 (o)					
4/5/2016		10.61 (o)	7.71	9.23 (o)		
5/16/2016					4.55	5.15
5/31/2016			7.66	9.52 (o)		
6/1/2016	9.83 (o)	10.32 (o)				
7/25/2016					4.63	5.13
8/4/2016			7.8			
8/9/2016		8.23 (o)				
9/19/2016					4.65	5
9/29/2016			7.46			
11/3/2016					4.69	
11/4/2016						5.02
11/23/2016			7.62	7.88		
11/28/2016		7.29				
1/19/2017					4.58	
1/23/2017						4.9
2/9/2017		6.91				
2/10/2017			7.51	7.72		
2/22/2017	7.45					
3/28/2017					4.45	
3/29/2017						5.08
4/11/2017	6.37	6.68		7.83		
4/12/2017			7.54			
6/5/2017					4.33	
6/7/2017						5.06
6/14/2017		6.84				
6/15/2017			7.71	7.86		
6/16/2017	7.33					
7/12/2017	7.46	6.54		7.73		
7/20/2017					4.38	
7/26/2017				7.71		
7/27/2017	7.37					
7/28/2017	7.37					
8/9/2017	7.38					
8/10/2017	7.38					
9/26/2017					4.51	
9/27/2017						4.92
10/5/2017		6.93				
10/6/2017	6.55		7.58	7.74		
12/28/2017	7.43 (Y)					
12/29/2017						5.08 (Y)
3/15/2018					4.34	4.6
3/22/2018		6.93				
3/23/2018	7.58		7.34	7.89		
9/12/2018					4.49	
9/13/2018						5.26
9/19/2018		6.88	7.66	7.77		
9/20/2018	7.43					
3/14/2019					4.41	5.01 (D)
3/22/2019	7.49	6.27		7.55		
3/25/2019			7.64			

Confidence Interval

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
9/11/2019					4.36	4.93 (D)
9/17/2019		6.04	7.35	7.76		
9/18/2019	7.5					
3/10/2020					4.44	4.98
3/13/2020		6.16	7.56	7.68		
3/17/2020	7.62					
9/11/2020						4.91
9/15/2020					4.46	
9/21/2020		6.06	7.48	7.65		
9/22/2020	6.95					
12/15/2020						4.92
3/11/2021					4.21	4.68
3/18/2021		6.04	7.58	7.87		
3/19/2021	7.42					
8/4/2021					4.38	
8/6/2021						4.65
8/11/2021		6.09	7.59	7.81		
8/12/2021	7.11					
1/31/2022					4.78	
2/1/2022						4.88
2/4/2022	7.46	6.06	7.61			
2/7/2022				7.83		
Mean	7.297	6.515	7.578	7.768	4.481	4.963
Std. Dev.	0.3323	0.4309	0.1195	0.09413	0.1412	0.1689
Upper Lim.	7.49	6.93	7.659	7.837	4.574	5.071
Lower Lim.	7.11	6.06	7.496	7.698	4.387	4.855

Confidence Interval

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		7.39	7.56	8.08	5.66	
3/16/2016	7.22					
3/17/2016						7.82
5/16/2016	7.34					
5/17/2016		7.32			5.11	
5/18/2016			7.58	7.91		7.85
7/25/2016	7.38					
7/26/2016		7.32				
7/27/2016			7.58	7.83	5.17	7.87
9/19/2016	7.37					
9/20/2016		7.3	7.68	7.69	5.12	
9/21/2016						7.8
11/3/2016	7.52					
11/4/2016		7.38		7.75	5.03	7.89
11/7/2016			7.7			
1/20/2017	7.3	7.29		7.6		
1/23/2017			7.61		5.1	
1/24/2017						7.97
3/28/2017		7.21			5.03	
3/29/2017	7.29		7.57	7.63		7.71
6/7/2017	7.43	7.47				
6/8/2017			7.48	7.64	4.77	7.86
9/27/2017	7.2		7.55	7.62		
9/29/2017		7.42			5.06	7.72
12/28/2017			7.59 (Y)		5.07 (Y)	7.71 (Y)
3/15/2018	6.87	7.22	7.42		5.14	7.51
3/16/2018				7.72		
9/13/2018	7.31	7.52	7.49	7.68	5.02	8.02
3/14/2019	7.14 (D)					
3/15/2019			7.45		5.28	
3/18/2019		7.39				7.89
3/19/2019				7.93		
9/11/2019	7.2 (D)	7.36		7.55	4.93	8.22
9/12/2019			7.48			
3/9/2020			7.19	7.51	5.18	
3/10/2020	7.05	7.44				
3/11/2020						8.19
9/11/2020	7.26					8
9/14/2020		7.43	7.54		5	
9/15/2020				7.64		
3/11/2021	7.21	7.53	7.34	7.48	4.95	
3/15/2021						8.05
5/26/2021		7.39			4.72	
8/4/2021					4.91	
8/5/2021		7.44	7.41	7.45		
8/6/2021	7.05					
8/11/2021						7.98
10/28/2021			7.34	7.36		
1/31/2022		7.48			4.86	
2/1/2022	7.15		7.55	7.54		7.63
Mean	7.238	7.384	7.506	7.664	5.056	7.878
Std. Dev.	0.1542	0.0907	0.1225	0.1789	0.1983	0.1806

Confidence Interval

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
Upper Lim.	7.344	7.444	7.584	7.782	5.182	7.998
Lower Lim.	7.133	7.324	7.427	7.546	4.929	7.759

Confidence Interval

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
3/17/2016	6.4					
3/28/2016		7.04				
3/29/2016			7.54	7.24		
3/30/2016						8.2
5/18/2016	6.17					
5/24/2016			7.39	7.1		8.07
5/25/2016		6.39				
5/31/2016					7.98	
7/28/2016	5.85					
8/1/2016		6.13	7.26	7.07		
8/2/2016					7.64	8.07
9/21/2016	5.61					
9/26/2016			7.19	7.15		
9/27/2016		5.98			7.18	8.06
11/7/2016	5.71					
11/11/2016		6.11				
11/14/2016				7.15		
11/18/2016			7.04			
11/21/2016					7.49	
11/22/2016						8.07
1/24/2017	5.58					
1/31/2017		6.08				
2/1/2017			7.34	7.09	7.2	
2/6/2017						7.88
3/30/2017	5.44					
4/3/2017		6.13				
4/6/2017			7.49	7.23	7.42	7.86
6/9/2017	5.11					
6/12/2017		6.83				
6/13/2017			7.38	6.99	7.25	
6/14/2017						7.66
7/14/2017					7.5	
9/29/2017	5.51					
10/3/2017		6.2	7.39	7.09	7.5	
10/4/2017						7.84
1/9/2018						7.86 (Y)
1/10/2018	5.51 (Y)					
3/15/2018	5.12					
3/19/2018		6.06	7.32			
3/20/2018				6.9	6.76	
3/21/2018						7.9
9/14/2018	5.38					
9/17/2018		6.14	7.57	6.96		
9/18/2018					7.26	7.92
3/19/2019	5.6					
3/20/2019		6.29				
3/21/2019			7.21	6.82	7.3	
3/27/2019						8.07
9/11/2019	5.35					
9/13/2019					6.8	
9/16/2019		6.09	7.35	6.83		7.9 (D)
3/9/2020	5.6					

Confidence Interval

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
3/12/2020			7.4	6.88	7.53	8.02
3/16/2020		6.88				
9/14/2020	5.32					
9/16/2020		6	7.33	6.99	7.56	
9/17/2020						7.96
3/15/2021	5.31					
3/17/2021		5.85	7.57	7.03	7.52	8.08
8/5/2021	5.34					
8/9/2021		5.71				
8/10/2021			7.16	6.65	7.13	7.89
2/1/2022	5					
2/2/2022		5.9	7.4	6.8	7.54	8.13
Mean	5.522	6.212	7.352	6.998	7.364	7.971
Std. Dev.	0.3445	0.361	0.1432	0.1604	0.293	0.1302
Upper Lim.	5.749	6.39	7.449	7.108	7.565	8.057
Lower Lim.	5.294	5.98	7.254	6.889	7.164	7.885

Confidence Interval

Constituent: pH (pH_units) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
3/22/2016	7.53 (D)	
3/30/2016		6.07
5/25/2016	8.04	
5/26/2016		6.44
8/2/2016	7.74	
8/5/2016		6.67
9/26/2016	7.4	
9/28/2016		6.89
11/21/2016	7.4	6.89
2/3/2017	7.05	
2/6/2017		4.93
4/6/2017		4.92
4/7/2017	7.14	
6/13/2017	7.52	5.03
10/3/2017	7.38	6.01
3/20/2018	7.27	4.88
9/18/2018	6.95	5.36 (D)
3/21/2019		5.33
5/6/2019	7.98	
9/16/2019	7.15	6.03
3/12/2020		4.82
3/16/2020	7.01	
9/17/2020	7.05	6.39
3/18/2021	6.45	4.78
8/10/2021	6.99	4.71
2/2/2022	8.92	4.81
Mean	7.387	5.609
Std. Dev.	0.5433	0.8028
Upper Lim.	7.758	6.44
Lower Lim.	7.016	4.82

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13RZ	GWC-14Z	GWC-15R	GWC-44	GWC-46R
8/21/2007	<0.005	<0.005				
8/23/2007				<0.005		
8/24/2007			<0.005			
11/1/2007	<0.005	<0.005				
11/2/2007			<0.005	<0.005		
11/17/2007			<0.005	<0.005		
11/19/2007	<0.005	<0.005				
1/15/2008			<0.005	<0.005		
1/31/2008	<0.005	<0.005				
3/5/2008	<0.005	<0.005	<0.005			
3/6/2008				<0.005		
5/7/2008		<0.005	<0.005	<0.005		
5/12/2008	<0.005					
12/2/2008			<0.005	<0.005		
12/12/2008		<0.005				
12/13/2008	<0.005					
4/16/2009			<0.005			
4/28/2009	<0.005			<0.005		
4/29/2009		<0.005				
10/19/2009				<0.005		
10/20/2009			<0.005			
10/21/2009	<0.005	<0.005				
4/20/2010			<0.005			
4/27/2010				<0.005		
4/28/2010	<0.005	<0.005				
9/29/2010			<0.005			
10/4/2010				<0.005		
10/5/2010	<0.005					
10/6/2010		<0.005				
4/12/2011			<0.005			
4/18/2011				<0.005		
4/19/2011	<0.005					
4/20/2011		<0.005				
10/4/2011			<0.005			
10/12/2011		<0.005		<0.005		
10/18/2011	<0.005					
4/4/2012			<0.005			
4/23/2012				<0.005		
4/25/2012	<0.005	<0.005				
10/2/2012	<0.005	<0.005				
10/10/2012			<0.005	<0.005		
4/2/2013	<0.005	<0.005				
4/15/2013			<0.005	<0.005		
10/8/2013	<0.005	<0.005				
10/22/2013			<0.005	<0.005		
4/1/2014	<0.005	<0.005				
4/21/2014			<0.005	<0.005		
9/30/2014			<0.005	<0.005		
10/1/2014	<0.005	<0.005				
3/31/2015		<0.005				
4/1/2015	<0.005					
4/3/2015			<0.005	<0.005		

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13RZ	GWC-14Z	GWC-15R	GWC-44	GWC-46R
10/7/2015			<0.005	<0.005		
10/14/2015		<0.005				
10/15/2015	0.0055					
3/10/2016						<0.005
3/16/2016					0.002 (J)	
4/4/2016	0.00286 (J)	<0.005				
4/5/2016			<0.005	<0.005		
5/16/2016					0.0021 (J)	
5/17/2016						<0.005
5/31/2016	0.00303 (J)			<0.005		
6/1/2016		<0.005	<0.005			
7/25/2016					<0.005	
7/26/2016						0.0009 (J)
8/4/2016	0.005 (J)			<0.005		
8/9/2016			<0.005			
9/19/2016					<0.005	
9/20/2016						<0.005
9/29/2016	0.0074 (J)			<0.005		
11/3/2016					<0.005	
11/4/2016						<0.005
11/23/2016				0.0016 (J)		
11/28/2016	0.0073 (J)		<0.005			
1/19/2017					<0.005	
1/20/2017						<0.005
2/9/2017	0.0067 (J)		<0.005			
2/10/2017				<0.005		
2/22/2017		0.0014 (J)				
3/28/2017					0.0033 (J)	<0.005
4/11/2017		0.0024 (J)	<0.005			
4/12/2017	0.0048 (J)			<0.005		
6/5/2017					0.0068 (J)	
6/7/2017						<0.005
6/14/2017			<0.005			
6/15/2017				<0.005		
6/16/2017	0.007 (J)	<0.005				
7/12/2017		0.0019 (J)	<0.005			
7/28/2017		<0.005				
8/10/2017		0.0019 (J)				
9/26/2017					0.0037 (J)	
9/29/2017						<0.005
10/5/2017			<0.005			
10/6/2017		<0.005		<0.005		
10/9/2017	0.0048 (J)					
3/15/2018					0.0031 (J)	<0.005
3/21/2018	0.0021 (J)					
3/22/2018			<0.005			
3/23/2018		<0.005		<0.005		
9/12/2018					<0.005	
9/13/2018						<0.005
9/19/2018	0.0019 (J)		<0.005	<0.005		
9/20/2018		<0.005				
3/14/2019					0.0042 (J)	

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13RZ	GWC-14Z	GWC-15R	GWC-44	GWC-46R
3/18/2019						<0.005
3/22/2019		<0.005	<0.005			
3/23/2019	<0.005					
3/25/2019				<0.005		
9/11/2019					0.0021 (J)	<0.005
9/17/2019			<0.005	<0.005		
9/18/2019	0.0018 (J)	<0.005				
3/10/2020					0.0063 (J)	<0.005
3/13/2020	0.0019 (J)		0.0016 (J)	<0.005		
3/17/2020		<0.005				
9/14/2020						<0.005
9/15/2020					<0.005	
9/21/2020			<0.005	<0.005		
9/22/2020	<0.005	<0.005				
3/11/2021					<0.005	<0.005
3/18/2021	0.0021 (J)		0.0016 (J)	<0.005		
3/19/2021		<0.005				
8/4/2021					0.0036 (J)	
8/5/2021						<0.005
8/11/2021	<0.005		<0.005	<0.005		
8/12/2021		<0.005				
1/31/2022					0.0018 (J)	<0.005
2/4/2022		<0.005	<0.005	<0.005		
2/17/2022	<0.005					
Mean	0.004723	0.004682	0.004826	0.004913	0.004111	0.004772
Std. Dev.	0.001357	0.0009597	0.0007597	0.0005444	0.001486	0.0009664
Upper Lim.	0.005	0.005	0.005	0.005	0.004125	0.005
Lower Lim.	0.0048	0.0024	0.005	0.005	0.002407	0.0009

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-5	GWC-6RZ	GWC-8Z	GWC-9
8/23/2007		<0.005			<0.005
10/25/2007		<0.005			
11/1/2007					<0.005
11/19/2007		<0.005			<0.005
1/15/2008					<0.005
1/23/2008		<0.005			
3/6/2008					<0.005
3/11/2008		<0.005			
5/12/2008		<0.005			
5/13/2008					<0.005
12/11/2008		<0.005			
12/12/2008					<0.005
4/15/2009		<0.005			
4/16/2009					<0.005
10/9/2009		0.015 (O)			
10/13/2009					<0.005
4/21/2010					<0.005
5/4/2010		<0.005			
9/29/2010					<0.005
10/12/2010		<0.005			
4/13/2011					<0.005
4/28/2011		<0.005			
10/5/2011					<0.005
10/19/2011		<0.005			
4/4/2012					<0.005
5/2/2012		<0.005			
10/8/2012					<0.005
10/9/2012		0.0054			
4/8/2013					<0.005
4/11/2013		0.0072			
10/9/2013					<0.005
10/16/2013		<0.005			
4/9/2014					<0.005
4/23/2014		0.0067			
9/30/2014					<0.005
10/3/2014		<0.005			
3/31/2015		<0.005			
4/2/2015					<0.005
5/26/2015			<0.005	<0.005	
6/18/2015			<0.005 (D)	<0.005 (D)	
7/2/2015			<0.005	<0.005	
10/8/2015				<0.005	
10/9/2015			<0.005		
10/10/2015					<0.005 (D)
10/12/2015		<0.005			
3/10/2016	<0.005				
3/22/2016				<0.005	
3/28/2016		<0.005			
3/29/2016			<0.005		
3/30/2016					0.00202 (J)
5/17/2016	<0.005				
5/24/2016			<0.005		

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-5	GWC-6RZ	GWC-8Z	GWC-9
5/25/2016		<0.005		<0.005	
5/26/2016					<0.005
7/27/2016	0.0009 (J)				
8/1/2016		<0.005	<0.005		
8/2/2016				<0.005	
8/5/2016					<0.005
9/20/2016	<0.005				
9/26/2016			<0.005	<0.005	
9/27/2016		<0.005			
9/28/2016					<0.005
11/4/2016	<0.005				
11/11/2016		<0.005			
11/14/2016			<0.005		
11/21/2016				<0.005	<0.005
1/23/2017	<0.005				
1/31/2017		<0.005			
2/1/2017			<0.005		
2/3/2017				<0.005	
2/6/2017					<0.005
3/28/2017	<0.005				
4/3/2017		<0.005			
4/6/2017			<0.005		<0.005
4/7/2017				<0.005	
6/8/2017	<0.005				
6/12/2017		<0.005			
6/13/2017			<0.005	<0.005	<0.005
9/29/2017	<0.005				
10/3/2017		<0.005	<0.005	<0.005	<0.005
3/15/2018	<0.005				
3/19/2018		<0.005			
3/20/2018			<0.005	<0.005	<0.005
9/13/2018	<0.005				
9/17/2018		<0.005	<0.005		
9/18/2018				<0.005	<0.005 (D)
3/15/2019	<0.005				
3/20/2019		<0.005			
3/21/2019			<0.005		<0.005
5/6/2019				<0.005	
9/11/2019	<0.005 (D)				
9/16/2019		<0.005	<0.005	<0.005	<0.005
3/9/2020	<0.005				
3/12/2020			<0.005		<0.005
3/16/2020		<0.005		<0.005	
9/14/2020	<0.005				
9/16/2020		<0.005	<0.005		
9/17/2020				<0.005	<0.005
3/11/2021	<0.005				
3/17/2021		0.0019 (J)	0.0038 (J)		
3/18/2021				0.0089	<0.005
8/4/2021	<0.005				
8/9/2021		<0.005			
8/10/2021			<0.005	<0.005	<0.005

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-5	GWC-6RZ	GWC-8Z	GWC-9
1/31/2022	<0.005				
2/2/2022		<0.005	<0.005	<0.005	<0.005
Mean	0.004772	0.005032	0.004945	0.005177	0.004924
Std. Dev.	0.0009664	0.000687	0.0002558	0.0008315	0.0004772
Upper Lim.	0.005	0.005	0.005	0.0089	0.005
Lower Lim.	0.0009	0.005	0.0038	0.005	0.005

Confidence Interval

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-13RZ
8/21/2007	<0.005	<0.005
11/1/2007	<0.005	<0.005
11/19/2007	<0.005	<0.005
1/16/2008	<0.005	
1/31/2008		<0.005
3/5/2008	0.0046	<0.005
5/7/2008		<0.005
5/13/2008	<0.005	
12/12/2008		<0.005
12/13/2008	<0.005	
4/16/2009	<0.005	
4/29/2009		0.0026
10/21/2009	<0.005	<0.005
4/27/2010	<0.005	
4/28/2010		<0.005
10/5/2010	<0.005	
10/6/2010		<0.005
4/19/2011	<0.005	
4/20/2011		<0.005
10/12/2011	<0.005	<0.005
4/24/2012	<0.005	
4/25/2012		<0.005
10/2/2012	<0.005	<0.005
4/2/2013	<0.005	<0.005
10/8/2013		<0.005
10/9/2013	<0.005	
4/1/2014	<0.005	<0.005
10/1/2014		<0.005
10/2/2014	<0.005	
3/31/2015		<0.005
4/1/2015	<0.005	
10/14/2015	<0.005	<0.005
4/4/2016	<0.005	<0.005
8/3/2016	<0.005	
4/11/2017	<0.005	<0.005
10/4/2017	<0.005	
10/6/2017		<0.005
3/22/2018	<0.005	
3/23/2018		<0.005
9/18/2018	<0.005	
9/20/2018		<0.005
3/22/2019		<0.005
3/23/2019	<0.005	
9/17/2019	<0.005 (D)	
9/18/2019		<0.005
3/12/2020	<0.005	
3/17/2020		<0.005
9/21/2020	<0.005	
9/22/2020		<0.005
3/19/2021	<0.005	<0.005
8/11/2021	<0.005	
8/12/2021		<0.005

Confidence Interval

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-13RZ
2/2/2022	<0.005	
2/4/2022		<0.005
Mean	0.004988	0.004927
Std. Dev.	6.86E-05	0.0004178
Upper Lim.	0.005	0.005
Lower Lim.	0.005	0.005

Confidence Interval

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/31/2016	1.17	1.5				
4/4/2016			2.57	2.99	0.3574 (J)	24.8
5/26/2016	1.01	1.51	2.5	2.68		
5/27/2016					<1	
5/31/2016						42.5
8/3/2016		1.4	3		0.35 (J)	
8/4/2016				3.6		91
8/5/2016	1.1					
9/28/2016	1	1.6	2.3	4.4		
9/29/2016						110
9/30/2016					0.47 (J)	
11/22/2016	1.8	1.6	3.8	3.8	0.36 (J)	
11/28/2016						120
2/7/2017	1.7	2				
2/8/2017			3.1	2.7		
2/9/2017						150
2/13/2017					0.79 (J)	
4/10/2017	1.9	1.7	2.5	2.2		
4/11/2017					0.42 (J)	
4/12/2017						120
6/14/2017	1.1	1.4			0.3 (J)	
6/15/2017			2.5	2.3		
6/16/2017						120
10/4/2017	1.8	1.4	2.5	2.8	0.36 (J)	
10/9/2017						130
3/20/2018	1.4					
3/21/2018		1.1	2.4			59.1
3/22/2018				2.2	0.3 (J)	
9/18/2018	1.6	1.9	2.8	2.6	<1	
9/19/2018						64.5
3/22/2019	1.6	1.3				
3/23/2019			2.1	2.1	0.3 (J)	15.5 (J)
9/17/2019	1.2	1.6	2.6	2	<1 (D)	
9/18/2019						50.7
3/12/2020	1.3	0.99 (J)	1.8	1.5	<1	
3/13/2020						16.9
9/17/2020	0.87 (J)	0.95 (J)				
9/21/2020			2	1.8	<1	
9/22/2020						39.6
3/18/2021	1.2	0.96 (J)				19.3
3/19/2021			1.9	1.5	<1	
8/10/2021	1.3					
8/11/2021		1	1.4	1.5	<1	9.7
2/2/2022					<1	
2/4/2022	1.2	1.1	1.7	1.5		
2/17/2022						6.9
Mean	1.347	1.389	2.415	2.454	0.4449	66.14
Std. Dev.	0.3121	0.3212	0.5654	0.8403	0.1185	48.2
Upper Lim.	1.536	1.584	2.757	2.962	0.5	95.3
Lower Lim.	1.158	1.195	2.073	1.945	0.35	36.98

Confidence Interval

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/16/2016					14.7828	0.31682 (JD)
4/4/2016	17.5					
4/5/2016		1.65	7.45	10.1		
5/16/2016					10.2	0.5151 (JD)
5/31/2016			7.29	12.1		
6/1/2016	20.9	1.75				
7/25/2016					8.4	0.84 (D)
8/4/2016			7.6			
9/19/2016					2.5	0.72 (JD)
9/29/2016			6.1			
11/3/2016					3.3	
11/4/2016						0.75 (JD)
11/23/2016			10	1.3		
11/28/2016		2.7				
1/19/2017					3.2	
1/23/2017						0.99 (JD)
2/9/2017		2.7				
2/10/2017			6.7	4.2		
2/22/2017	48					
3/28/2017					16 (J)	
3/29/2017						1.5 (D)
4/11/2017	41	4.9		3.2		
4/12/2017			9.2			
6/5/2017					38	
6/7/2017						0.63 (J)
6/14/2017		2.4				
6/15/2017			9.2	2.5		
6/16/2017	33					
7/12/2017	58	4.1		6.9		
7/20/2017					48	
7/26/2017				2.9		
7/28/2017	55					
8/10/2017	66					
9/26/2017					18	
9/27/2017						1.2
10/5/2017		1.6				
10/6/2017	77		10	6.6		
3/15/2018					32.4	0.75 (J)
3/22/2018		2.5				
3/23/2018	75.8		10.6	1.6		
9/12/2018					16	
9/13/2018						1.3
9/19/2018		1.7	10.4	2.6		
9/20/2018	72.2					
3/14/2019					79.7 (O)	0.72 (D)
3/22/2019	57.9	6.2		2.1		
3/25/2019			11.2			
9/11/2019					19.8	<1 (D)
9/17/2019		6.1	13.1	1.6		
9/18/2019	68.1					
3/10/2020					48.5	0.61 (J)
3/13/2020		11.1	8.8	1.1		

Confidence Interval

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/17/2020	72.1					
9/11/2020						<1
9/15/2020					23.1	
9/21/2020		5.5	9	0.9 (J)		
9/22/2020	69.8					
3/11/2021					35.5	<1
3/18/2021		7.8	10.4	0.76 (J)		
3/19/2021	74.2					
8/4/2021					35.1	
8/6/2021						<1
8/11/2021		6.9	9.1	0.65 (J)		
8/12/2021	56.7					
1/31/2022					29.7	
2/1/2022						<1
2/4/2022	63.1	6.4	8.3			
2/7/2022				0.64 (J)		
Mean	57.02	4.471	9.136	3.431	22.36	0.7412
Std. Dev.	18.3	2.709	1.739	3.358	14.77	0.3184
Upper Lim.	68.26	6.168	10.19	4.448	31.29	0.9213
Lower Lim.	49.76	2.773	8.083	1.385	13.43	0.5573

Confidence Interval

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		5.7554	3.4409	9.1279	2.6569	
3/16/2016	2.8721 (D)					
3/17/2016						3.4197
5/16/2016	2.27 (D)					
5/17/2016		8.67			2.39	
5/18/2016			4.09	10.1		3.06
7/25/2016	2.6 (D)					
7/26/2016		6.6				
7/27/2016			4	7	<1 (*)	2.6
9/19/2016	2.8 (D)					
9/20/2016		5.8	4.3	6.7	2.4	
9/21/2016						3.1
11/3/2016	2.6 (D)					
11/4/2016		6.1		7.9	2.1	3.1
11/7/2016			4.1			
1/20/2017	2.8 (D)	7		6.6		
1/23/2017			5.1		2.1	
1/24/2017						3
3/28/2017		7.7			2.1	
3/29/2017	3.1 (D)		5.2	6.2		2.5
6/7/2017	3.2	6.4				
6/8/2017			3.8	7.5	1.3	3.3
9/27/2017	2.5		4.3	7.5		
9/29/2017		8.4			3.7	4.2
12/28/2017					1.7 (Y)	3.8 (Y)
3/15/2018	2.9	6.4	3.7		0.76 (J)	3.1
3/16/2018				13.4		
9/13/2018	2.3	7.2	4.8	11.6	1.6	3.6
3/14/2019	4.3 (D)					
3/15/2019			4.2		1.7	
3/18/2019		4.4				5.8
3/19/2019				14.8		
9/11/2019	2.6 (D)	7		10.7	0.86 (X)	5.7
9/12/2019			4.7			
3/9/2020			4.3	10.4	1.6	
3/10/2020	5.2	5.5				
3/11/2020						3.3
9/11/2020	2.8					2.1
9/14/2020		6.9	4.3		5.4	
9/15/2020				9.6		
3/11/2021	4.2	6.7	4.7	10.4	15.4	
3/15/2021						2.6
5/26/2021					20.2	
8/4/2021					1.5	
8/5/2021		6	4.3	10.3		
8/6/2021	4					
8/11/2021						2.4
1/31/2022		5.2			1.2	
2/1/2022	6.1		4.3	9.4		2.5
Mean	3.286	6.54	4.313	9.402	3.558	3.325
Std. Dev.	1.059	1.071	0.4569	2.373	5.049	0.9983
Upper Lim.	4.2	7.188	4.589	10.84	3.59	3.75

Confidence Interval

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
Lower Lim.	2.6	5.892	4.036	7.966	1.302	2.742

Confidence Interval

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
3/17/2016	5.3658					
3/28/2016		1.87				
3/29/2016			3.5801	1.4863		
3/30/2016						1.9542
5/18/2016	4.44					
5/24/2016			2.79	1.62		0.989 (J)
5/25/2016		1.41				
5/31/2016					2.03	
7/28/2016	9.9					
8/1/2016		1.5	2.2	2.3		
8/2/2016					0.96 (J)	1
9/21/2016	2.2					
9/26/2016			1.8	2.4		
9/27/2016		1.4			0.87 (J)	0.95 (J)
11/7/2016	2.2					
11/11/2016		1.5				
11/14/2016				2.8		
11/18/2016			1.8			
11/21/2016					0.93 (J)	
11/22/2016						1.1
1/24/2017	1.5					
1/31/2017		1.8				
2/1/2017			2.8	2.6	0.76 (J)	
2/6/2017						0.96 (J)
3/30/2017	1.7					
4/3/2017		1.5				
4/6/2017			<1	<1	<1	<1
6/9/2017	1.7					
6/12/2017		2.1				
6/13/2017			2.8	2.2	0.58 (J)	
6/14/2017						0.97 (J)
7/14/2017					0.04 (J)	
9/29/2017	2.2					
10/3/2017		1.4	2.6	2.6	0.87 (J)	
10/4/2017						0.84 (J)
3/15/2018	2.4					
3/19/2018		1.3	2.6			
3/20/2018				2.5	0.5 (J)	
3/21/2018						1.2
9/14/2018	2.4					
9/17/2018		1.3	2.2	2.5		
9/18/2018					0.65 (J)	0.9 (J)
3/19/2019	2.2					
3/20/2019		1.3				
3/21/2019			2.7	1.7	1.9	
3/27/2019						1.5
9/11/2019	1.5					
9/13/2019					0.76 (J)	
9/16/2019		1.2	2	1.6		0.69 (JD)
3/9/2020	1.5					
3/12/2020			2.1	1.4	1.7	1.8
3/16/2020		1.1				

Confidence Interval

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
9/14/2020	1.2					
9/16/2020		1.1	1.8	1.3	1.1	
9/17/2020						0.6 (J)
3/15/2021	1.5					
3/17/2021		1.1	2.2	1.8	1.3	0.72 (J)
8/5/2021	1.1					
8/9/2021		1.2				
8/10/2021			1.7	1.4	1.1	0.64 (J)
2/1/2022	0.93 (J)					
2/2/2022		1	1.7	1.5	1.3	0.72 (J)
Mean	2.552	1.393	2.215	1.9	0.9917	1.002
Std. Dev.	2.148	0.2911	0.6624	0.6126	0.5108	0.3973
Upper Lim.	2.4	1.569	2.616	2.271	1.301	1.204
Lower Lim.	1.2	1.217	1.814	1.53	0.6826	0.7588

Confidence Interval

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
3/22/2016	3.9321	
3/30/2016		2
5/25/2016	2.68	
5/26/2016		2.93
8/2/2016	2.7	
8/5/2016		3.6
9/26/2016	2.9	
9/28/2016		3.2
11/21/2016	2.8	3.3
2/3/2017	2.7	
2/6/2017		1.3
4/6/2017		<1
4/7/2017	2.3	
6/13/2017	2	2
10/3/2017	1.9	2.8
3/20/2018	1.6	1.2
9/18/2018	1.6	2.6
3/21/2019		2.3
5/6/2019	2.1	
9/16/2019	1	3
3/12/2020		1.1
3/16/2020	0.66 (J)	
9/17/2020	0.74 (J)	3.5
3/18/2021	1.1	2.1
8/10/2021	0.72 (J)	1.7
2/2/2022	0.72 (J)	2.5
Mean	1.897	2.313
Std. Dev.	0.9498	0.8969
Upper Lim.	2.472	2.855
Lower Lim.	1.323	1.77

Confidence Interval

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/31/2016	122	135				
4/4/2016			79	135	58	156
5/26/2016	143	163	105	124		
5/27/2016					66	
5/31/2016						192
8/3/2016		159	106		65	
8/4/2016				109		269
8/5/2016	143					
9/28/2016	160	208	148	104		
9/29/2016						288
9/30/2016					60	
11/22/2016	149	152	88	94	63	
11/28/2016						224
2/7/2017	123	128				
2/8/2017			62	141 (J)		
2/9/2017						386
2/13/2017					104 (J)	
4/10/2017	95	186	92	114		
4/11/2017					63	
4/12/2017						254
6/14/2017	150	150			97	
6/15/2017			96	153		
6/16/2017						309
10/4/2017	140	153	78	121	74	
10/9/2017						269
3/20/2018	93					
3/21/2018		192	111			211
3/22/2018				139	54	
9/18/2018	155	155	106	139	73	
9/19/2018						222
3/22/2019	95	140				
3/23/2019			64	148	58	135
9/17/2019	165	172	101	143	62	
9/18/2019						200
3/12/2020	63	81	96	125	64	
3/13/2020						143
9/17/2020	140	125				
9/21/2020			93	145	62	
9/22/2020						176
3/18/2021	74	62				82
3/19/2021			79	135	53	
8/10/2021	120					
8/11/2021		138	53	149	58	131
2/2/2022					54	
2/4/2022	102	156	120	157		
2/17/2022						119
Mean	124	147.5	93.17	131.9	66	209.2
Std. Dev.	30.53	35.32	22.6	17.84	13.84	77.31
Upper Lim.	142.5	168.9	106.8	142.7	73	256
Lower Lim.	105.5	126.1	79.49	121.1	58	162.4

Confidence Interval

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/16/2016					<10	<10 (D)
4/4/2016	110					
4/5/2016		42	103	53		
5/16/2016					35	<10 (D)
5/31/2016			157	70		
6/1/2016	121	63				
7/25/2016					24 (J)	16 (JD)
8/4/2016			154			
8/9/2016		267				
9/19/2016					19 (J)	12 (JD)
9/29/2016			142			
11/3/2016					34	
11/4/2016						13 (JD)
11/23/2016			172	118		
11/28/2016		116				
1/19/2017					13 (J)	
1/23/2017						15 (JD)
2/9/2017		212 (J)				
2/10/2017			237	214		
2/22/2017	311					
3/28/2017					<10	
3/29/2017						<10 (D)
4/11/2017	212	113		127		
4/12/2017			168			
6/5/2017					206	
6/7/2017						26
6/14/2017		120				
6/15/2017			176	126		
6/16/2017	262					
7/12/2017	310	153		164		
7/20/2017					72	
7/26/2017				129		
7/28/2017	289					
8/10/2017	288					
9/26/2017					35	
9/27/2017						<10
10/5/2017		102				
10/6/2017	268		155	140		
3/15/2018					41	<10
3/22/2018		115				
3/23/2018	281		170	119		
9/12/2018					<10	
9/13/2018						<10
9/19/2018		114	181	138		
9/20/2018	297					
3/14/2019					110	39 (D)
3/22/2019	249	104		116		
3/25/2019			167			
9/11/2019					58	<10 (D)
9/17/2019		86	179	117		
9/18/2019	281					
3/10/2020					127	60

Confidence Interval

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
3/13/2020		59	169	76		
3/17/2020	256					
9/11/2020						11
9/15/2020					56	
9/21/2020		94	186	122		
9/22/2020	248					
3/11/2021					43	12
3/18/2021		57	153	54		
3/19/2021	250					
8/4/2021					62	
8/6/2021						17
8/11/2021		77	181	122		
8/12/2021	263					
1/31/2022					63	
2/1/2022						70
2/4/2022	262	92	162			
2/7/2022				121		
Mean	253.2	110.3	167.3	118.1	53.32	18.11
Std. Dev.	55.7	55.13	25.75	38.29	49.7	19.27
Upper Lim.	284.6	136.8	181	138	70.51	26
Lower Lim.	237.2	77.1	154	76	24.29	5

Confidence Interval

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		253	152	149	63	
3/16/2016	89 (D)					
3/17/2016						103
5/16/2016	169 (D)					
5/17/2016		251			<10	
5/18/2016			123	162		129
7/25/2016	159 (D)					
7/26/2016		249				
7/27/2016			113	132	11 (J)	108
9/19/2016	152 (D)					
9/20/2016		195	126	155	14 (J)	
9/21/2016						102
11/3/2016	150 (D)					
11/4/2016		209		169	27	130
11/7/2016			167			
1/20/2017	152 (D)	211		135		
1/23/2017			125		15 (J)	
1/24/2017						152
3/28/2017		199			<10	
3/29/2017	143 (D)		116	147		95
6/7/2017	192	251				
6/8/2017			131	159	29	176
9/27/2017	159		117	167		
9/29/2017		255			21 (J)	118
3/15/2018	146	231	102		<10	88
3/16/2018				141		
9/13/2018	185	263	144	175	<10	137
3/14/2019	195 (D)					
3/15/2019			125		41	
3/18/2019		251				170
3/19/2019				154		
9/11/2019	172 (D)	234		164	20	138
9/12/2019			121			
3/9/2020			147	44	100	
3/10/2020	245	273				
3/11/2020						125
9/11/2020	146					127
9/14/2020		232	129		47	
9/15/2020				108		
3/11/2021	167	209	106	143	40	
3/15/2021						107
8/4/2021					34	
8/5/2021		210	90	142		
8/6/2021	186					
8/11/2021						116
1/31/2022		197			31	
2/1/2022	201		107	157		125
Mean	167.1	231.8	124.5	144.6	28.5	124.8
Std. Dev.	32.33	25.03	19	29.72	24.26	23.93
Upper Lim.	186.7	247	136	160.2	38.89	139.3
Lower Lim.	147.5	216.7	113	136.6	16.01	110.3

Confidence Interval

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
3/17/2016	31					
3/28/2016		<10				
3/29/2016			51	64		
3/30/2016						104
5/18/2016	43					
5/24/2016			76	77		94
5/25/2016		34				
5/31/2016					120	
7/28/2016	43					
8/1/2016		25	69	35		
8/2/2016					100	105
9/21/2016	<10					
9/26/2016			103	111		
9/27/2016		20 (J)			121	119
11/7/2016	50					
11/11/2016		41				
11/14/2016				76		
11/18/2016			77			
11/21/2016					164	
11/22/2016						105
1/24/2017	63					
1/31/2017		127				
2/1/2017			168	126	144	
2/6/2017						99
3/30/2017	<10					
4/3/2017		69				
4/6/2017			95	146	125	124
6/9/2017	20 (J)					
6/12/2017		46				
6/13/2017			101	84	148	
6/14/2017						114
7/14/2017					121	
9/29/2017	22 (J)					
10/3/2017		34	83	70	117	
10/4/2017						107
3/15/2018	<10					
3/19/2018		<10	70			
3/20/2018				78	136	
3/21/2018						117
9/14/2018	29					
9/17/2018		38	77	74		
9/18/2018					116	110
3/19/2019	35					
3/20/2019		66				
3/21/2019			80	60	107	
3/27/2019						101
9/11/2019	27					
9/13/2019					115	
9/16/2019		45	82	65		113
3/9/2020	51					
3/12/2020			42	22	86	84
3/16/2020		20				

Confidence Interval

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
9/14/2020	25					
9/16/2020		30	77	52	124	
9/17/2020						111
3/15/2021	30					
3/17/2021		15	47	43	112	113
8/5/2021	<10					
8/9/2021		<10				
8/10/2021			53	<10	101	112
2/1/2022	27					
2/2/2022		32	73	51	115	102
Mean	28.67	36.5	79.11	68.83	120.7	107.4
Std. Dev.	17.1	29.2	28.03	34.52	18.49	9.519
Upper Lim.	37.22	47.48	93.44	89.72	131.9	113.2
Lower Lim.	18.6	18.8	62.3	47.95	109.5	101.7

Confidence Interval

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
3/22/2016	111	
3/30/2016		26
5/25/2016	95	
5/26/2016		70
8/2/2016	124	
8/5/2016		95
9/26/2016	140	
9/28/2016		152
11/21/2016	154	145
2/3/2017	113	
2/6/2017		20 (J)
4/6/2017		17 (J)
4/7/2017	147	
6/13/2017	117	32
10/3/2017	150	71
3/20/2018	121	49
9/18/2018	93	38
3/21/2019		39
5/6/2019	118	
9/16/2019	99	85
3/12/2020		16
3/16/2020	76	
9/17/2020	98	94
3/18/2021	48	<10
8/10/2021	92	22
2/2/2022	85	21
Mean	110.1	55.39
Std. Dev.	27.62	43.99
Upper Lim.	126.8	74.64
Lower Lim.	93.34	26.51

Confidence Interval

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ
8/21/2007	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/1/2007	<0.01	<0.01	<0.01	<0.01	<0.01	0.0048
11/18/2007		<0.01	<0.01			
11/19/2007				<0.01	0.0035	0.0054
11/20/2007	0.0034					
1/16/2008				0.0071		
1/30/2008	0.005	<0.01	<0.01			
1/31/2008					0.0039	0.003
3/5/2008		<0.01		0.0031	<0.01	<0.01
3/6/2008	0.0032		0.0047			
5/7/2008		0.0029	0.003			0.0041
5/12/2008	<0.01				0.0064	
5/13/2008				<0.01		
12/12/2008						0.023 (O)
12/13/2008	0.0082			<0.01	0.02 (O)	
12/14/2008		0.0026	0.0056			
4/16/2009				0.0037		
4/28/2009					0.0039	
4/29/2009	<0.01	<0.01	0.018 (O)			0.006
10/20/2009	<0.01					
10/21/2009				0.0047	0.0037	0.022 (O)
10/22/2009		0.0026	0.0079			
4/21/2010		<0.01	0.0075			
4/26/2010	<0.01					
4/27/2010				0.0082		
4/28/2010					<0.01	0.011
9/28/2010		<0.01				
9/29/2010	<0.01		0.0065			
10/5/2010				<0.01	<0.01	
10/6/2010						0.0064
4/12/2011		<0.01				
4/13/2011	<0.01		0.004			
4/19/2011				0.0036	0.0025	
4/20/2011						0.0046
10/4/2011		<0.01	0.0054			
10/5/2011	<0.01					
10/12/2011				<0.01		<0.01
10/18/2011					0.0037	
4/3/2012		<0.01				
4/4/2012	<0.01		<0.01			
4/24/2012				<0.01		
4/25/2012					<0.01	<0.01
10/2/2012				<0.01	<0.01	<0.01
10/3/2012	<0.01	<0.01	<0.01			
4/2/2013				<0.01	<0.01	<0.01
4/3/2013	<0.01	<0.01	<0.01			
10/8/2013					<0.01	<0.01
10/9/2013		<0.01	<0.01	<0.01		
10/15/2013	<0.01					
4/1/2014				<0.01	0.005 (J)	0.005 (J)
4/2/2014		<0.01	0.005 (J)			
4/9/2014	<0.01					

Confidence Interval

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ
10/1/2014					<0.01	<0.01
10/2/2014	<0.01	<0.01	<0.01	<0.01		
3/31/2015						<0.01
4/1/2015		<0.01	0.0067	<0.01	0.0019 (J)	
4/2/2015	<0.01					
10/10/2015	<0.01					
10/11/2015		<0.01	0.0049 (J)			
10/14/2015				0.0022 (J)		<0.01
10/15/2015					<0.01	
3/31/2016	<0.01					
4/4/2016		<0.01	0.00251 (J)	<0.01	0.00211 (J)	<0.01
8/3/2016		<0.01		<0.01		
8/4/2016			<0.01		<0.01	
8/5/2016	<0.01					
4/10/2017	<0.01	<0.01	<0.01			
4/11/2017				<0.01		<0.01
4/12/2017					0.0016 (J)	
10/4/2017	<0.01	<0.01	0.0015 (J)	<0.01		
10/6/2017						<0.01
10/9/2017					<0.01	
3/20/2018	<0.01					
3/21/2018		<0.01			<0.01	
3/22/2018			<0.01	<0.01		
3/23/2018						<0.01
9/18/2018	<0.01	<0.01	0.0022 (J)	<0.01		
9/19/2018					0.0022 (J)	
9/20/2018						<0.01
3/22/2019	<0.01					<0.01
3/23/2019		<0.01	<0.01	<0.01	<0.01	
9/17/2019	<0.01	<0.01	<0.01	<0.01 (D)		
9/18/2019					<0.01	<0.01
3/12/2020	<0.01	<0.01	<0.01	<0.01		
3/13/2020					0.002 (J)	
3/17/2020						<0.01
9/17/2020	<0.01					
9/21/2020		<0.01	<0.01	<0.01		
9/22/2020					<0.01	<0.01
3/18/2021	<0.01				<0.01	
3/19/2021		<0.01	<0.01	<0.01		<0.01
8/10/2021	<0.01					
8/11/2021		<0.01	<0.01	<0.01	0.0021 (J)	
8/12/2021						<0.01
2/2/2022				<0.01		
2/4/2022	<0.01	<0.01	<0.01			<0.01
2/17/2022					<0.01	
Mean	0.009406	0.009356	0.0078	0.0089	0.007106	0.008719
Std. Dev.	0.001793	0.002102	0.002894	0.002385	0.003534	0.002347
Upper Lim.	0.01	0.01	0.01	0.01	0.01	0.01
Lower Lim.	0.0082	0.0029	0.0056	0.0082	0.0037	0.0064

Confidence Interval

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-45	GWC-47R	GWC-5
8/23/2007		<0.01				0.0032
8/24/2007	0.012		0.0027			
10/25/2007						<0.01
11/2/2007	<0.01	<0.01	0.012			
11/17/2007	0.0043	<0.01				
11/18/2007			0.016 (J)			
11/19/2007						<0.01
1/15/2008	0.0037	<0.01	0.018			
1/23/2008						<0.01
3/5/2008	0.0049					
3/6/2008		<0.01				
3/10/2008			0.014			
3/11/2008						<0.01
5/7/2008	<0.01	<0.01				
5/12/2008						<0.01
5/13/2008			0.013			
12/2/2008	0.0097	<0.01	0.016			
12/11/2008						<0.01
4/15/2009						<0.01
4/16/2009	0.0061					
4/28/2009		<0.01	0.016			
10/9/2009						<0.01
10/19/2009		<0.01				
10/20/2009	0.0092		0.021			
4/20/2010	<0.01					
4/27/2010		<0.01	0.012			
5/4/2010						<0.01
9/29/2010	<0.01					
10/4/2010		<0.01				
10/5/2010			0.011			
10/12/2010						<0.01
4/12/2011	<0.01					
4/18/2011		<0.01				
4/19/2011			0.012			
4/28/2011						<0.01
10/4/2011	<0.01					
10/12/2011		<0.01	0.0031			
10/19/2011						<0.01
4/4/2012	<0.01					
4/23/2012		<0.01				
4/25/2012			<0.01			
5/2/2012						<0.01
10/9/2012						<0.01
10/10/2012	<0.01	<0.01	<0.01			
4/11/2013						<0.01
4/15/2013	<0.01	<0.01				
4/16/2013			<0.01			
10/16/2013						<0.01
10/22/2013	<0.01	<0.01	<0.01			
4/21/2014	0.005 (J)	<0.01	0.005 (J)			
4/23/2014						<0.01
9/30/2014	<0.01	<0.01	<0.01			

Confidence Interval

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-45	GWC-47R	GWC-5
10/3/2014						0.00097 (J)
3/31/2015						0.00096 (J)
4/3/2015	0.001 (J)	<0.01	0.0016 (J)			
10/6/2015			0.002 (J)			
10/7/2015	<0.01	<0.01				
10/12/2015						<0.01
3/10/2016					<0.01	
3/16/2016				<0.01 (D)		
3/28/2016						<0.01
4/5/2016	<0.01	<0.01	0.00036 (J)			
5/16/2016				<0.01 (D)		
5/18/2016					<0.01	
7/25/2016				0.0022 (JD)		
7/27/2016					<0.01	
8/1/2016						<0.01
8/4/2016		<0.01				
8/9/2016	<0.01					
9/19/2016				<0.01 (D)		
9/20/2016					<0.01	
11/4/2016				<0.01 (D)	<0.01	
1/20/2017					<0.01	
1/23/2017				<0.01 (D)		
3/29/2017				<0.01 (D)	<0.01	
4/3/2017						<0.01
4/11/2017	<0.01		<0.01			
4/12/2017		<0.01				
9/27/2017				<0.01	<0.01	
10/3/2017						<0.01
10/5/2017	<0.01					
10/6/2017		<0.01	<0.01			
3/15/2018				<0.01		
3/16/2018					<0.01	
3/19/2018						<0.01
3/22/2018	<0.01					
3/23/2018		<0.01	<0.01			
9/13/2018				<0.01	<0.01	
9/17/2018						<0.01
9/19/2018	<0.01	<0.01	<0.01			
3/14/2019				<0.01 (D)		
3/19/2019					<0.01	
3/20/2019						<0.01
3/22/2019	<0.01		<0.01			
3/25/2019		<0.01				
9/11/2019				<0.01 (D)	<0.01	
9/16/2019						<0.01
9/17/2019	<0.01	<0.01	<0.01			
3/9/2020					0.00075 (J)	
3/10/2020				<0.01		
3/13/2020	<0.01	0.00077 (J)	0.00095 (J)			
3/16/2020						<0.01
9/11/2020				<0.01		
9/15/2020					<0.01	

Confidence Interval

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-15R	GWC-15Z	GWC-45	GWC-47R	GWC-5
9/16/2020						<0.01
9/21/2020	<0.01	<0.01	<0.01			
3/11/2021				<0.01	<0.01	
3/17/2021						<0.01
3/18/2021	<0.01	<0.01	<0.01			
8/5/2021					<0.01	
8/6/2021				<0.01		
8/9/2021						<0.01
8/11/2021	<0.01	<0.01	<0.01			
2/1/2022				<0.01	<0.01	
2/2/2022						<0.01
2/4/2022	<0.01	<0.01				
2/7/2022			<0.01			
Mean	0.008997	0.009729	0.0099	0.009541	0.009456	0.009269
Std. Dev.	0.002399	0.001583	0.004892	0.001892	0.002243	0.002408
Upper Lim.	0.01	0.01	0.012	0.01	0.01	0.01
Lower Lim.	0.0097	0.01	0.005	0.0022	0.00075	0.0032

Confidence Interval

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.01			
8/23/2007				<0.01
10/25/2007	<0.01			
11/1/2007				<0.01
11/19/2007				0.0052
11/20/2007	<0.01			
1/15/2008				0.0065
1/23/2008	0.007			
3/6/2008				0.0028
3/11/2008	0.0033			
5/13/2008				<0.01
5/14/2008	0.0043			
12/11/2008	<0.01			
12/12/2008				<0.01
4/16/2009				0.0033
4/23/2009	<0.01			
10/9/2009	0.0043			
10/13/2009				<0.01
4/21/2010				<0.01
5/4/2010	0.0027			
9/29/2010				<0.01
10/11/2010	0.0034			
4/13/2011				<0.01
4/26/2011	<0.01			
10/5/2011				<0.01
10/18/2011	<0.01	<0.01		
4/4/2012				<0.01
4/30/2012		<0.01		
5/2/2012	<0.01			
10/3/2012		<0.01		
10/8/2012	<0.01			<0.01
4/8/2013		<0.01		<0.01
4/10/2013	<0.01			
10/8/2013	<0.01			
10/9/2013		<0.01		<0.01
4/9/2014				<0.01
4/10/2014		0.005 (J)		
4/14/2014	0.005 (J)			
9/30/2014				<0.01
10/2/2014		<0.01		
10/3/2014	0.0016 (J)			
4/1/2015	0.0021 (J)			
4/2/2015				<0.01
4/3/2015		<0.01		
5/26/2015			<0.01	
6/18/2015			0.005 (D)	
7/2/2015			<0.01	
10/8/2015		0.0056	<0.01	
10/9/2015	<0.01			
10/10/2015				0.00195 (D)
3/22/2016			<0.01	
3/29/2016	<0.01			

Confidence Interval

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-8RR	GWC-8Z	GWC-9
3/30/2016		<0.01		<0.01
8/1/2016	<0.01			
8/2/2016		<0.01	<0.01	
8/5/2016				<0.01
4/6/2017	<0.01	<0.01		<0.01
4/7/2017			<0.01	
10/3/2017	<0.01		<0.01	<0.01
10/4/2017		<0.01		
3/19/2018	<0.01			
3/20/2018			<0.01	<0.01
3/21/2018		<0.01		
9/17/2018	<0.01			
9/18/2018		<0.01	<0.01	<0.01 (D)
3/21/2019	<0.01			<0.01
3/27/2019		<0.01		
5/6/2019			<0.01	
9/16/2019	<0.01	<0.01 (D)	<0.01	<0.01
3/12/2020	<0.01	<0.01		<0.01
3/16/2020			<0.01	
9/16/2020	<0.01			
9/17/2020		<0.01	<0.01	<0.01
3/17/2021	<0.01	<0.01		
3/18/2021			<0.01	<0.01
8/10/2021	<0.01	<0.01	<0.01	<0.01
2/2/2022	<0.01	<0.01	<0.01	<0.01
Mean	0.008344	0.009573	0.009706	0.00911
Std. Dev.	0.002915	0.001386	0.001213	0.002269
Upper Lim.	0.01	0.01	0.01	0.01
Lower Lim.	0.007	0.0056	0.005	0.0065

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007	0.031	0.0066	<0.02	<0.02	0.036	0.0064
11/1/2007	0.0041	0.0086	<0.02	<0.02	0.0041	<0.02
11/18/2007			<0.02	<0.02		
11/19/2007					0.015	0.015
11/20/2007	0.056	0.005				
1/16/2008					0.074	
1/30/2008	0.032	0.0084	<0.02	<0.02		
1/31/2008						0.032 (O)
3/5/2008			<0.02		0.055	0.0061
3/6/2008	0.03	0.0073		0.0038		
5/7/2008			0.015	<0.02		
5/8/2008		0.0084				
5/12/2008	0.008					0.012
5/13/2008					0.035	
12/13/2008	0.056				0.012 (J)	0.087 (O)
12/14/2008		0.0075 (J)	0.0086 (J)	0.0031 (J)		
4/16/2009					0.053	
4/28/2009						0.067 (O)
4/29/2009	0.057	0.0028	0.0037	0.0031		
10/20/2009	0.0037					
10/21/2009		<0.02			0.0063	0.025 (O)
10/22/2009			<0.02	0.0029		
4/21/2010		<0.02	<0.02	0.0027		
4/26/2010	<0.02					
4/27/2010					0.045	
4/28/2010						0.014
9/28/2010		0.005	0.0042			
9/29/2010	0.012			<0.02		
10/5/2010					0.0047	0.012
4/12/2011		<0.02	<0.02			
4/13/2011	<0.02			<0.02		
4/19/2011					0.0068	0.012
10/4/2011		0.0088	0.012	0.003		
10/5/2011	0.0031					
10/12/2011					0.0048	
10/18/2011						0.025
4/3/2012		<0.02	<0.02			
4/4/2012	<0.02			<0.02		
4/24/2012					<0.02	
4/25/2012						0.014
10/2/2012					<0.02	0.0089
10/3/2012	0.0085		<0.02	0.0029		
10/8/2012		0.0034				
4/2/2013					0.0081	0.0082
4/3/2013	0.0061	<0.02	<0.02	0.0035		
10/8/2013						0.015
10/9/2013			<0.02	<0.02	0.0032	
10/15/2013	0.008	0.0027				
4/1/2014					0.0025 (J)	0.0074
4/2/2014			0.0063	0.0033		
4/9/2014	0.0048	0.0025 (J)				
10/1/2014						0.00077 (J)

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/2/2014	0.0023 (JV)	0.0027 (V)	0.0023 (J)	0.0027	0.0023 (J)	
4/1/2015			0.0017 (J)	0.013	0.0035	0.0082
4/2/2015	0.0023 (J)	0.002 (J)				
10/10/2015	0.0024 (J)					
10/11/2015			0.0016 (J)	0.017		
10/12/2015		<0.02				
10/14/2015					0.0066	
10/15/2015						0.0082
3/31/2016	<0.02	0.00266 (J)				
4/4/2016			<0.02	0.00419 (J)	0.00858 (J)	0.00818 (J)
8/3/2016		<0.02	<0.02		<0.02	
8/4/2016				<0.02		<0.02
8/5/2016	<0.02					
4/10/2017	<0.02	<0.02	<0.02	<0.02		
4/11/2017					<0.02	
4/12/2017						<0.02
10/4/2017	0.0012 (J)	<0.02	0.0014 (J)	0.0014 (J)	0.0104	
10/9/2017						<0.02
3/20/2018	<0.02					
3/21/2018		<0.02	<0.02			<0.02
3/22/2018				<0.02	0.014	
9/18/2018	<0.02	<0.02	<0.02	<0.02	0.013	
9/19/2018						<0.02
3/22/2019	<0.02	<0.02				
3/23/2019			<0.02	<0.02	0.012	0.021
9/17/2019	0.0052 (J)	0.0048 (J)	0.0056 (J)	0.0075 (J)	0.018 (D)	
9/18/2019						0.007 (J)
3/12/2020	0.0024 (J)	0.0027 (J)	0.0038 (J)	0.0053 (J)	0.015	
3/13/2020						0.0043 (J)
9/17/2020	<0.02	<0.02				
9/21/2020			<0.02	0.0037 (J)	0.0065 (J)	
9/22/2020						<0.02
3/18/2021	<0.02	<0.02				<0.02
3/19/2021			<0.02	<0.02	0.0076 (J)	
8/10/2021	<0.02					
8/11/2021		<0.02	<0.02	<0.02	0.011 (J)	<0.02
2/2/2022					0.019 (J)	
2/4/2022	<0.02	<0.02	<0.02	<0.02		
2/17/2022						<0.02
Mean	0.01753	0.01211	0.01489	0.01244	0.01744	0.01379
Std. Dev.	0.01523	0.007762	0.007459	0.00818	0.01705	0.006393
Upper Lim.	0.01009	0.02	0.02	0.02	0.01936	0.01092
Lower Lim.	0.003597	0.005	0.0086	0.0035	0.008879	0.006247

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
8/21/2007	<0.02					
8/23/2007			0.0038			
8/24/2007		0.0036 (J)		0.052 (O)		
11/1/2007	0.0038					
11/2/2007		0.0026 (J)	0.0025	0.01 (J)		
11/17/2007		0.024 (O)	0.023 (O)			
11/18/2007				0.025 (J)		
11/19/2007	0.0055					
1/15/2008		0.0074	0.012	0.055 (O)		
1/31/2008	0.0063					
3/5/2008	0.0037	0.075 (O)				
3/6/2008			0.0069			
3/10/2008				0.018		
5/7/2008	0.0033	0.0088	0.007			
5/13/2008				0.0044		
12/2/2008		0.11 (O)	0.021 (O)	0.065 (O)		
12/12/2008	0.097 (O)					
4/16/2009		0.091 (O)				
4/28/2009			0.0055	0.0037 (J)		
4/29/2009	0.068 (O)					
10/19/2009			0.0051			
10/20/2009		0.056 (O)		0.0043		
10/21/2009	0.011					
4/20/2010		0.014				
4/27/2010			0.0068	<0.02		
4/28/2010	0.048 (O)					
9/29/2010		0.015				
10/4/2010			0.0074			
10/5/2010				0.0028		
10/6/2010	0.003					
4/12/2011		0.0028				
4/18/2011			0.0031			
4/19/2011				<0.02		
4/20/2011	0.0038					
10/4/2011		0.0025				
10/12/2011	0.0027		0.0067	<0.02		
4/4/2012		0.0105				
4/23/2012			<0.02			
4/25/2012	<0.02			<0.02		
10/2/2012	0.0059					
10/10/2012		0.0033	0.0046	<0.02		
4/2/2013	0.008					
4/15/2013		0.0031	0.006			
4/16/2013				0.005		
10/8/2013	0.0062					
10/22/2013		<0.02	0.0037	0.0028		
4/1/2014	0.0067					
4/21/2014		0.0032	0.0073	0.0028		
9/30/2014		0.0015 (J)	0.0027	0.0018 (J)		
10/1/2014	0.0024 (J)					
3/31/2015	0.0046					
4/3/2015		0.0015 (J)	0.0017 (J)	0.0021 (J)		

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
10/6/2015				<0.02		
10/7/2015		<0.02	0.0042			
10/14/2015	0.002 (J)					
3/16/2016					0.00622 (J)	0.004215 (JD)
4/4/2016	<0.02					
4/5/2016		<0.02	0.000194 (J)	0.00233 (J)		
5/16/2016					0.00345 (J)	<0.02 (D)
7/25/2016					<0.02 (*)	0.006 (D)
8/4/2016			<0.02			
8/9/2016		0.0016 (J)				
9/19/2016					0.004 (J)	0.0061 (JD)
11/3/2016					0.0047 (J)	
11/4/2016						0.0032 (JD)
1/19/2017					0.0035 (J)	
1/23/2017						0.0031 (JD)
3/28/2017					<0.02 (*)	
3/29/2017						0.00615 (D)
4/11/2017	<0.02	<0.02		<0.02		
4/12/2017			<0.02			
9/26/2017					0.0039 (J)	
9/27/2017						0.0048 (J)
10/5/2017		0.0024 (J)				
10/6/2017	<0.02		0.0024 (J)	<0.02		
3/15/2018					<0.02	<0.02
3/22/2018		<0.02				
3/23/2018	<0.02		<0.02	<0.02		
9/12/2018					<0.02	
9/13/2018						<0.02
9/19/2018		<0.02	<0.02	<0.02		
9/20/2018	<0.02					
3/14/2019					0.0039 (J)	<0.02 (D)
3/22/2019	0.0048 (J)	<0.02		<0.02		
3/25/2019			0.0039 (J)			
9/11/2019					0.0068 (J)	0.0065 (JD)
9/17/2019		0.0057 (X)	0.0066 (J)	0.0048 (X)		
9/18/2019	0.0091 (X)					
3/10/2020					0.0049 (J)	0.0031 (J)
3/13/2020		0.0028 (J)	0.0057 (J)	0.0026 (J)		
3/17/2020	0.0057 (J)					
9/11/2020						<0.02
9/15/2020					0.0062 (J)	
9/21/2020		<0.02	0.0036 (J)	<0.02		
9/22/2020	<0.02					
3/11/2021					0.004 (J)	<0.02
3/18/2021		<0.02	<0.02	<0.02		
3/19/2021	<0.02					
8/4/2021					<0.02	
8/6/2021						<0.02
8/11/2021		<0.02	<0.02	<0.02		
8/12/2021	<0.02					
1/31/2022					<0.02	
2/1/2022						<0.02

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45
2/4/2022	<0.02	<0.02	<0.02			
2/7/2022				<0.02		
Mean	0.01062	0.01077	0.008731	0.01308	0.01009	0.01195
Std. Dev.	0.007499	0.008058	0.006946	0.008425	0.007601	0.007888
Upper Lim.	0.02	0.02	0.012	0.02	0.02	0.02
Lower Lim.	0.0046	0.0028	0.0038	0.0043	0.0039	0.004215

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R
3/10/2016		0.00373 (J)	0.027	0.0154	0.00432 (J)	
3/16/2016	0.0035415 (JD)					
3/17/2016						<0.02
5/16/2016	0.00452 (JD)					
5/17/2016		0.00268 (J)			0.00672 (J)	
5/18/2016			0.0277	0.0136		<0.02
7/25/2016	0.0065 (D)					
7/26/2016		<0.02 (*)				
7/27/2016			0.0221	0.0153	<0.02 (*)	<0.02 (*)
9/19/2016	0.0034 (JD)					
9/20/2016		0.0058 (J)	0.03	0.0173	0.0081 (J)	
9/21/2016						<0.02
11/3/2016	0.0039 (JD)					
11/4/2016		0.0029 (J)		0.0149	0.0071 (J)	<0.02
11/7/2016			0.0202			
1/20/2017	0.0023 (JD)	<0.02		0.0134		
1/23/2017			0.0156		<0.02	
1/24/2017						<0.02
3/28/2017		<0.02 (*)			<0.02 (*)	
3/29/2017	0.00705 (D)		<0.02 (*)	<0.02 (*)		<0.02 (*)
9/27/2017	0.0036 (J)		0.0196	0.0111		
9/29/2017		0.0016 (J)			0.0055 (J)	<0.02
12/28/2017			0.0315 (Y)			
3/15/2018	<0.02	<0.02	<0.02		<0.02	<0.02
3/16/2018				0.012		
9/13/2018	<0.02	<0.02	0.031	<0.02	<0.02	<0.02
3/14/2019	0.0022 (JD)					
3/15/2019			0.051		0.0058 (J)	
3/18/2019		<0.02				<0.02
3/19/2019				0.016		
9/11/2019	0.0058 (JD)	0.0055 (J)		0.028	0.011 (D)	0.005 (J)
9/12/2019			0.035			
3/9/2020			0.044	0.032	0.0079 (J)	
3/10/2020	0.0035 (J)	0.0029 (J)				
3/11/2020						0.0036 (J)
9/11/2020	<0.02					<0.02
9/14/2020		<0.02	0.032		0.0076 (J)	
9/15/2020				0.028		
3/11/2021	<0.02	<0.02	0.047	0.028	0.0088 (J)	
3/15/2021						<0.02
8/4/2021					<0.02	
8/5/2021		<0.02	0.037	0.024		
8/6/2021	<0.02					
8/11/2021						<0.02
1/31/2022		<0.02			<0.02	
2/1/2022	<0.02		0.038	0.029		<0.02
Mean	0.009783	0.01324	0.03048	0.01988	0.01252	0.01815
Std. Dev.	0.007881	0.00838	0.01016	0.00686	0.006603	0.00522
Upper Lim.	0.02	0.02	0.03663	0.02418	0.02	0.02
Lower Lim.	0.0035	0.0029	0.02434	0.01558	0.00672	0.005

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
8/22/2007			0.04 (O)			
8/23/2007		0.016				
10/25/2007		0.061	0.0062			
11/19/2007		0.053				
11/20/2007			0.03 (O)			
1/23/2008		0.14	0.048 (O)			
3/11/2008		0.13	0.016			
5/12/2008		0.11				
5/14/2008			0.02			
12/11/2008		0.04 (J)	0.021			
4/15/2009		0.11				
4/23/2009			0.0058 (J)			
10/9/2009		0.15	0.055 (O)			
5/4/2010		0.077	0.045 (O)			
10/11/2010			0.015			
10/12/2010		0.077				
4/26/2011			0.0067			
4/28/2011		0.032				
10/18/2011			0.0055			0.0032
10/19/2011		0.11				
4/30/2012						<0.02
5/2/2012		0.138	<0.02			
10/3/2012						0.0034
10/8/2012			0.0043			
10/9/2012		0.097				
4/8/2013						0.0039
4/10/2013			0.0067			
4/11/2013		0.047				
10/8/2013			0.0091			
10/9/2013						0.0078
10/16/2013		0.098				
4/10/2014						0.0064
4/14/2014			0.0063			
4/23/2014		0.066				
10/2/2014						0.0009 (JV)
10/3/2014		0.13 (V)	0.0065 (V)			
3/31/2015		0.05				
4/1/2015			0.0059			
4/3/2015						<0.02
5/26/2015				0.0035		
6/18/2015				0.0025 (D)		
7/2/2015				0.0018 (J)		
10/8/2015						0.013
10/9/2015			<0.02	0.0019 (J)		
10/12/2015		0.048				
3/17/2016	<0.02					
3/28/2016		0.0534				
3/29/2016			<0.02	0.00786 (J)		
3/30/2016						0.00308 (J)
5/18/2016	0.00208 (J)					
7/28/2016	<0.02 (*)					
8/1/2016		0.055	<0.02	<0.02		

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-5	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR
8/2/2016					<0.02	<0.02
9/21/2016	0.0079 (J)					
11/7/2016	<0.02 (*)					
1/24/2017	0.0053 (J)					
3/30/2017	<0.02 (*)					
4/3/2017		0.0436				
4/6/2017			<0.02	<0.02	<0.02	<0.02
9/29/2017	0.004 (J)					
10/3/2017		0.0393	<0.02	0.0014 (J)	<0.02	
10/4/2017						<0.02
3/15/2018	<0.02					
3/19/2018		<0.02	<0.02			
3/20/2018				<0.02	<0.02	
3/21/2018						<0.02
9/14/2018	<0.02					
9/17/2018		0.03	<0.02	<0.02		
9/18/2018					<0.02	<0.02
3/19/2019	0.0034 (J)					
3/20/2019		0.032				
3/21/2019			<0.02	<0.02	<0.02	
3/27/2019						<0.02
9/11/2019	0.0085 (J)					
9/13/2019					0.0053 (J)	
9/16/2019		0.035	0.0058 (J)	0.0057 (J)		0.00525 (JD)
3/9/2020	0.0047 (J)					
3/12/2020			0.0042 (J)	0.0032 (J)	0.0031 (J)	0.002 (J)
3/16/2020		0.047				
9/14/2020	0.0042 (J)					
9/16/2020		0.033	<0.02	<0.02	<0.02	
9/17/2020						<0.02
3/15/2021	<0.02					
3/17/2021		0.027	<0.02	<0.02	<0.02	<0.02
8/5/2021	<0.02					
8/9/2021		0.036				
8/10/2021			<0.02	<0.02	<0.02	<0.02
2/1/2022	<0.02					
2/2/2022		0.034	<0.02	<0.02	<0.02	<0.02
Mean	0.01295	0.06663	0.01397	0.01223	0.01737	0.01313
Std. Dev.	0.007847	0.03943	0.006885	0.008625	0.006168	0.008033
Upper Lim.	0.02	0.07765	0.02	0.02	0.02	0.02
Lower Lim.	0.0042	0.04687	0.0063	0.0025	0.0053	0.0039

Confidence Interval

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:25 PM View: Confidence Intervals

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-9
8/23/2007		0.011
11/1/2007		0.012
11/19/2007		0.026 (J)
1/15/2008		0.075 (O)
3/6/2008		0.051 (O)
5/13/2008		0.0084
12/12/2008		0.077 (O)
4/16/2009		0.064 (O)
10/13/2009		0.013
4/21/2010		0.0035
9/29/2010		0.0085
4/13/2011		0.0028
10/5/2011		0.0038
4/4/2012		0.0126
10/8/2012		0.0043
4/8/2013		0.0068
10/9/2013		0.0082
4/9/2014		0.0043
9/30/2014		0.0029
4/2/2015		0.0056
5/26/2015	0.0017 (J)	
6/18/2015	0.0052 (D)	
7/2/2015	0.0027	
10/8/2015	<0.02	
10/10/2015		0.0065 (D)
3/22/2016	0.00302 (J)	
3/30/2016		0.00388 (J)
8/2/2016	<0.02	
8/5/2016		<0.02
4/6/2017		<0.02
4/7/2017	<0.02	
10/3/2017	0.0022 (J)	0.0023 (J)
3/20/2018	<0.02	<0.02
9/18/2018	<0.02	<0.02 (D)
3/21/2019		0.0024 (J)
5/6/2019	0.0024 (J)	
9/16/2019	0.0065 (J)	0.0062 (J)
3/12/2020		0.0045 (J)
3/16/2020	0.0073 (J)	
9/17/2020	<0.02	<0.02
3/18/2021	<0.02	<0.02
8/10/2021	<0.02	<0.02
2/2/2022	<0.02	<0.02
Mean	0.01241	0.01065
Std. Dev.	0.008415	0.007337
Upper Lim.	0.02	0.008
Lower Lim.	0.0027	0.004511

FIGURE G.

Appendix I Welch's t-test/Mann-Whitney - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Antimony (mg/L)	GWC-11	-4.856	Yes	Mann-W
Antimony (mg/L)	GWC-13	-4.847	Yes	Mann-W
Antimony (mg/L)	GWC-13RZ	-3.09	Yes	Mann-W
Antimony (mg/L)	GWC-7Z	-2.764	Yes	Mann-W
Arsenic (mg/L)	GWA-3A (bg)	-2.609	Yes	Mann-W
Arsenic (mg/L)	GWC-11R	-3.891	Yes	Mann-W
Arsenic (mg/L)	GWC-13	-2.724	Yes	Mann-W
Arsenic (mg/L)	GWC-13RZ	-3.392	Yes	Mann-W
Arsenic (mg/L)	GWC-6	-3.563	Yes	Mann-W
Barium (mg/L)	GWA-2R (bg)	2.824	Yes	Mann-W
Barium (mg/L)	GWA-43R (bg)	-2.724	Yes	Mann-W
Barium (mg/L)	GWA-4RZ (bg)	3.268	Yes	Mann-W
Barium (mg/L)	GWA-50R (bg)	-2.991	Yes	Mann-W
Barium (mg/L)	GWC-11R	3.285	Yes	Mann-W
Barium (mg/L)	GWC-15R	-2.994	Yes	Mann-W
Barium (mg/L)	GWC-46R	-2.582	Yes	Mann-W
Barium (mg/L)	GWC-47	-3.369	Yes	Mann-W
Barium (mg/L)	GWC-49R	3.268	Yes	Mann-W
Barium (mg/L)	GWC-49Z	-2.665	Yes	Mann-W
Barium (mg/L)	GWC-6	-3.308	Yes	Mann-W
Barium (mg/L)	GWC-6RZ	-2.617	Yes	Mann-W
Chromium (mg/L)	GWA-3A (bg)	-3.098	Yes	Mann-W
Chromium (mg/L)	GWC-11R	-2.658	Yes	Mann-W
Chromium (mg/L)	GWC-8RR	-3.534	Yes	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-3.229	Yes	Mann-W
Cobalt (mg/L)	GWA-2R (bg)	-3.311	Yes	Mann-W
Cobalt (mg/L)	GWA-4RZ (bg)	2.764	Yes	Mann-W
Cobalt (mg/L)	GWC-49Z	-2.97	Yes	Mann-W
Copper (mg/L)	GWA-3A (bg)	-3.119	Yes	Mann-W
Copper (mg/L)	GWA-50 (bg)	-3.651	Yes	Mann-W
Lead (mg/L)	GWA-2R (bg)	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-11	-2.611	Yes	Mann-W
Lead (mg/L)	GWC-11R	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-13RZ	-3.532	Yes	Mann-W
Lead (mg/L)	GWC-15R	-3.324	Yes	Mann-W
Lead (mg/L)	GWC-15Z	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-6	-3.69	Yes	Mann-W
Lead (mg/L)	GWC-9	-2.651	Yes	Mann-W
Nickel (mg/L)	GWA-2R (bg)	-2.636	Yes	Mann-W
Nickel (mg/L)	GWA-3A (bg)	-3.499	Yes	Mann-W
Nickel (mg/L)	GWA-50R (bg)	-2.776	Yes	Mann-W
Nickel (mg/L)	GWC-12	-2.723	Yes	Mann-W
Nickel (mg/L)	GWC-15R	-3.393	Yes	Mann-W
Nickel (mg/L)	GWC-45	-2.726	Yes	Mann-W
Nickel (mg/L)	GWC-5	-3.106	Yes	Mann-W
Selenium (mg/L)	GWC-14Z	-3.363	Yes	Mann-W
Zinc (mg/L)	GWA-3A (bg)	-3.324	Yes	Mann-W
Zinc (mg/L)	GWC-47	2.866	Yes	Mann-W
Zinc (mg/L)	GWC-47R	3.103	Yes	Mann-W
Zinc (mg/L)	GWC-5	-2.779	Yes	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Antimony (mg/L)	GWA-1 (bg)	-1.118	No	Mann-W
Antimony (mg/L)	GWA-2R (bg)	-0.4553	No	Mann-W
Antimony (mg/L)	GWA-39RZ (bg)	-1.249	No	Mann-W
Antimony (mg/L)	GWA-39Z (bg)	-0.3542	No	Mann-W
Antimony (mg/L)	GWA-3A (bg)	-0.6251	No	Mann-W
Antimony (mg/L)	GWA-40 (bg)	0.6155	No	Mann-W
Antimony (mg/L)	GWA-41 (bg)	-1.477	No	Mann-W
Antimony (mg/L)	GWA-41R (bg)	-0.9564	No	Mann-W
Antimony (mg/L)	GWA-42 (bg)	0.6155	No	Mann-W
Antimony (mg/L)	GWA-43 (bg)	-1.477	No	Mann-W
Antimony (mg/L)	GWA-43R (bg)	-1.352	No	Mann-W
Antimony (mg/L)	GWA-4RZ (bg)	-1.718	No	Mann-W
Antimony (mg/L)	GWA-50 (bg)	-0.8113	No	Mann-W
Antimony (mg/L)	GWA-50R (bg)	-2.162	No	Mann-W
Antimony (mg/L)	GWC-10R	0.3666	No	Mann-W
Antimony (mg/L)	GWC-11	-4.856	Yes	Mann-W
Antimony (mg/L)	GWC-11R	0.3357	No	Mann-W
Antimony (mg/L)	GWC-13	-4.847	Yes	Mann-W
Antimony (mg/L)	GWC-13RZ	-3.09	Yes	Mann-W
Antimony (mg/L)	GWC-14Z	-0.7835	No	Mann-W
Antimony (mg/L)	GWC-15R	-2.546	No	Mann-W
Antimony (mg/L)	GWC-15Z	0.1733	No	Mann-W
Antimony (mg/L)	GWC-45	-0.9607	No	Mann-W
Antimony (mg/L)	GWC-45R	0.9563	No	Mann-W
Antimony (mg/L)	GWC-46R	0.6155	No	Mann-W
Antimony (mg/L)	GWC-47	-0.628	No	Mann-W
Antimony (mg/L)	GWC-47R	-1.849	No	Mann-W
Antimony (mg/L)	GWC-48	0.9869	No	Mann-W
Antimony (mg/L)	GWC-49R	-0.3809	No	Mann-W
Antimony (mg/L)	GWC-49Z	-1.8	No	Mann-W
Antimony (mg/L)	GWC-5	-1.419	No	Mann-W
Antimony (mg/L)	GWC-6	-1.412	No	Mann-W
Antimony (mg/L)	GWC-6RZ	-0.8849	No	Mann-W
Antimony (mg/L)	GWC-7Z	-2.764	Yes	Mann-W
Antimony (mg/L)	GWC-8RR	-1.937	No	Mann-W
Antimony (mg/L)	GWC-9	0.3608	No	Mann-W
Arsenic (mg/L)	GWA-1 (bg)	-1.991	No	Mann-W
Arsenic (mg/L)	GWA-2R (bg)	-2.574	No	Mann-W
Arsenic (mg/L)	GWA-39RZ (bg)	1.042	No	Mann-W
Arsenic (mg/L)	GWA-39Z (bg)	-0.628	No	Mann-W
Arsenic (mg/L)	GWA-3A (bg)	-2.609	Yes	Mann-W
Arsenic (mg/L)	GWA-40 (bg)	-0.4486	No	Mann-W
Arsenic (mg/L)	GWA-41R (bg)	1.284	No	Mann-W
Arsenic (mg/L)	GWA-43R (bg)	0.6155	No	Mann-W
Arsenic (mg/L)	GWA-4RZ (bg)	0.405	No	Mann-W
Arsenic (mg/L)	GWC-10	0.2176	No	Mann-W
Arsenic (mg/L)	GWC-11	0.3608	No	Mann-W
Arsenic (mg/L)	GWC-11R	-3.891	Yes	Mann-W
Arsenic (mg/L)	GWC-12	-1.951	No	Mann-W
Arsenic (mg/L)	GWC-13	-2.724	Yes	Mann-W
Arsenic (mg/L)	GWC-13RZ	-3.392	Yes	Mann-W
Arsenic (mg/L)	GWC-14Z	-0.4968	No	Mann-W
Arsenic (mg/L)	GWC-15R	-0.9843	No	Mann-W
Arsenic (mg/L)	GWC-15Z	-0.6175	No	Mann-W
Arsenic (mg/L)	GWC-44	0.57	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Arsenic (mg/L)	GWC-45R	0.6155	No	Mann-W
Arsenic (mg/L)	GWC-46R	0.6155	No	Mann-W
Arsenic (mg/L)	GWC-47	0.6155	No	Mann-W
Arsenic (mg/L)	GWC-47R	-0.5218	No	Mann-W
Arsenic (mg/L)	GWC-49R	-1.477	No	Mann-W
Arsenic (mg/L)	GWC-5	0.3608	No	Mann-W
Arsenic (mg/L)	GWC-6	-3.563	Yes	Mann-W
Arsenic (mg/L)	GWC-6RZ	-1.687	No	Mann-W
Arsenic (mg/L)	GWC-7Z	-1.369	No	Mann-W
Arsenic (mg/L)	GWC-8RR	-1.599	No	Mann-W
Arsenic (mg/L)	GWC-8Z	-2.214	No	Mann-W
Arsenic (mg/L)	GWC-9	-1.828	No	Mann-W
Barium (mg/L)	GWA-1 (bg)	-1.073	No	Mann-W
Barium (mg/L)	GWA-2 (bg)	-0.3822	No	Mann-W
Barium (mg/L)	GWA-2R (bg)	2.824	Yes	Mann-W
Barium (mg/L)	GWA-39RZ (bg)	0.6812	No	Mann-W
Barium (mg/L)	GWA-39Z (bg)	-0.352	No	Mann-W
Barium (mg/L)	GWA-3A (bg)	-1.051	No	Mann-W
Barium (mg/L)	GWA-40 (bg)	-1.14	No	Mann-W
Barium (mg/L)	GWA-41 (bg)	-2.113	No	Mann-W
Barium (mg/L)	GWA-41R (bg)	1.512	No	Mann-W
Barium (mg/L)	GWA-42 (bg)	0.5552	No	Mann-W
Barium (mg/L)	GWA-43 (bg)	-2.363	No	Mann-W
Barium (mg/L)	GWA-43R (bg)	-2.724	Yes	Mann-W
Barium (mg/L)	GWA-4RZ (bg)	3.268	Yes	Mann-W
Barium (mg/L)	GWA-50 (bg)	-1.476	No	Mann-W
Barium (mg/L)	GWA-50R (bg)	-2.991	Yes	Mann-W
Barium (mg/L)	GWC-10	1.294	No	Mann-W
Barium (mg/L)	GWC-10R	1.145	No	Mann-W
Barium (mg/L)	GWC-11	-1.753	No	Mann-W
Barium (mg/L)	GWC-11R	3.285	Yes	Mann-W
Barium (mg/L)	GWC-12	-2.567	No	Mann-W
Barium (mg/L)	GWC-13	-0.1277	No	Mann-W
Barium (mg/L)	GWC-14Z	-0.3844	No	Mann-W
Barium (mg/L)	GWC-15R	-2.994	Yes	Mann-W
Barium (mg/L)	GWC-15Z	1.484	No	Mann-W
Barium (mg/L)	GWC-44	1.737	No	Mann-W
Barium (mg/L)	GWC-45	2.296	No	Mann-W
Barium (mg/L)	GWC-45R	2.019	No	Mann-W
Barium (mg/L)	GWC-46R	-2.582	Yes	Mann-W
Barium (mg/L)	GWC-47	-3.369	Yes	Mann-W
Barium (mg/L)	GWC-47R	-2.549	No	Mann-W
Barium (mg/L)	GWC-48	2.176	No	Mann-W
Barium (mg/L)	GWC-49R	3.268	Yes	Mann-W
Barium (mg/L)	GWC-49Z	-2.665	Yes	Mann-W
Barium (mg/L)	GWC-5	-0.4744	No	Mann-W
Barium (mg/L)	GWC-6	-3.308	Yes	Mann-W
Barium (mg/L)	GWC-6RZ	-2.617	Yes	Mann-W
Barium (mg/L)	GWC-7Z	-1.158	No	Mann-W
Barium (mg/L)	GWC-8RR	-2.072	No	Mann-W
Barium (mg/L)	GWC-8Z	-2.145	No	Mann-W
Barium (mg/L)	GWC-9	0.8139	No	Mann-W
Cadmium (mg/L)	GWA-1 (bg)	-0.05172	No	Mann-W
Cadmium (mg/L)	GWA-39RZ (bg)	0.5394	No	Mann-W
Cadmium (mg/L)	GWA-39Z (bg)	1.284	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Cadmium (mg/L)	GWA-42 (bg)	1.011	No	Mann-W
Cadmium (mg/L)	GWA-43 (bg)	0.6155	No	Mann-W
Cadmium (mg/L)	GWA-50 (bg)	-1.265	No	Mann-W
Cadmium (mg/L)	GWC-10R	0.3608	No	Mann-W
Cadmium (mg/L)	GWC-11R	-0.05172	No	Mann-W
Cadmium (mg/L)	GWC-12	-2.096	No	Mann-W
Cadmium (mg/L)	GWC-14Z	0.3608	No	Mann-W
Cadmium (mg/L)	GWC-15R	0.8789	No	Mann-W
Cadmium (mg/L)	GWC-44	0.6155	No	Mann-W
Cadmium (mg/L)	GWC-45R	-0.8616	No	Mann-W
Cadmium (mg/L)	GWC-47	-1.471	No	Mann-W
Cadmium (mg/L)	GWC-48	0.2207	No	Mann-W
Cadmium (mg/L)	GWC-49Z	2.326	No	Mann-W
Cadmium (mg/L)	GWC-5	0	No	Mann-W
Cadmium (mg/L)	GWC-6	0.5691	No	Mann-W
Cadmium (mg/L)	GWC-7Z	0.6155	No	Mann-W
Cadmium (mg/L)	GWC-8Z	0.8401	No	Mann-W
Chromium (mg/L)	GWA-1 (bg)	-0.5127	No	Mann-W
Chromium (mg/L)	GWA-2 (bg)	-0.8015	No	Mann-W
Chromium (mg/L)	GWA-2R (bg)	-1.059	No	Mann-W
Chromium (mg/L)	GWA-39RZ (bg)	-0.7101	No	Mann-W
Chromium (mg/L)	GWA-39Z (bg)	-1.618	No	Mann-W
Chromium (mg/L)	GWA-3A (bg)	-3.098	Yes	Mann-W
Chromium (mg/L)	GWA-40 (bg)	-0.6077	No	Mann-W
Chromium (mg/L)	GWA-41 (bg)	-0.08972	No	Mann-W
Chromium (mg/L)	GWA-41R (bg)	-0.5394	No	Mann-W
Chromium (mg/L)	GWA-42 (bg)	-1.477	No	Mann-W
Chromium (mg/L)	GWA-43 (bg)	-0.6077	No	Mann-W
Chromium (mg/L)	GWA-43R (bg)	-0.5217	No	Mann-W
Chromium (mg/L)	GWA-50 (bg)	-0.5042	No	Mann-W
Chromium (mg/L)	GWA-50R (bg)	1.733	No	Mann-W
Chromium (mg/L)	GWC-10	-2.233	No	Mann-W
Chromium (mg/L)	GWC-10R	-1.429	No	Mann-W
Chromium (mg/L)	GWC-11	-0.689	No	Mann-W
Chromium (mg/L)	GWC-11R	-2.658	Yes	Mann-W
Chromium (mg/L)	GWC-12	1.04	No	Mann-W
Chromium (mg/L)	GWC-13	-2.443	No	Mann-W
Chromium (mg/L)	GWC-13RZ	0.438	No	Mann-W
Chromium (mg/L)	GWC-14Z	-1.4	No	Mann-W
Chromium (mg/L)	GWC-15R	-2.48	No	Mann-W
Chromium (mg/L)	GWC-15Z	-2.173	No	Mann-W
Chromium (mg/L)	GWC-44	-1.477	No	Mann-W
Chromium (mg/L)	GWC-45	-1.477	No	Mann-W
Chromium (mg/L)	GWC-45R	-1.133	No	Mann-W
Chromium (mg/L)	GWC-46R	1.18	No	Mann-W
Chromium (mg/L)	GWC-47	-0.8165	No	Mann-W
Chromium (mg/L)	GWC-47R	0.5983	No	Mann-W
Chromium (mg/L)	GWC-48	-0.6113	No	Mann-W
Chromium (mg/L)	GWC-49R	0.3812	No	Mann-W
Chromium (mg/L)	GWC-49Z	-1.235	No	Mann-W
Chromium (mg/L)	GWC-5	-1.427	No	Mann-W
Chromium (mg/L)	GWC-6	-0.9579	No	Mann-W
Chromium (mg/L)	GWC-6RZ	1.061	No	Mann-W
Chromium (mg/L)	GWC-7Z	-1.477	No	Mann-W
Chromium (mg/L)	GWC-8RR	-3.534	Yes	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Chromium (mg/L)	GWC-8Z	-2.137	No	Mann-W
Chromium (mg/L)	GWC-9	-0.9522	No	Mann-W
Cobalt (mg/L)	GWA-1 (bg)	-3.229	Yes	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	-0.2996	No	Mann-W
Cobalt (mg/L)	GWA-2R (bg)	-3.311	Yes	Mann-W
Cobalt (mg/L)	GWA-39RZ (bg)	-0.09847	No	Mann-W
Cobalt (mg/L)	GWA-39Z (bg)	0.4579	No	Mann-W
Cobalt (mg/L)	GWA-3A (bg)	-0.3917	No	Mann-W
Cobalt (mg/L)	GWA-41R (bg)	1.555	No	Mann-W
Cobalt (mg/L)	GWA-42 (bg)	-0.628	No	Mann-W
Cobalt (mg/L)	GWA-43 (bg)	-1.477	No	Mann-W
Cobalt (mg/L)	GWA-4RZ (bg)	2.764	Yes	Mann-W
Cobalt (mg/L)	GWA-50R (bg)	1.241	No	Mann-W
Cobalt (mg/L)	GWC-10	-2.314	No	Mann-W
Cobalt (mg/L)	GWC-11	0.8584	No	Mann-W
Cobalt (mg/L)	GWC-11R	0.5782	No	Mann-W
Cobalt (mg/L)	GWC-12	-1.569	No	Mann-W
Cobalt (mg/L)	GWC-13	-1.124	No	Mann-W
Cobalt (mg/L)	GWC-13RZ	-0.5052	No	Mann-W
Cobalt (mg/L)	GWC-14Z	-0.2072	No	Mann-W
Cobalt (mg/L)	GWC-15R	0.5689	No	Mann-W
Cobalt (mg/L)	GWC-15Z	0.5782	No	Mann-W
Cobalt (mg/L)	GWC-44	0.7589	No	Mann-W
Cobalt (mg/L)	GWC-45	-1.17	No	Mann-W
Cobalt (mg/L)	GWC-46R	0.6155	No	Mann-W
Cobalt (mg/L)	GWC-48	0.1516	No	Mann-W
Cobalt (mg/L)	GWC-49Z	-2.97	Yes	Mann-W
Cobalt (mg/L)	GWC-5	0.758	No	Mann-W
Cobalt (mg/L)	GWC-6	0.8641	No	Mann-W
Cobalt (mg/L)	GWC-7Z	-1.159	No	Mann-W
Cobalt (mg/L)	GWC-8RR	0.7241	No	Mann-W
Cobalt (mg/L)	GWC-8Z	1.088	No	Mann-W
Cobalt (mg/L)	GWC-9	0.07903	No	Mann-W
Copper (mg/L)	GWA-1 (bg)	-0.3521	No	Mann-W
Copper (mg/L)	GWA-2 (bg)	-0.08607	No	Mann-W
Copper (mg/L)	GWA-2R (bg)	-1.544	No	Mann-W
Copper (mg/L)	GWA-39RZ (bg)	1.219	No	Mann-W
Copper (mg/L)	GWA-39Z (bg)	0.239	No	Mann-W
Copper (mg/L)	GWA-3A (bg)	-3.119	Yes	Mann-W
Copper (mg/L)	GWA-40 (bg)	-1.42	No	Mann-W
Copper (mg/L)	GWA-41 (bg)	-0.4987	No	Mann-W
Copper (mg/L)	GWA-41R (bg)	-0.8972	No	Mann-W
Copper (mg/L)	GWA-42 (bg)	-0.5657	No	Mann-W
Copper (mg/L)	GWA-43 (bg)	-1.352	No	Mann-W
Copper (mg/L)	GWA-43R (bg)	-1.852	No	Mann-W
Copper (mg/L)	GWA-4RZ (bg)	-0.3935	No	Mann-W
Copper (mg/L)	GWA-50 (bg)	-3.651	Yes	Mann-W
Copper (mg/L)	GWA-50R (bg)	-1.96	No	Mann-W
Copper (mg/L)	GWC-10	0.1632	No	Mann-W
Copper (mg/L)	GWC-10R	-0.4511	No	Mann-W
Copper (mg/L)	GWC-11	-0.6732	No	Mann-W
Copper (mg/L)	GWC-11R	-2.266	No	Mann-W
Copper (mg/L)	GWC-12	0.3414	No	Mann-W
Copper (mg/L)	GWC-13	-1.145	No	Mann-W
Copper (mg/L)	GWC-13RZ	-1.635	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Copper (mg/L)	GWC-14Z	1.22	No	Mann-W
Copper (mg/L)	GWC-15R	0.05949	No	Mann-W
Copper (mg/L)	GWC-15Z	-0.8218	No	Mann-W
Copper (mg/L)	GWC-44	-1.188	No	Mann-W
Copper (mg/L)	GWC-45	1.135	No	Mann-W
Copper (mg/L)	GWC-45R	0.6455	No	Mann-W
Copper (mg/L)	GWC-46R	0.6455	No	Mann-W
Copper (mg/L)	GWC-47	1.037	No	Mann-W
Copper (mg/L)	GWC-47R	-0.3297	No	Mann-W
Copper (mg/L)	GWC-48	-0.6412	No	Mann-W
Copper (mg/L)	GWC-49Z	-1.122	No	Mann-W
Copper (mg/L)	GWC-5	-1.16	No	Mann-W
Copper (mg/L)	GWC-6	0.02708	No	Mann-W
Copper (mg/L)	GWC-6RZ	-1.42	No	Mann-W
Copper (mg/L)	GWC-7Z	-0.3172	No	Mann-W
Copper (mg/L)	GWC-8RR	0.527	No	Mann-W
Copper (mg/L)	GWC-8Z	-0.4275	No	Mann-W
Copper (mg/L)	GWC-9	-1.14	No	Mann-W
Lead (mg/L)	GWA-1 (bg)	-1.32	No	Mann-W
Lead (mg/L)	GWA-2 (bg)	1.862	No	Mann-W
Lead (mg/L)	GWA-2R (bg)	-4.151	Yes	Mann-W
Lead (mg/L)	GWA-39RZ (bg)	-1.928	No	Mann-W
Lead (mg/L)	GWA-39Z (bg)	-0.8111	No	Mann-W
Lead (mg/L)	GWA-40 (bg)	0.2028	No	Mann-W
Lead (mg/L)	GWA-41 (bg)	-1.477	No	Mann-W
Lead (mg/L)	GWA-41R (bg)	-0.9424	No	Mann-W
Lead (mg/L)	GWA-42 (bg)	0	No	Mann-W
Lead (mg/L)	GWA-43 (bg)	-1.94	No	Mann-W
Lead (mg/L)	GWA-43R (bg)	-1.969	No	Mann-W
Lead (mg/L)	GWA-4RZ (bg)	-0.628	No	Mann-W
Lead (mg/L)	GWA-50 (bg)	-0.8113	No	Mann-W
Lead (mg/L)	GWA-50R (bg)	-0.5604	No	Mann-W
Lead (mg/L)	GWC-10	-2.382	No	Mann-W
Lead (mg/L)	GWC-10R	-2.382	No	Mann-W
Lead (mg/L)	GWC-11	-2.611	Yes	Mann-W
Lead (mg/L)	GWC-11R	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-13	-2.258	No	Mann-W
Lead (mg/L)	GWC-13RZ	-3.532	Yes	Mann-W
Lead (mg/L)	GWC-14Z	-1.345	No	Mann-W
Lead (mg/L)	GWC-15R	-3.324	Yes	Mann-W
Lead (mg/L)	GWC-15Z	-4.151	Yes	Mann-W
Lead (mg/L)	GWC-44	0.9113	No	Mann-W
Lead (mg/L)	GWC-45	-0.3609	No	Mann-W
Lead (mg/L)	GWC-45R	0.4993	No	Mann-W
Lead (mg/L)	GWC-47	-0.6859	No	Mann-W
Lead (mg/L)	GWC-47R	-1.013	No	Mann-W
Lead (mg/L)	GWC-48	1.346	No	Mann-W
Lead (mg/L)	GWC-49Z	-2.413	No	Mann-W
Lead (mg/L)	GWC-5	-2.382	No	Mann-W
Lead (mg/L)	GWC-6	-3.69	Yes	Mann-W
Lead (mg/L)	GWC-6RZ	-0.3199	No	Mann-W
Lead (mg/L)	GWC-7Z	-0.3205	No	Mann-W
Lead (mg/L)	GWC-8RR	-2.029	No	Mann-W
Lead (mg/L)	GWC-8Z	-1.855	No	Mann-W
Lead (mg/L)	GWC-9	-2.651	Yes	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

Constituent	Well	Calc.	0.01	Method
Nickel (mg/L)	GWA-1 (bg)	-1.918	No	Mann-W
Nickel (mg/L)	GWA-2 (bg)	0.09032	No	Mann-W
Nickel (mg/L)	GWA-2R (bg)	-2.636	Yes	Mann-W
Nickel (mg/L)	GWA-39RZ (bg)	-1.268	No	Mann-W
Nickel (mg/L)	GWA-39Z (bg)	-0.5612	No	Mann-W
Nickel (mg/L)	GWA-3A (bg)	-3.499	Yes	Mann-W
Nickel (mg/L)	GWA-41 (bg)	0.9348	No	Mann-W
Nickel (mg/L)	GWA-41R (bg)	-1.016	No	Mann-W
Nickel (mg/L)	GWA-42 (bg)	-1.162	No	Mann-W
Nickel (mg/L)	GWA-43 (bg)	0.614	No	Mann-W
Nickel (mg/L)	GWA-43R (bg)	0.6455	No	Mann-W
Nickel (mg/L)	GWA-4RZ (bg)	-1.369	No	Mann-W
Nickel (mg/L)	GWA-50 (bg)	-0.9591	No	Mann-W
Nickel (mg/L)	GWA-50R (bg)	-2.776	Yes	Mann-W
Nickel (mg/L)	GWC-10	-2.405	No	Mann-W
Nickel (mg/L)	GWC-10R	-2.1	No	Mann-W
Nickel (mg/L)	GWC-11	0.4527	No	Mann-W
Nickel (mg/L)	GWC-11R	0.6206	No	Mann-W
Nickel (mg/L)	GWC-12	-2.723	Yes	Mann-W
Nickel (mg/L)	GWC-13	-1.024	No	Mann-W
Nickel (mg/L)	GWC-13RZ	-0.03624	No	Mann-W
Nickel (mg/L)	GWC-14Z	-1.706	No	Mann-W
Nickel (mg/L)	GWC-15R	-3.393	Yes	Mann-W
Nickel (mg/L)	GWC-15Z	-0.7256	No	Mann-W
Nickel (mg/L)	GWC-44	0.4187	No	Mann-W
Nickel (mg/L)	GWC-45	-2.726	Yes	Mann-W
Nickel (mg/L)	GWC-45R	-1.42	No	Mann-W
Nickel (mg/L)	GWC-46R	0.6455	No	Mann-W
Nickel (mg/L)	GWC-47	0.6455	No	Mann-W
Nickel (mg/L)	GWC-47R	0.6862	No	Mann-W
Nickel (mg/L)	GWC-48	1.253	No	Mann-W
Nickel (mg/L)	GWC-49R	-1.42	No	Mann-W
Nickel (mg/L)	GWC-49Z	-2.225	No	Mann-W
Nickel (mg/L)	GWC-5	-3.106	Yes	Mann-W
Nickel (mg/L)	GWC-6	0.2928	No	Mann-W
Nickel (mg/L)	GWC-7Z	-1.405	No	Mann-W
Nickel (mg/L)	GWC-8RR	0.8401	No	Mann-W
Nickel (mg/L)	GWC-8Z	0.6601	No	Mann-W
Nickel (mg/L)	GWC-9	-2.355	No	Mann-W
Selenium (mg/L)	GWA-2 (bg)	-1.465	No	Mann-W
Selenium (mg/L)	GWA-2R (bg)	-2.382	No	Mann-W
Selenium (mg/L)	GWA-43 (bg)	0.6155	No	Mann-W
Selenium (mg/L)	GWC-13	-2.11	No	Mann-W
Selenium (mg/L)	GWC-13RZ	0.8643	No	Mann-W
Selenium (mg/L)	GWC-14Z	-3.363	Yes	Mann-W
Selenium (mg/L)	GWC-15R	0.3608	No	Mann-W
Selenium (mg/L)	GWC-44	0.2084	No	Mann-W
Selenium (mg/L)	GWC-46R	0.6155	No	Mann-W
Selenium (mg/L)	GWC-48	0.6155	No	Mann-W
Selenium (mg/L)	GWC-5	-1.796	No	Mann-W
Selenium (mg/L)	GWC-6RZ	-1.687	No	Mann-W
Selenium (mg/L)	GWC-8Z	1.476	No	Mann-W
Selenium (mg/L)	GWC-9	0.3608	No	Mann-W
Silver (mg/L)	GWA-39RZ (bg)	0.6761	No	Mann-W
Silver (mg/L)	GWA-50 (bg)	-2.564	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

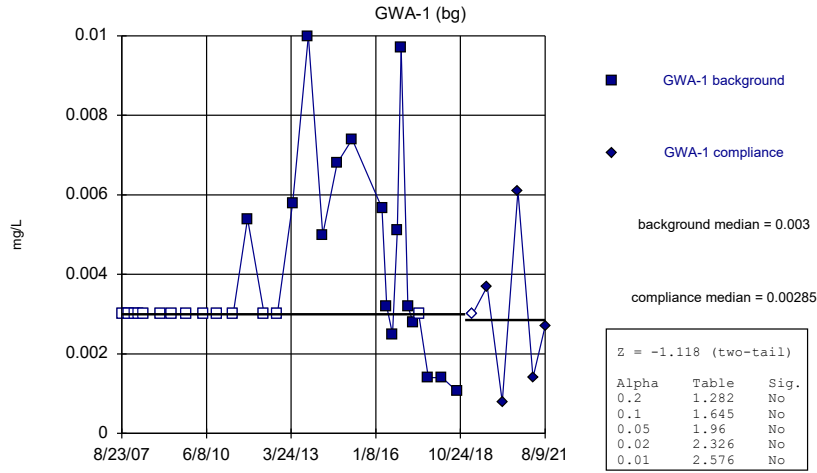
Constituent	Well	Calc.	0.01	Method
Silver (mg/L)	GWA-50R (bg)	-1.567	No	Mann-W
Silver (mg/L)	GWC-12	0.3928	No	Mann-W
Silver (mg/L)	GWC-13RZ	0.4003	No	Mann-W
Vanadium (mg/L)	GWA-1 (bg)	0.7954	No	Mann-W
Vanadium (mg/L)	GWA-2 (bg)	1.108	No	Mann-W
Vanadium (mg/L)	GWA-2R (bg)	-1.608	No	Mann-W
Vanadium (mg/L)	GWA-39RZ (bg)	0.6761	No	Mann-W
Vanadium (mg/L)	GWA-3A (bg)	0.5565	No	Mann-W
Vanadium (mg/L)	GWA-43 (bg)	0.6455	No	Mann-W
Vanadium (mg/L)	GWA-43R (bg)	-0.5657	No	Mann-W
Vanadium (mg/L)	GWA-4RZ (bg)	-1.021	No	Mann-W
Vanadium (mg/L)	GWA-50R (bg)	1.551	No	Mann-W
Vanadium (mg/L)	GWC-10	0.9466	No	Mann-W
Vanadium (mg/L)	GWC-11	0.7956	No	Mann-W
Vanadium (mg/L)	GWC-11R	2.209	No	Mann-W
Vanadium (mg/L)	GWC-12	1.338	No	Mann-W
Vanadium (mg/L)	GWC-13	0.07988	No	Mann-W
Vanadium (mg/L)	GWC-13RZ	1.311	No	Mann-W
Vanadium (mg/L)	GWC-14Z	1.22	No	Mann-W
Vanadium (mg/L)	GWC-15R	-2.2	No	Mann-W
Vanadium (mg/L)	GWC-15Z	-1.262	No	Mann-W
Vanadium (mg/L)	GWC-45	0.6455	No	Mann-W
Vanadium (mg/L)	GWC-47R	-1.42	No	Mann-W
Vanadium (mg/L)	GWC-5	0.7954	No	Mann-W
Vanadium (mg/L)	GWC-6	1.577	No	Mann-W
Vanadium (mg/L)	GWC-8RR	0.8401	No	Mann-W
Vanadium (mg/L)	GWC-8Z	0.6455	No	Mann-W
Vanadium (mg/L)	GWC-9	1.085	No	Mann-W
Zinc (mg/L)	GWA-1 (bg)	0.6871	No	Mann-W
Zinc (mg/L)	GWA-2 (bg)	0.2422	No	Mann-W
Zinc (mg/L)	GWA-2R (bg)	0.6967	No	Mann-W
Zinc (mg/L)	GWA-39RZ (bg)	0.1811	No	Mann-W
Zinc (mg/L)	GWA-39Z (bg)	-0.8689	No	Mann-W
Zinc (mg/L)	GWA-3A (bg)	-3.324	Yes	Mann-W
Zinc (mg/L)	GWA-40 (bg)	-1.034	No	Mann-W
Zinc (mg/L)	GWA-41 (bg)	-1.116	No	Mann-W
Zinc (mg/L)	GWA-41R (bg)	-1.253	No	Mann-W
Zinc (mg/L)	GWA-42 (bg)	-0.8257	No	Mann-W
Zinc (mg/L)	GWA-43 (bg)	-0.2317	No	Mann-W
Zinc (mg/L)	GWA-43R (bg)	-0.2899	No	Mann-W
Zinc (mg/L)	GWA-4RZ (bg)	-2.042	No	Mann-W
Zinc (mg/L)	GWA-50 (bg)	1.461	No	Mann-W
Zinc (mg/L)	GWA-50R (bg)	0.9657	No	Mann-W
Zinc (mg/L)	GWC-10	-0.0957	No	Mann-W
Zinc (mg/L)	GWC-10R	0.7603	No	Mann-W
Zinc (mg/L)	GWC-11	0.1896	No	Mann-W
Zinc (mg/L)	GWC-11R	0.6943	No	Mann-W
Zinc (mg/L)	GWC-12	0.584	No	Mann-W
Zinc (mg/L)	GWC-13	0.7387	No	Mann-W
Zinc (mg/L)	GWC-13RZ	1.264	No	Mann-W
Zinc (mg/L)	GWC-14Z	1.547	No	Mann-W
Zinc (mg/L)	GWC-15R	0.4274	No	Mann-W
Zinc (mg/L)	GWC-15Z	0.6002	No	Mann-W
Zinc (mg/L)	GWC-44	-0.05513	No	Mann-W
Zinc (mg/L)	GWC-45	1.247	No	Mann-W

Appendix I Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:36 PM

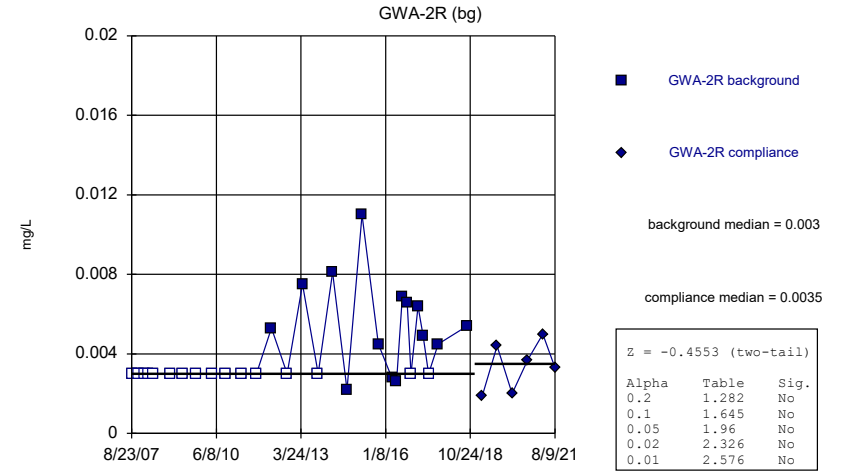
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Zinc (mg/L)	GWC-45R	0.4954	No	Mann-W
Zinc (mg/L)	GWC-46R	0.7178	No	Mann-W
Zinc (mg/L)	GWC-47	2.866	Yes	Mann-W
Zinc (mg/L)	GWC-47R	3.103	Yes	Mann-W
Zinc (mg/L)	GWC-48	-0.3341	No	Mann-W
Zinc (mg/L)	GWC-49R	-1.98	No	Mann-W
Zinc (mg/L)	GWC-49Z	-0.8689	No	Mann-W
Zinc (mg/L)	GWC-5	-2.779	Yes	Mann-W
Zinc (mg/L)	GWC-6	0	No	Mann-W
Zinc (mg/L)	GWC-6RZ	1.216	No	Mann-W
Zinc (mg/L)	GWC-7Z	-1.489	No	Mann-W
Zinc (mg/L)	GWC-8RR	0.5466	No	Mann-W
Zinc (mg/L)	GWC-8Z	0.4634	No	Mann-W
Zinc (mg/L)	GWC-9	0.4609	No	Mann-W

Mann-Whitney (Wilcoxon Rank Sum)



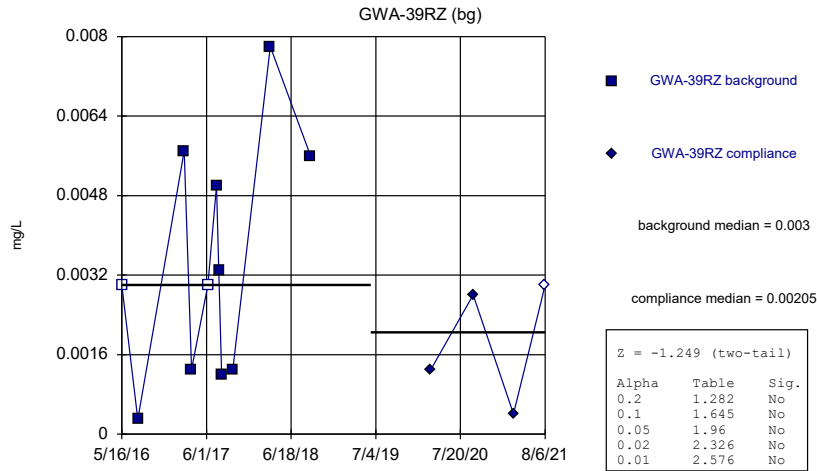
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



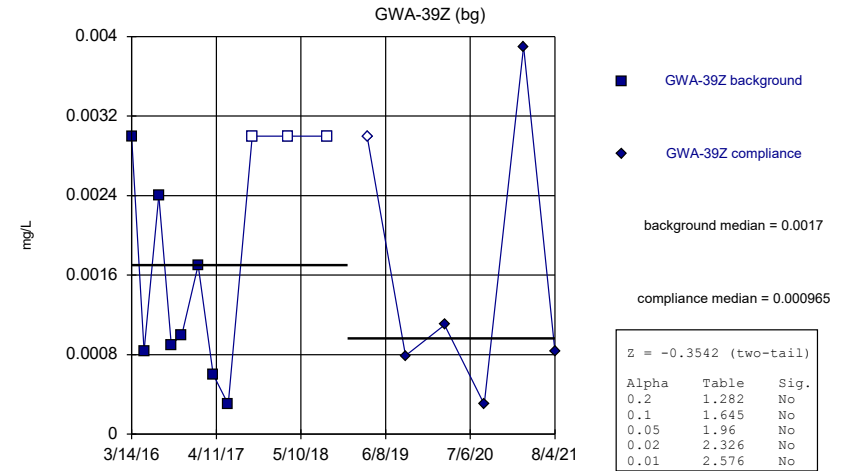
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



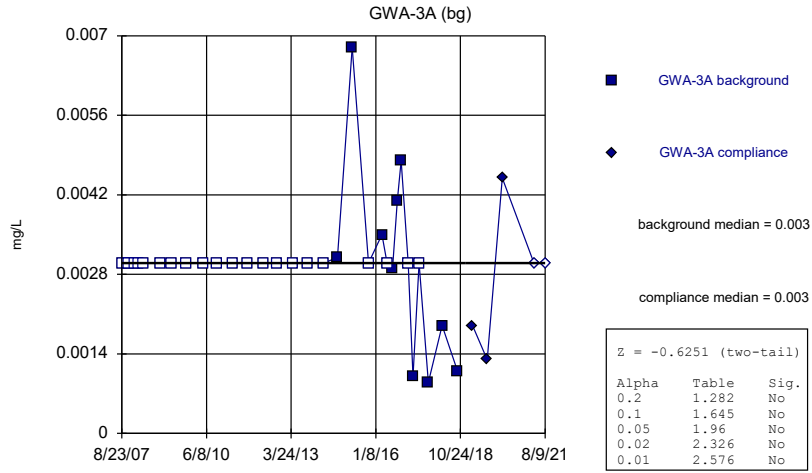
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



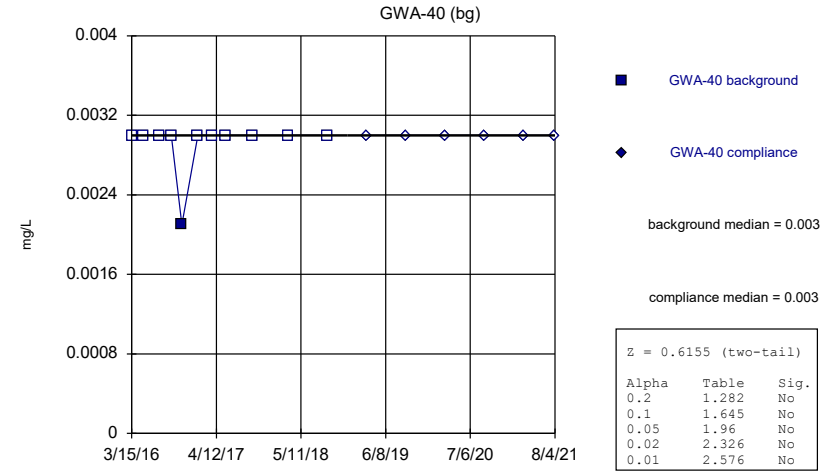
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



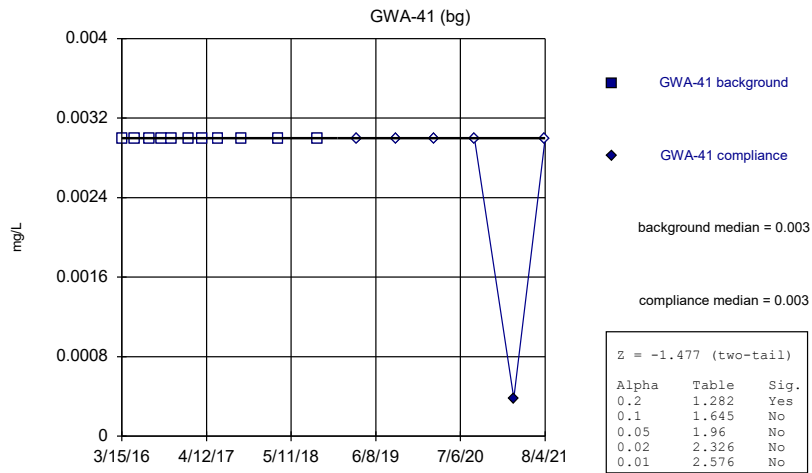
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



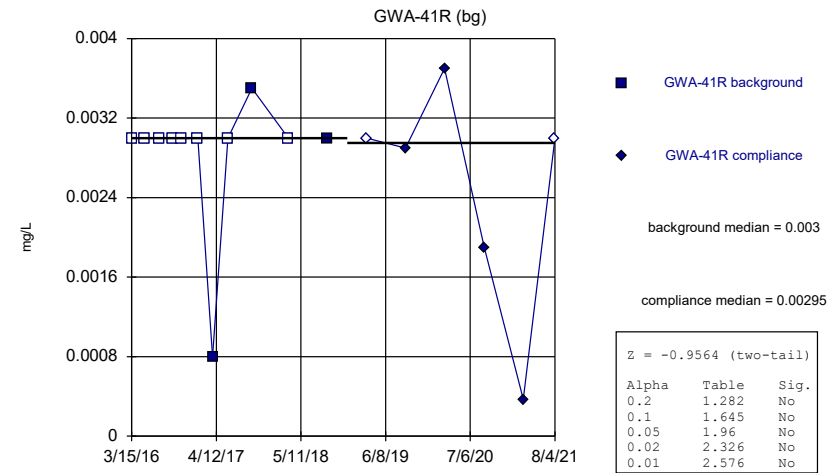
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

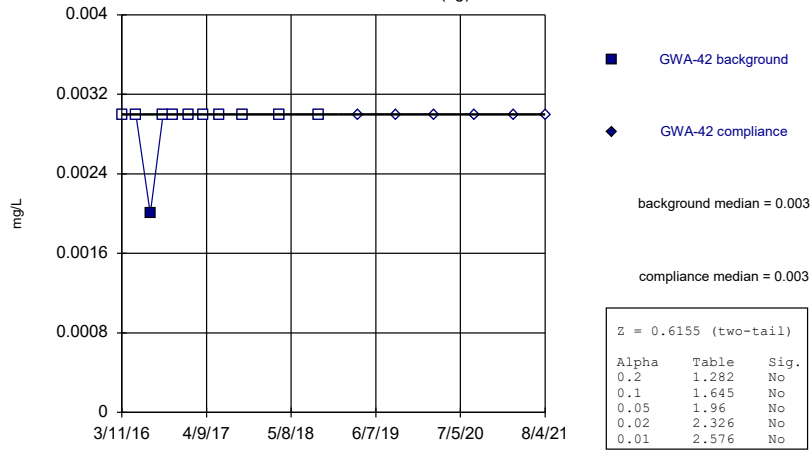
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

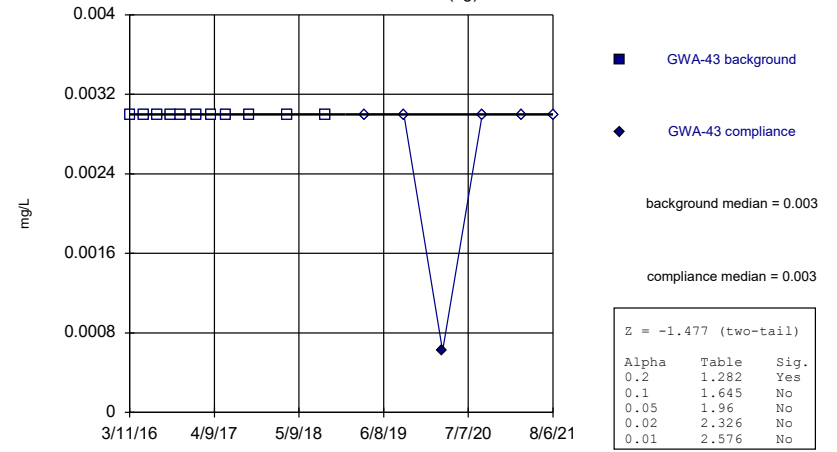
GWA-42 (bg)



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

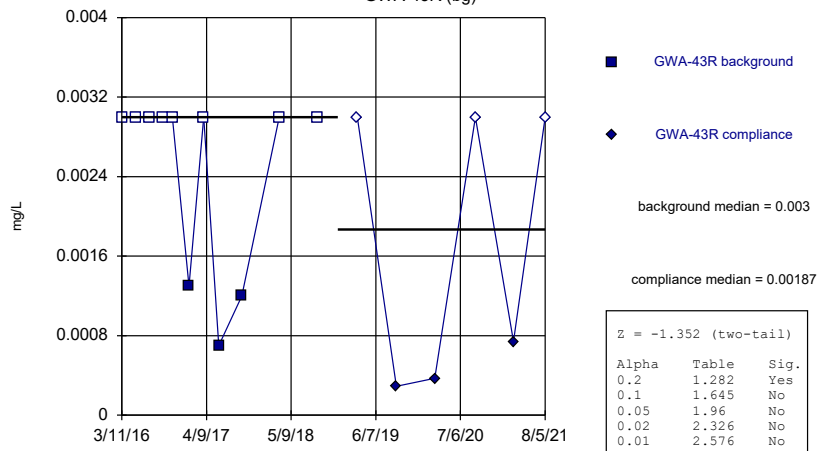
GWA-43 (bg)



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

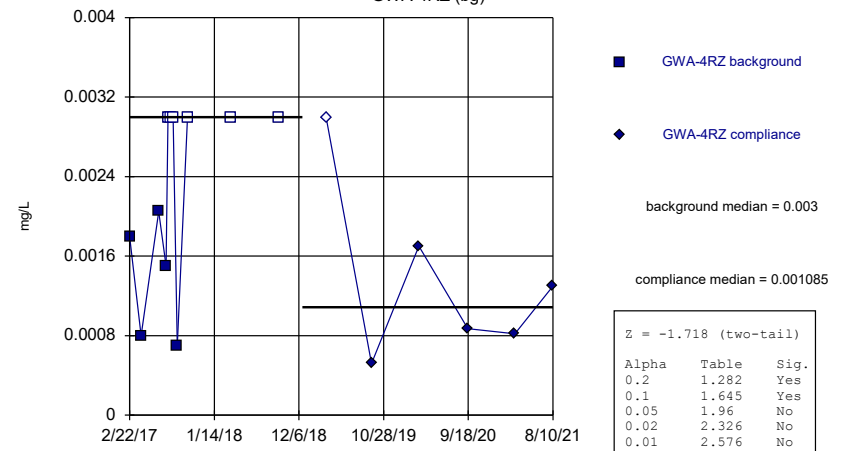
GWA-43R (bg)



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

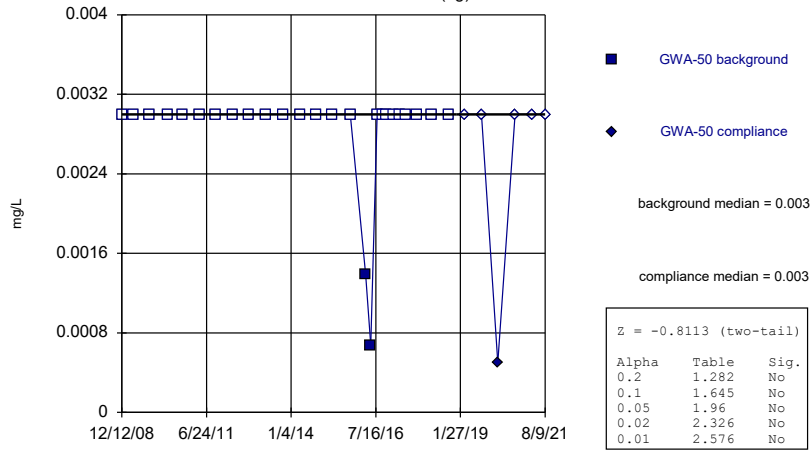
GWA-4RZ (bg)



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

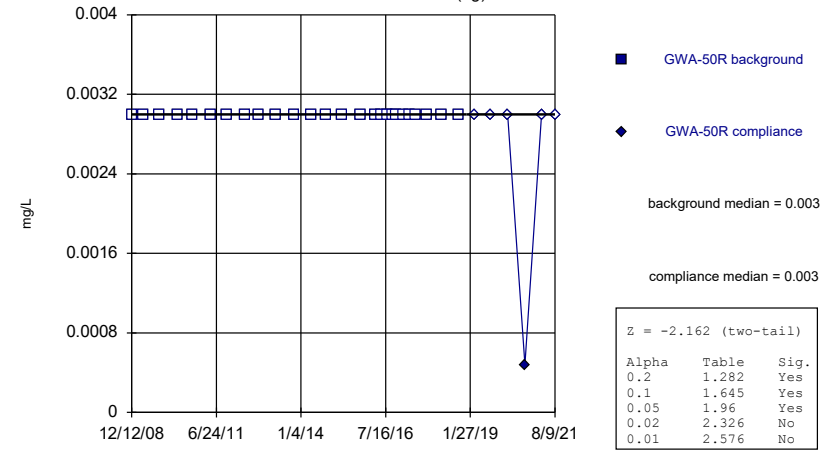
GWA-50 (bg)



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

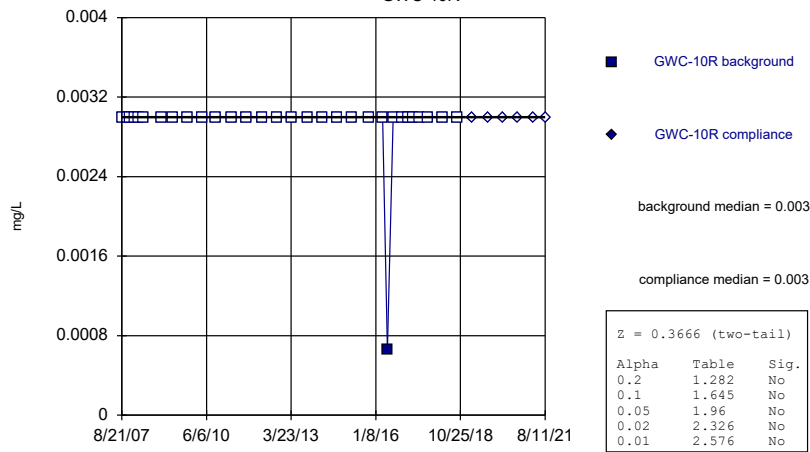
GWA-50R (bg)



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

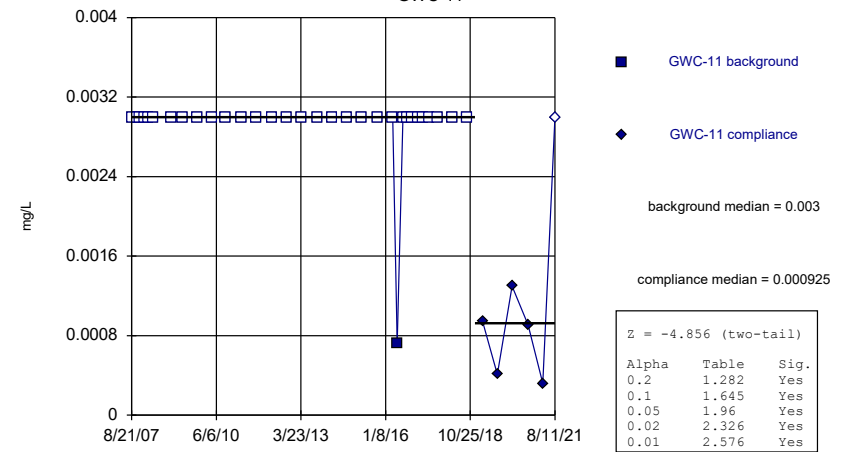
GWC-10R



Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

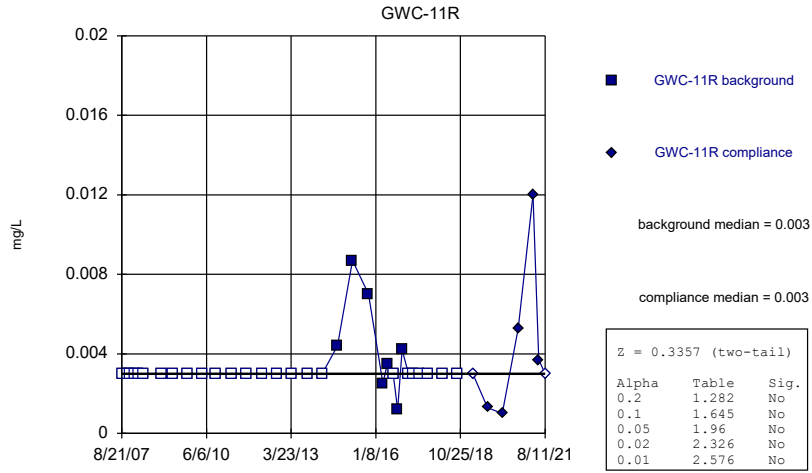
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



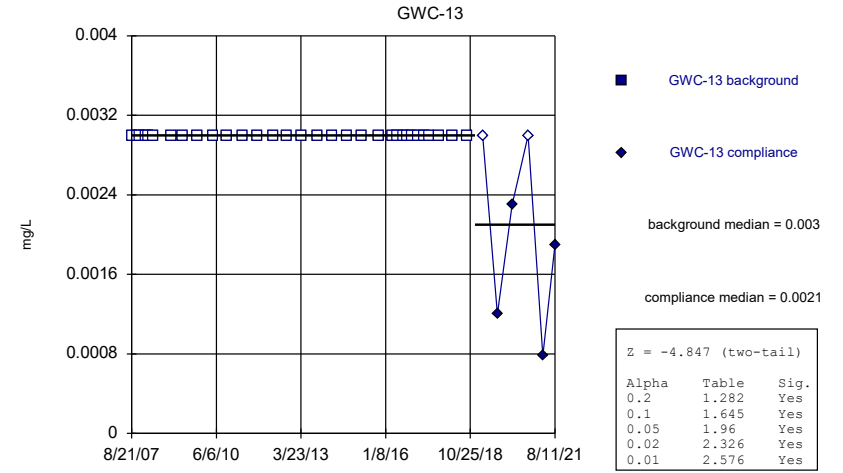
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



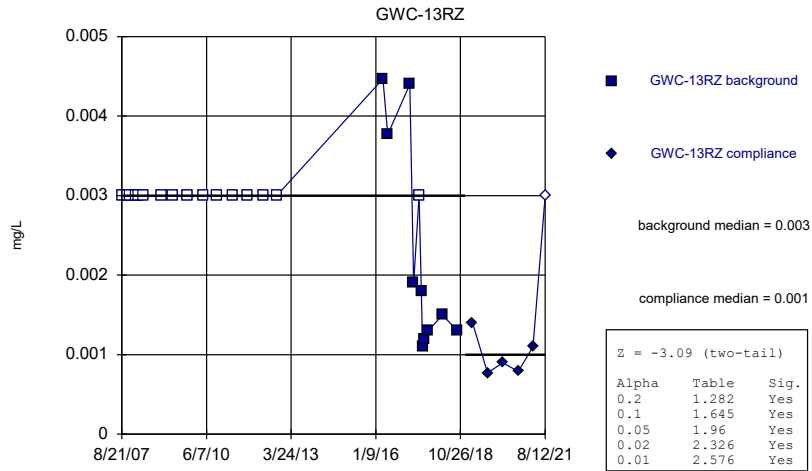
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



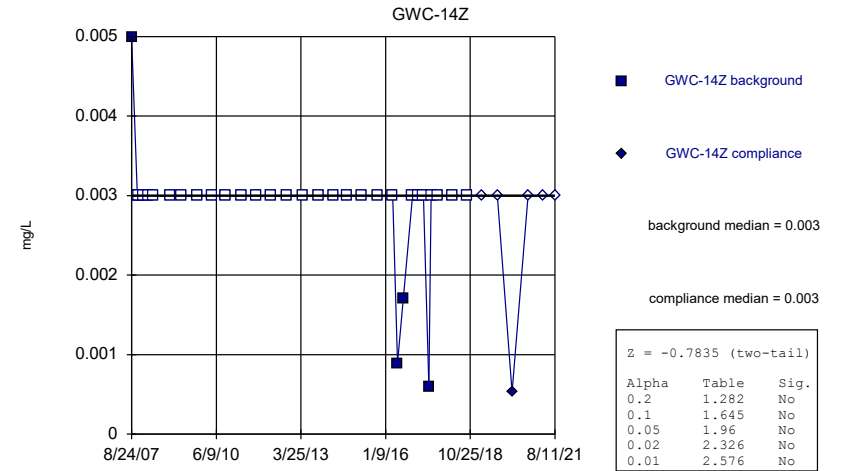
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



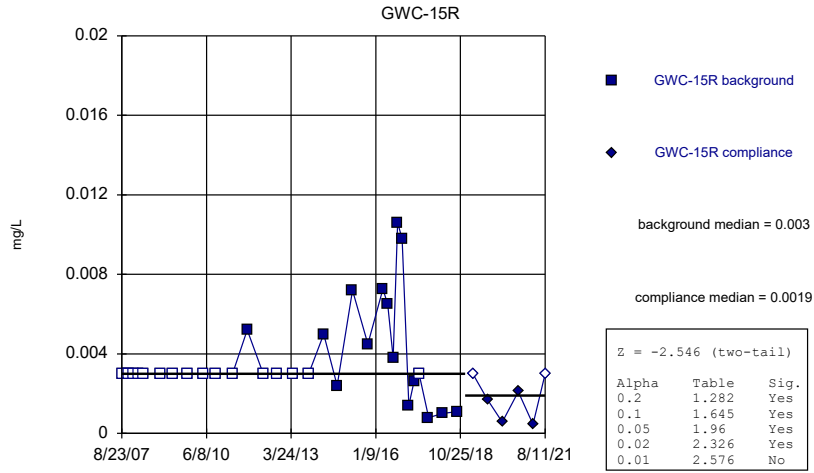
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



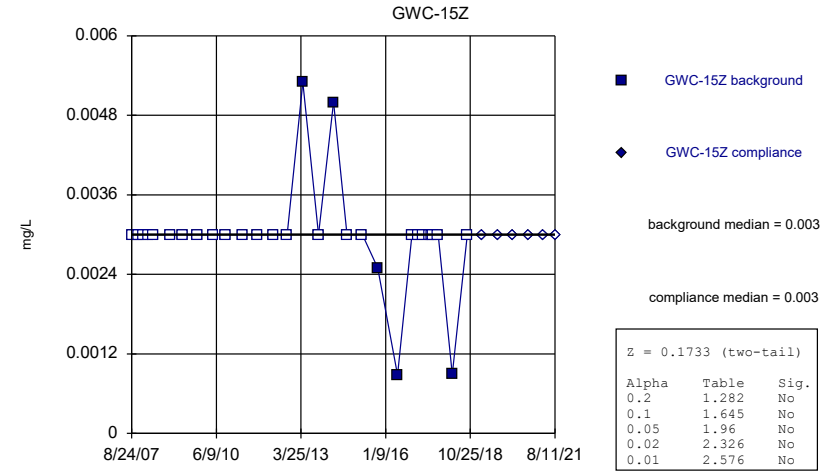
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



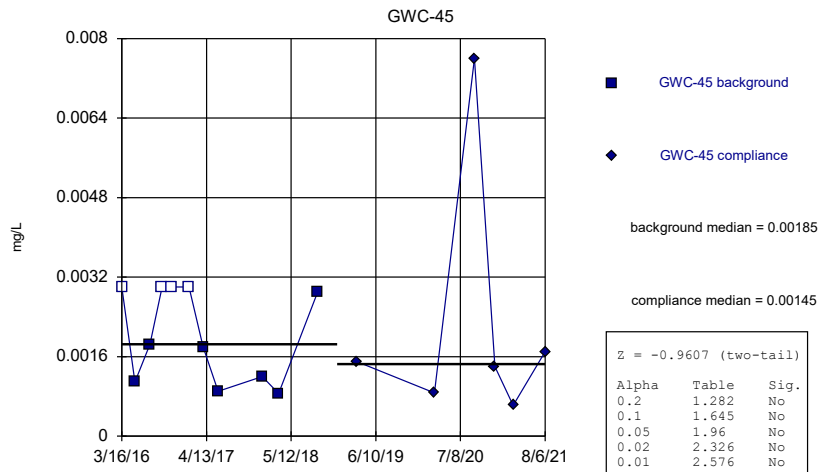
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



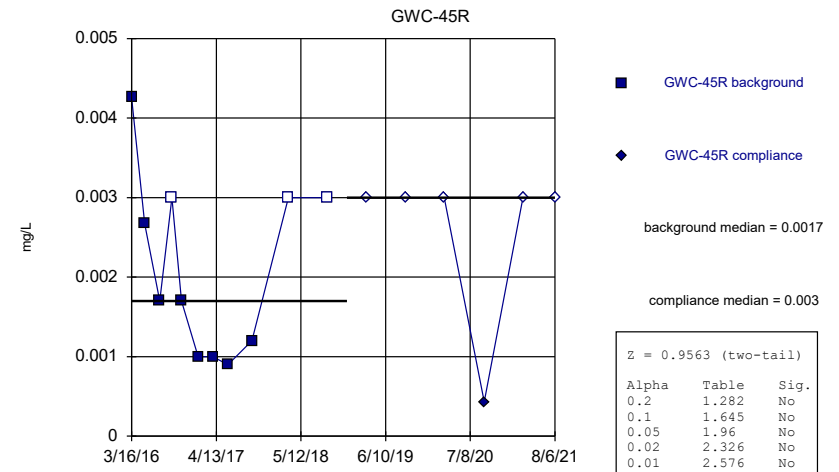
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



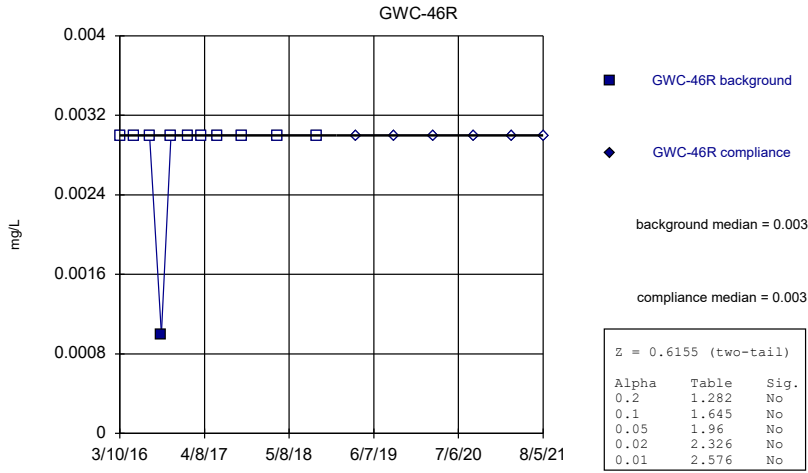
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



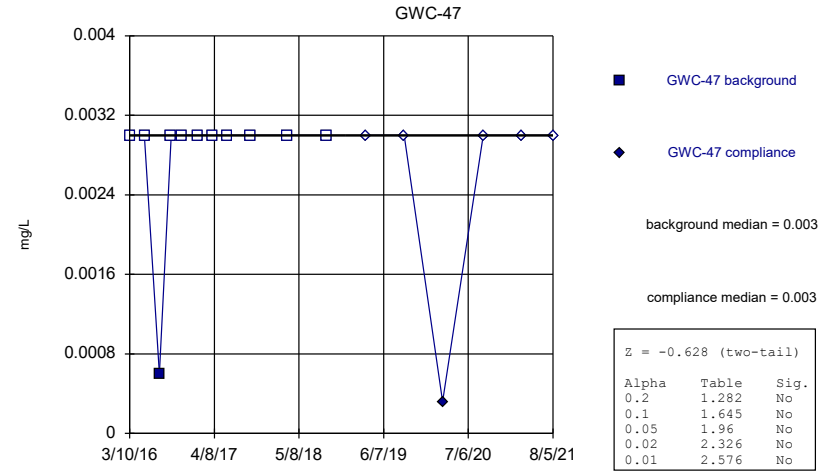
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



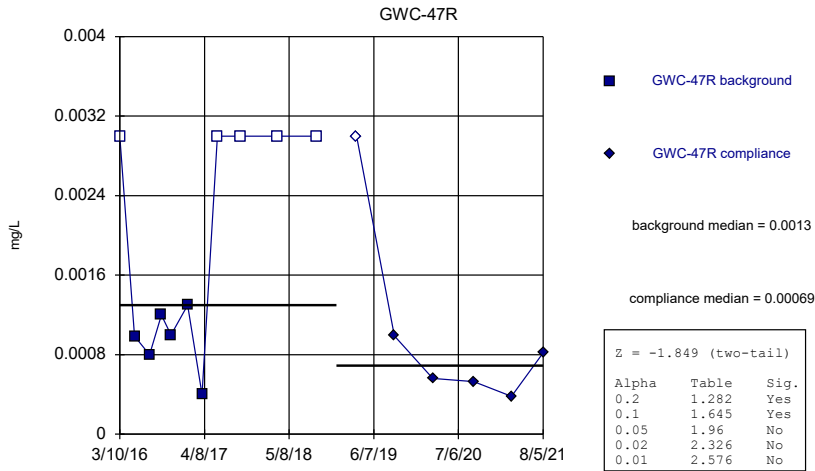
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



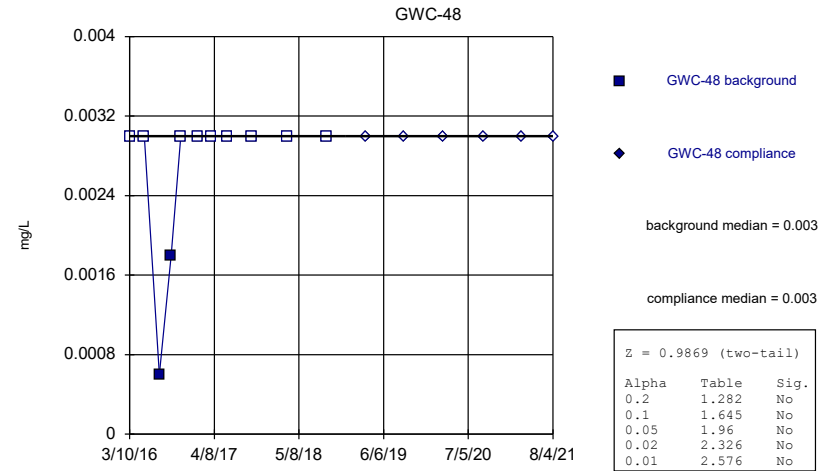
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



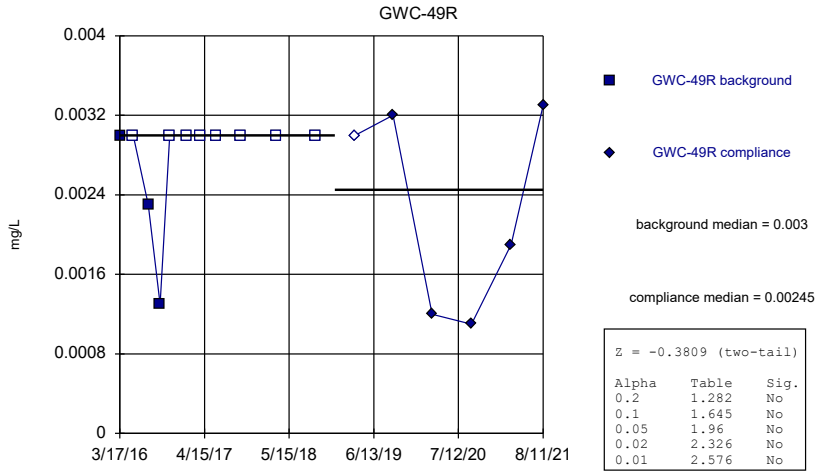
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



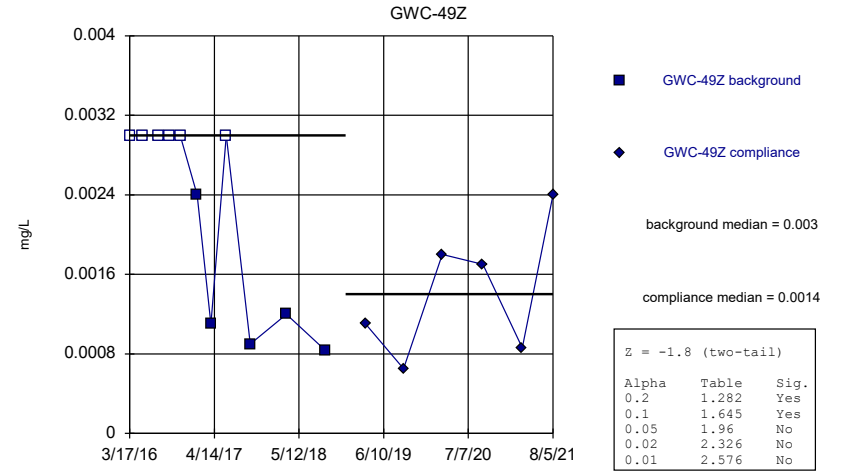
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



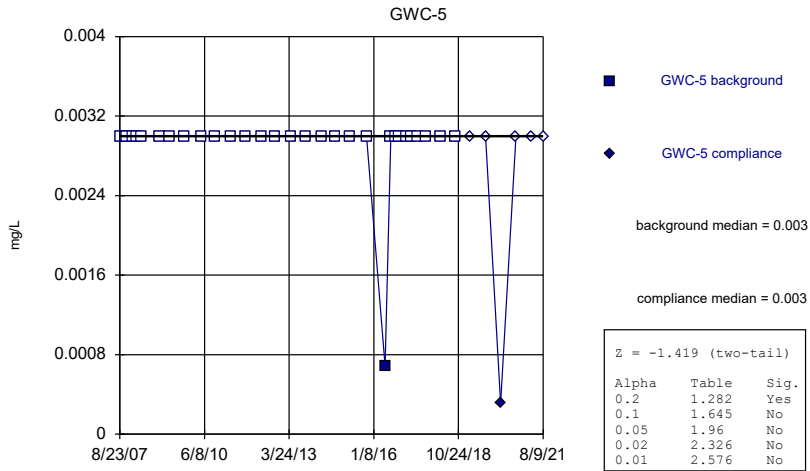
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



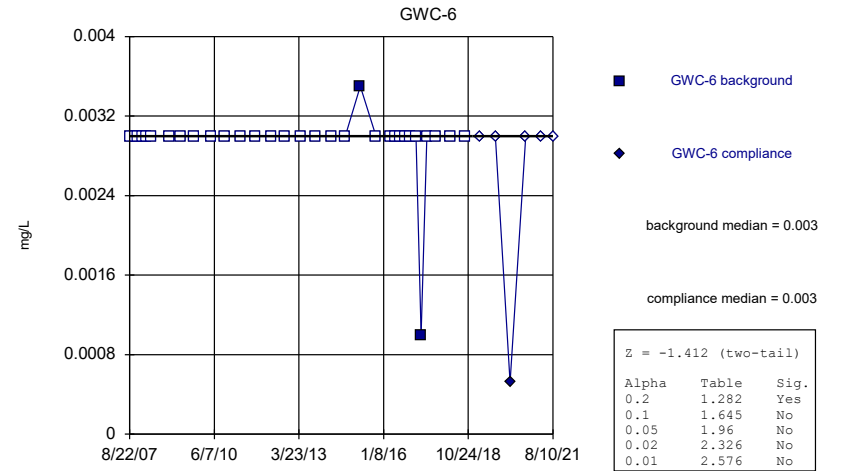
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



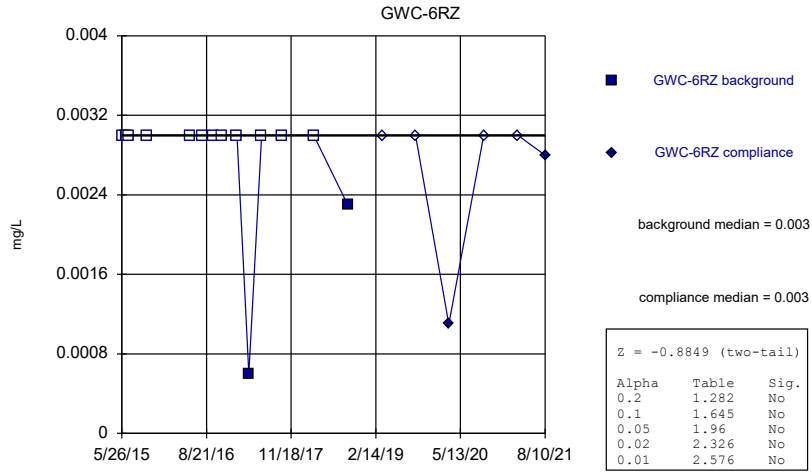
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



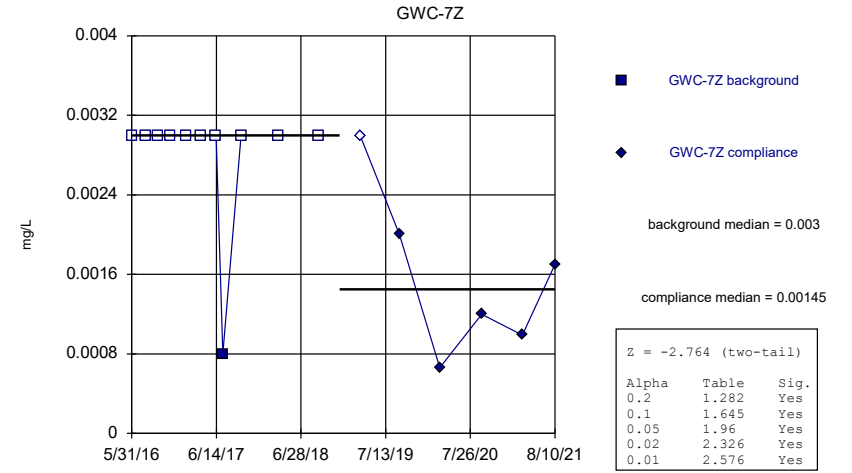
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



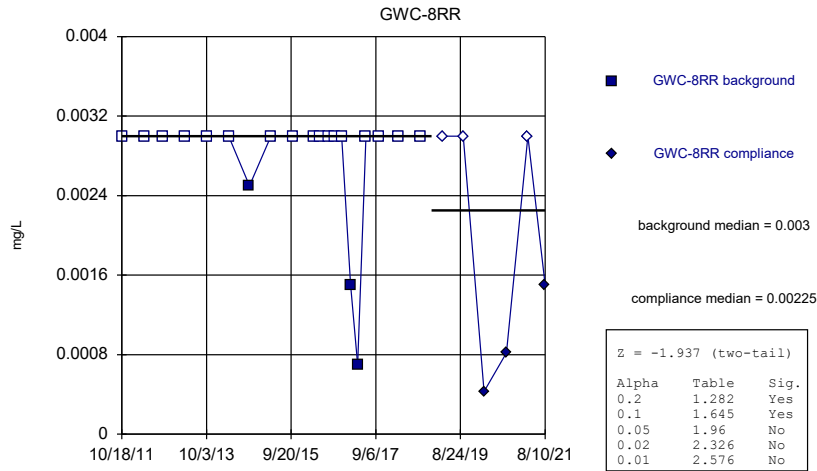
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



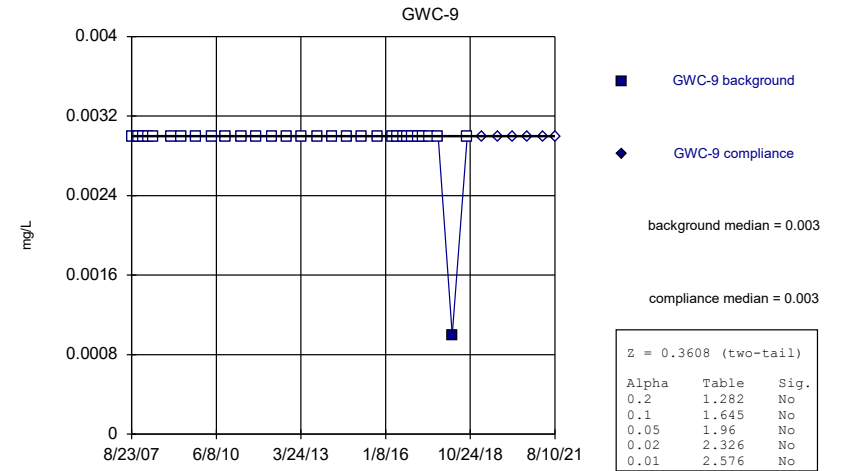
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



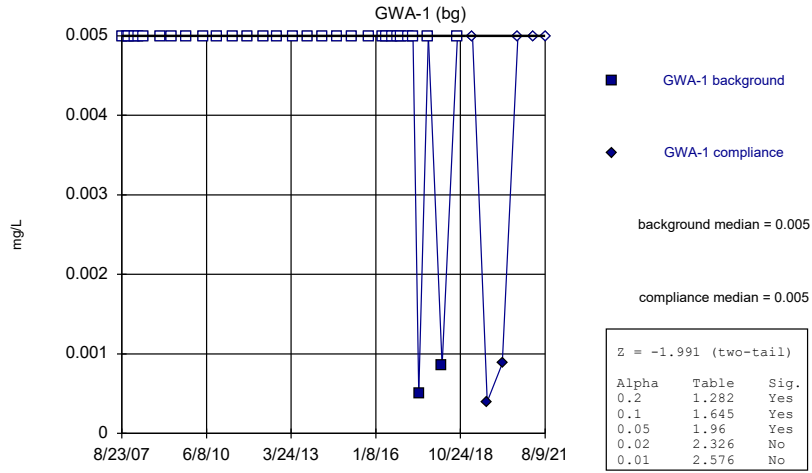
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



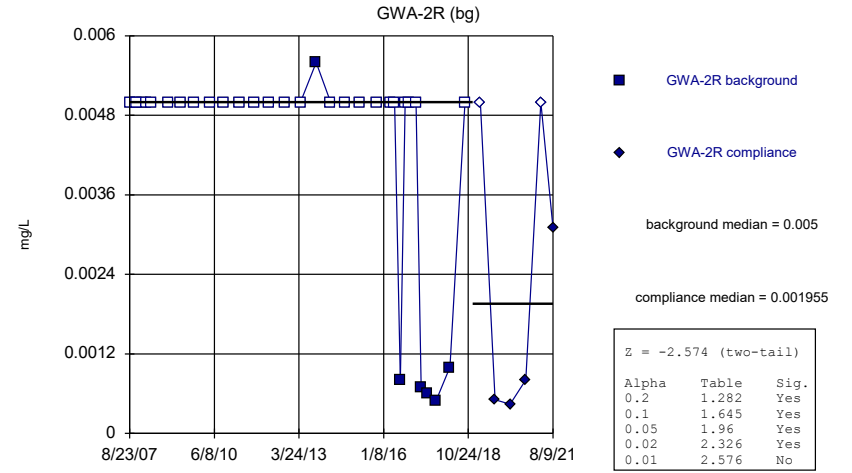
Constituent: Antimony Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



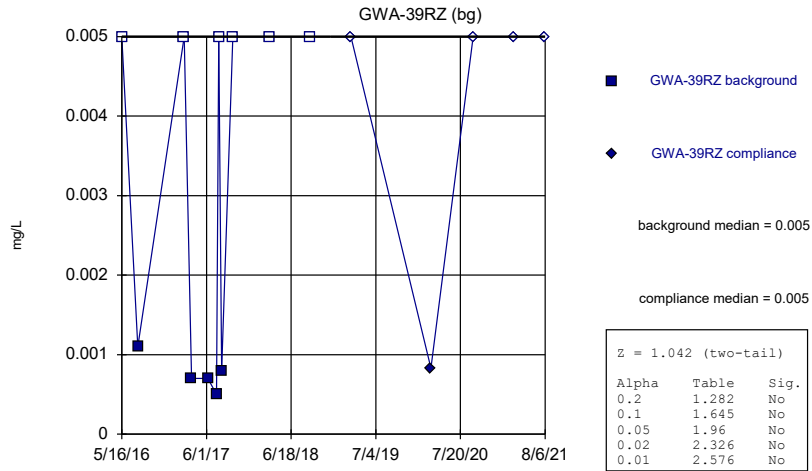
Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



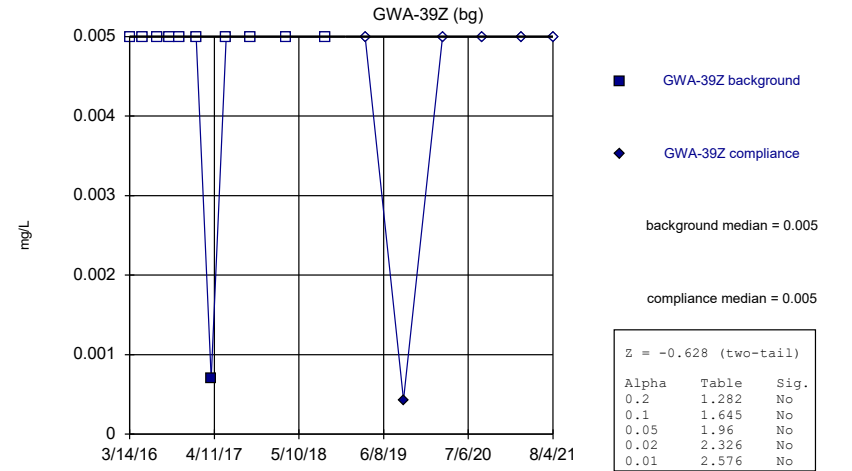
Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



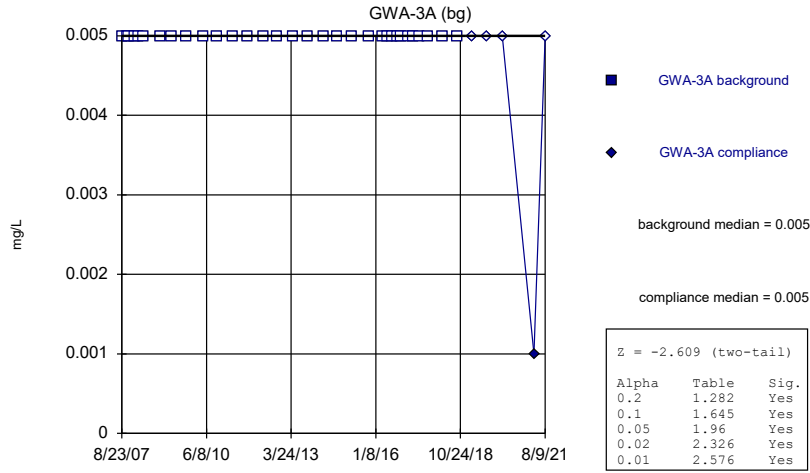
Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



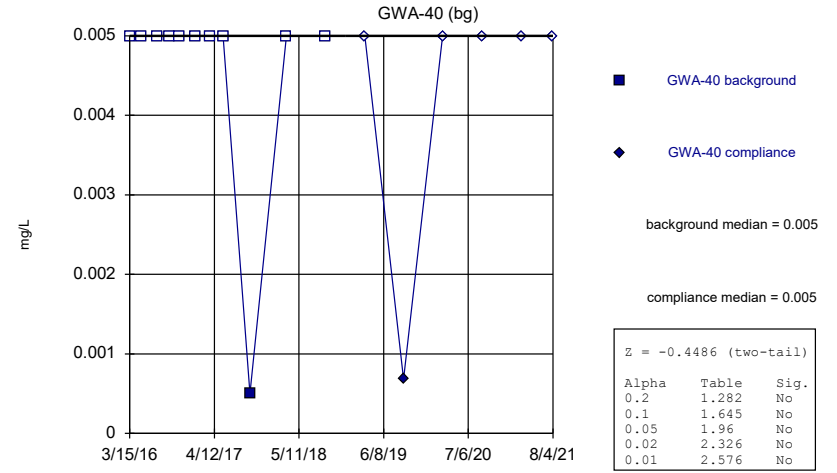
Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



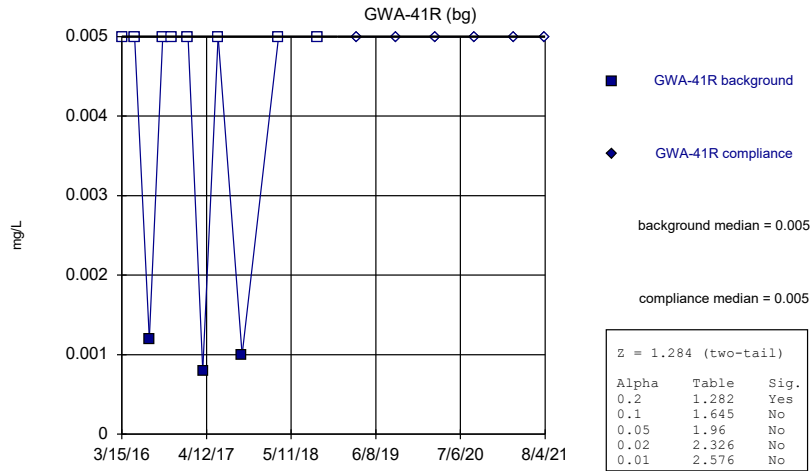
Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



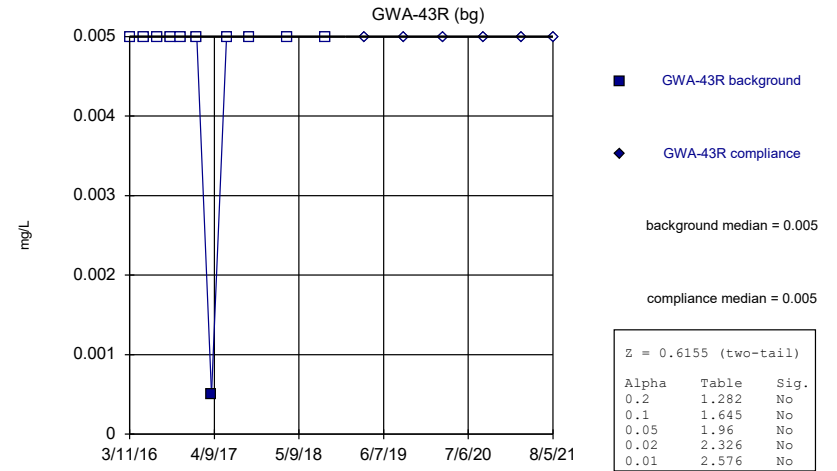
Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

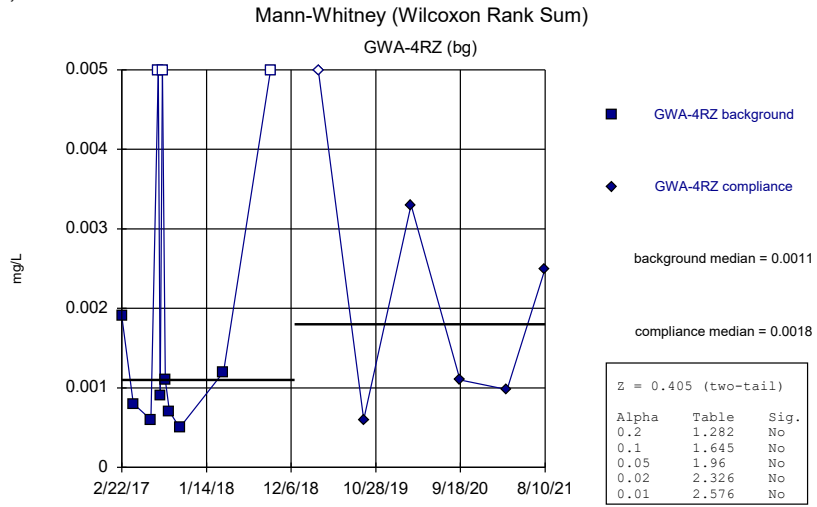


Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

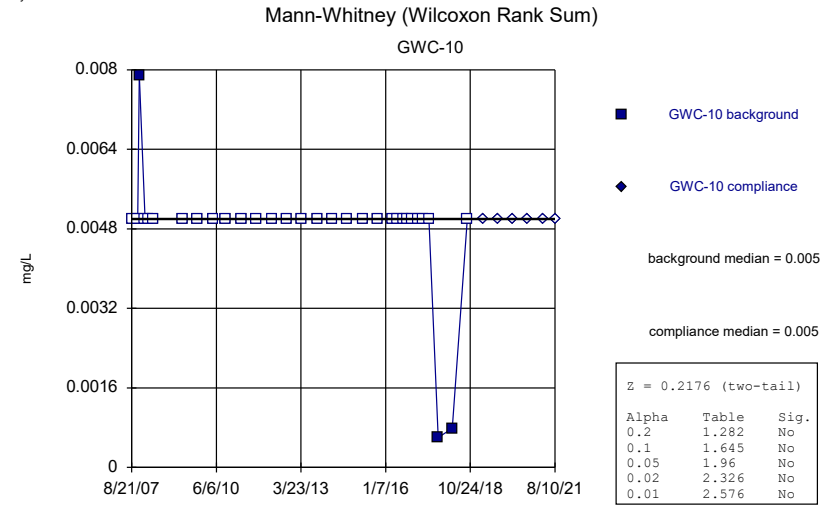
Mann-Whitney (Wilcoxon Rank Sum)



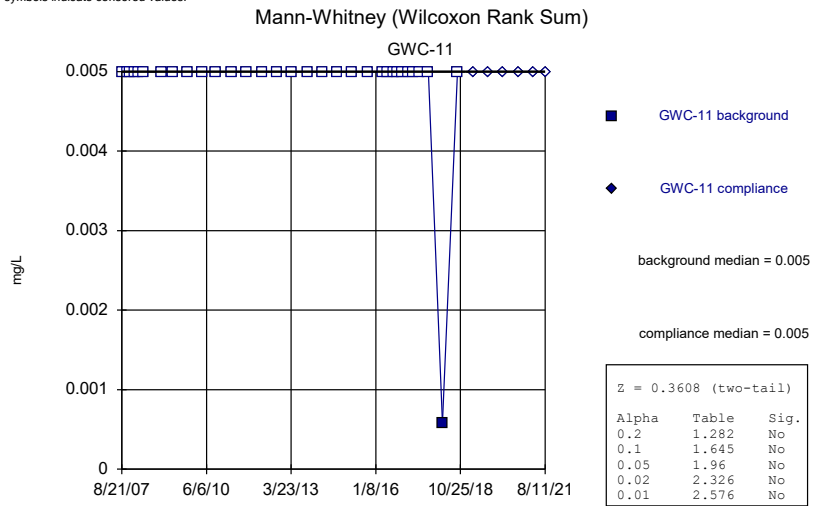
Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



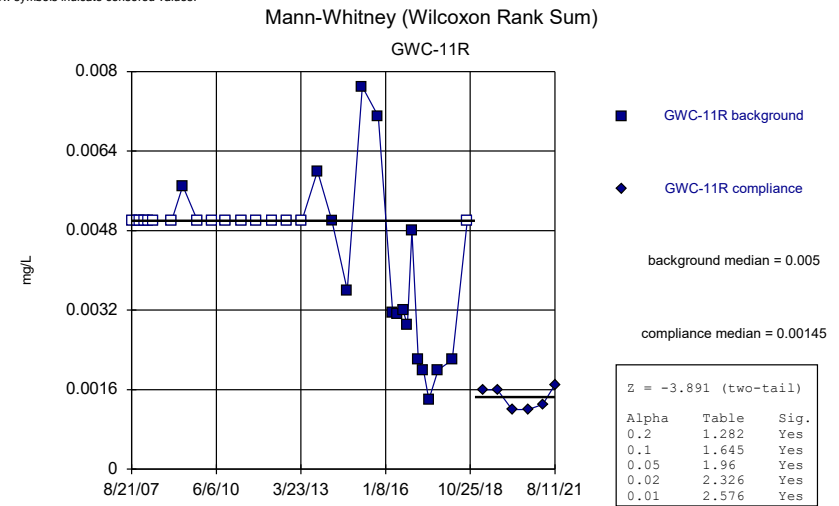
Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Arsenic Analysis Run 4/1/2022 5:28 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

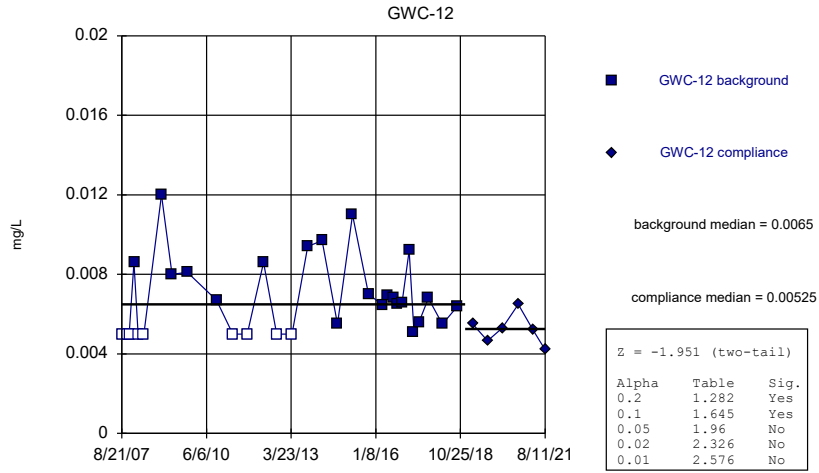


Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



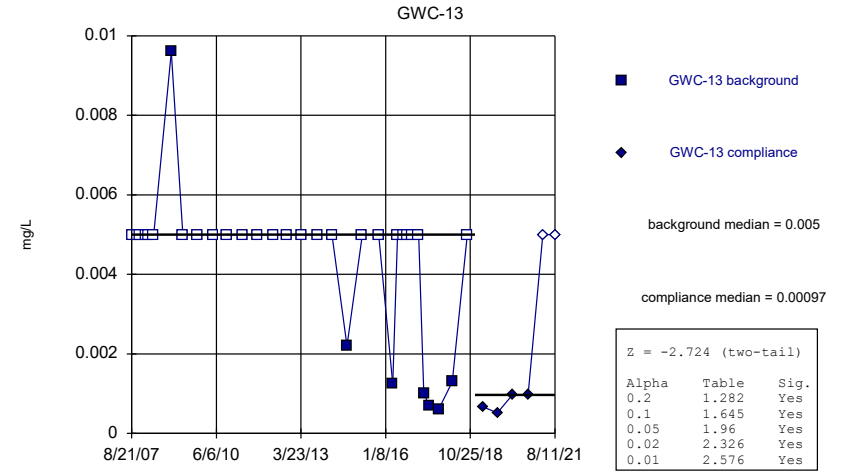
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



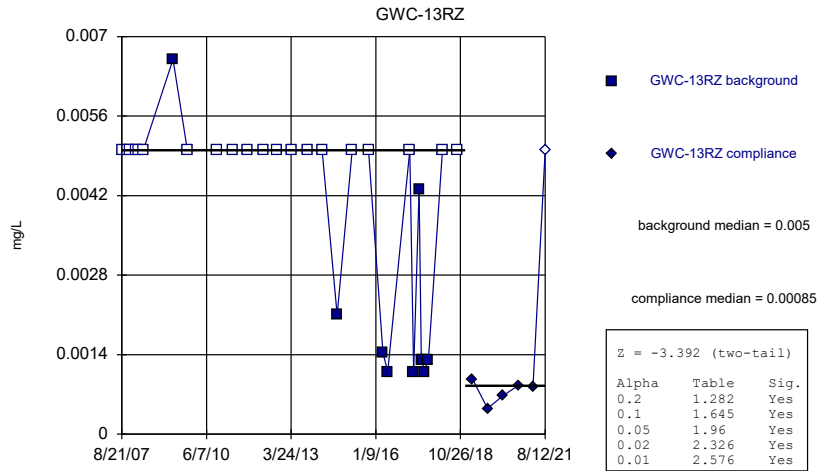
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



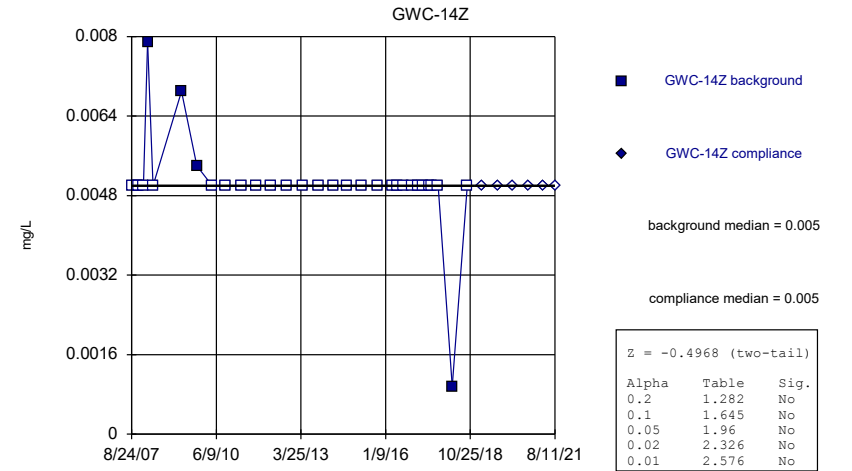
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



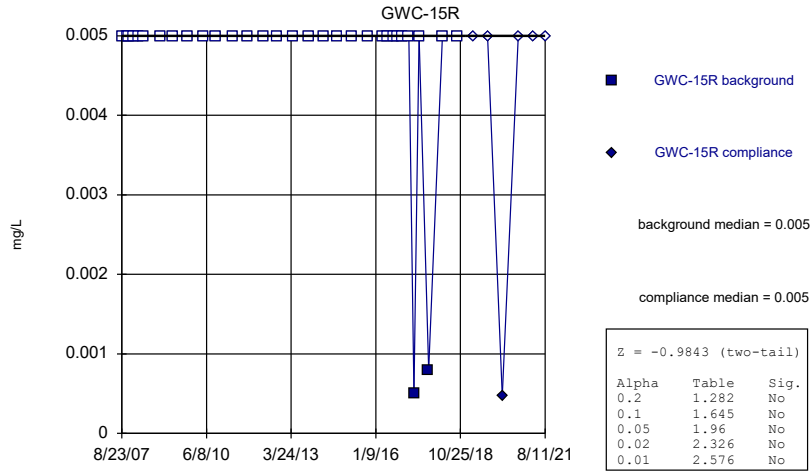
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



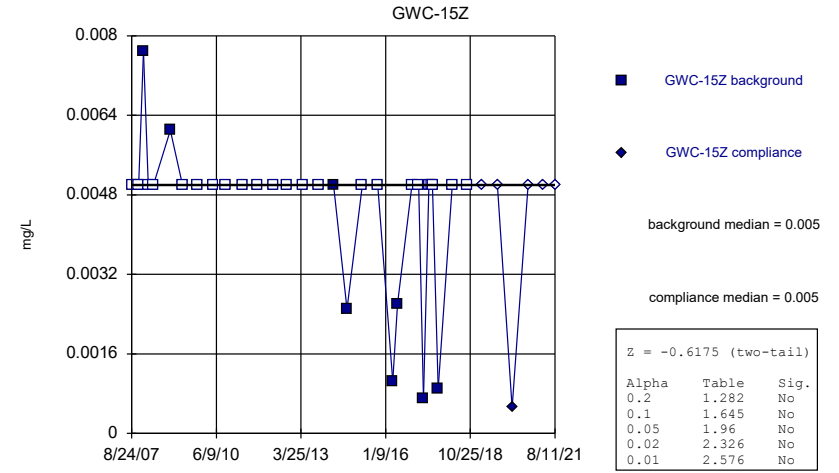
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



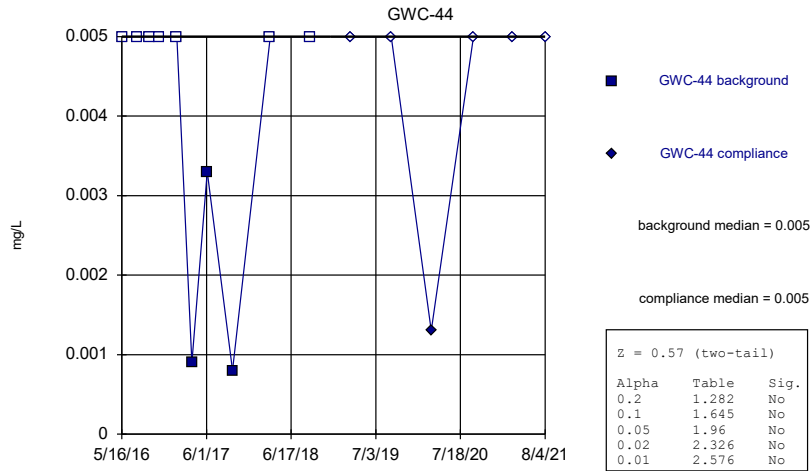
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



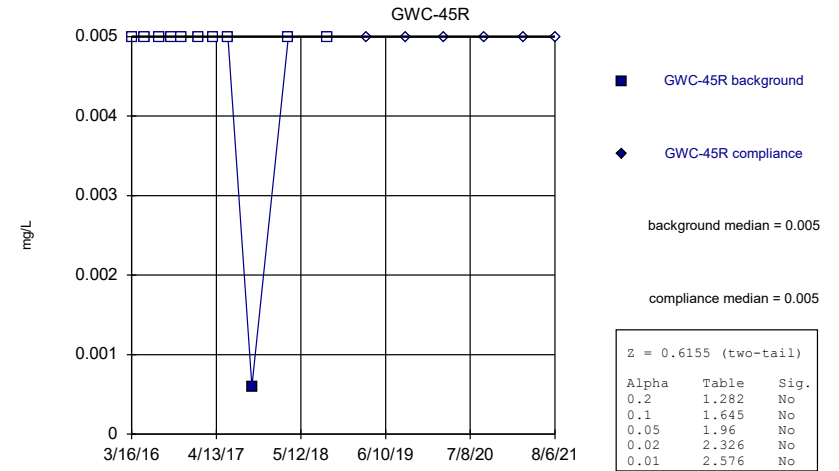
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



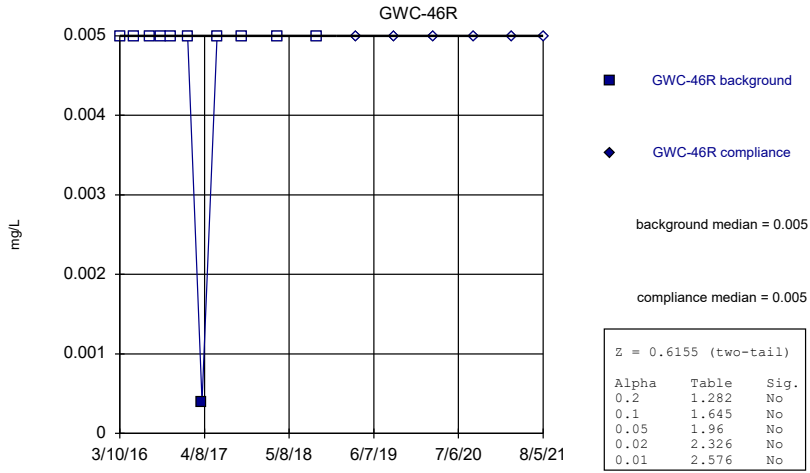
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



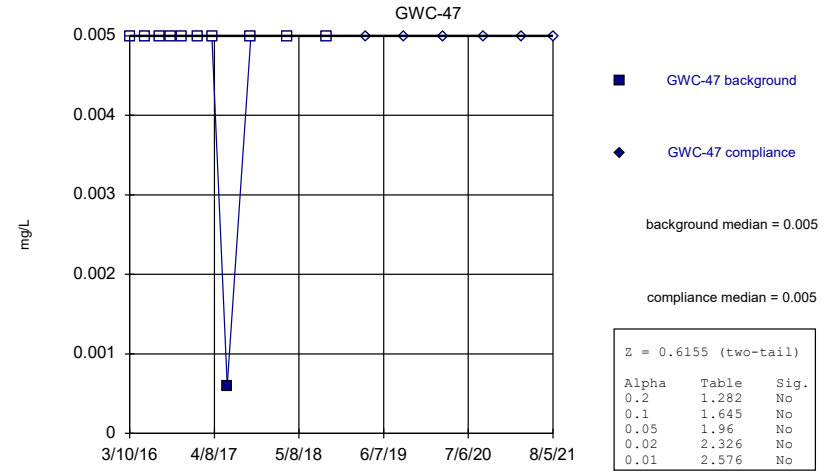
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



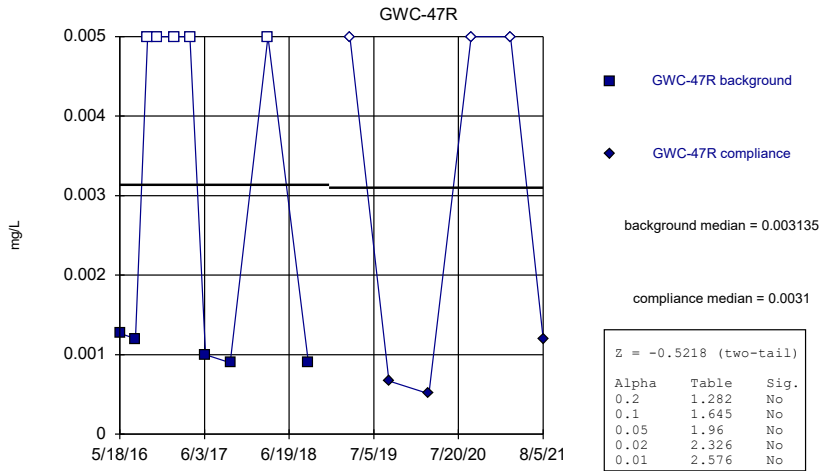
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



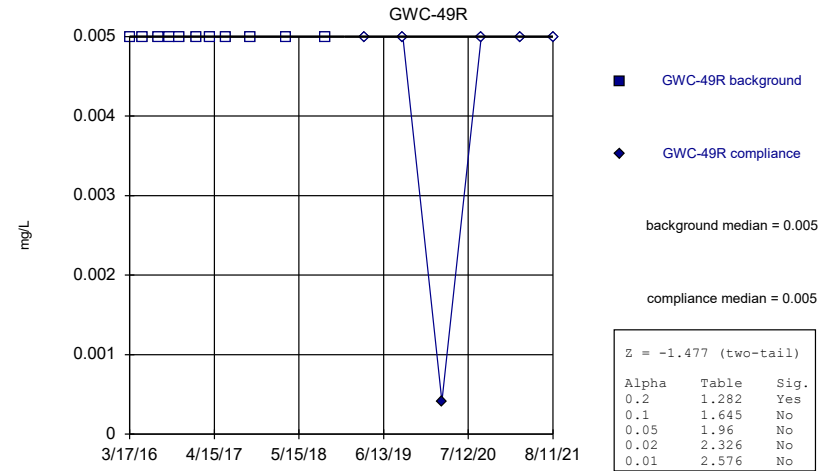
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



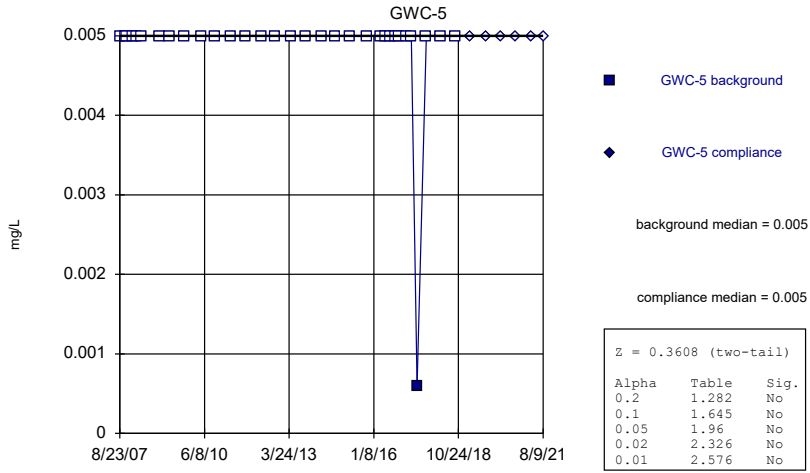
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



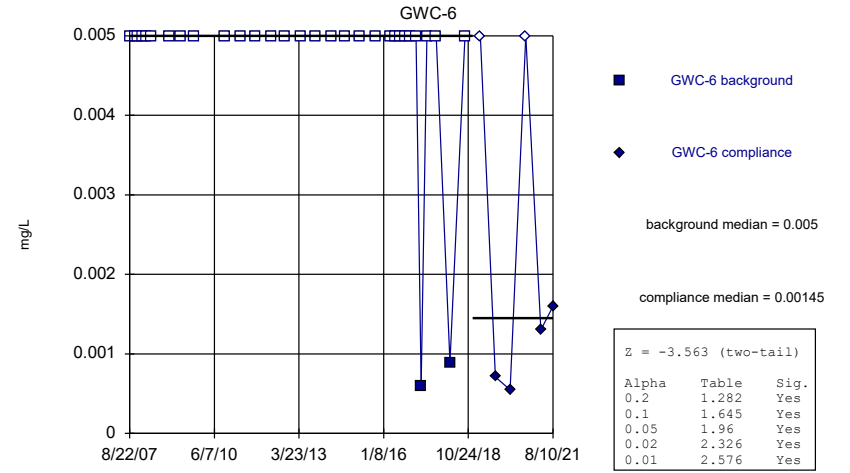
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



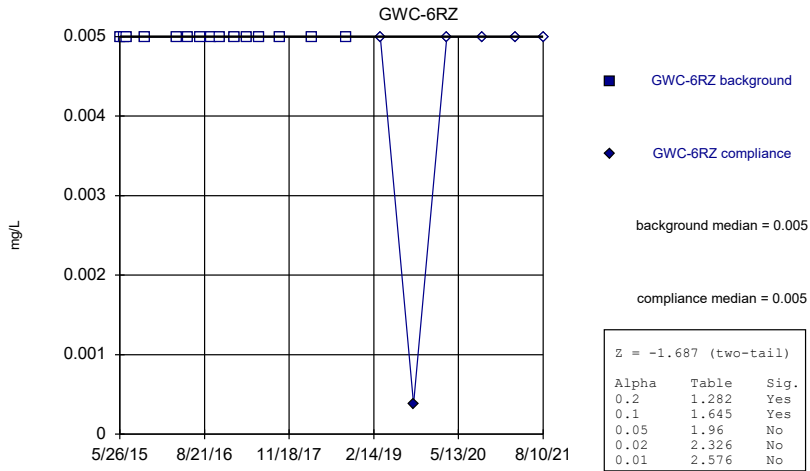
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



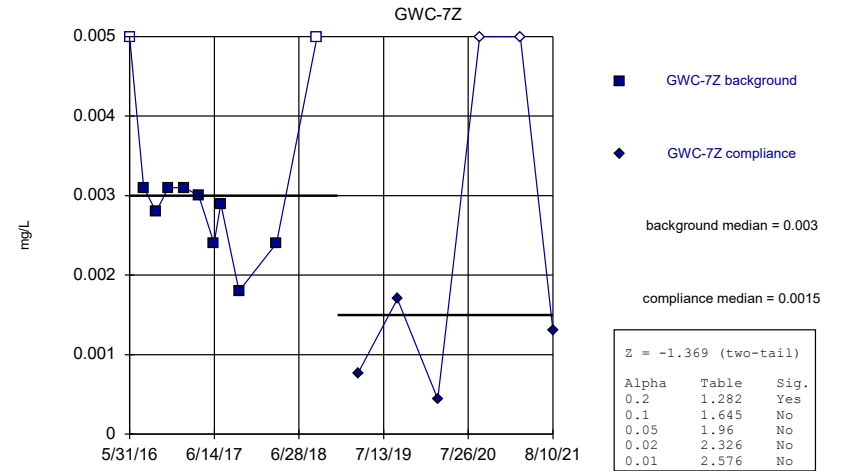
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



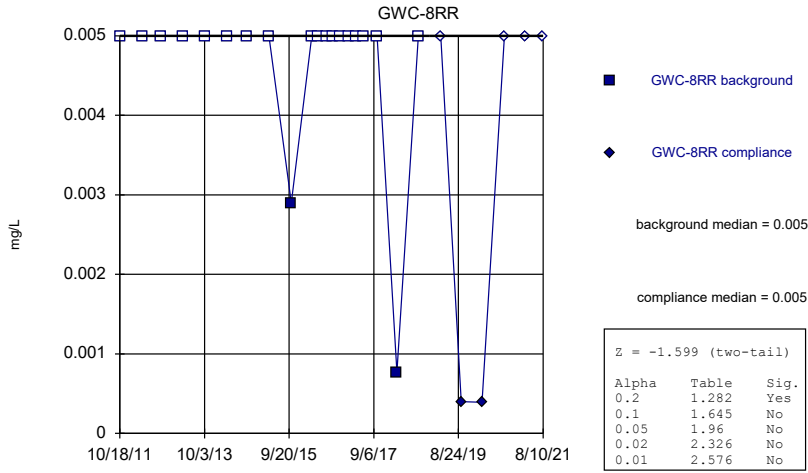
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



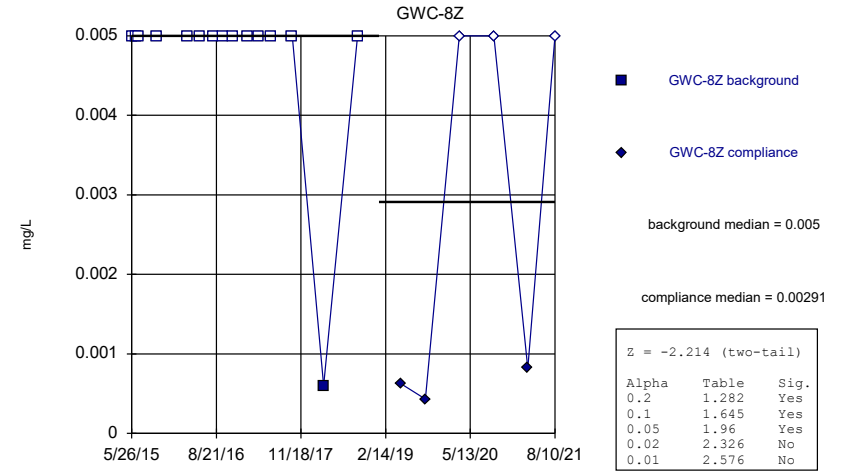
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



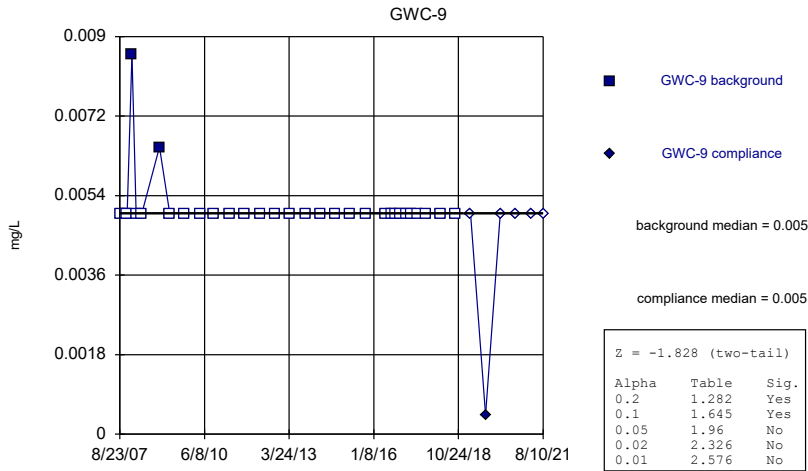
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



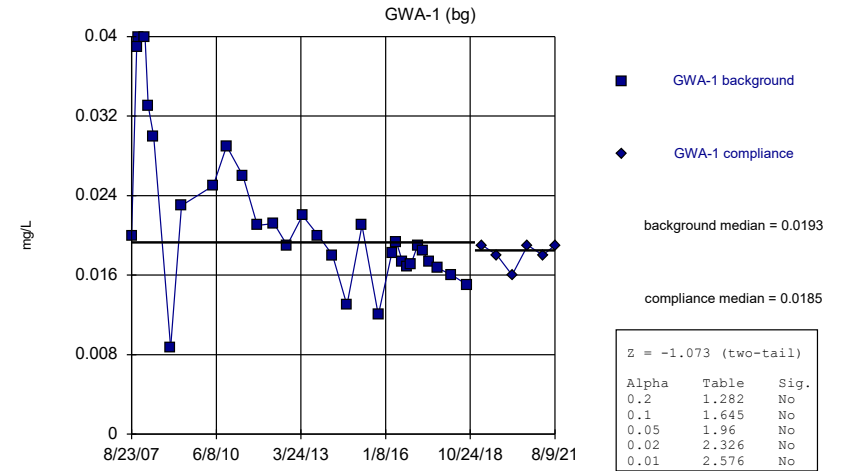
Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Arsenic Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

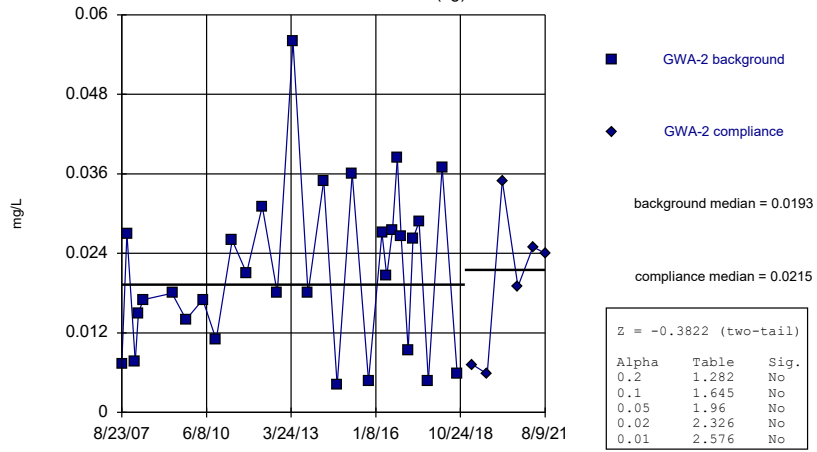
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

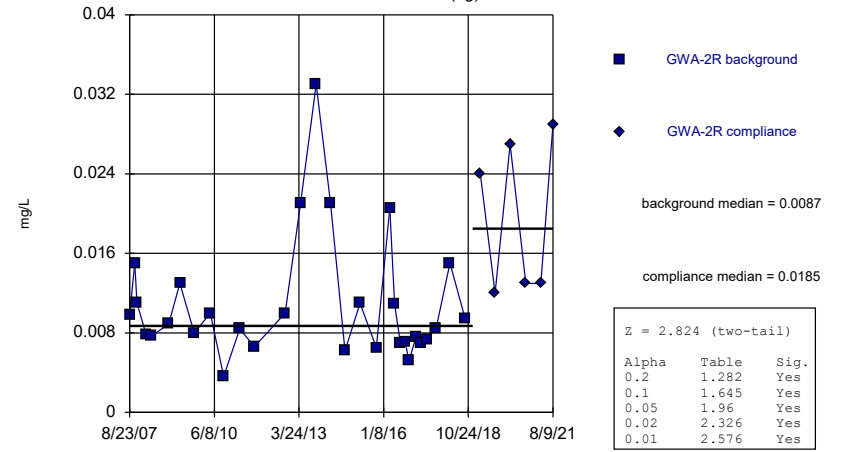
GWA-2 (bg)



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

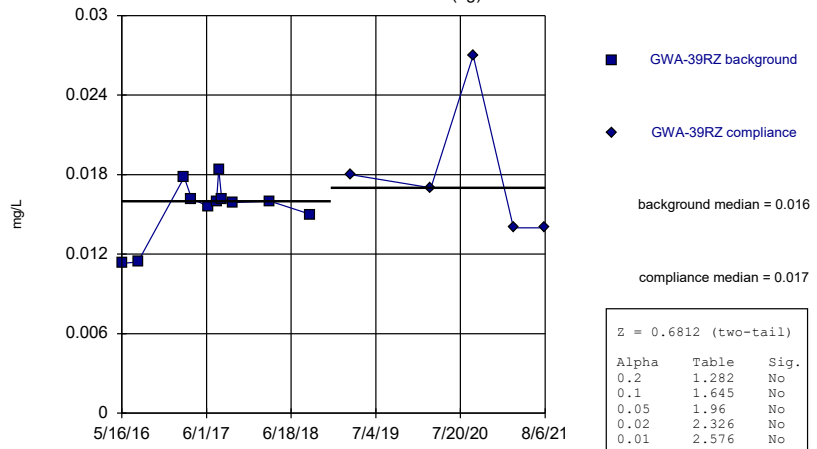
GWA-2R (bg)



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

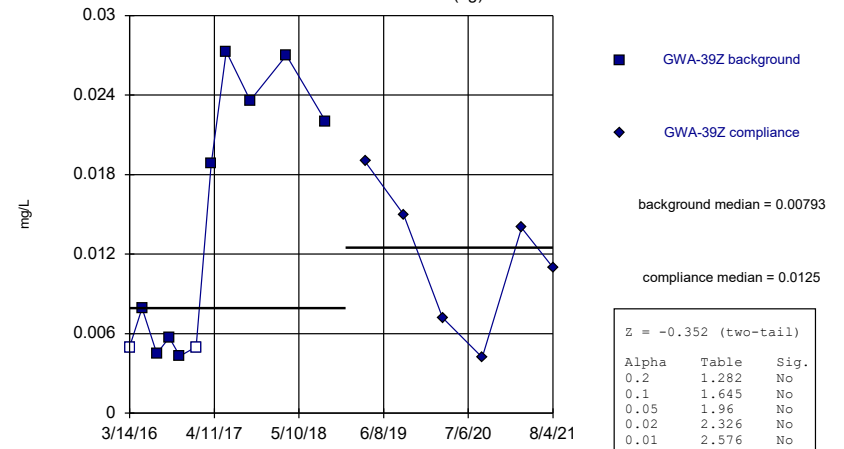
GWA-39RZ (bg)



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

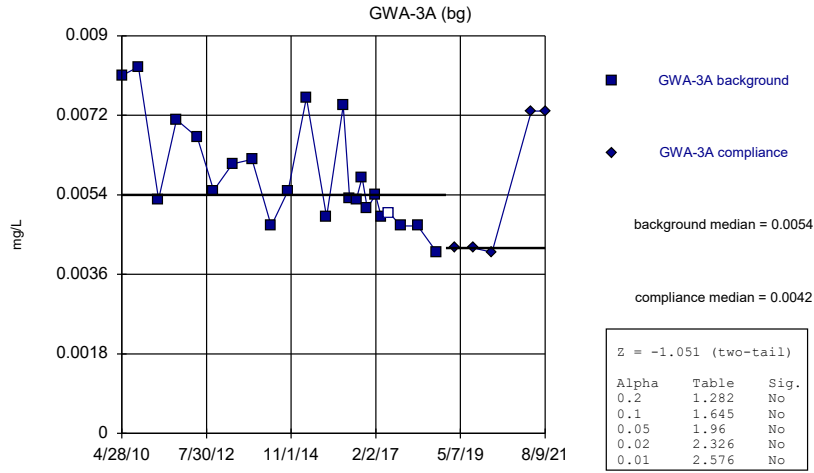
Mann-Whitney (Wilcoxon Rank Sum)

GWA-39Z (bg)



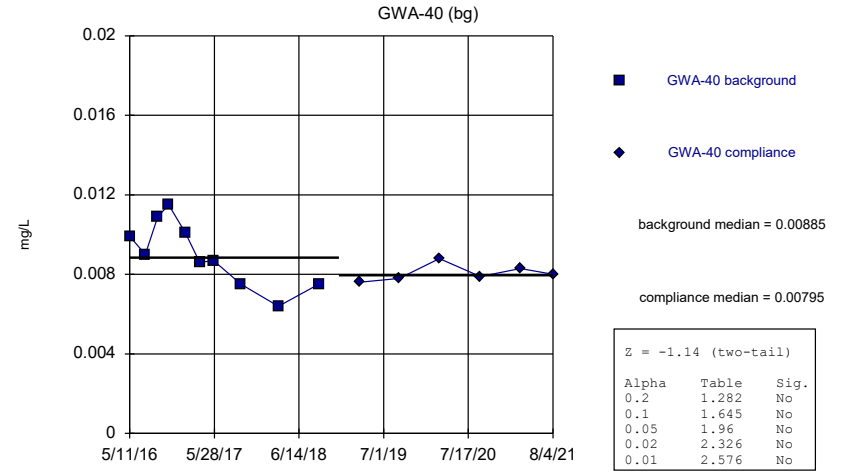
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



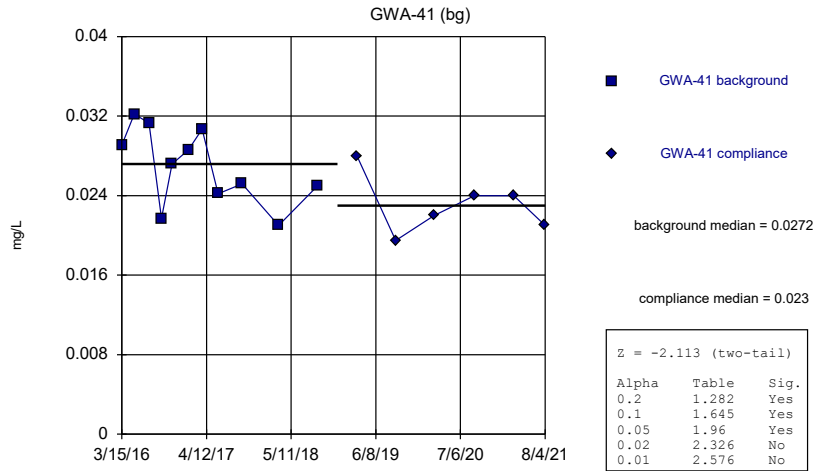
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



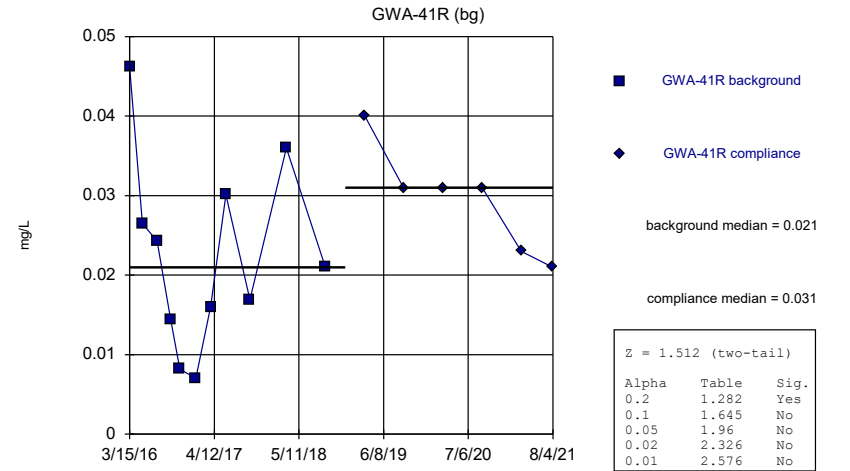
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

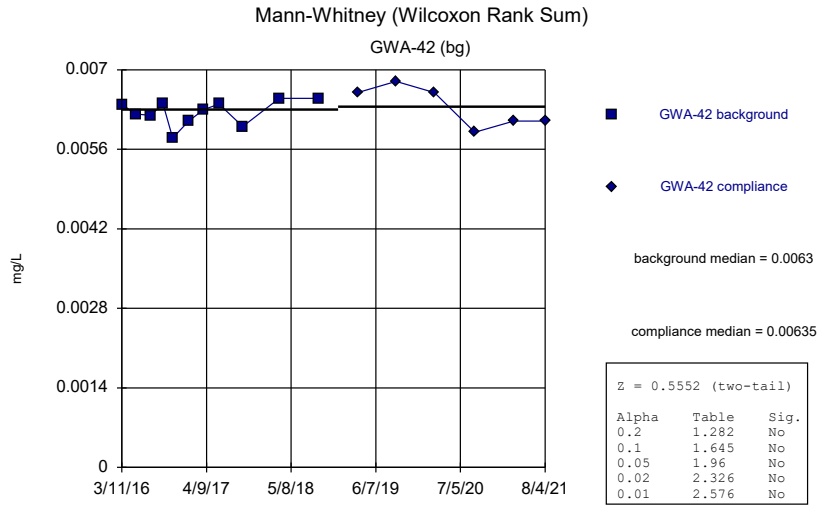


Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

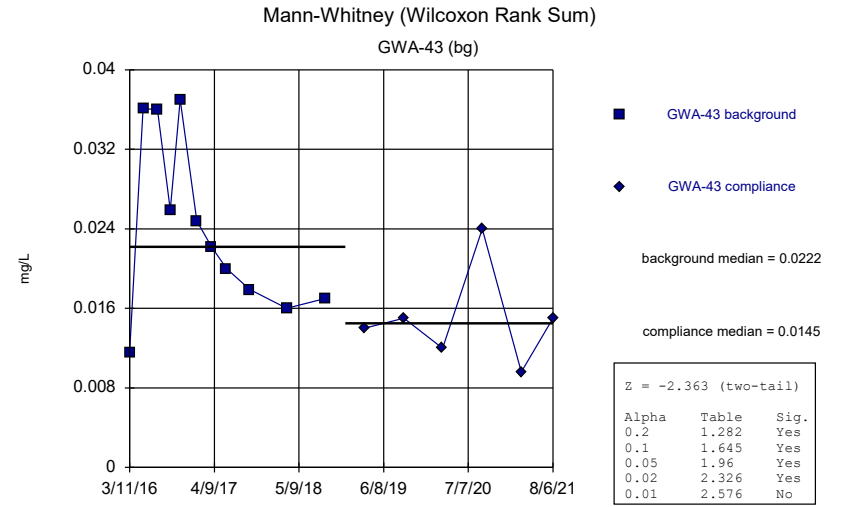
Mann-Whitney (Wilcoxon Rank Sum)



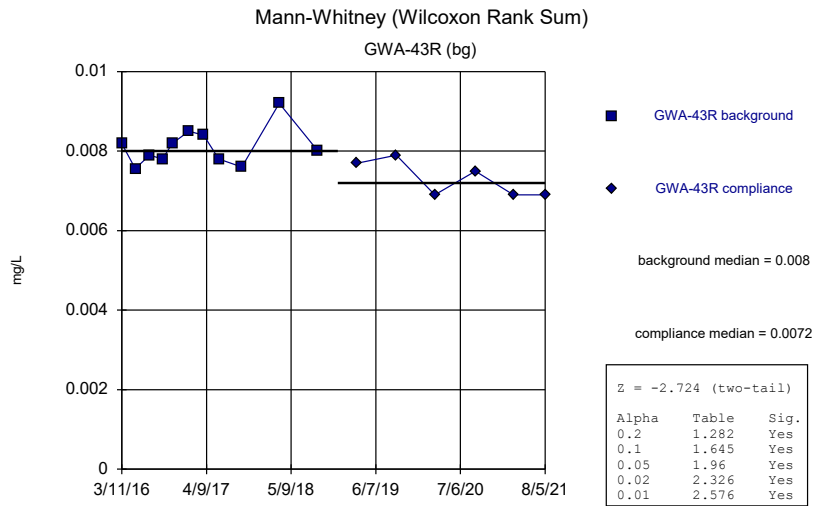
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



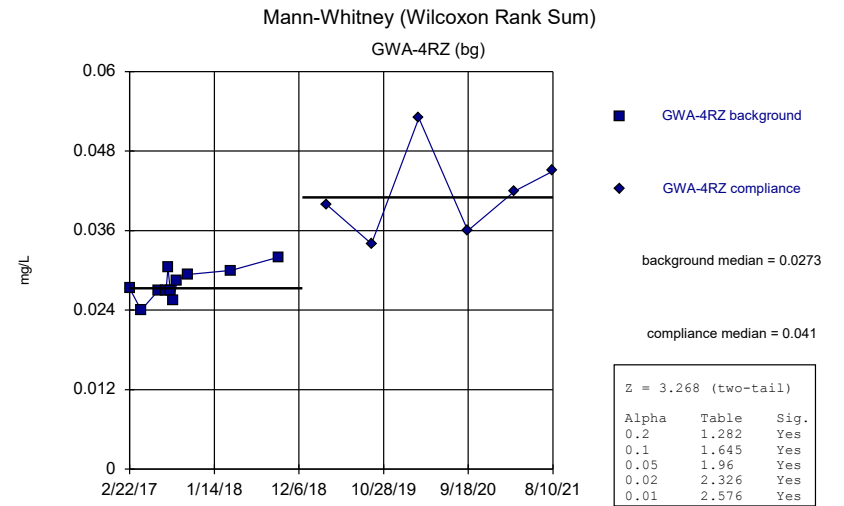
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



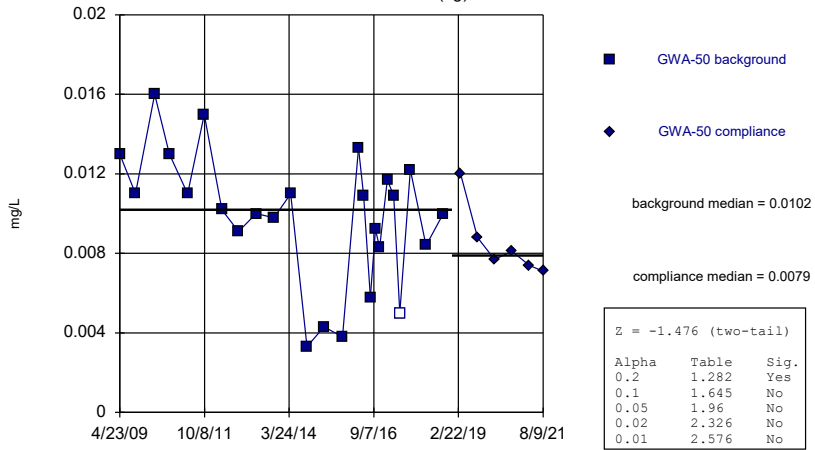
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

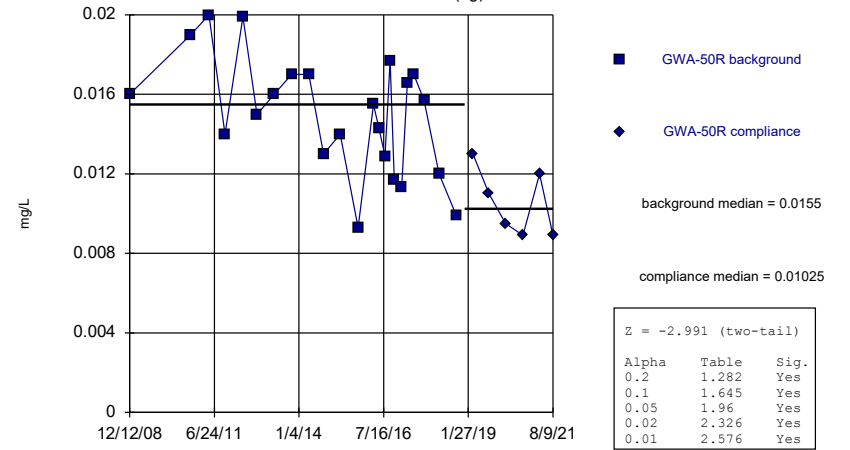
GWA-50 (bg)



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

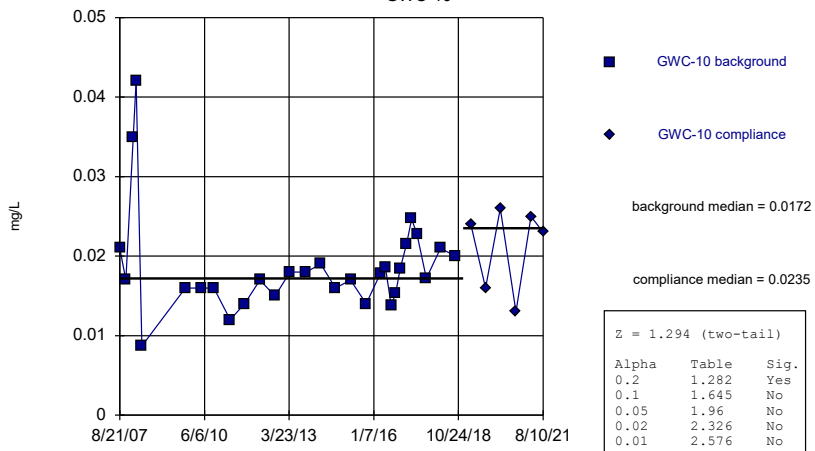
GWA-50R (bg)



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

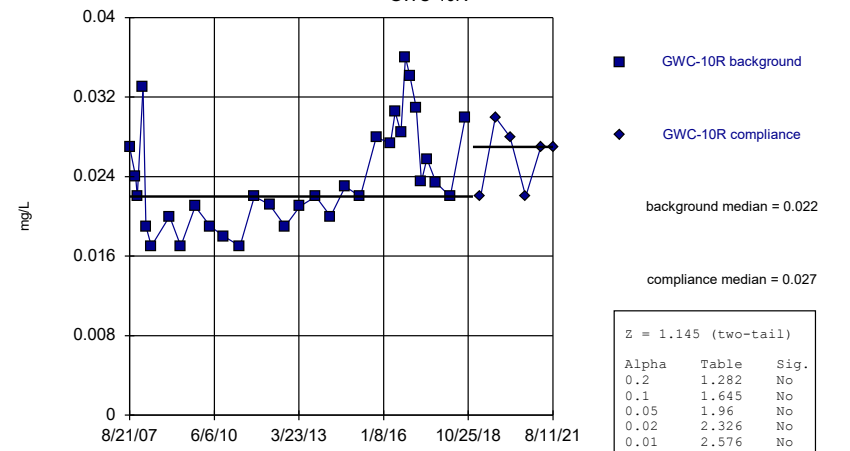
GWC-10



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

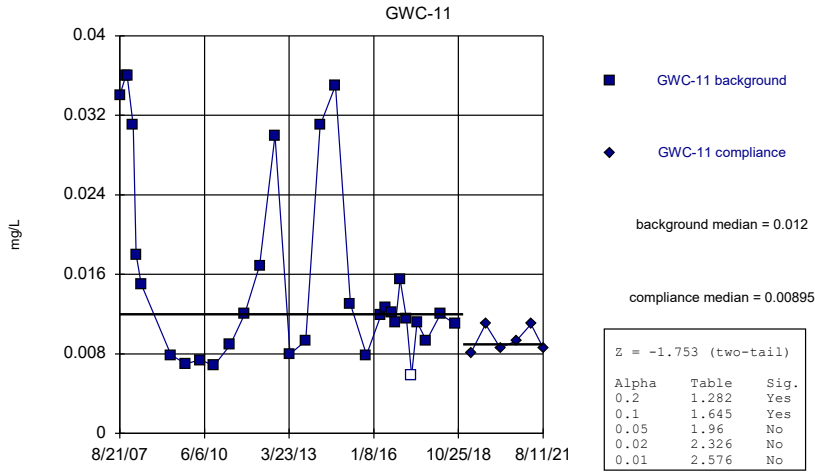
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10R



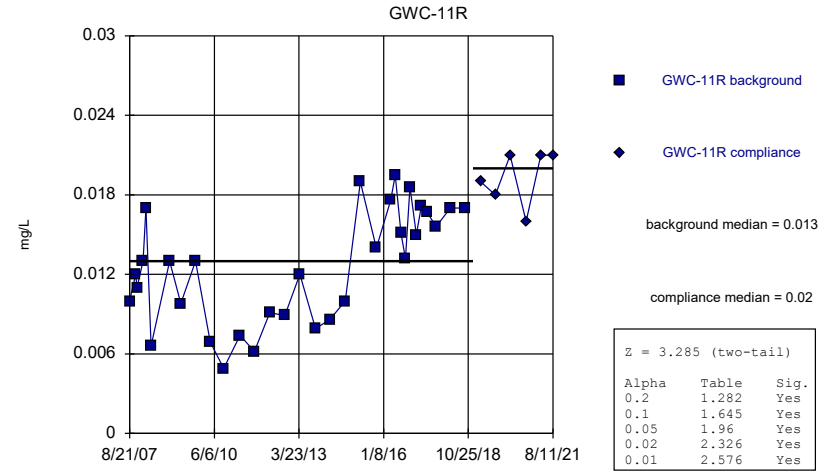
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



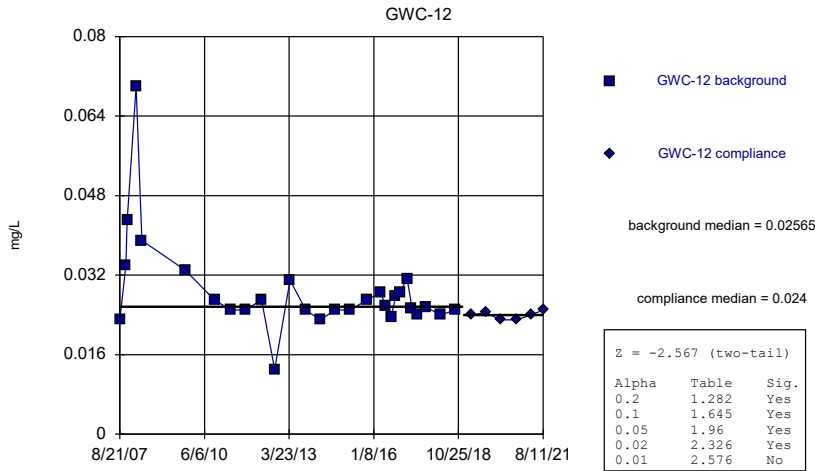
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



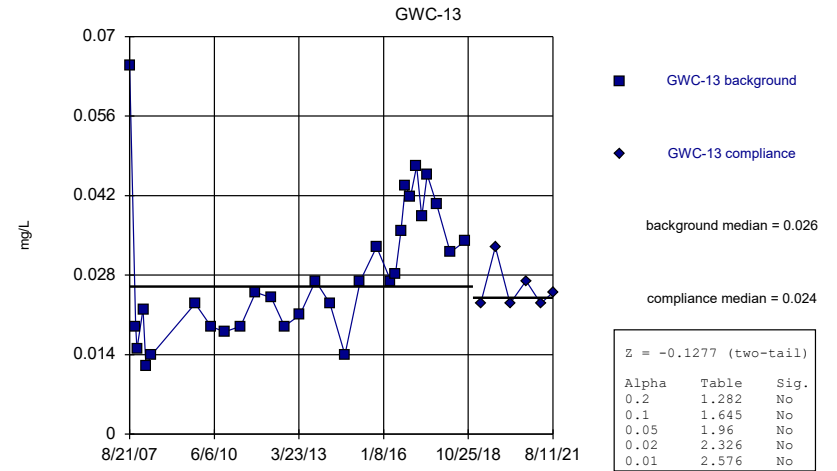
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



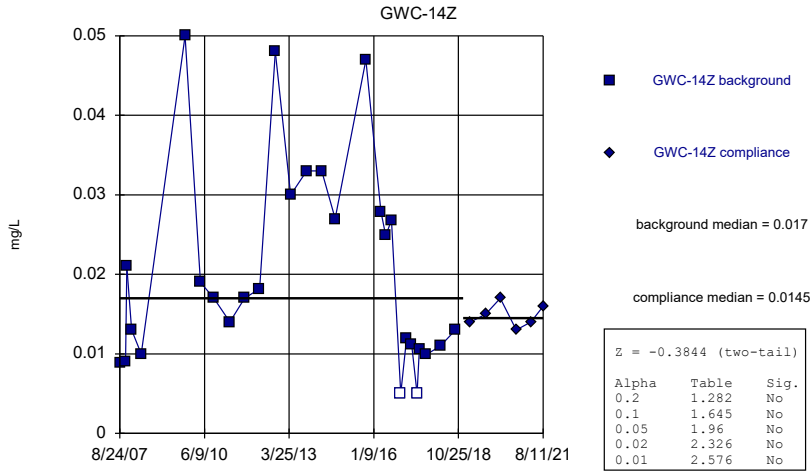
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



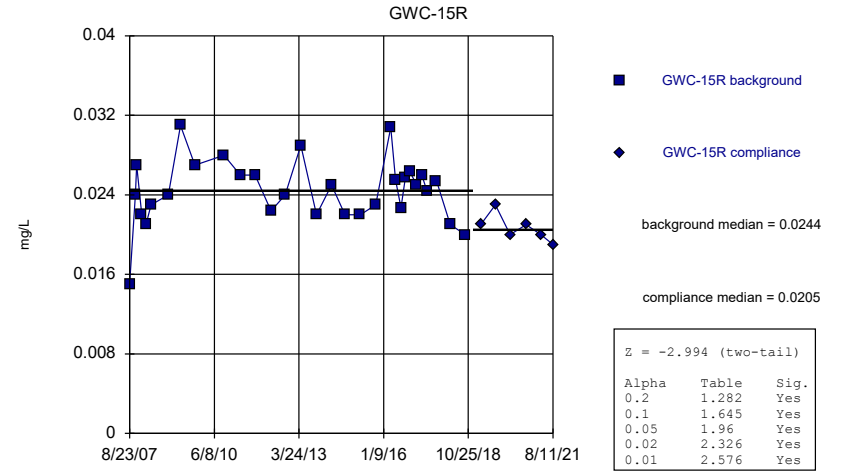
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



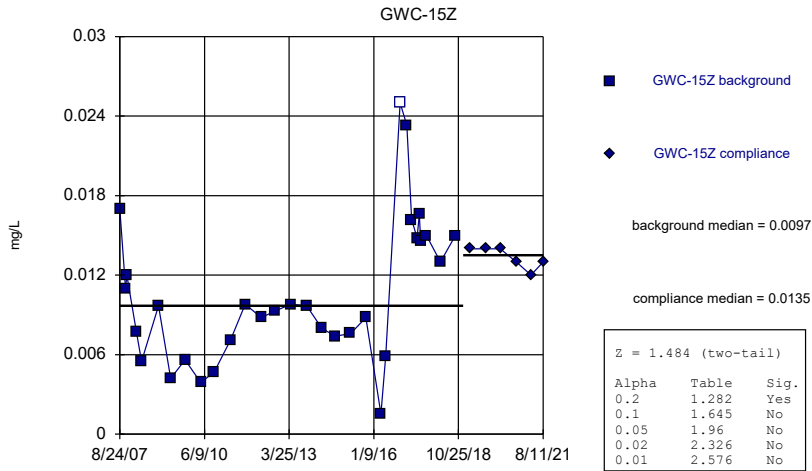
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



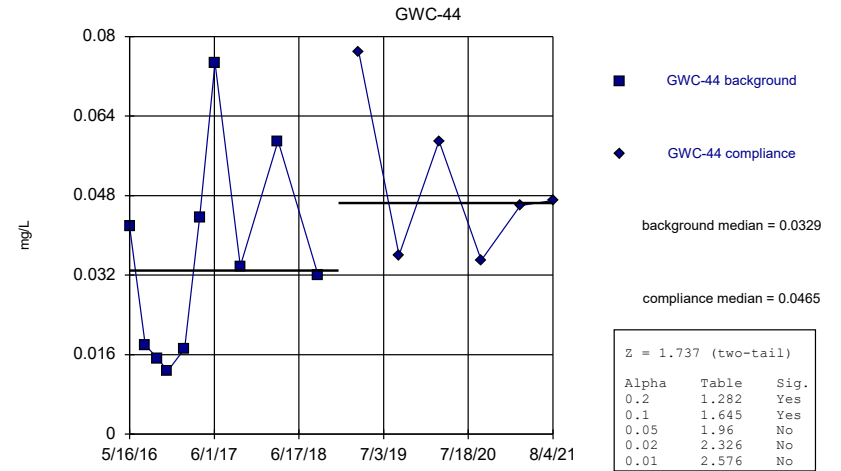
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



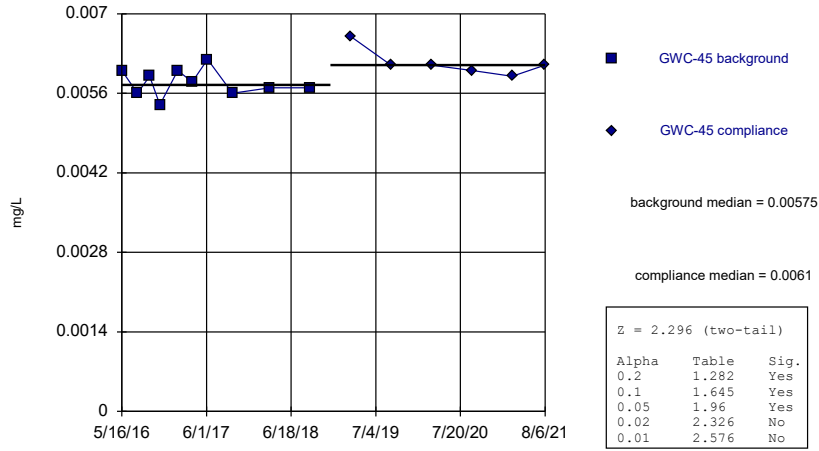
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



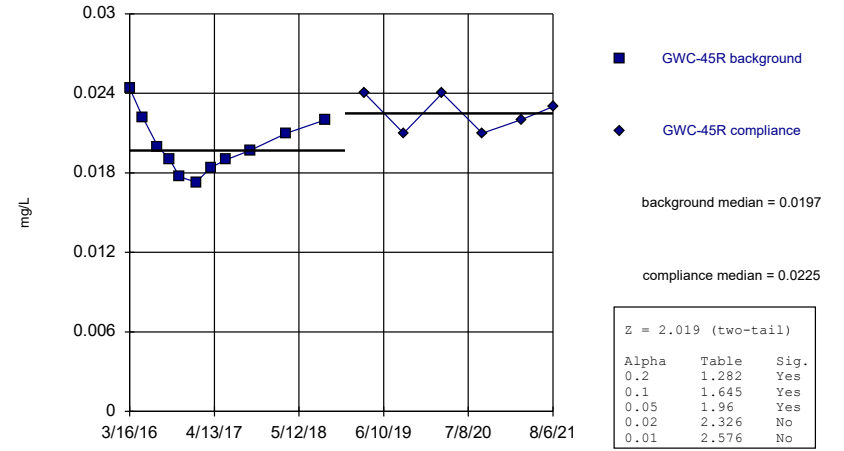
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-45



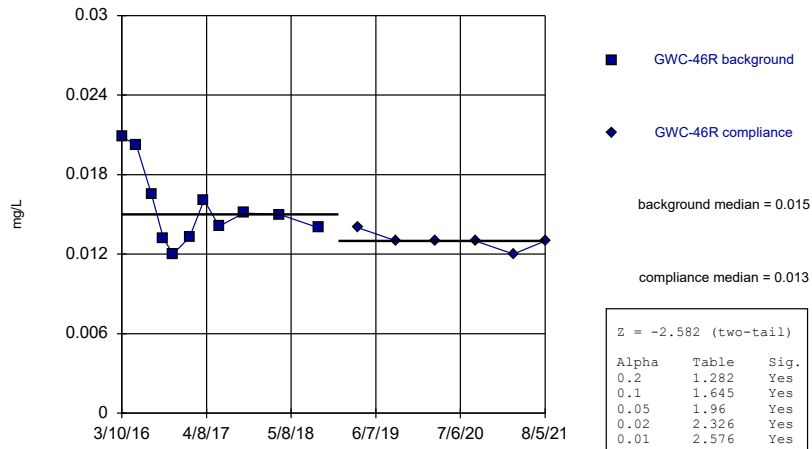
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-45R



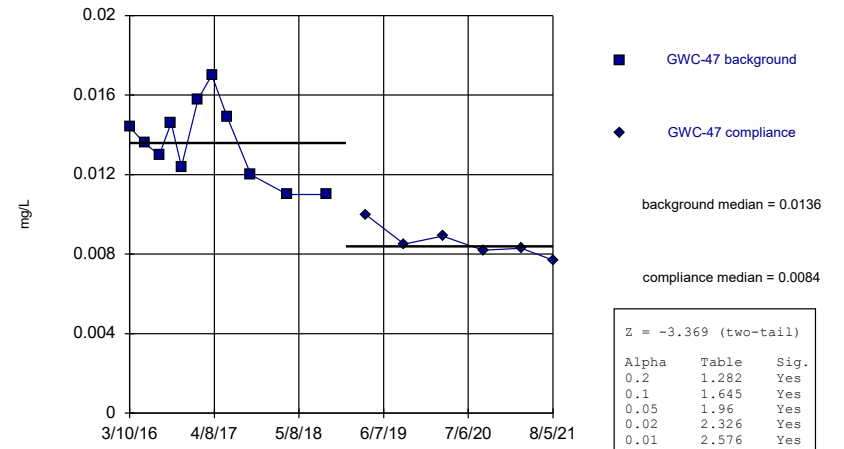
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-46R



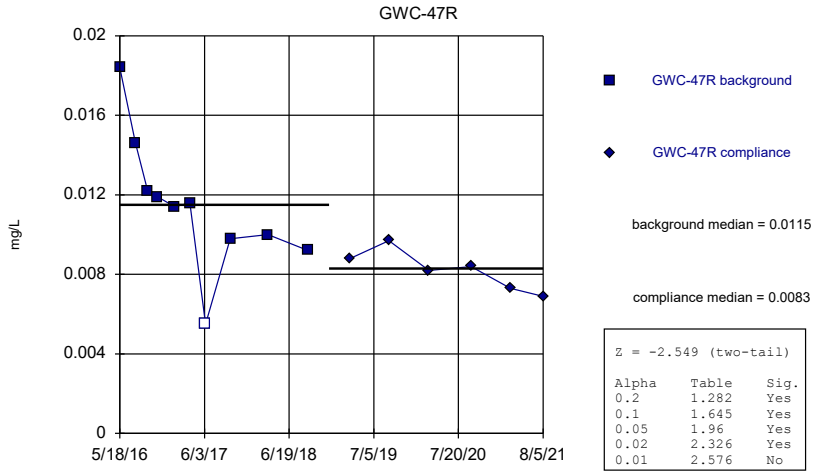
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-47



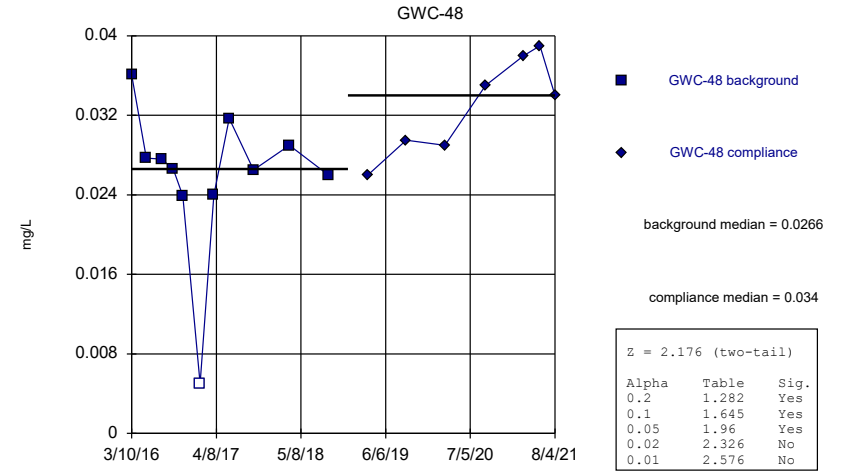
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



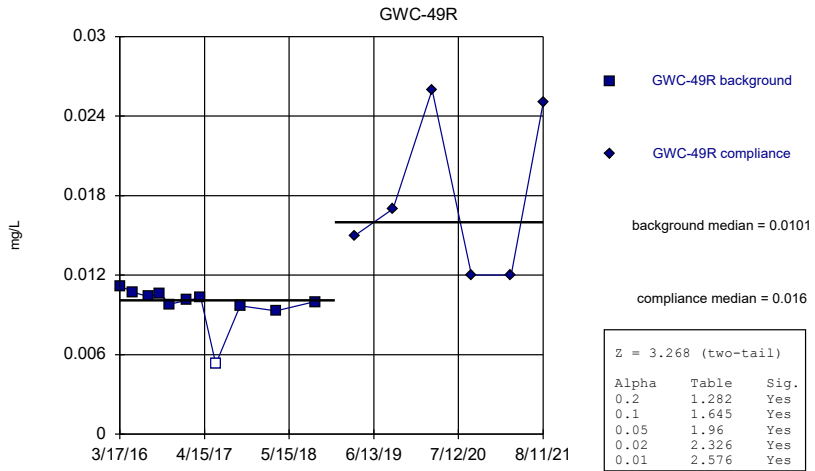
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



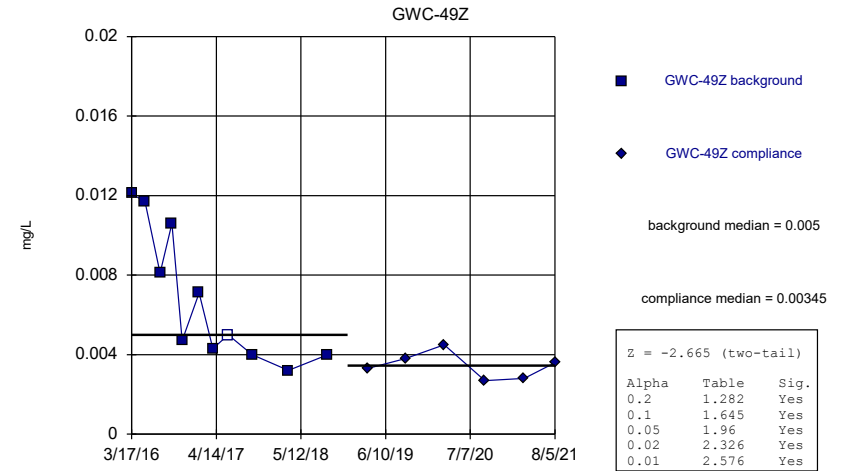
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



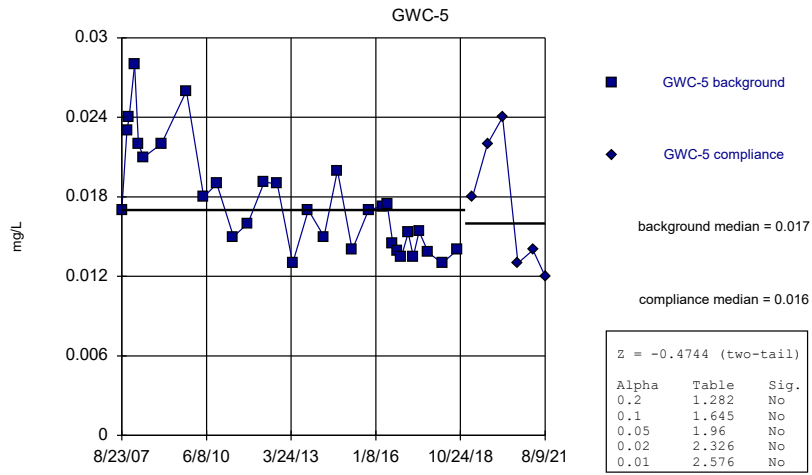
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



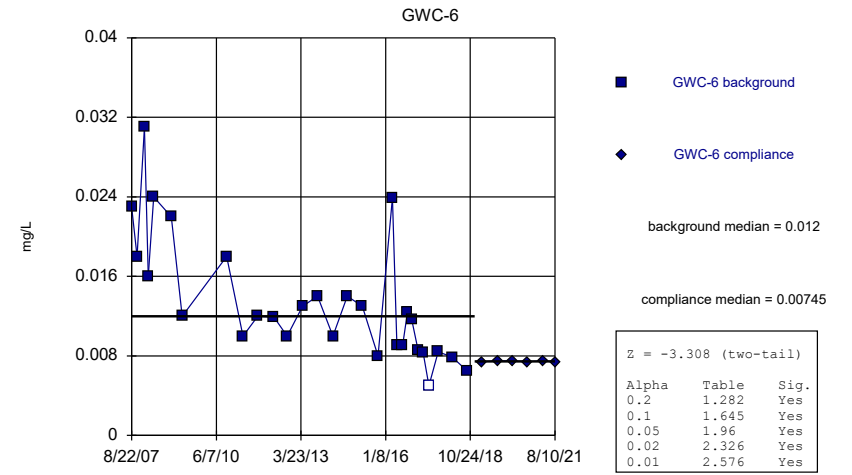
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



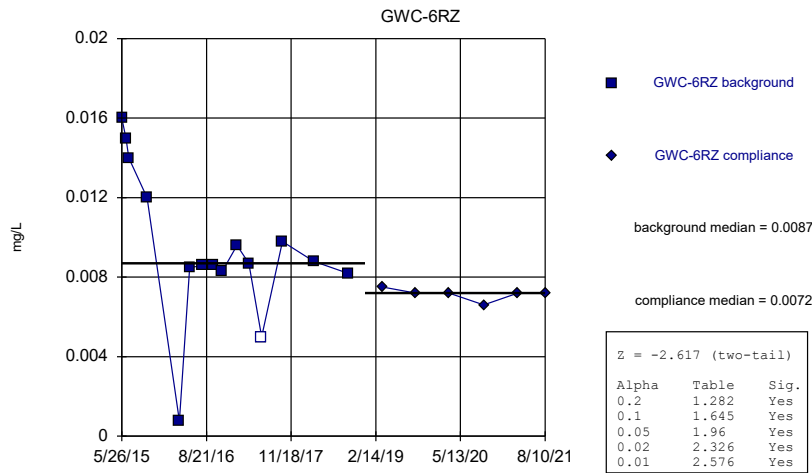
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



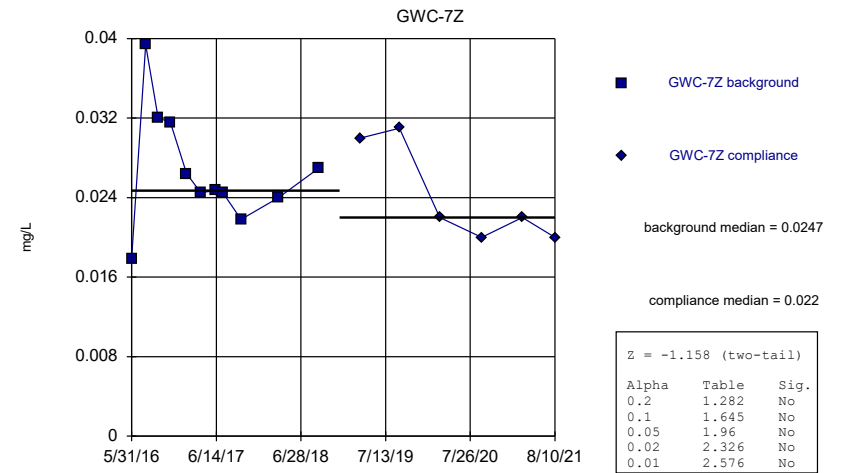
Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

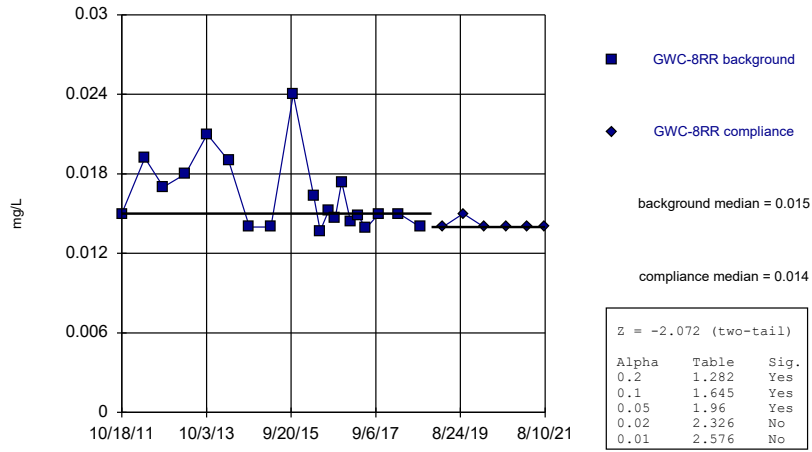
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

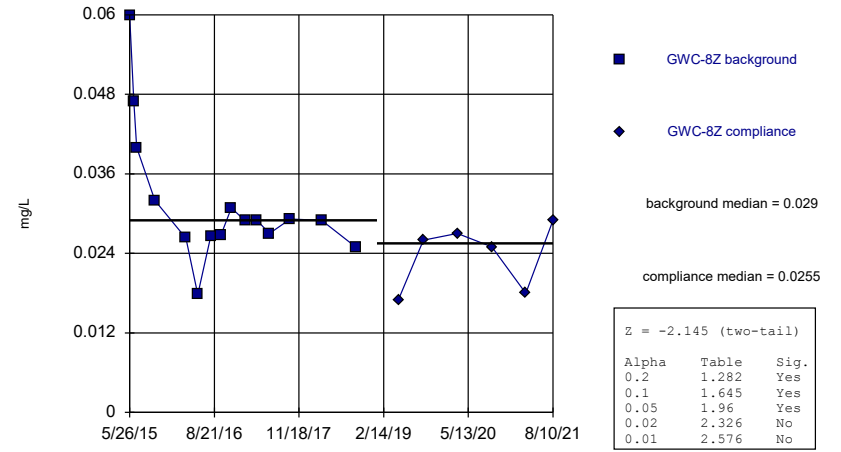
GWC-8RR



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

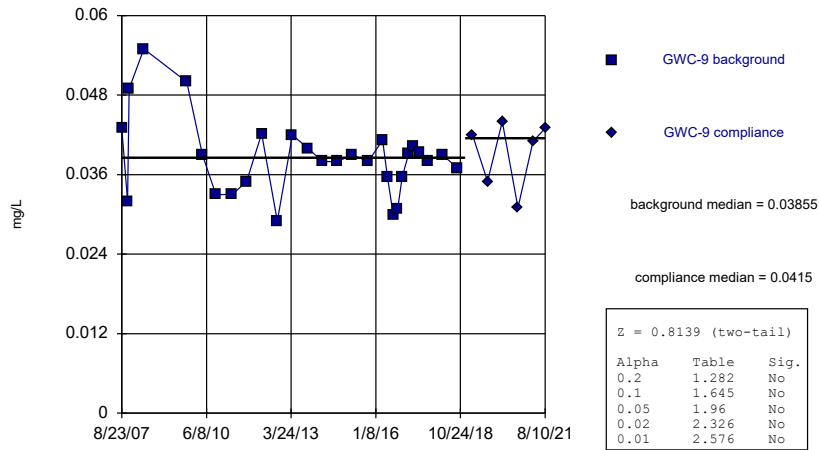
GWC-8Z



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

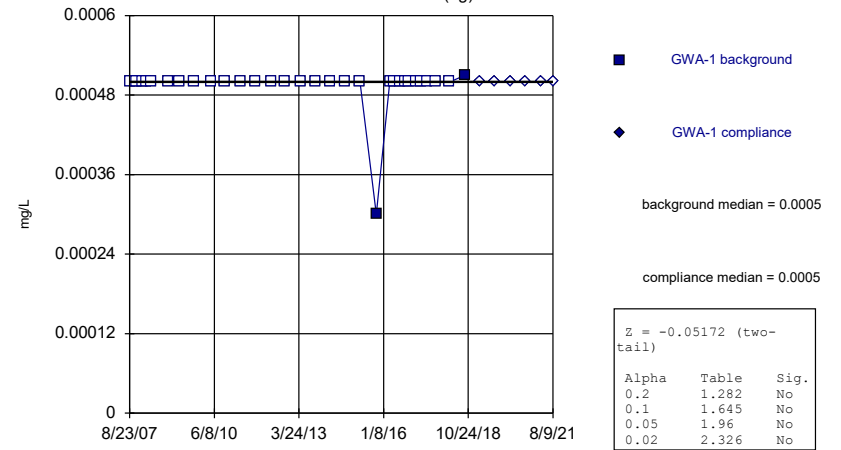
GWC-9



Constituent: Barium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

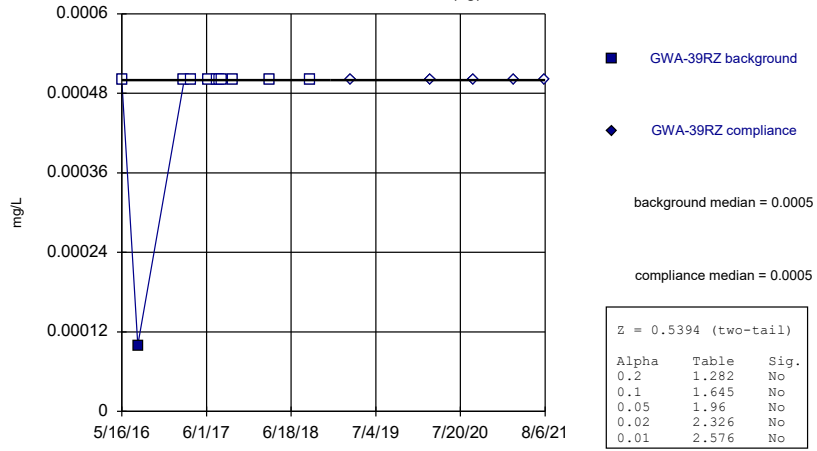
GWA-1 (bg)



Constituent: Cadmium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

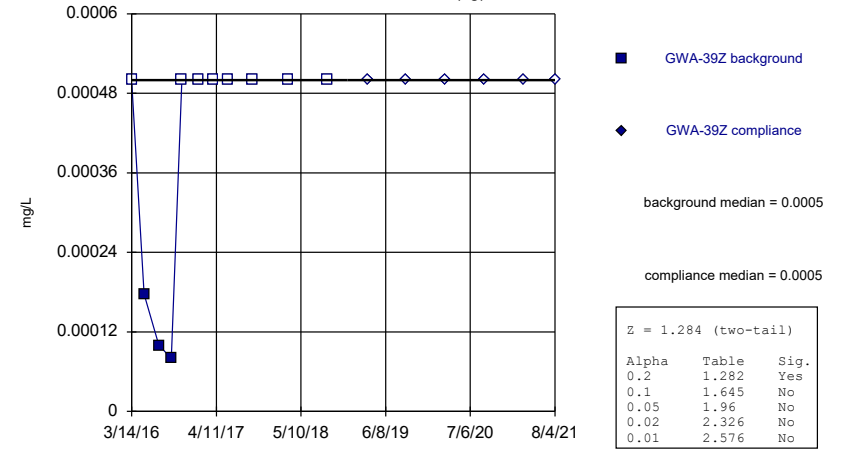
GWA-39RZ (bg)



Constituent: Cadmium Analysis Run 4/1/2022 5:29 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

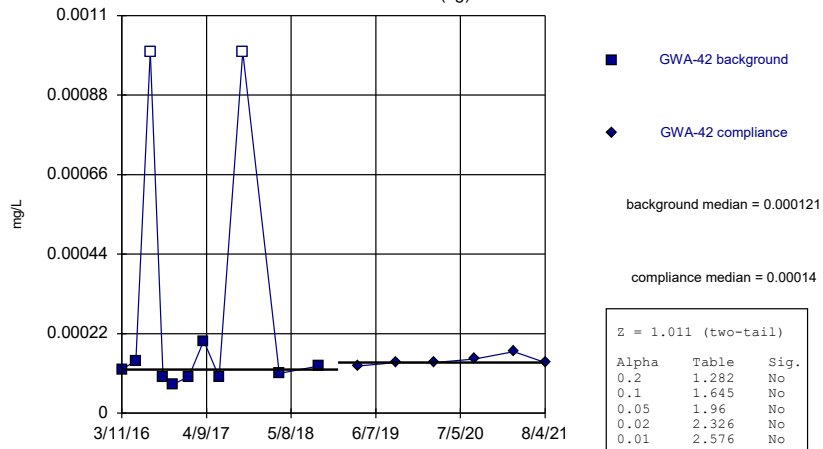
GWA-39Z (bg)



Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

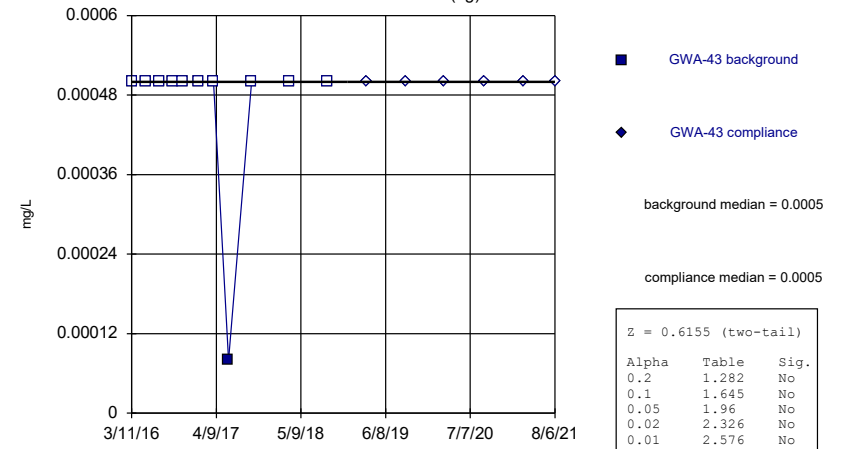
GWA-42 (bg)



Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

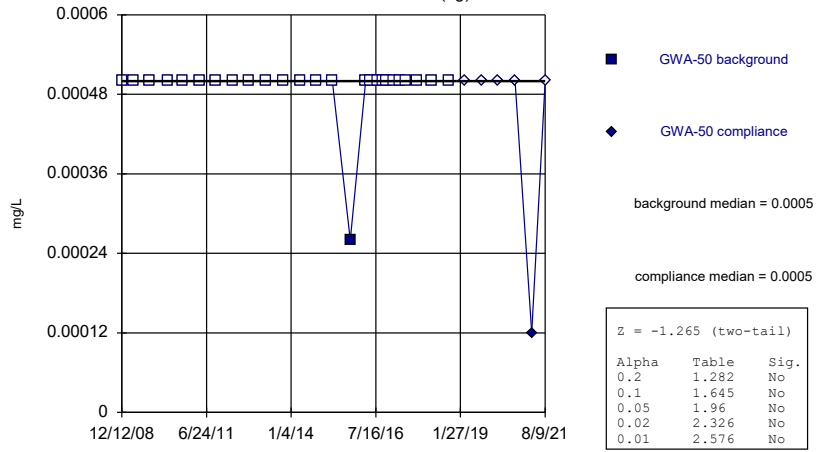
GWA-43 (bg)



Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

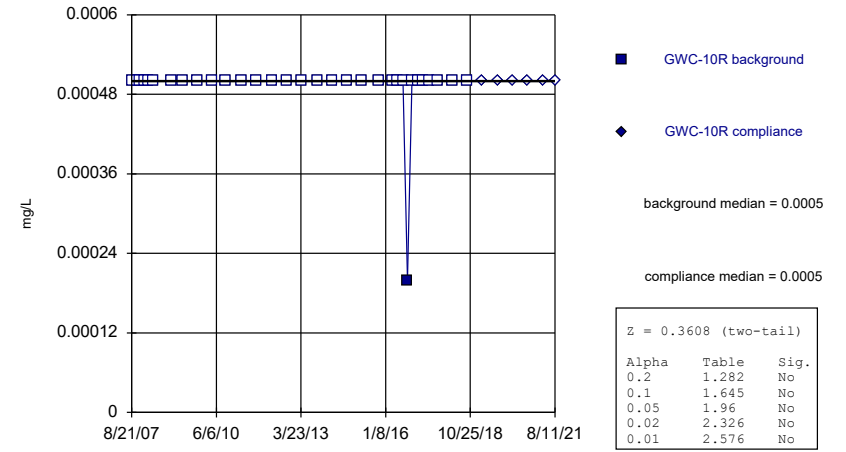
GWA-50 (bg)



Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

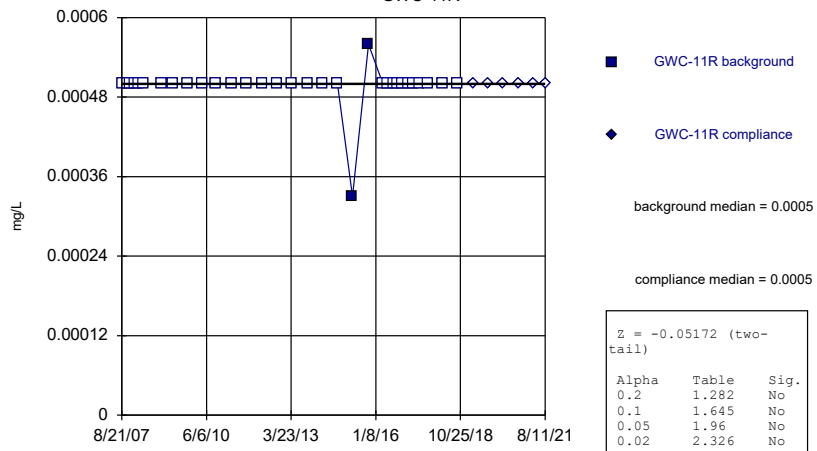
GWC-10R



Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

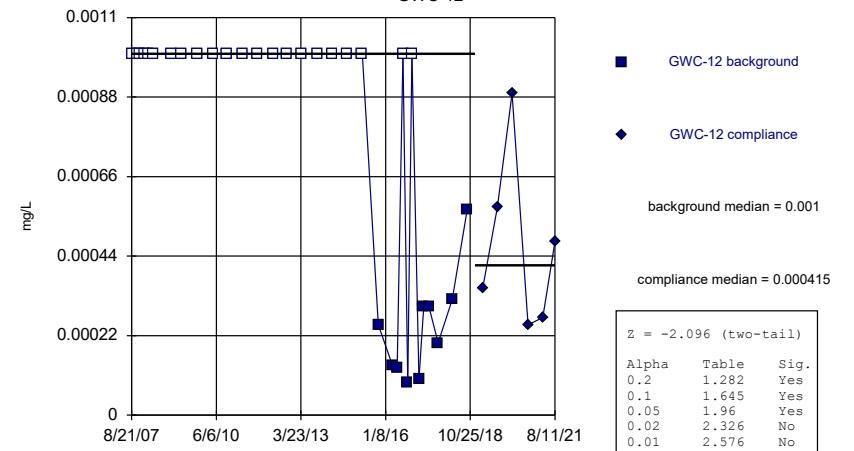
GWC-11R



Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

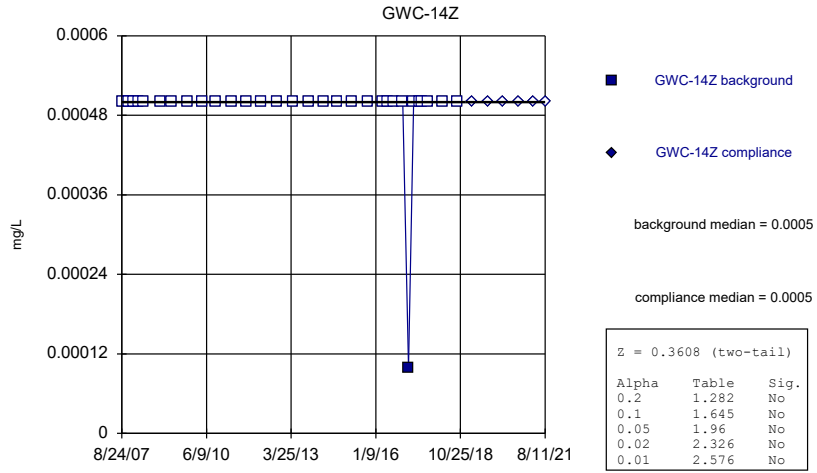
Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



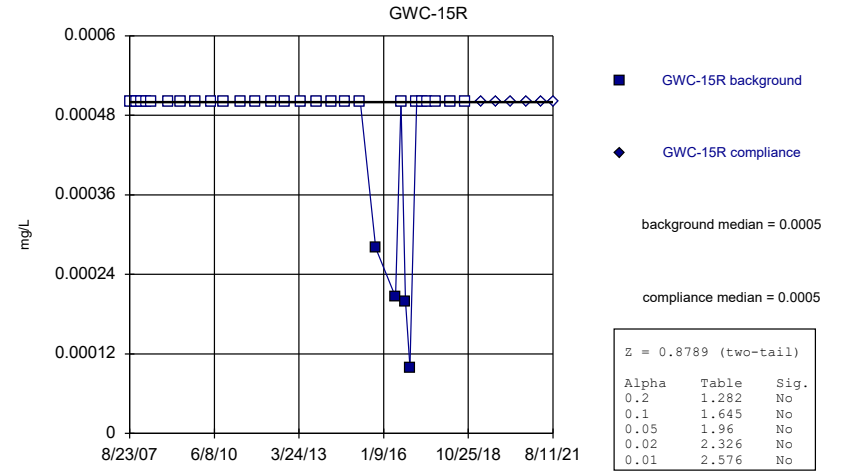
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



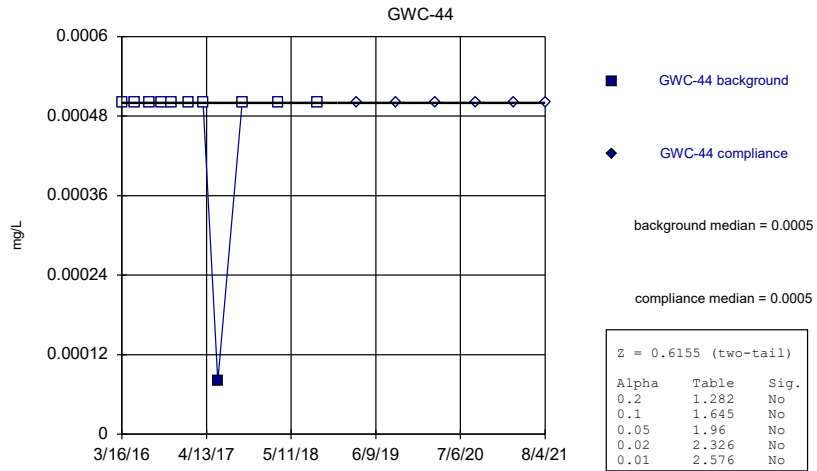
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



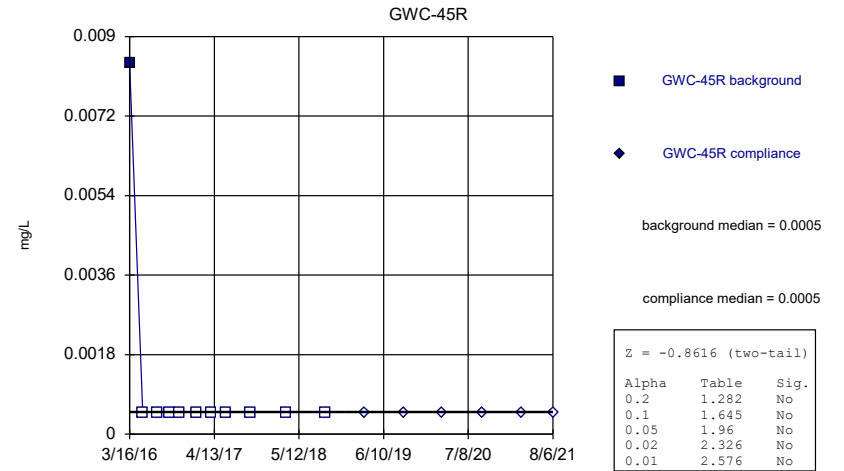
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



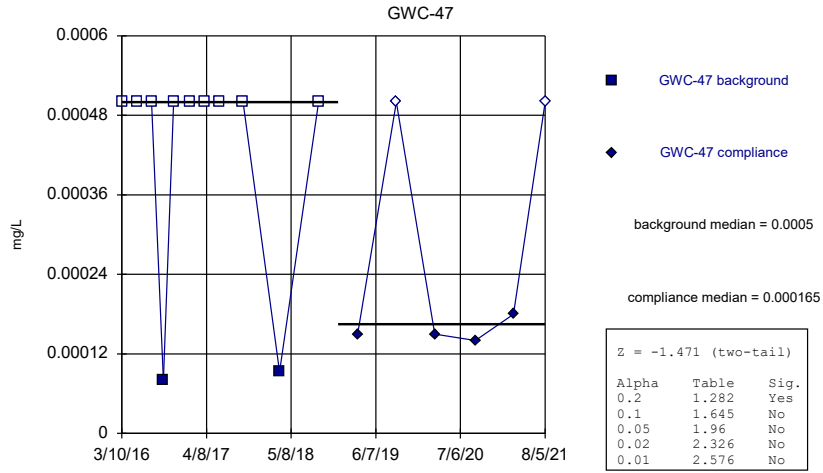
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



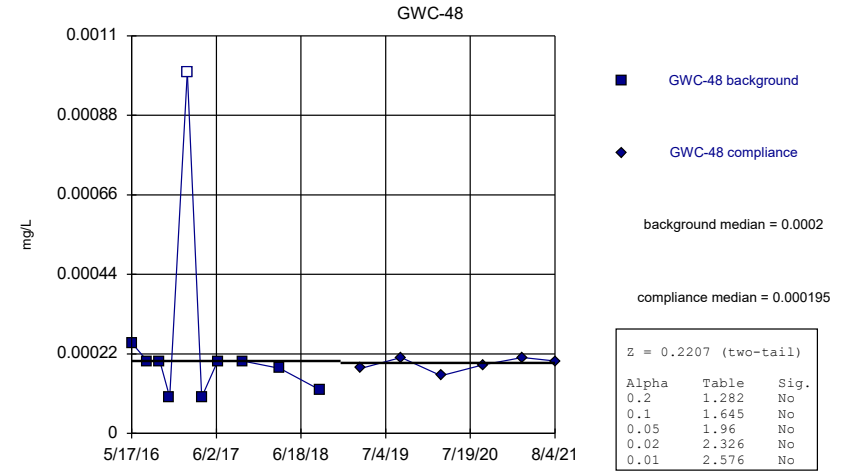
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



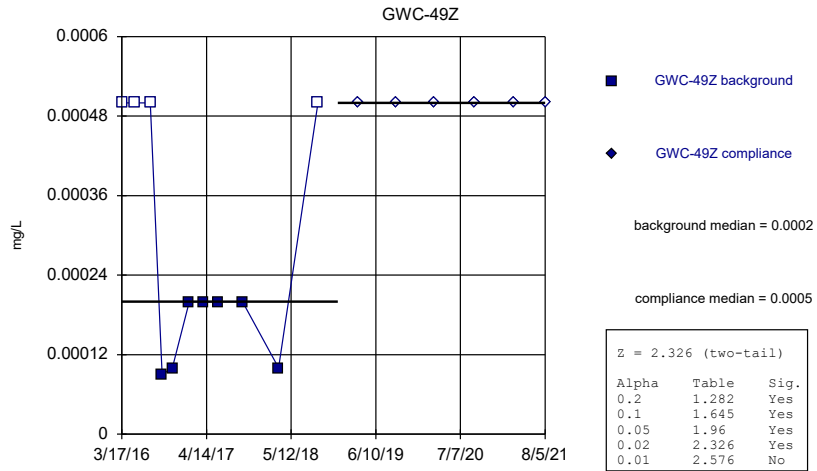
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



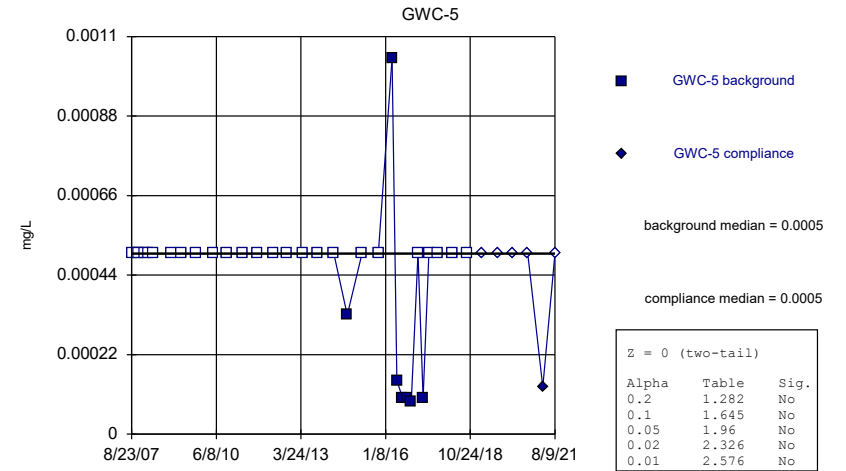
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



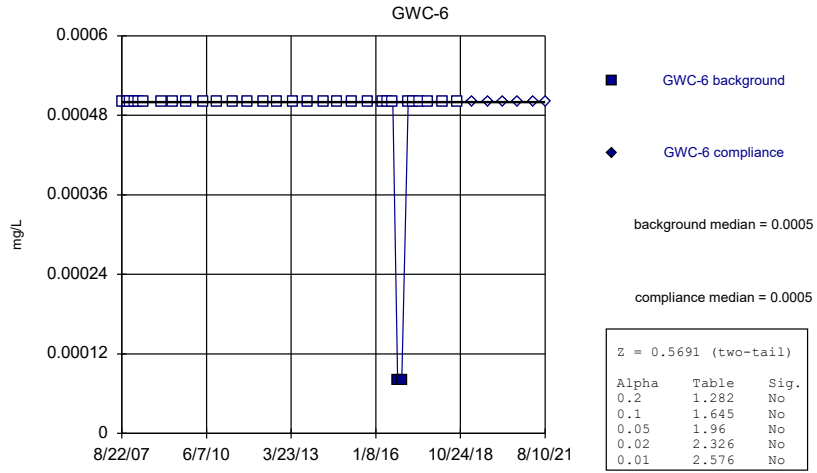
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



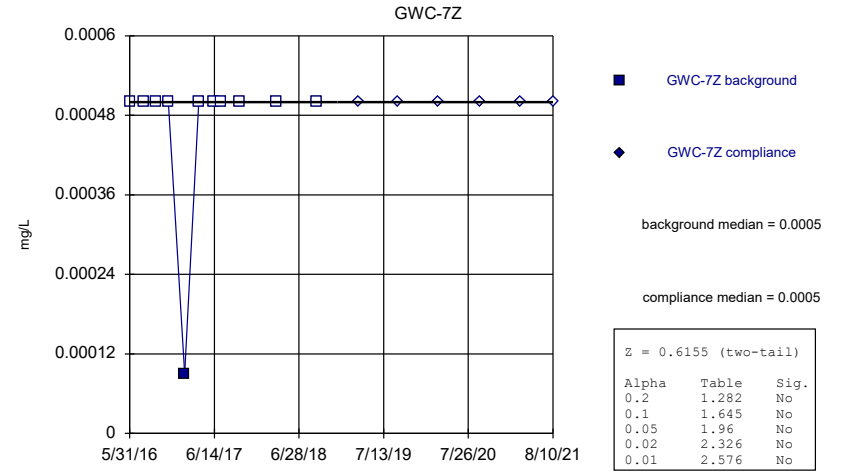
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



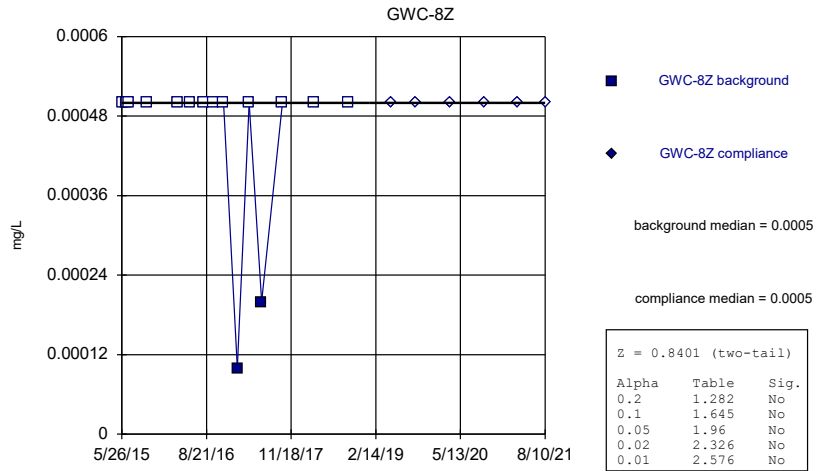
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



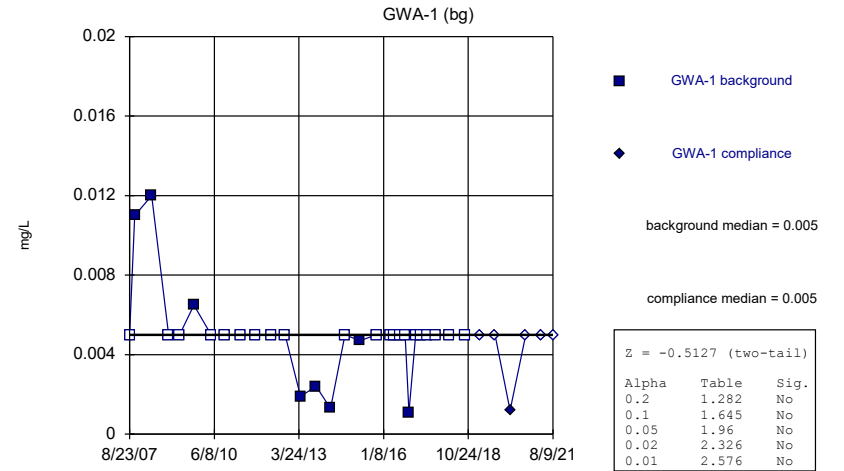
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



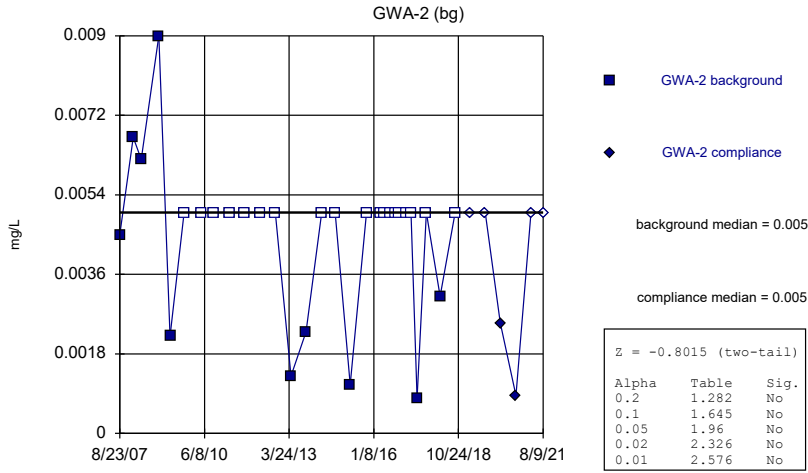
Constituent: Cadmium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



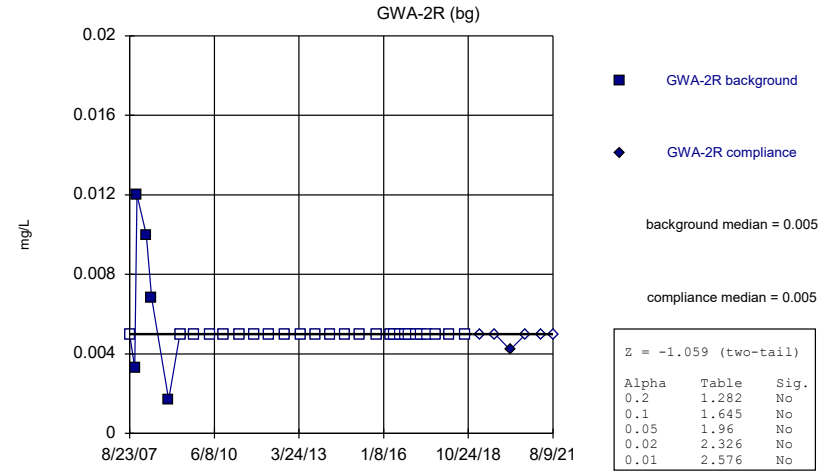
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



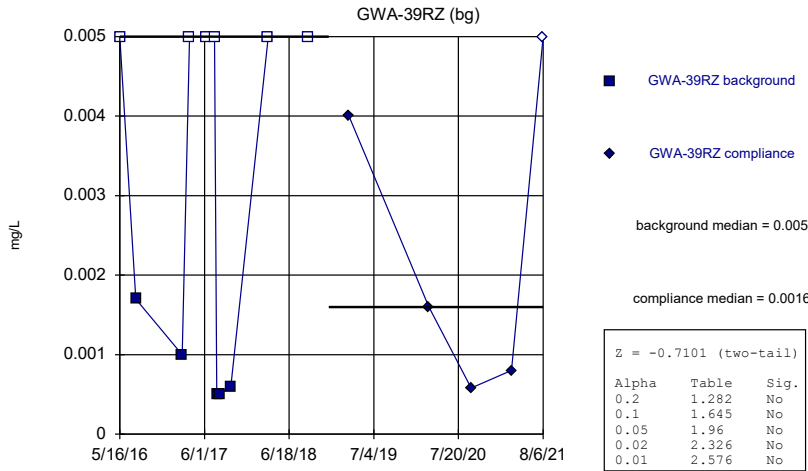
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



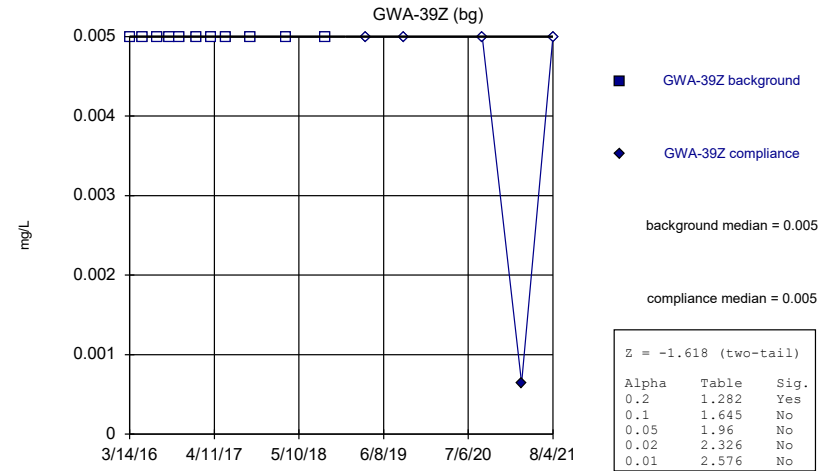
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



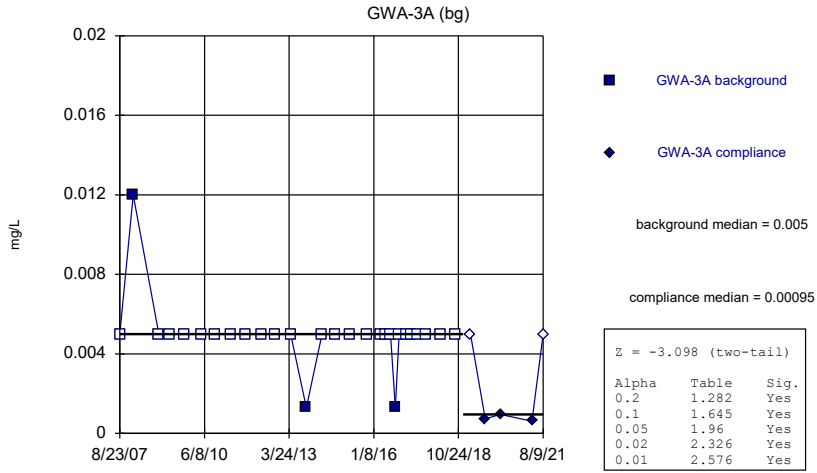
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



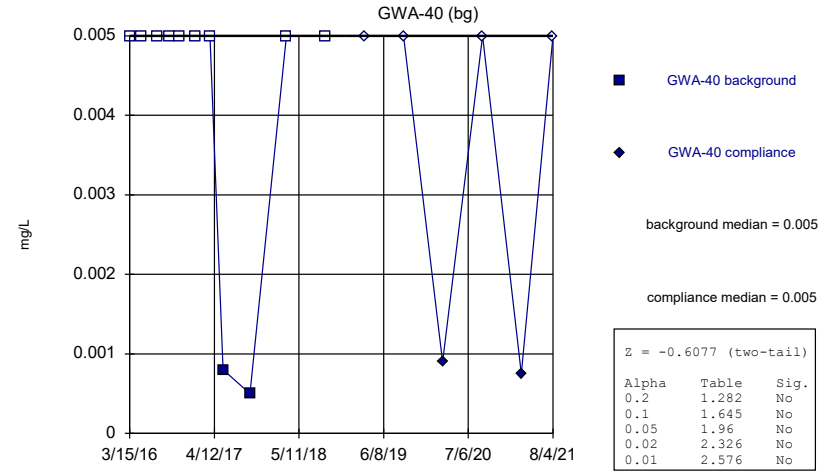
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



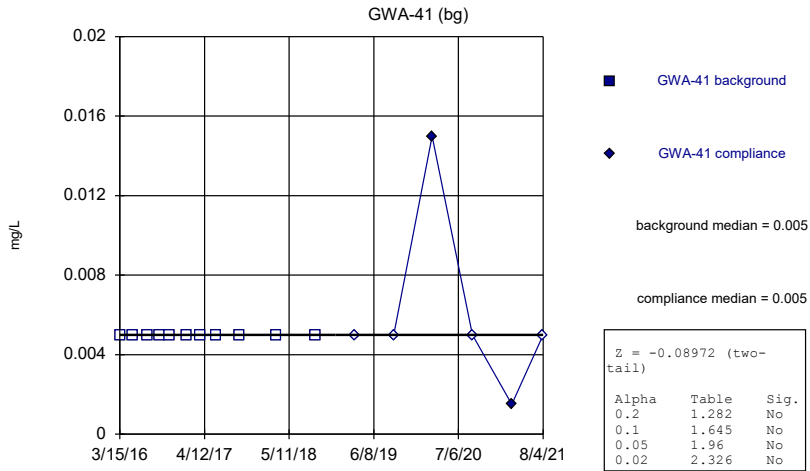
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



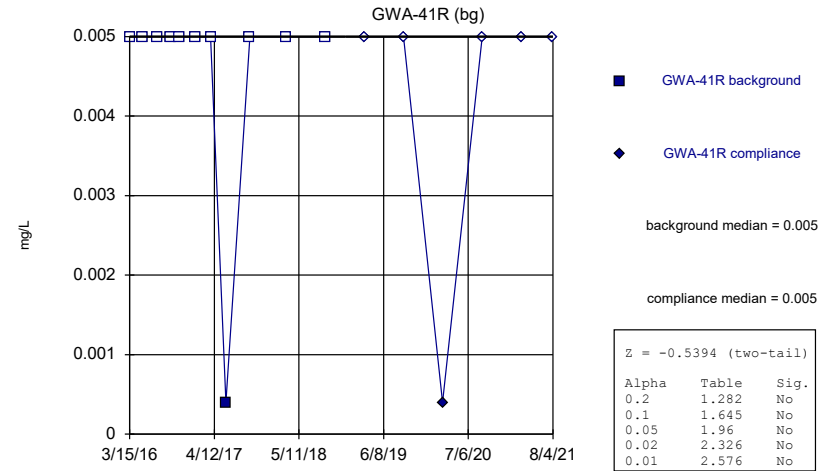
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



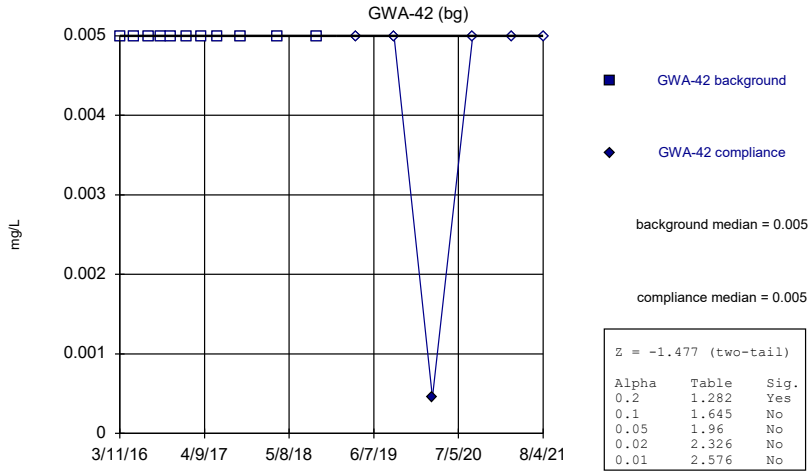
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



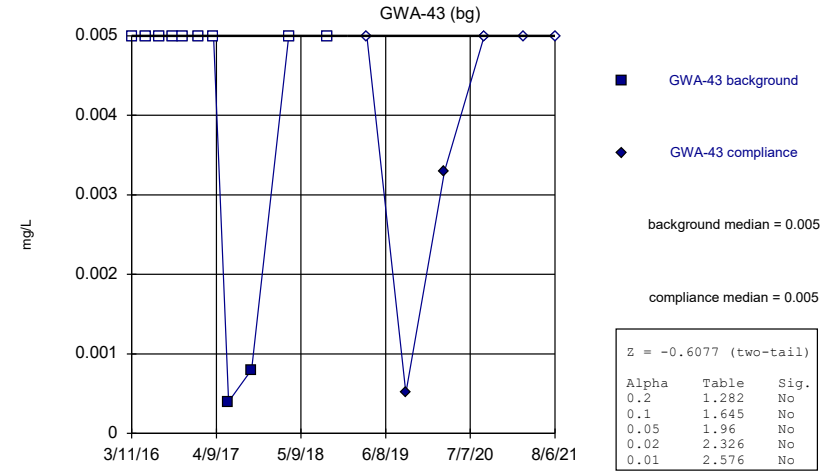
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



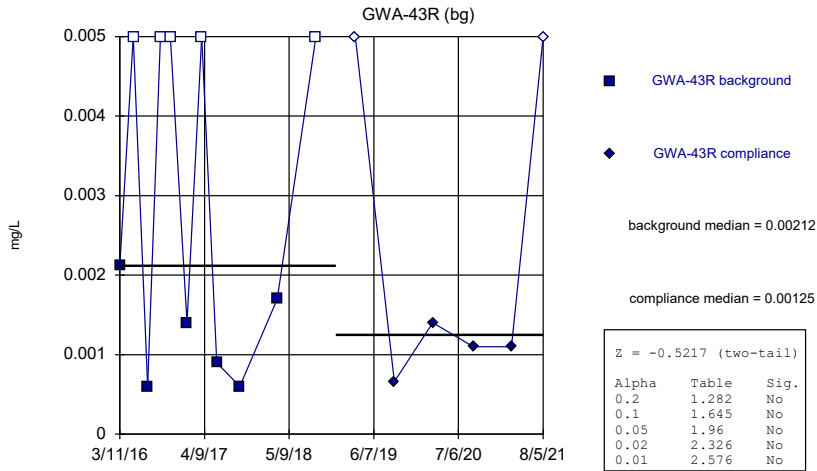
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



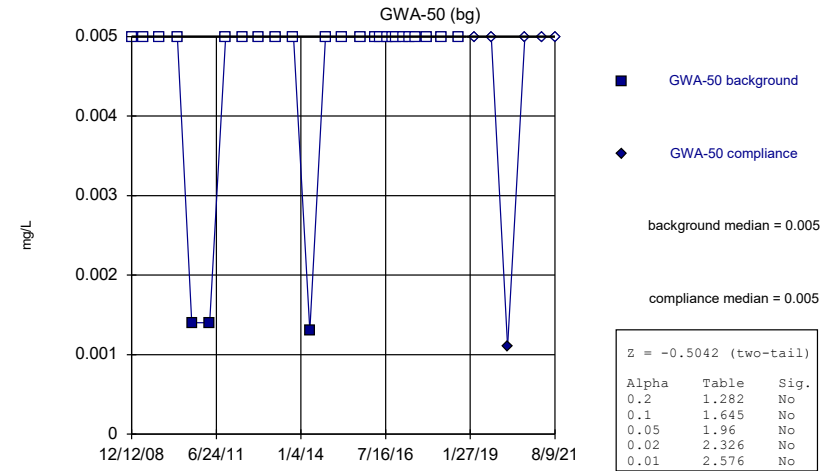
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



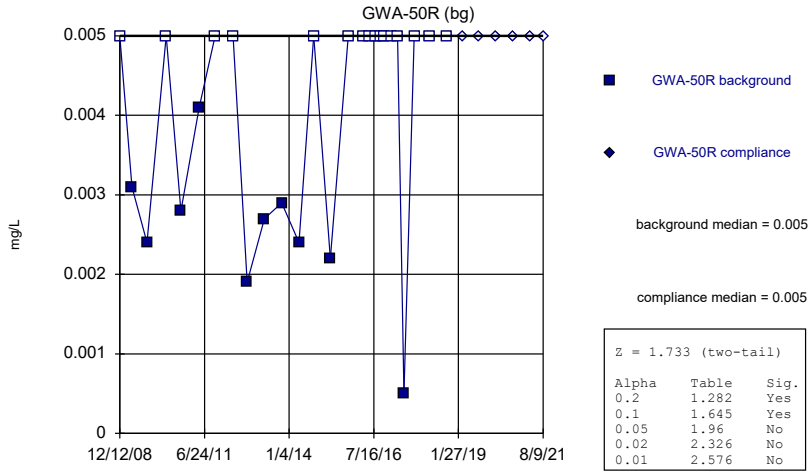
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



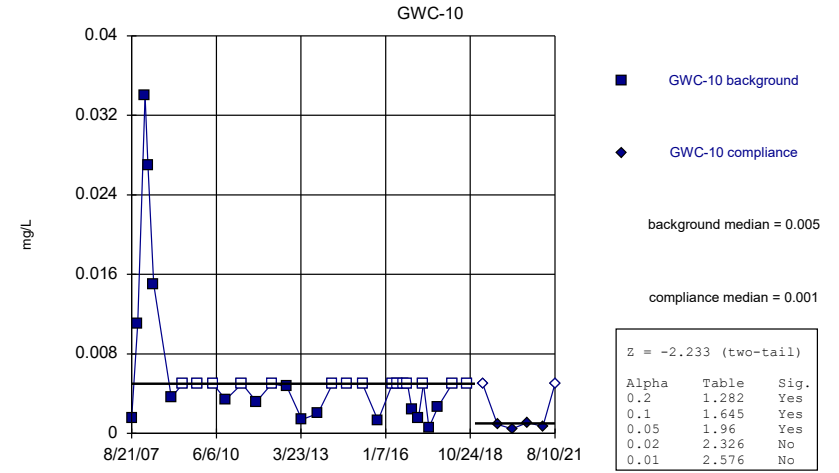
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



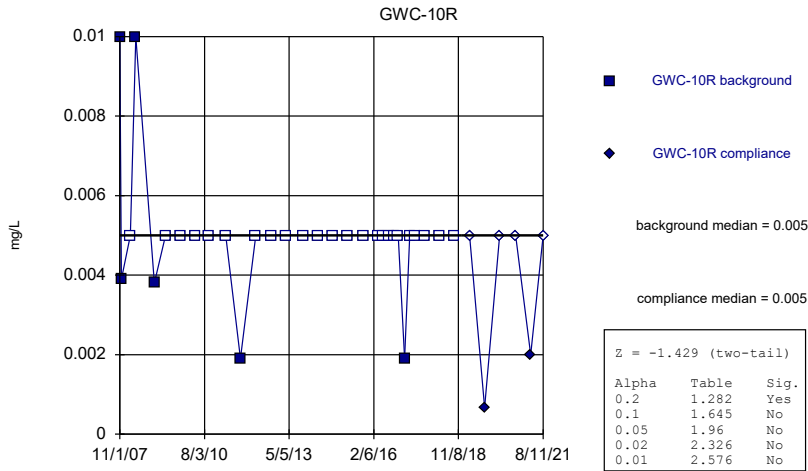
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



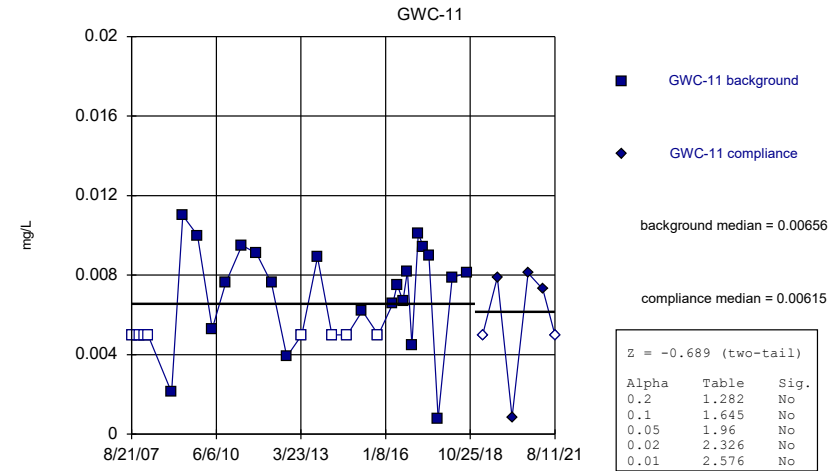
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



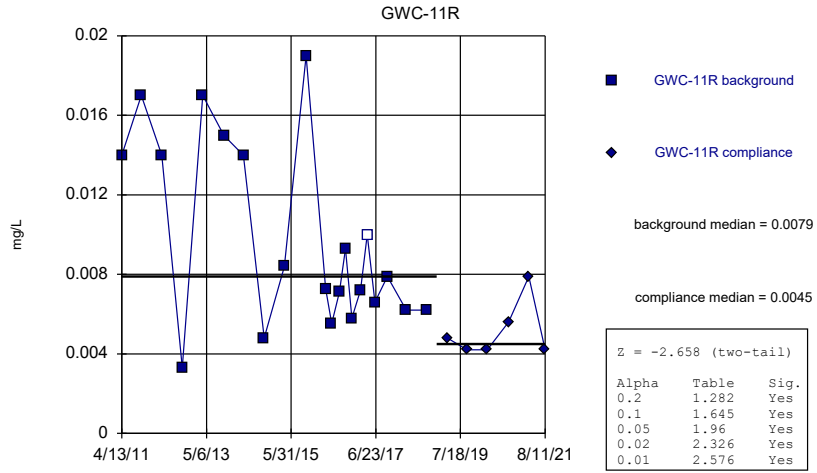
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



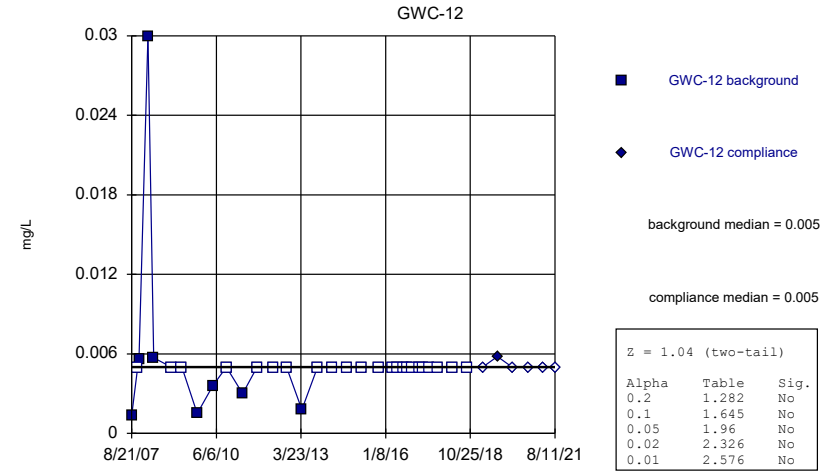
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



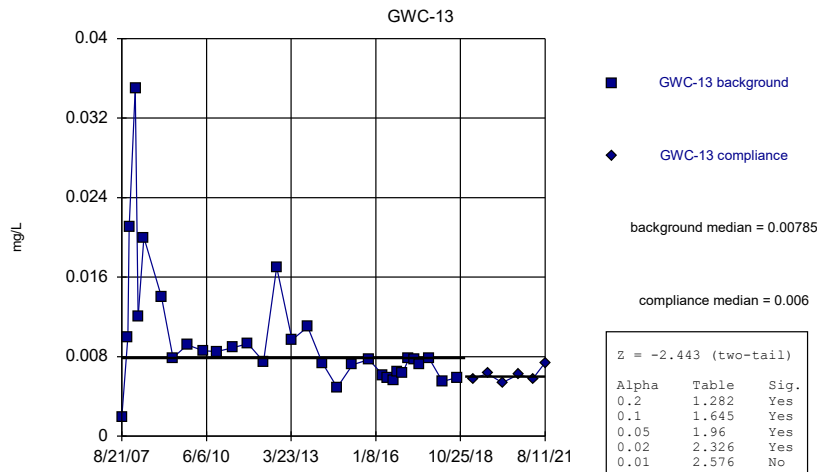
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



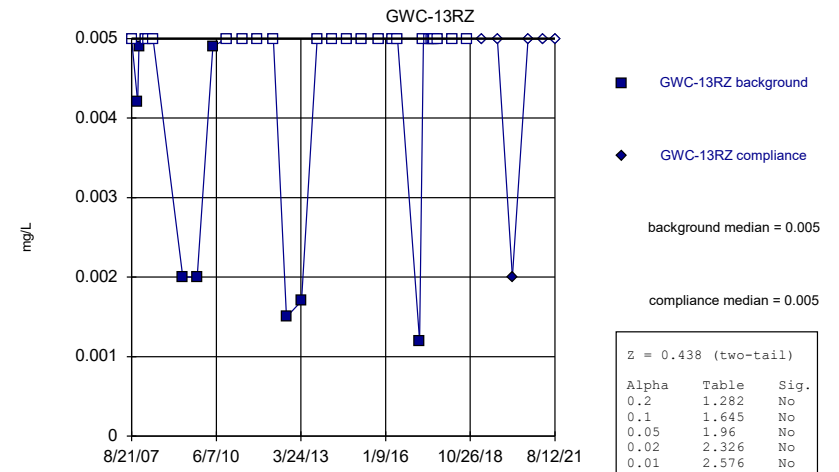
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



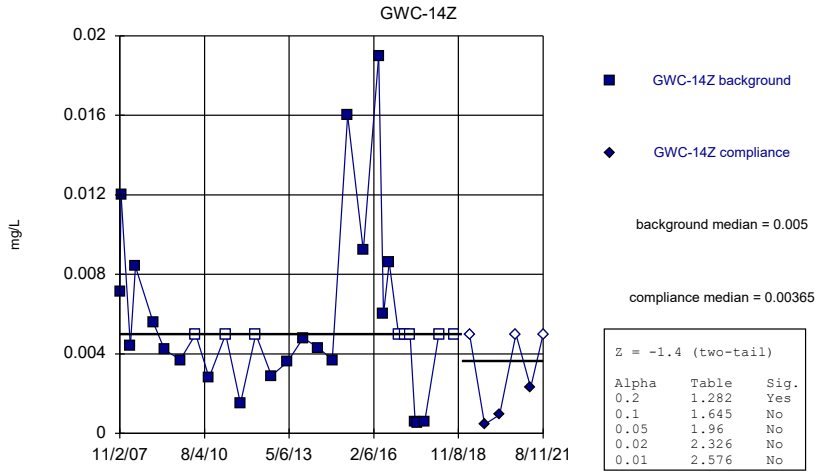
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



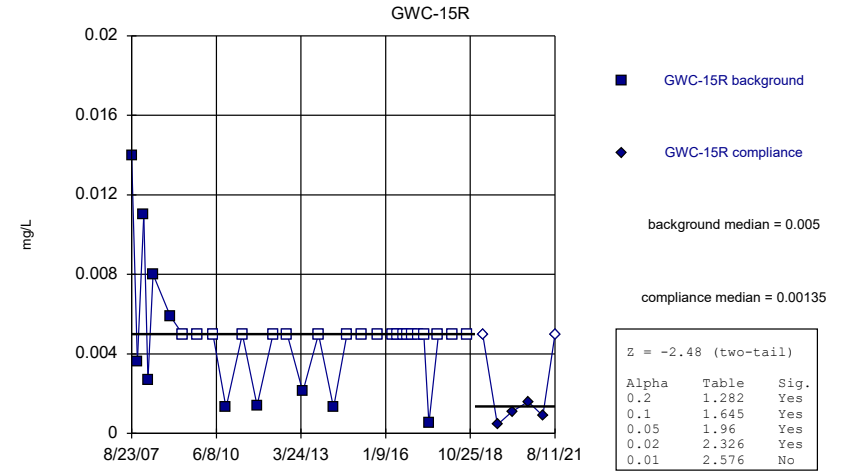
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



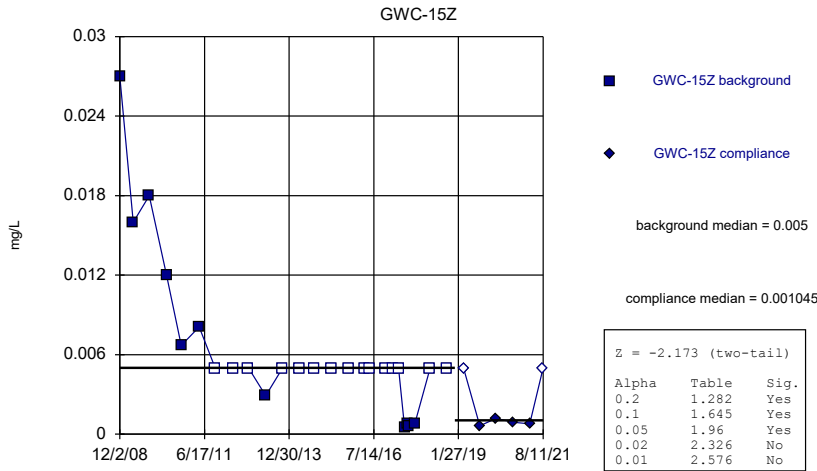
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



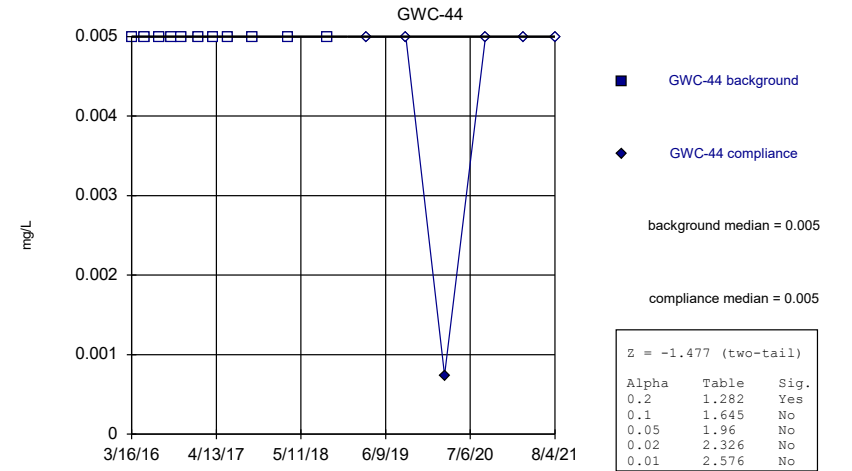
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



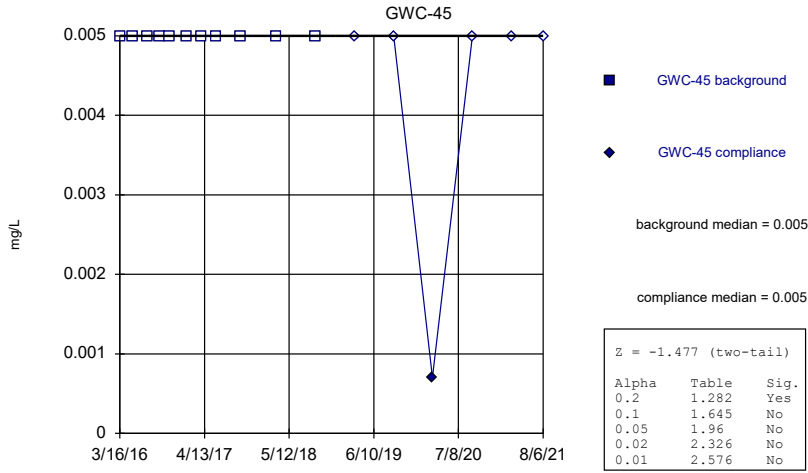
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



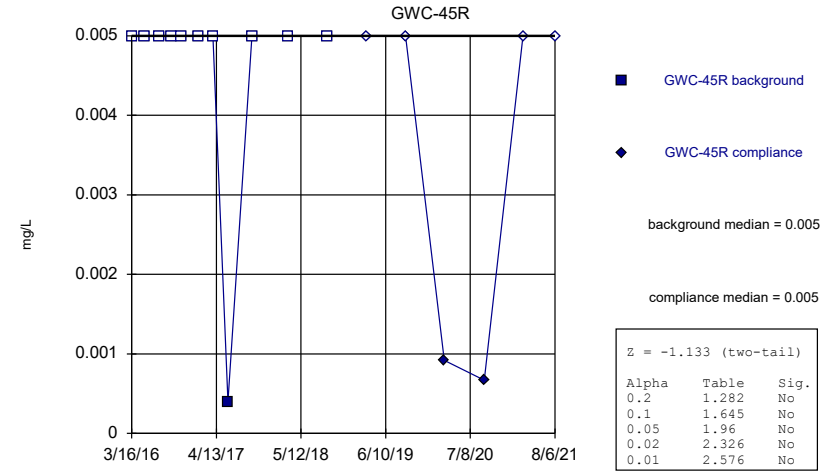
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



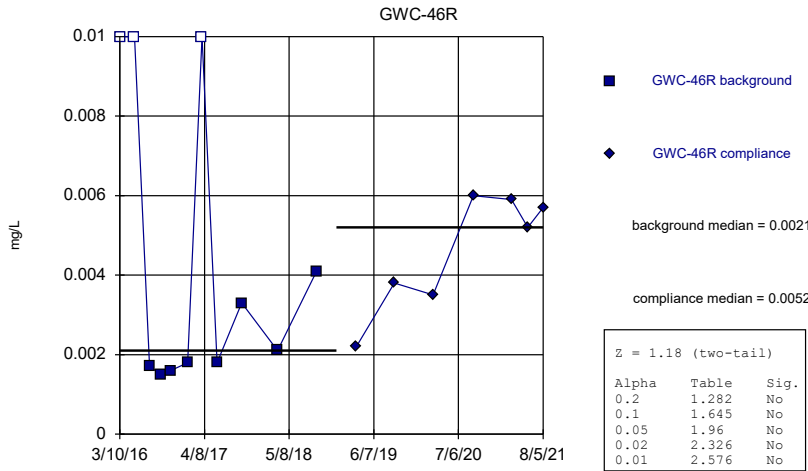
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



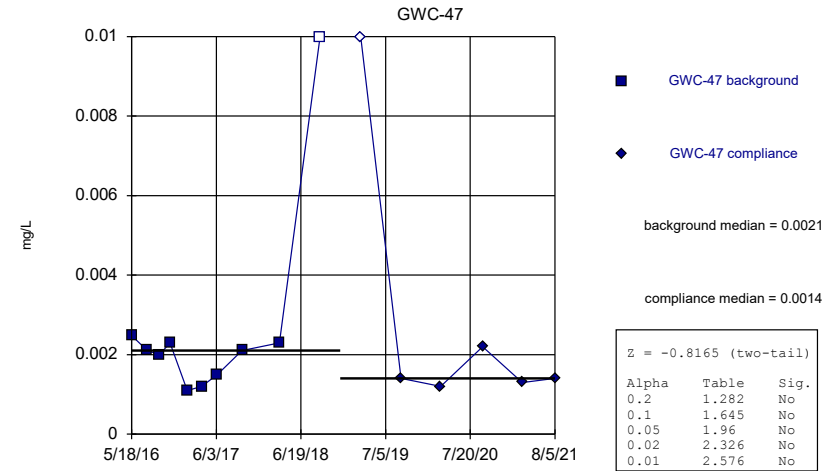
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



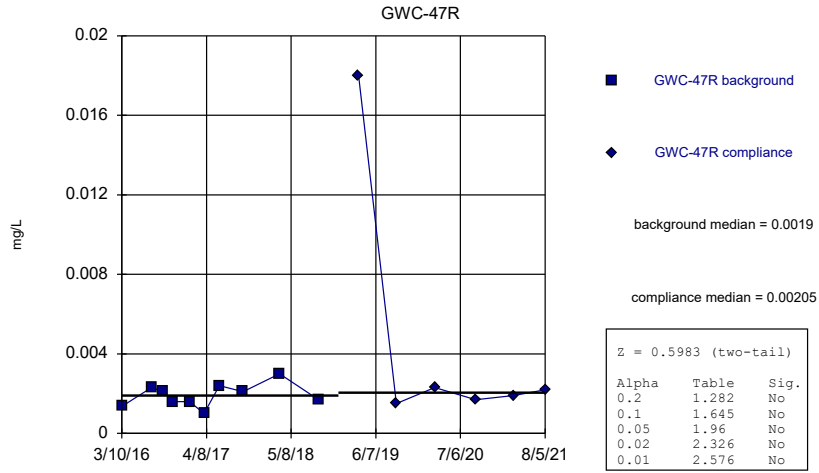
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



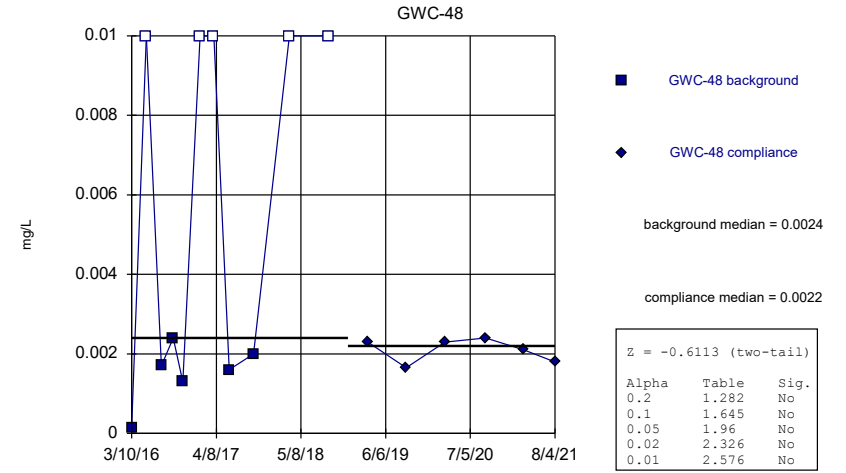
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



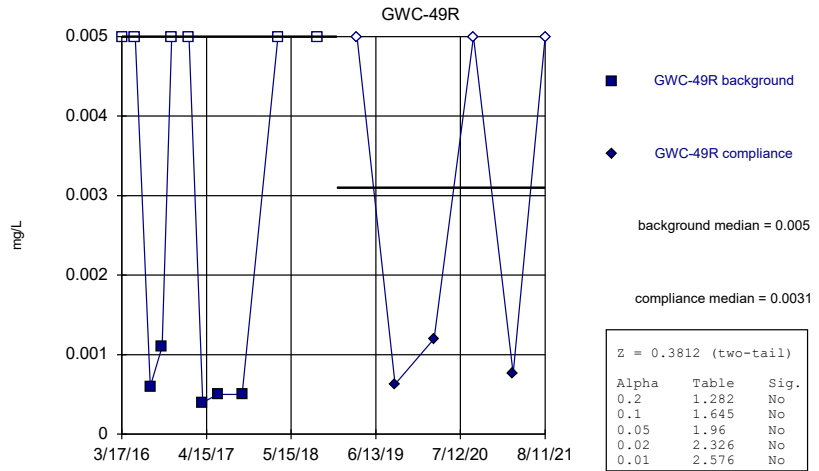
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



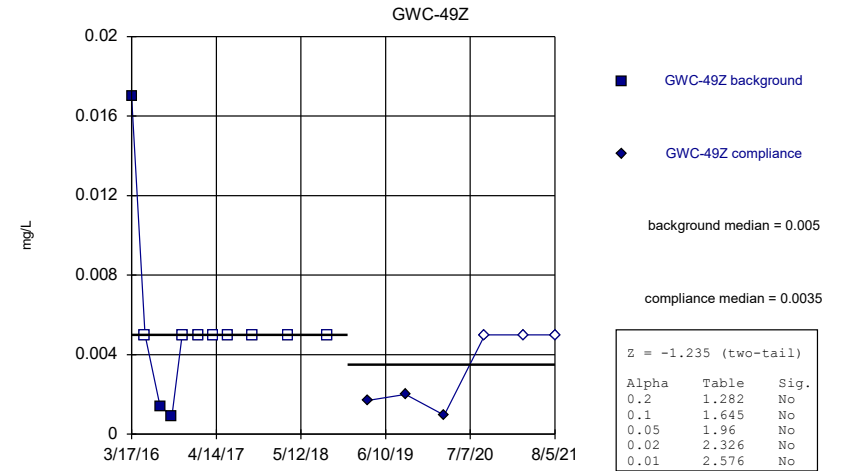
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



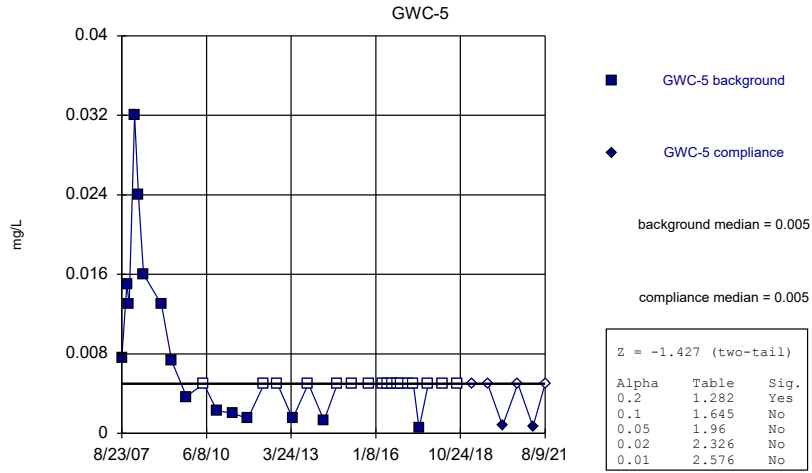
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



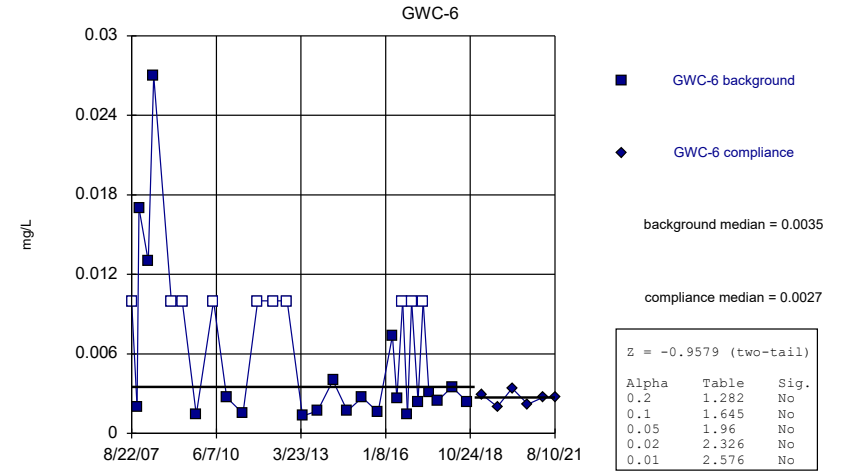
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



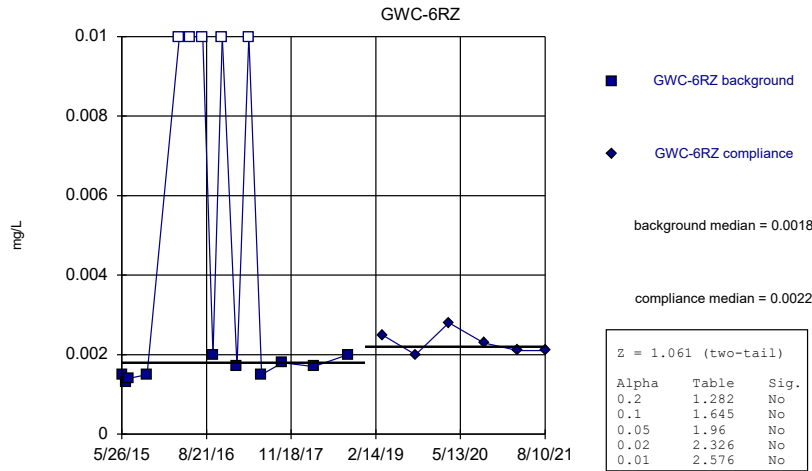
Constituent: Chromium Analysis Run 4/1/2022 5:30 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



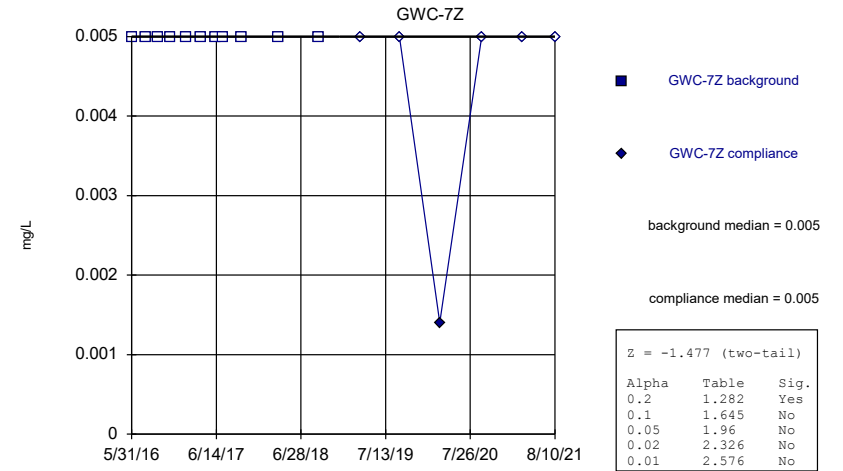
Constituent: Chromium Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



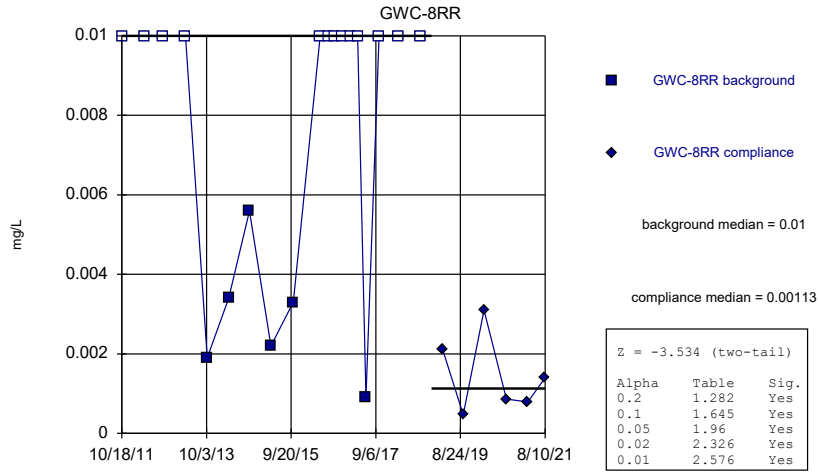
Constituent: Chromium Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



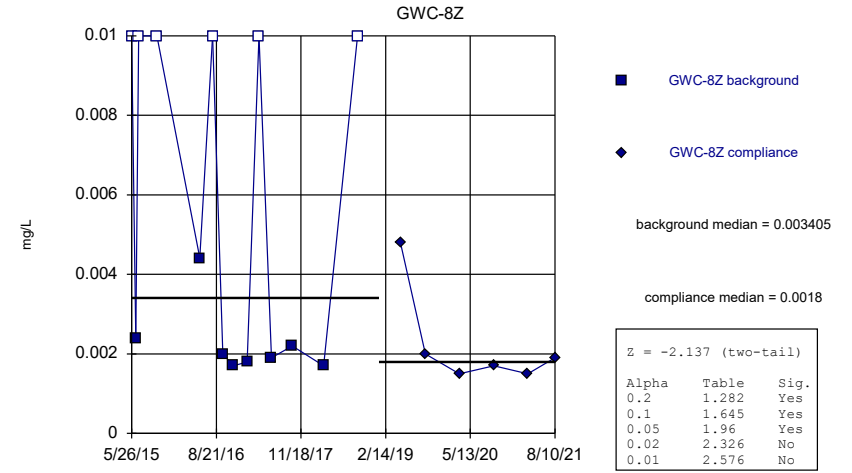
Constituent: Chromium Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



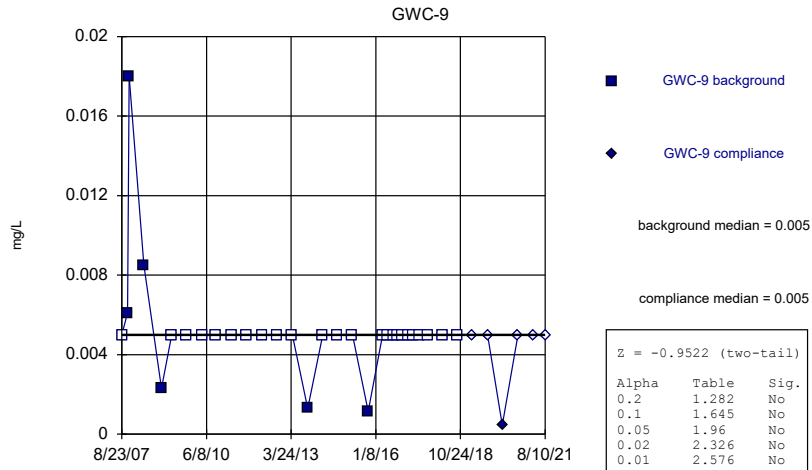
Constituent: Chromium Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



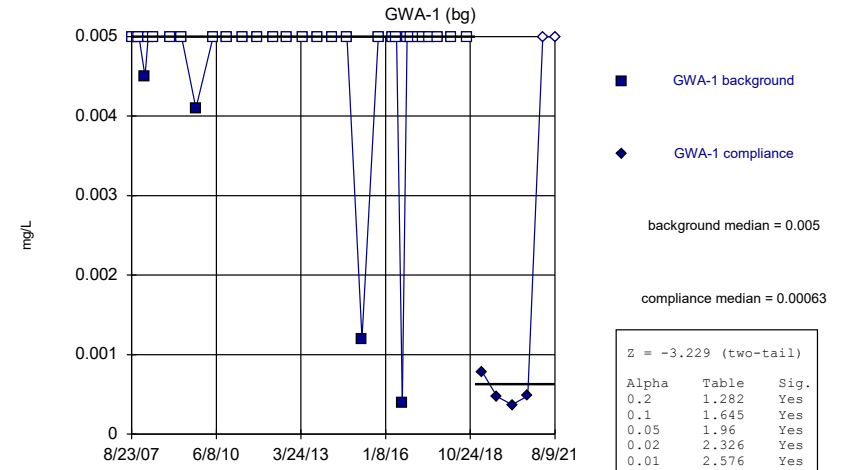
Constituent: Chromium Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



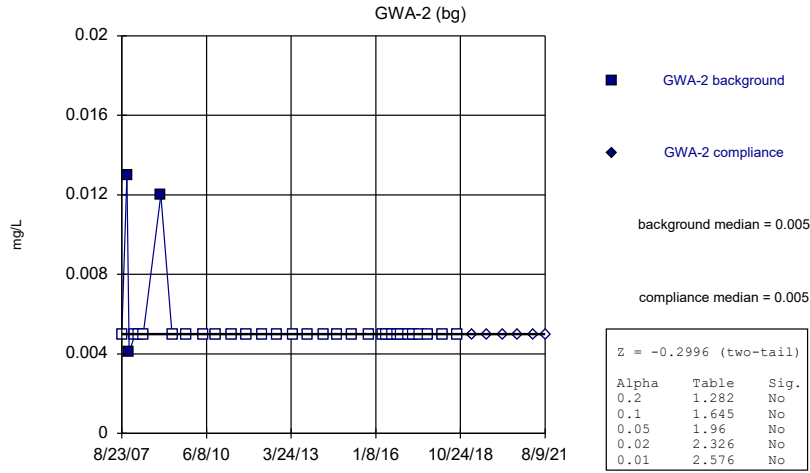
Constituent: Chromium Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



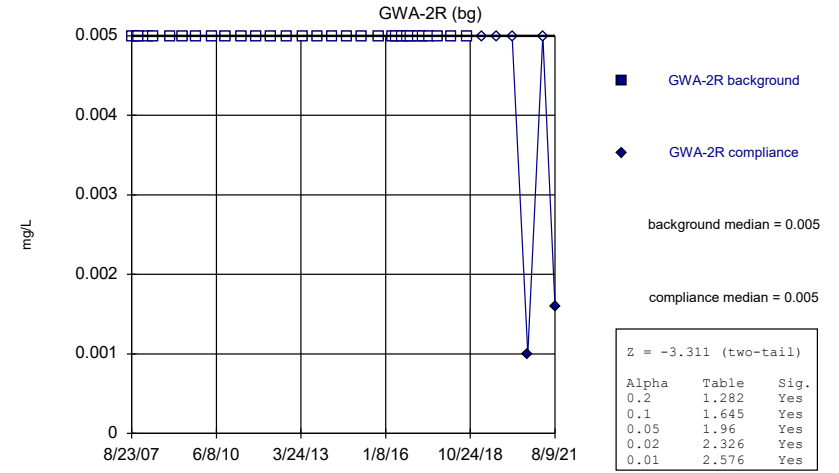
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



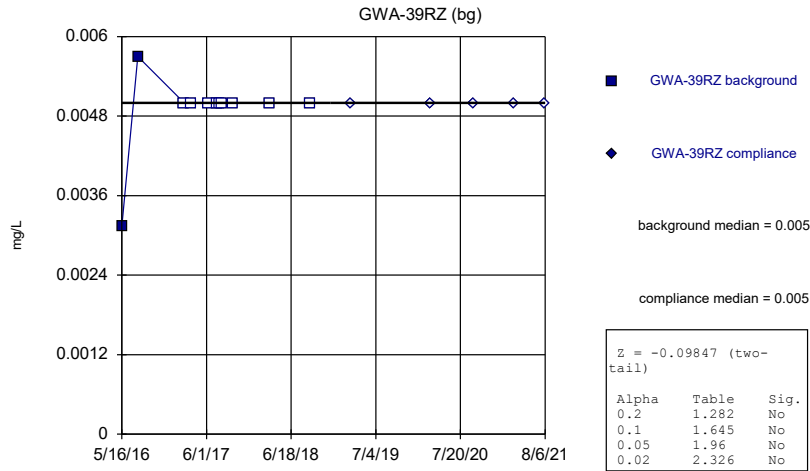
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



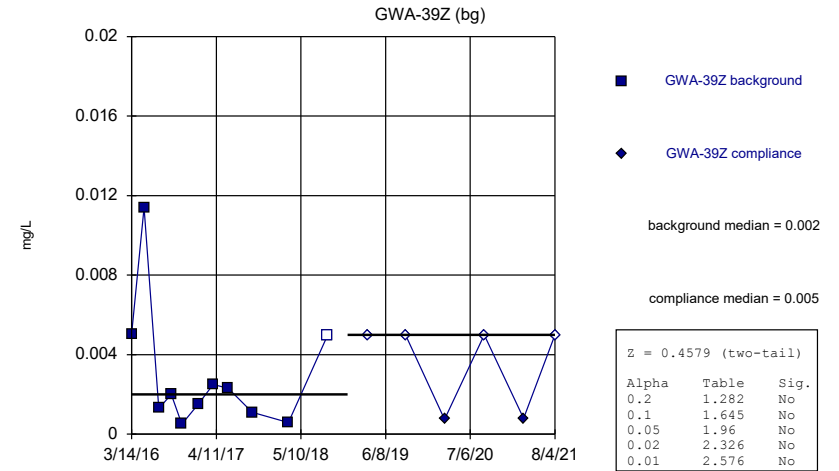
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



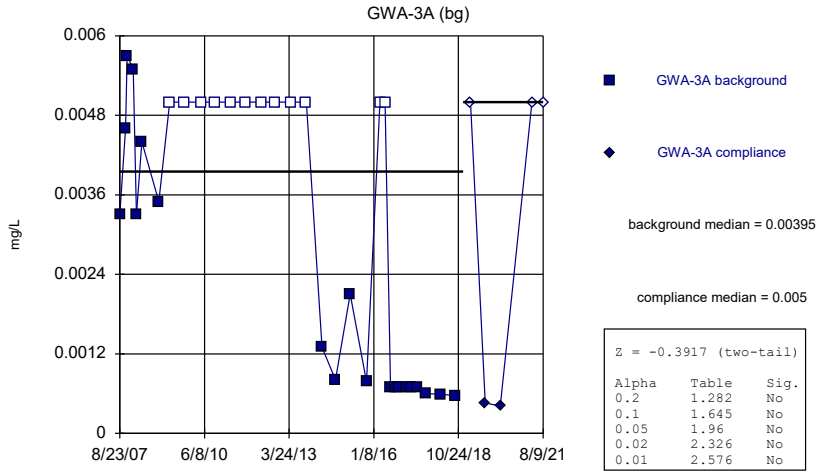
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



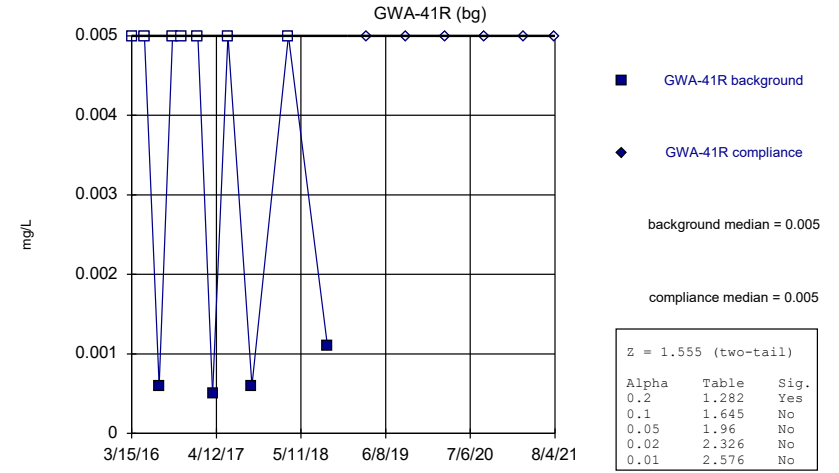
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



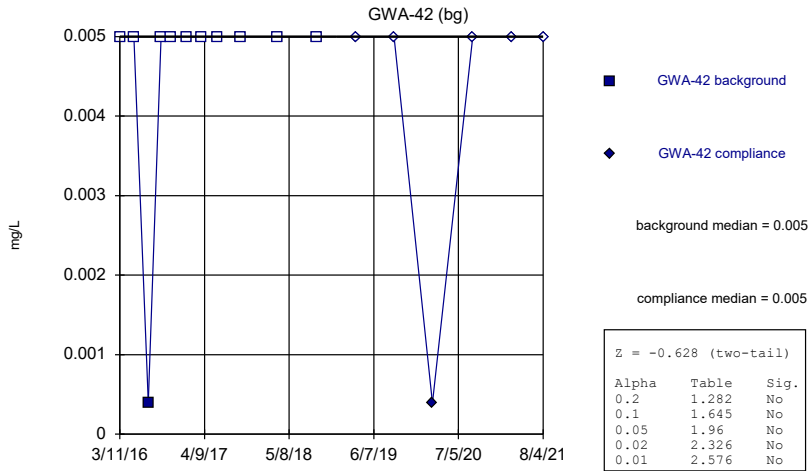
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



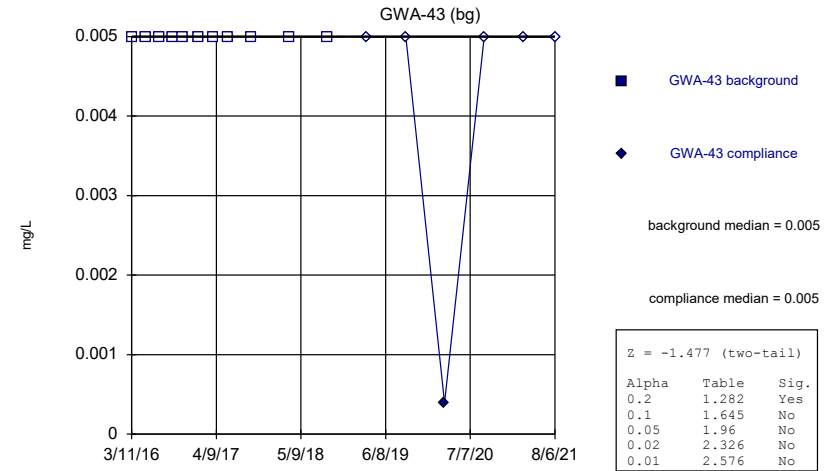
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



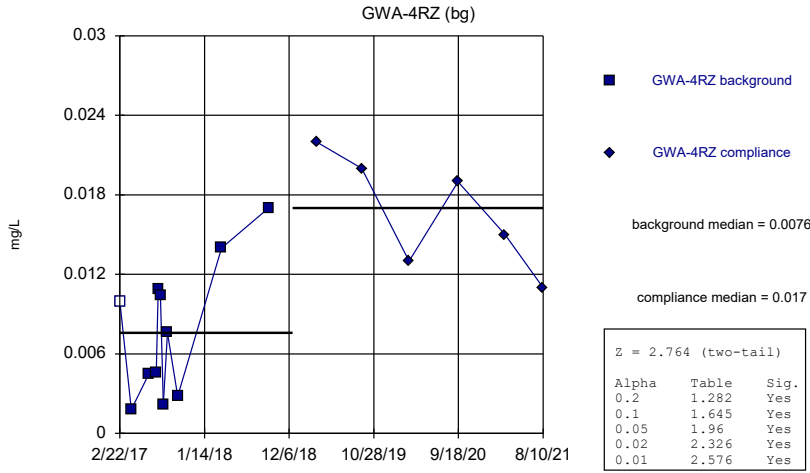
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



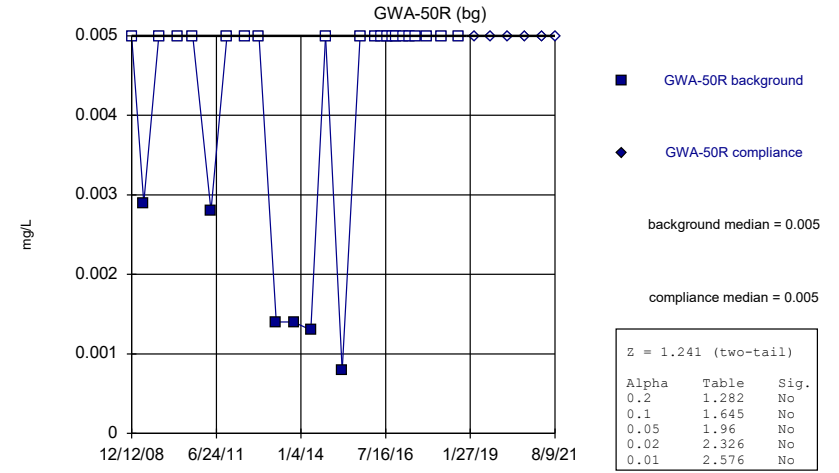
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



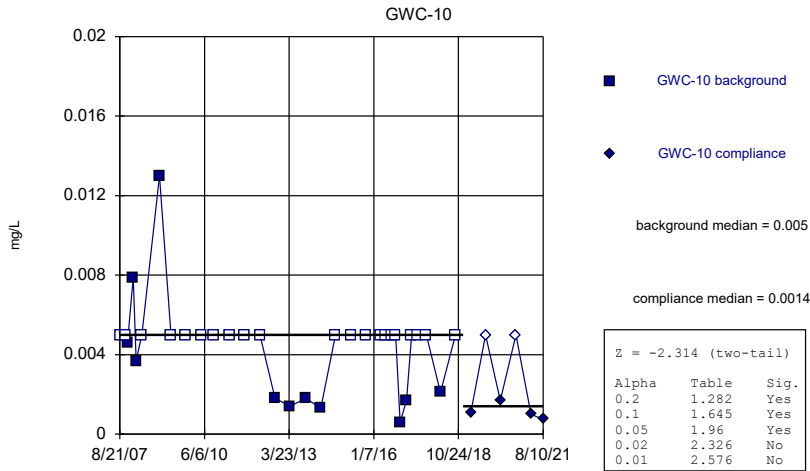
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



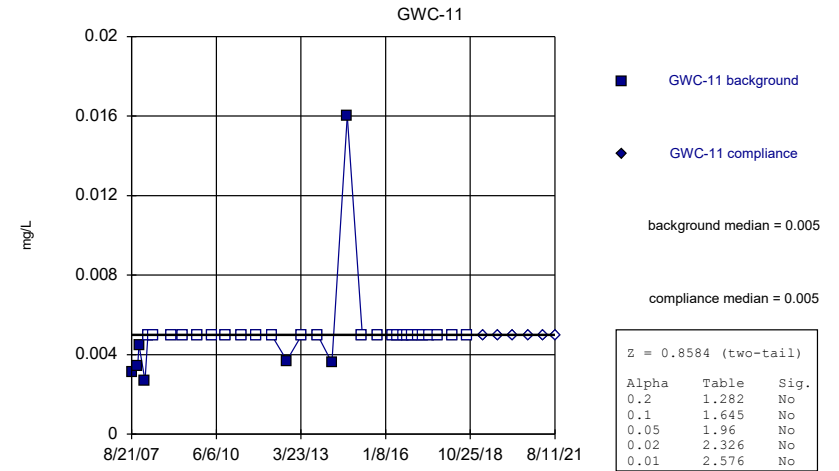
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



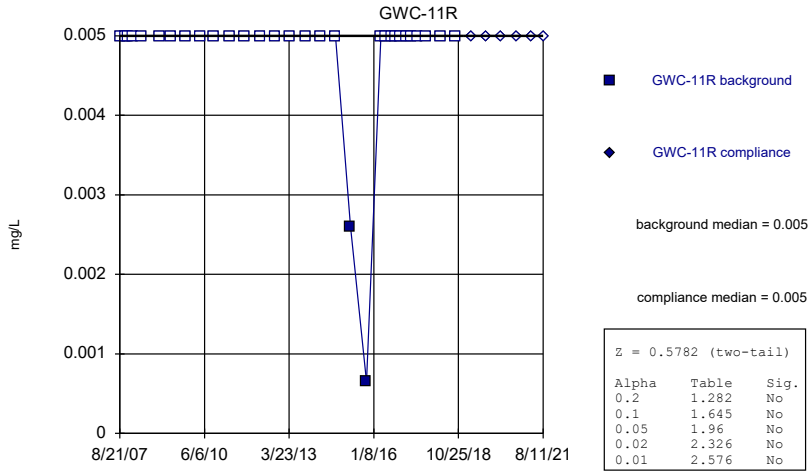
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



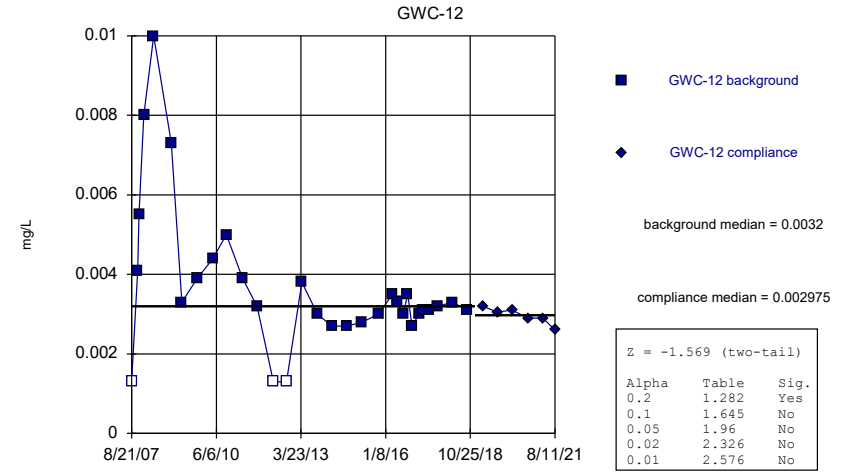
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



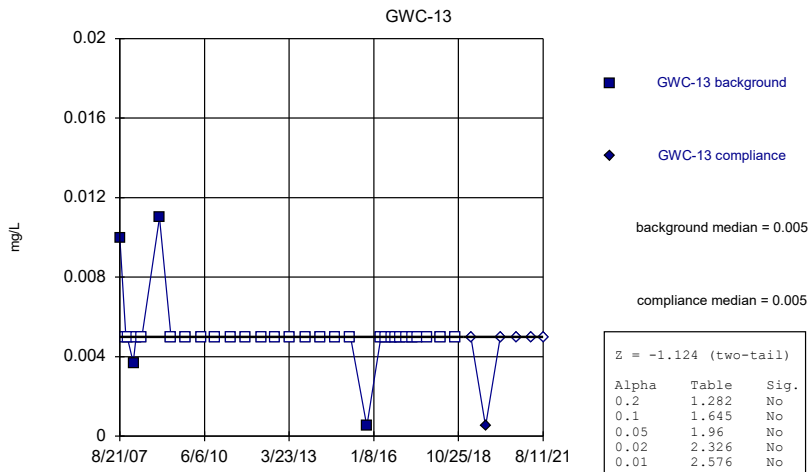
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



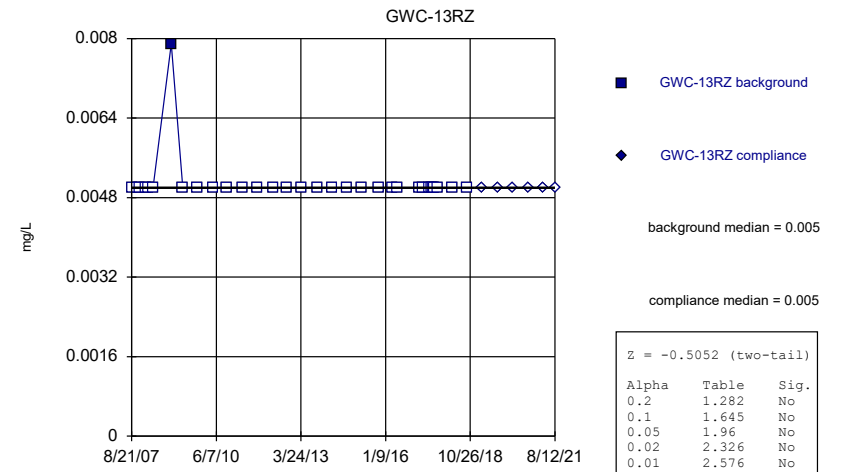
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



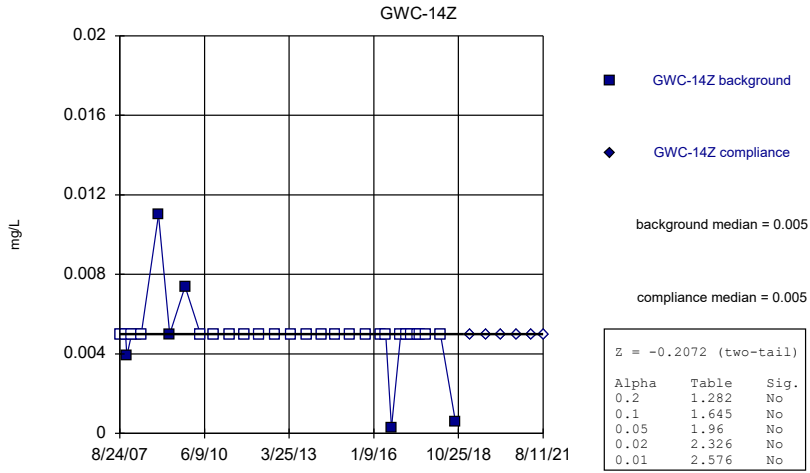
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



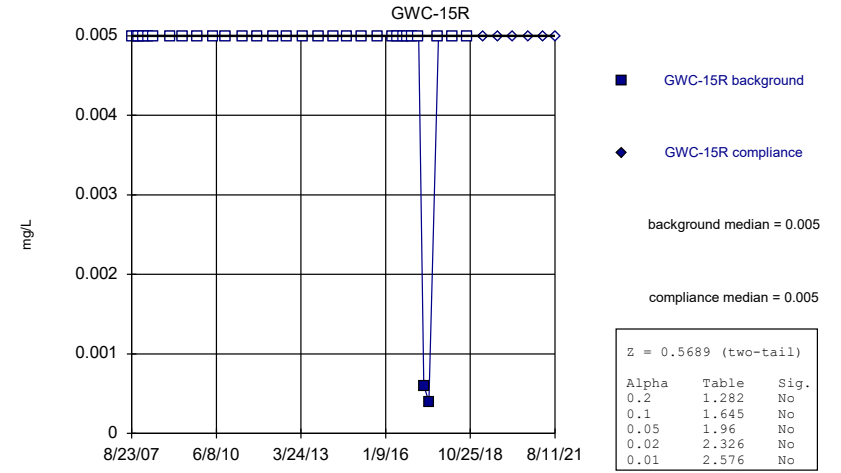
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



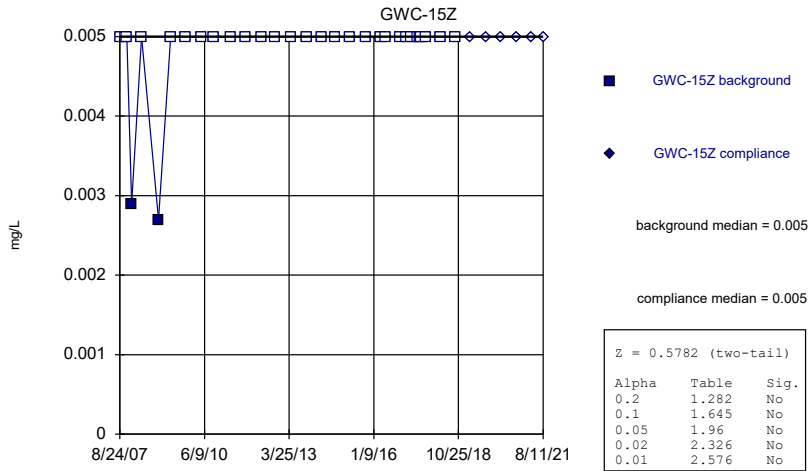
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



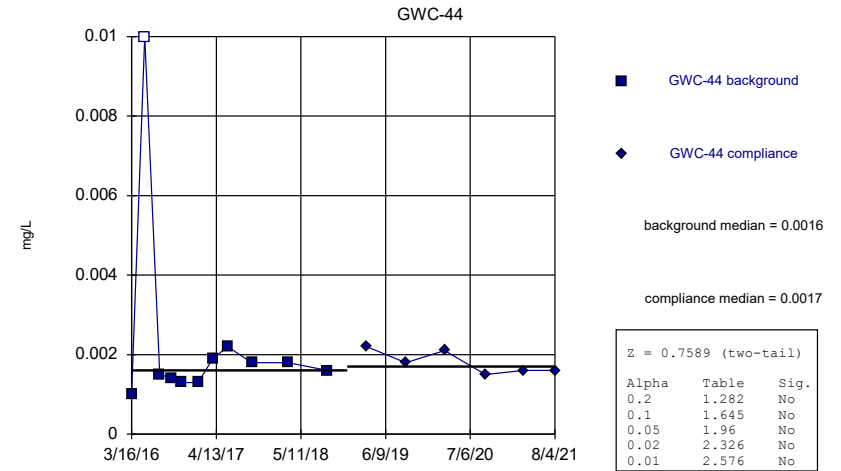
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



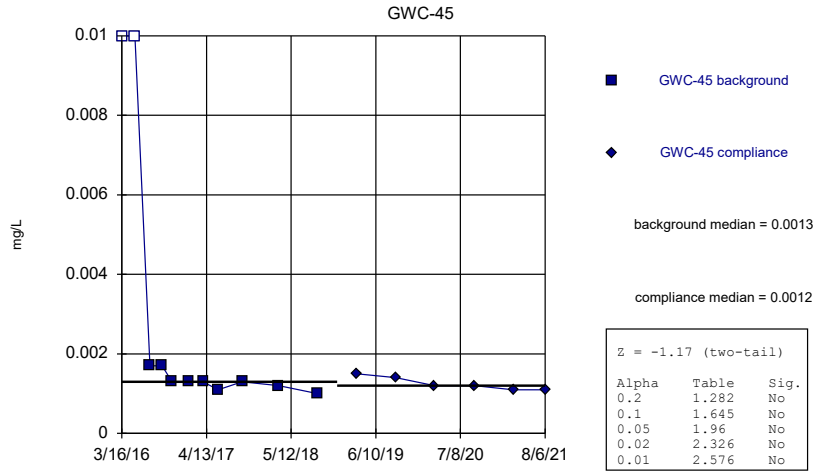
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



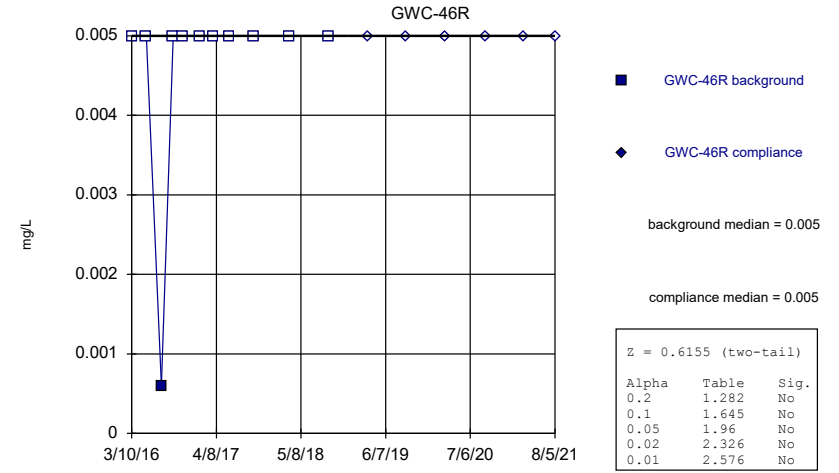
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



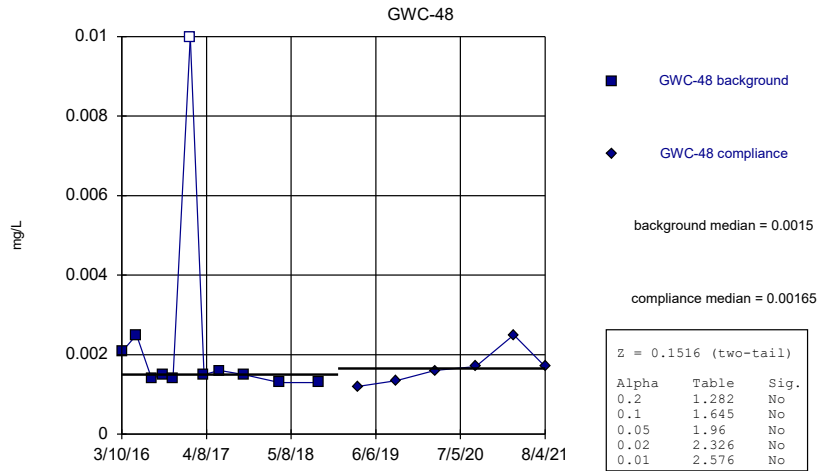
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



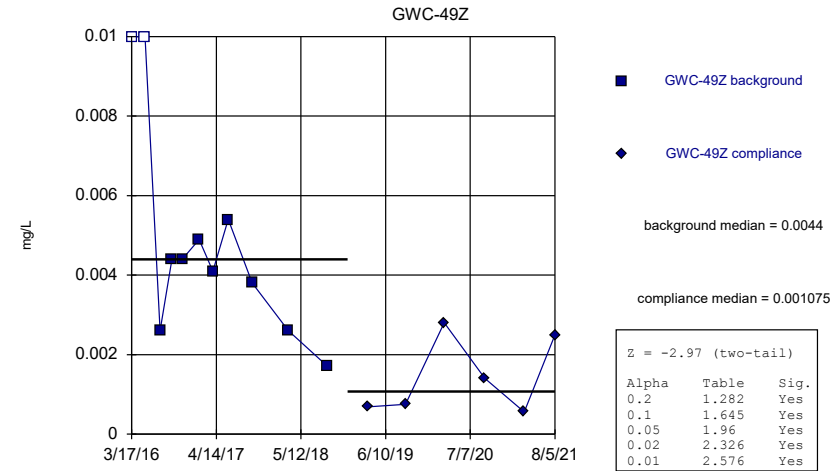
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



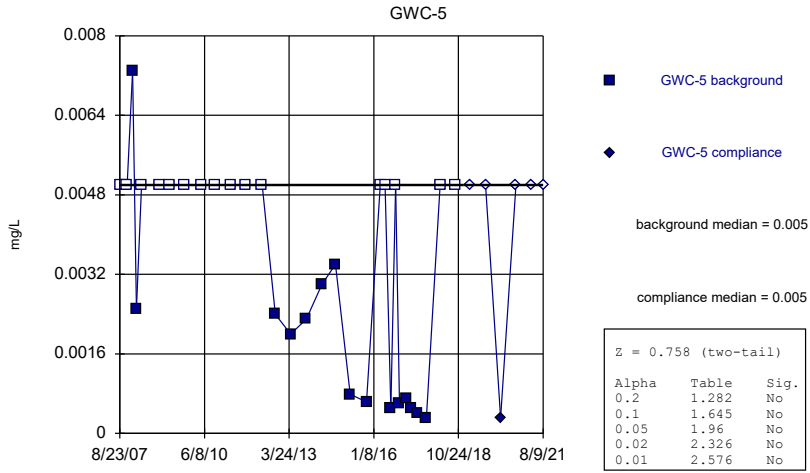
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



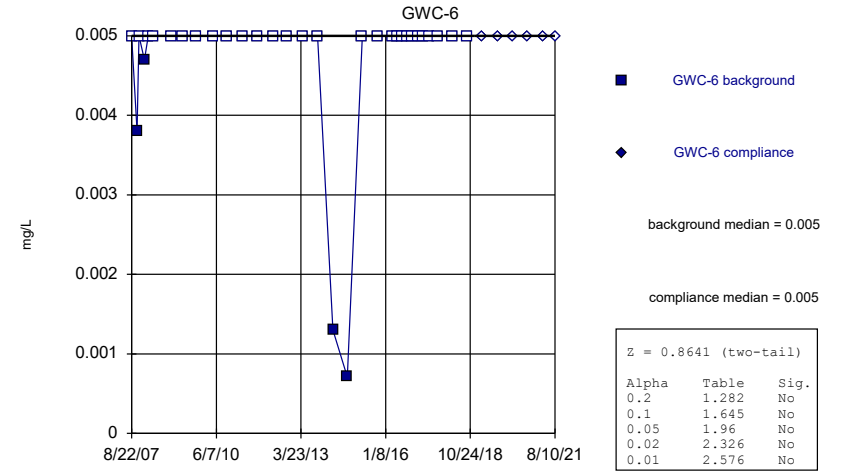
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



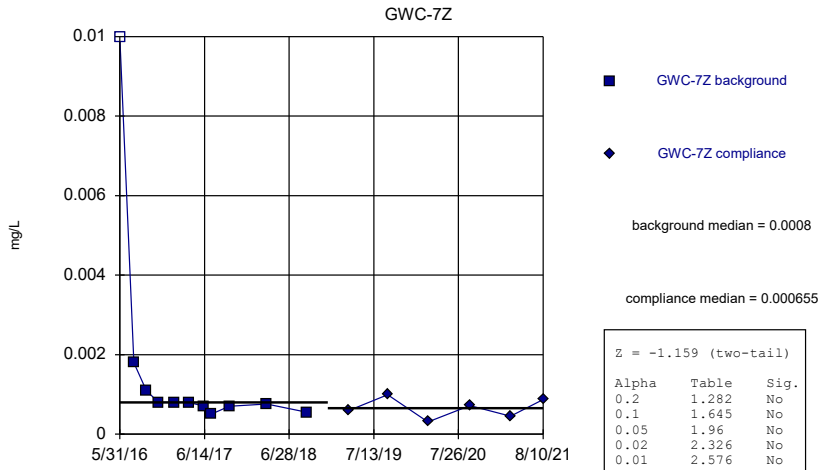
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



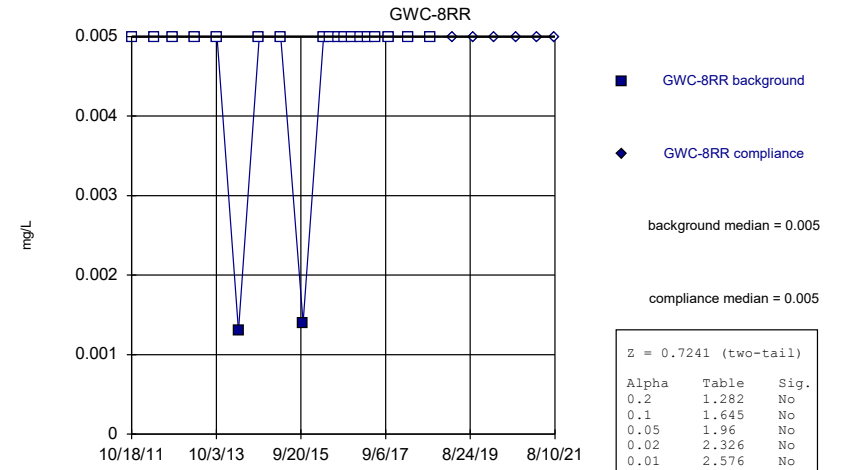
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



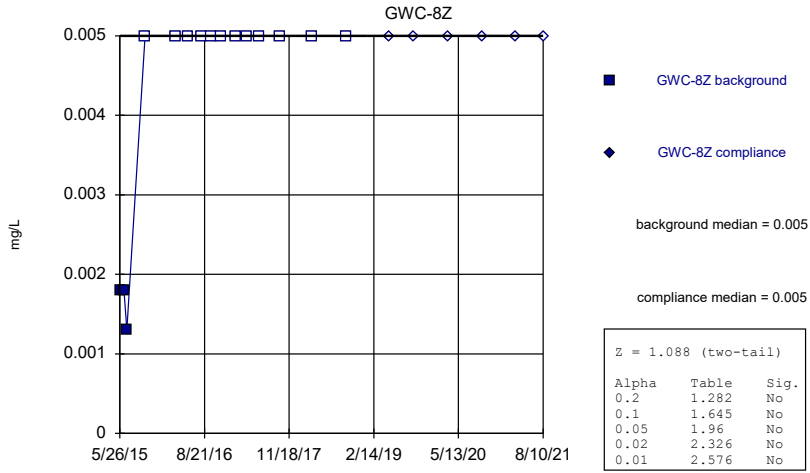
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



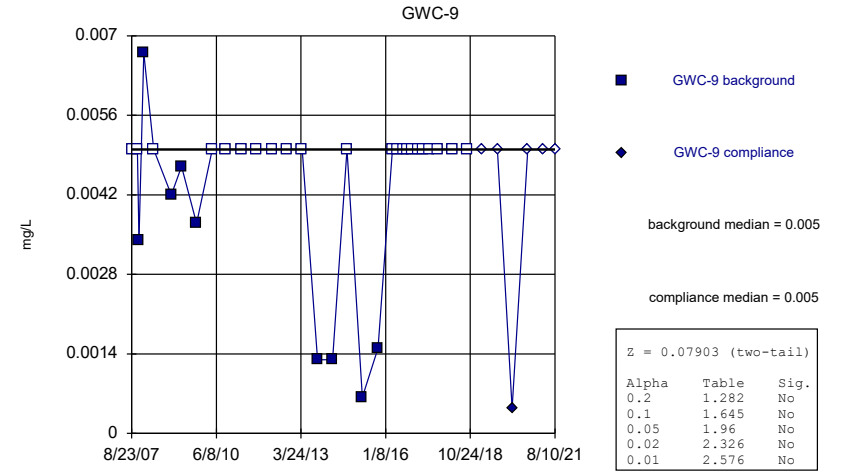
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



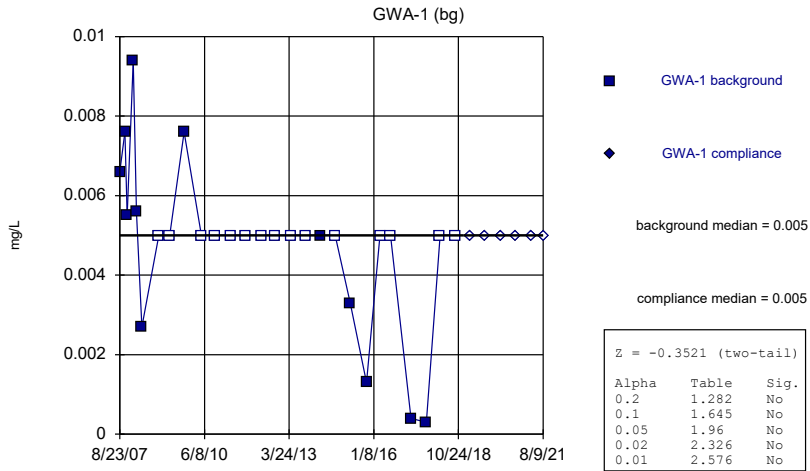
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



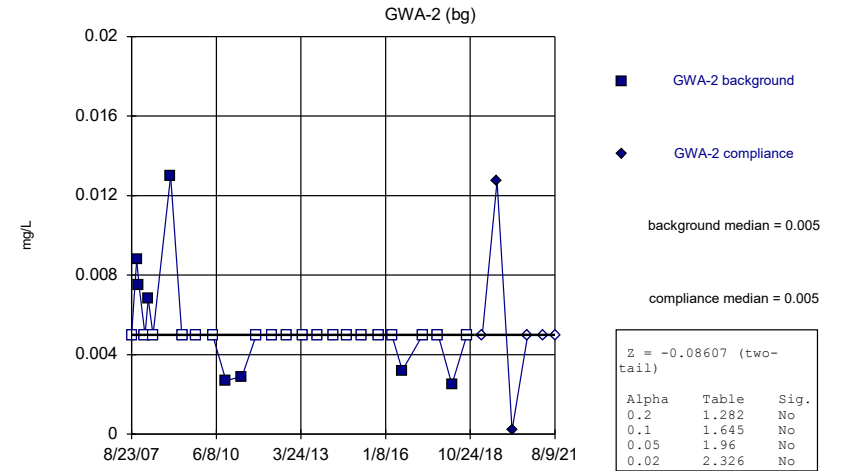
Constituent: Cobalt Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

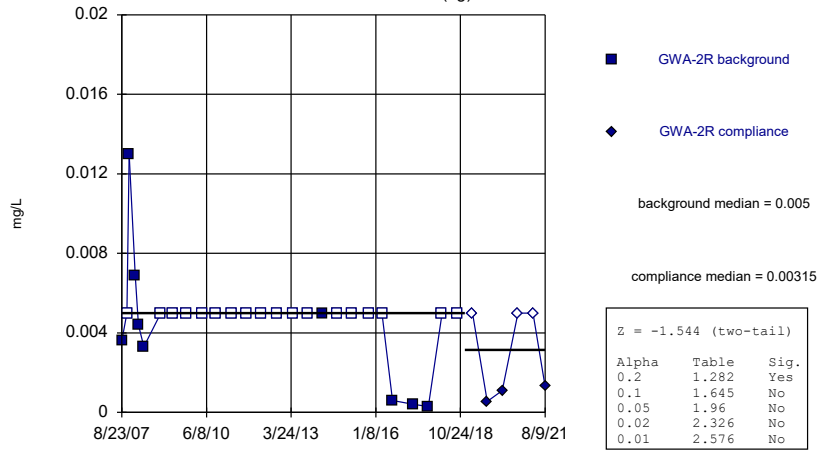
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

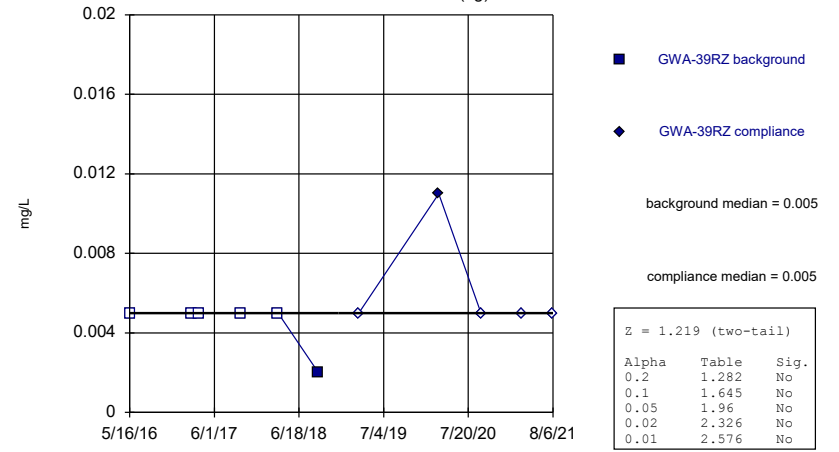
GWA-2R (bg)



Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

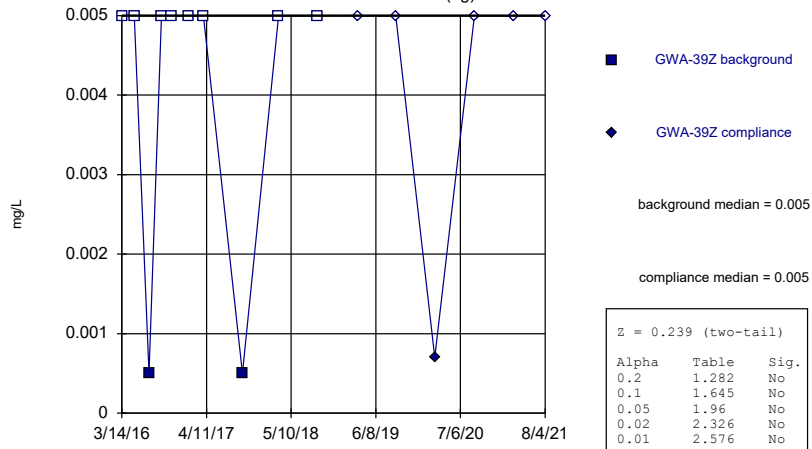
GWA-39RZ (bg)



Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

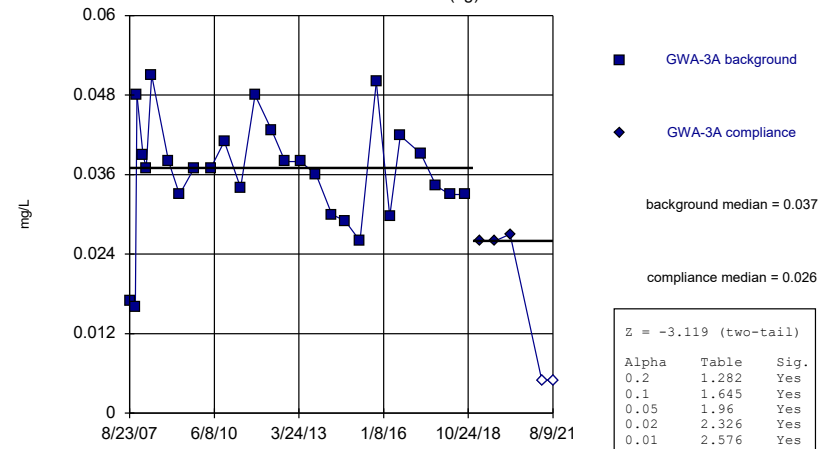
GWA-39Z (bg)



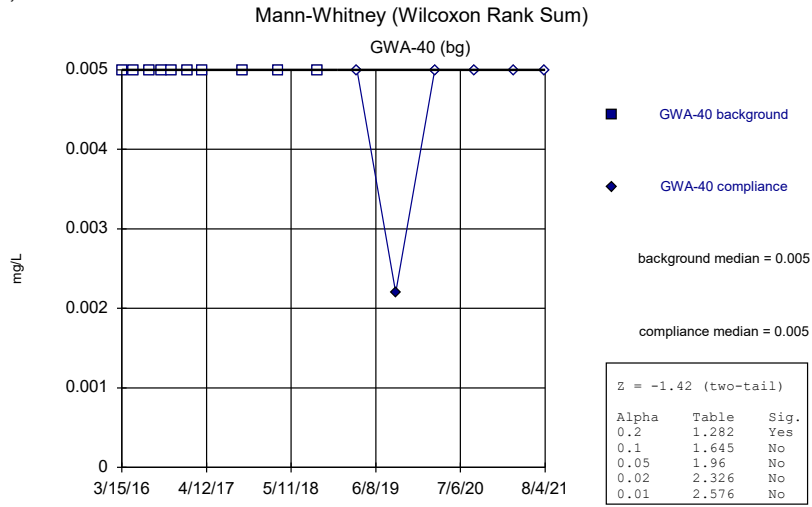
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

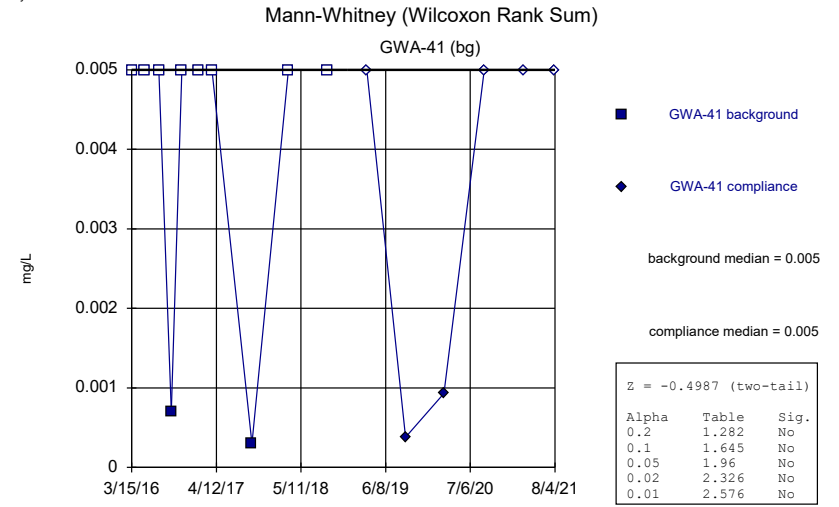
GWA-3A (bg)



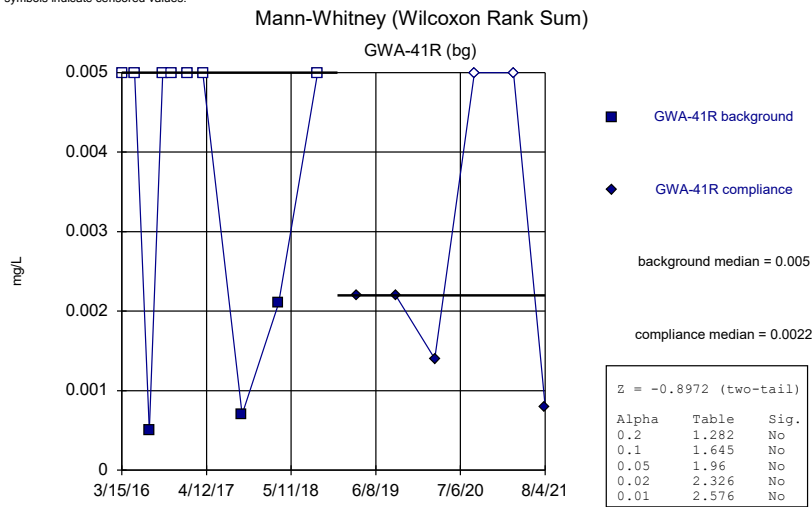
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



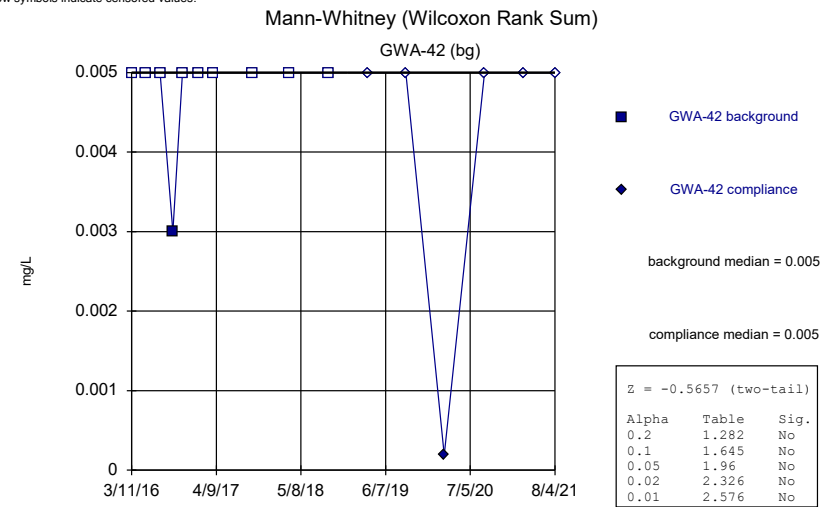
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



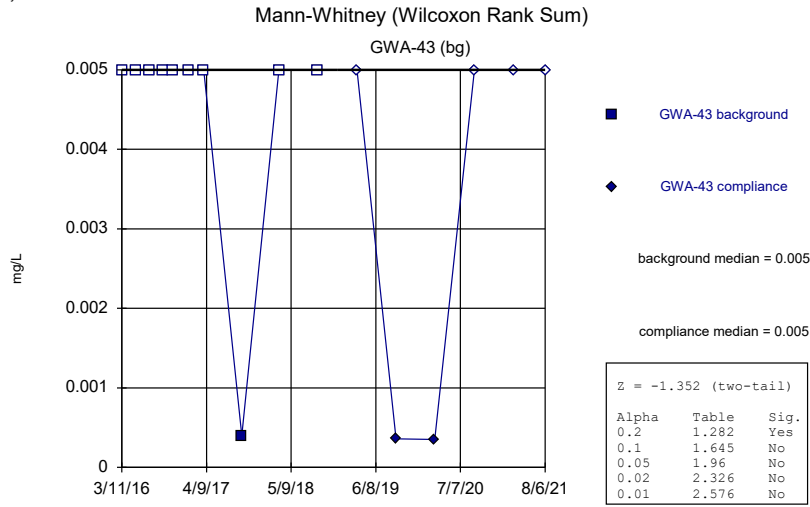
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



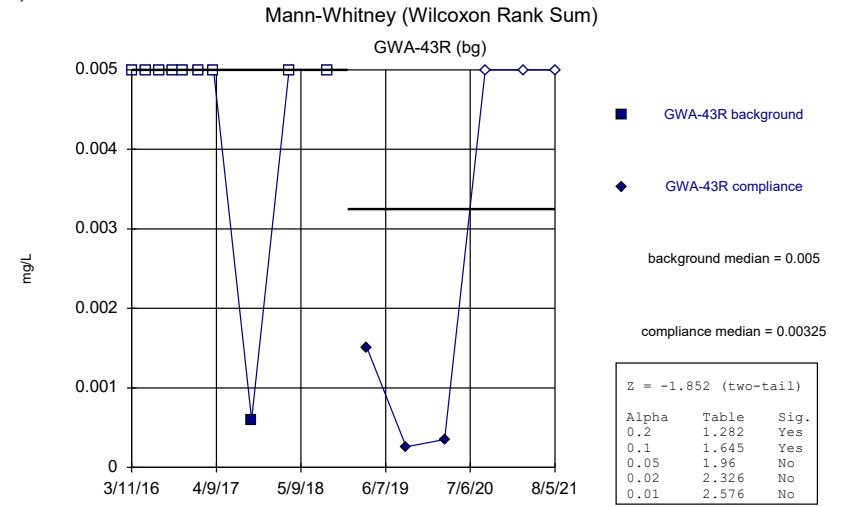
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



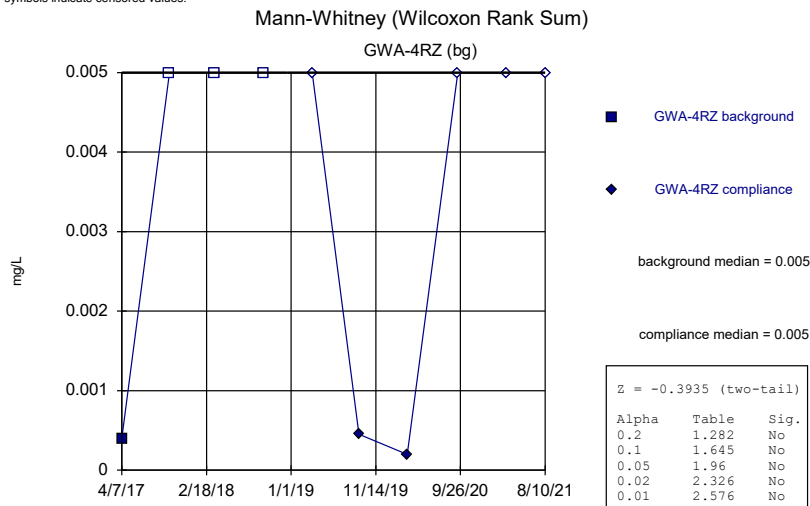
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



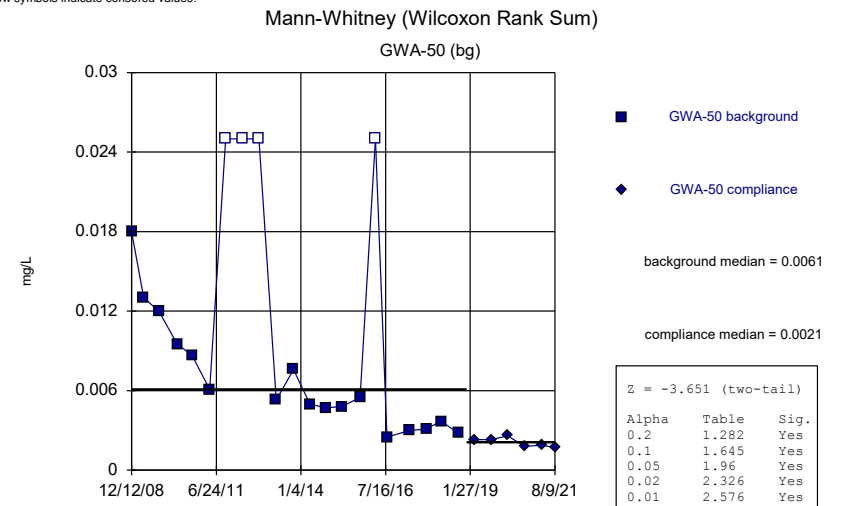
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



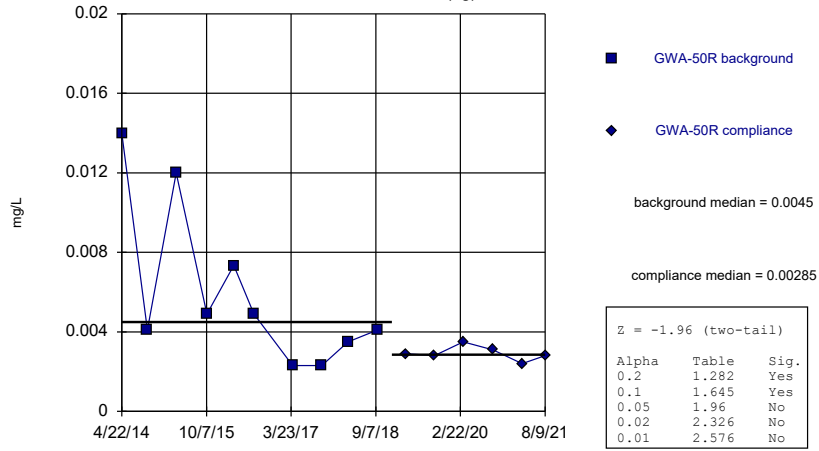
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

GWA-50R (bg)

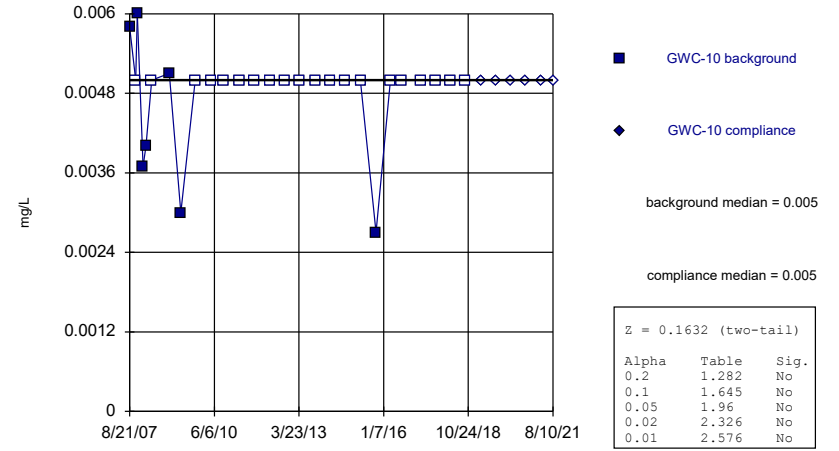


Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10

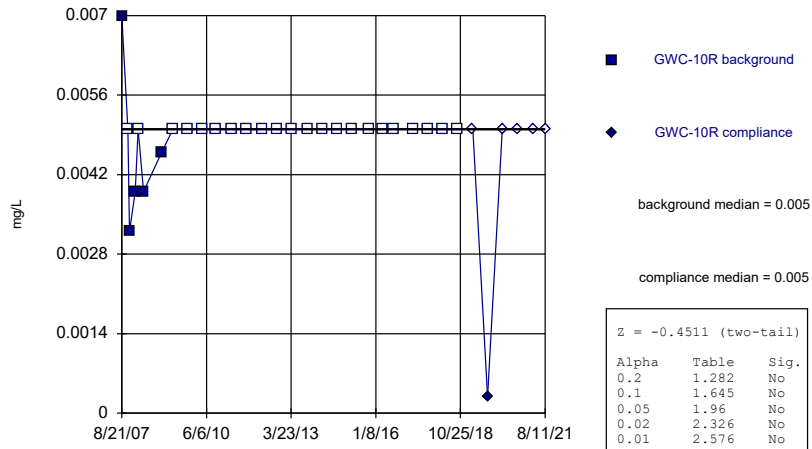


Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10R

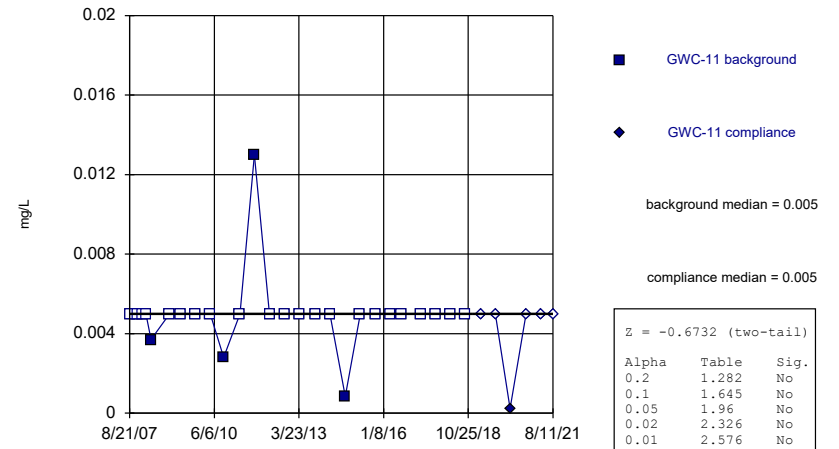


Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

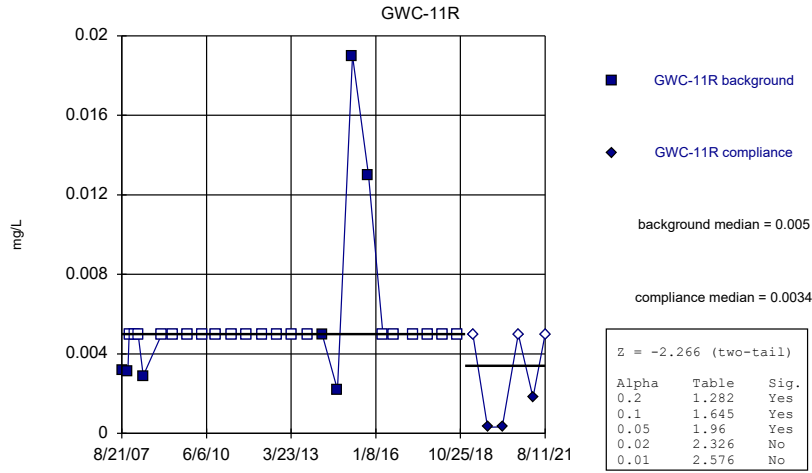
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



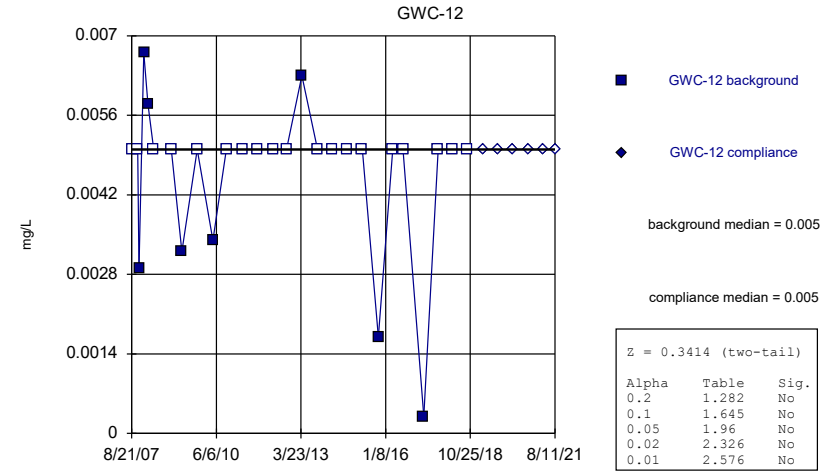
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



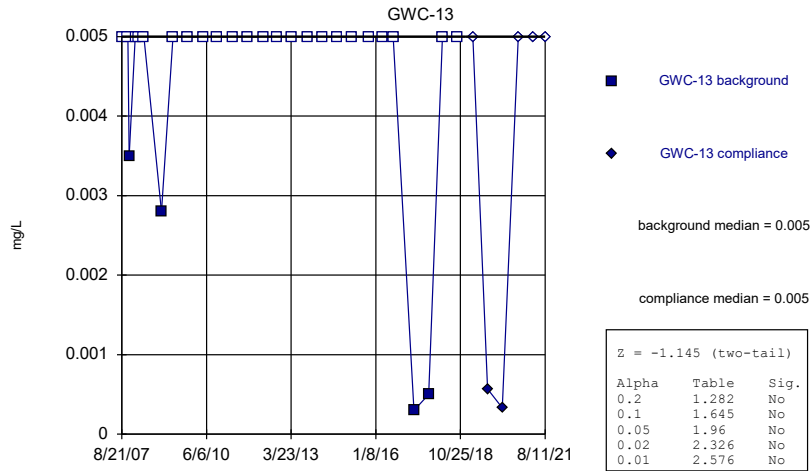
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



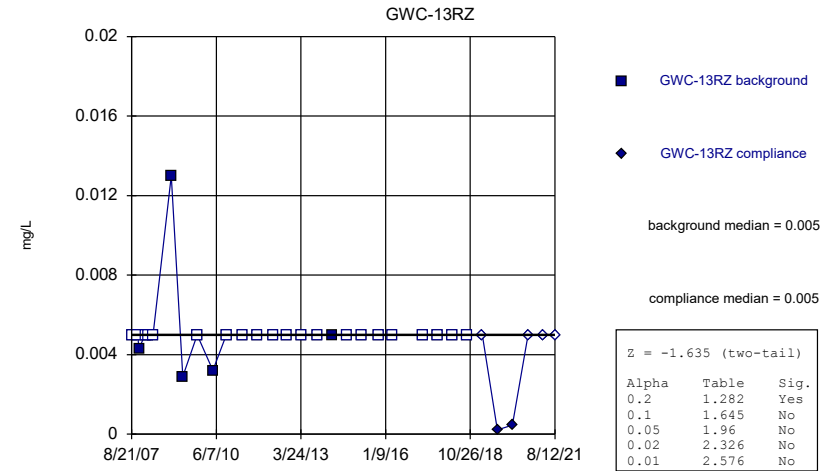
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



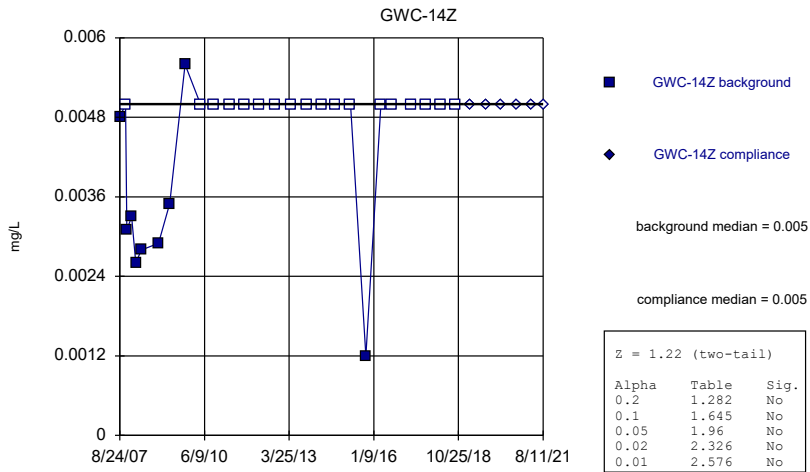
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



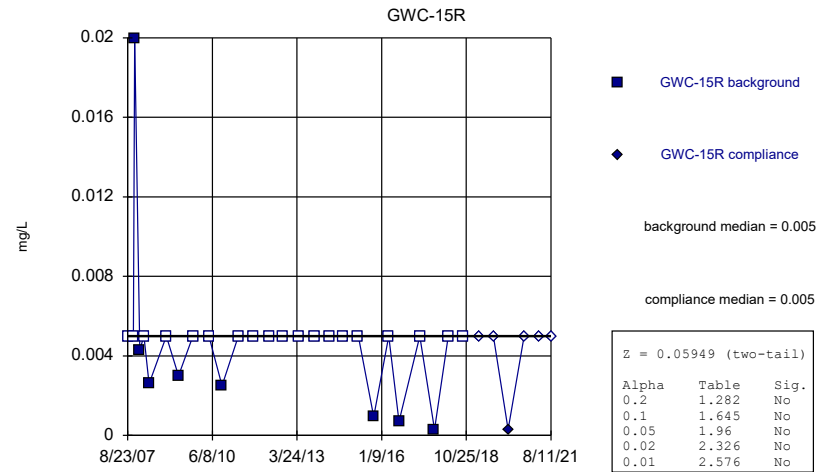
Constituent: Copper Analysis Run 4/1/2022 5:31 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



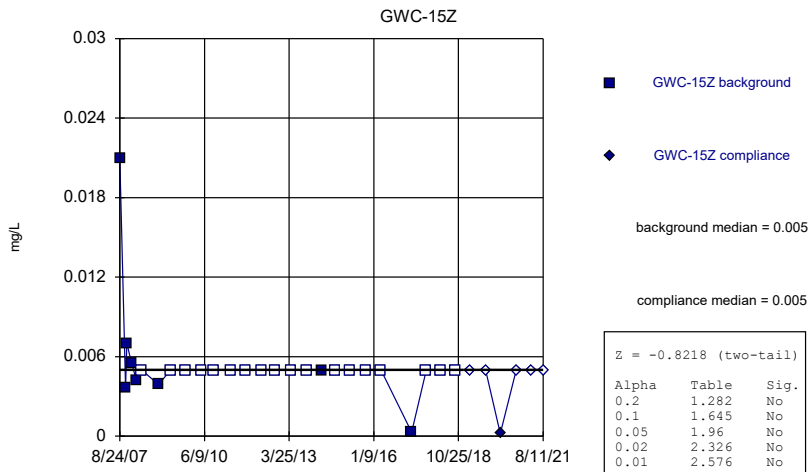
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



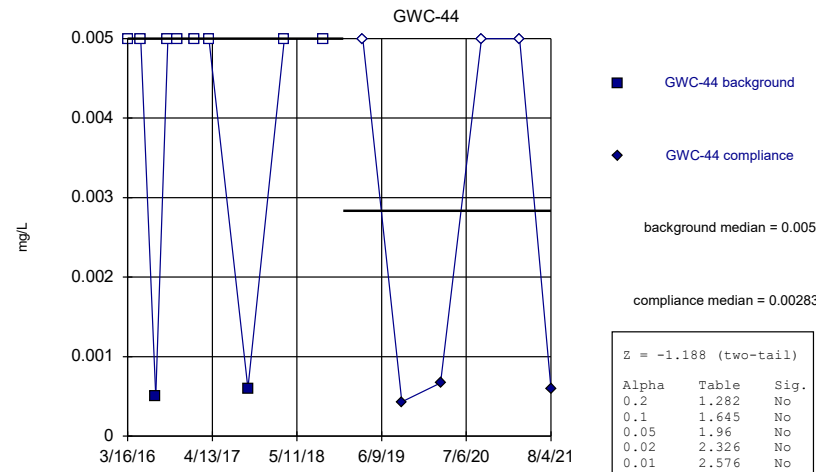
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



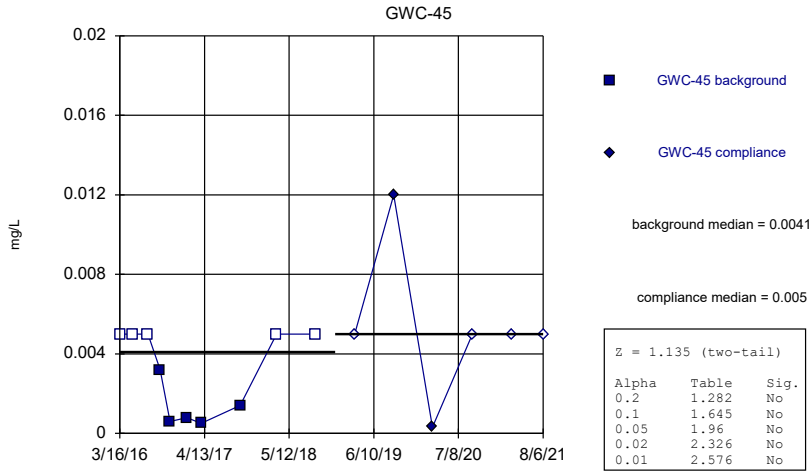
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



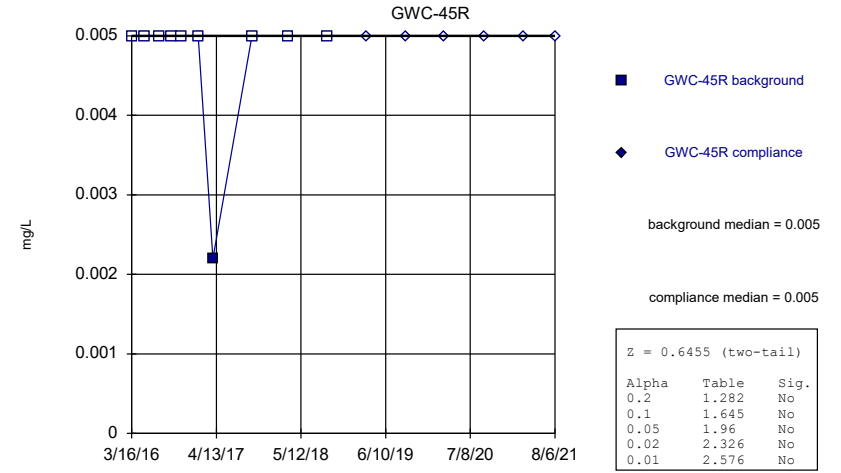
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



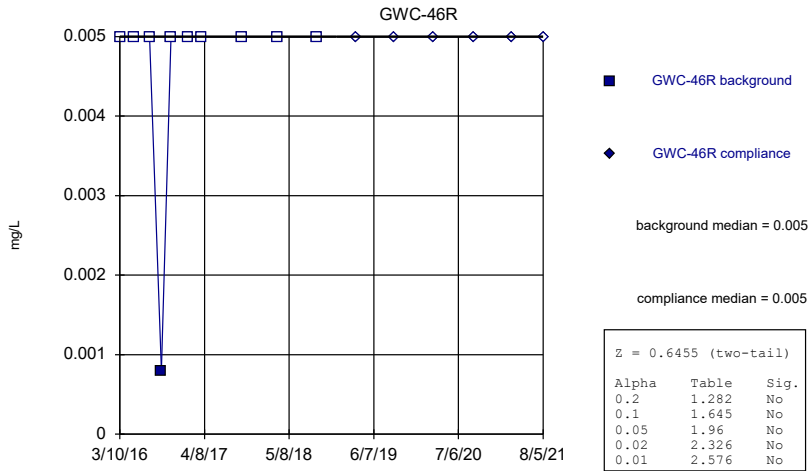
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



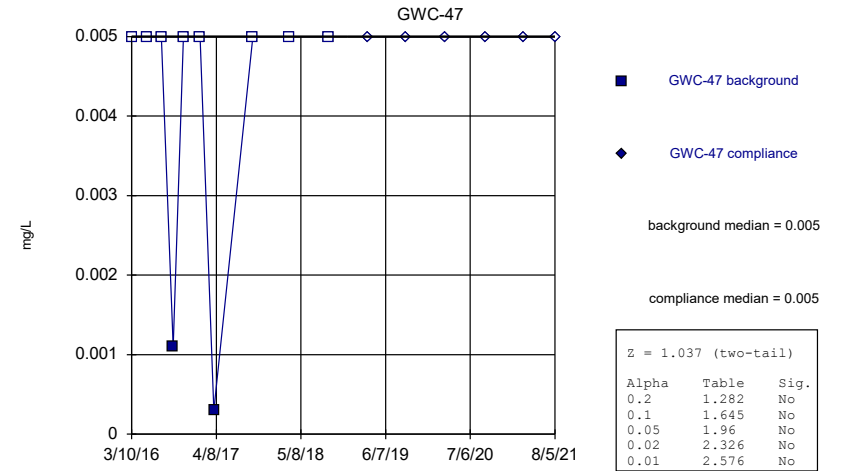
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



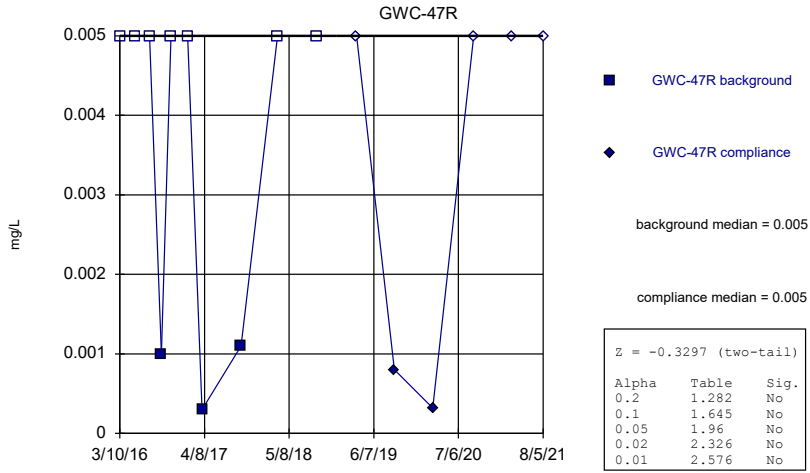
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



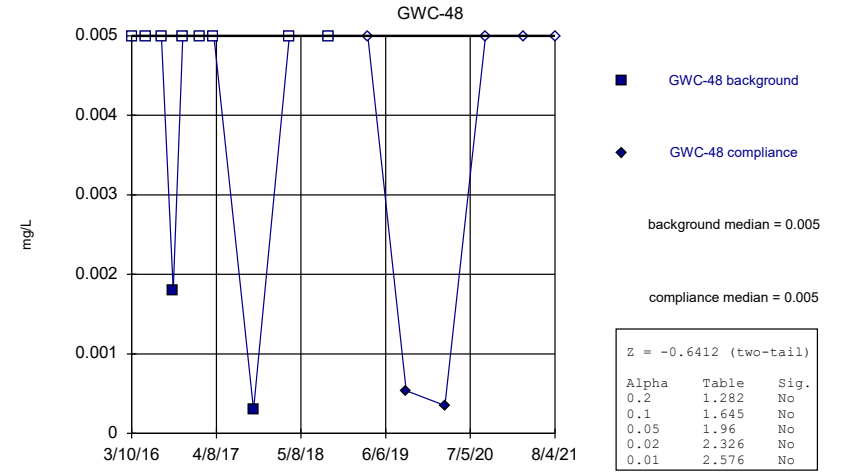
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



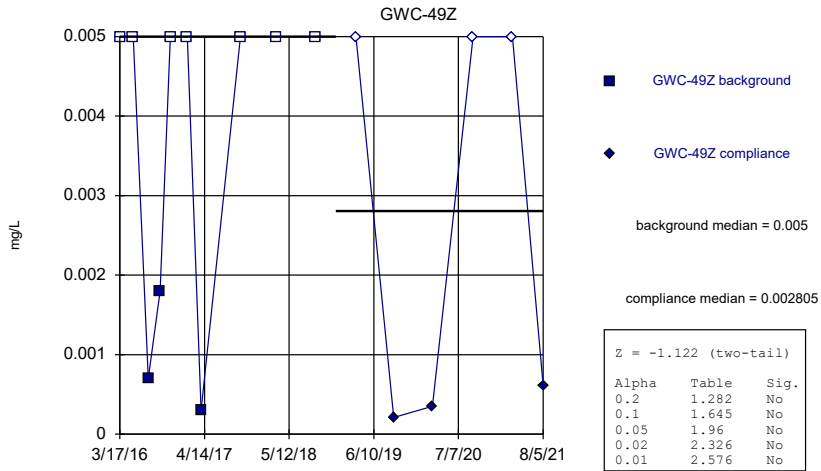
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



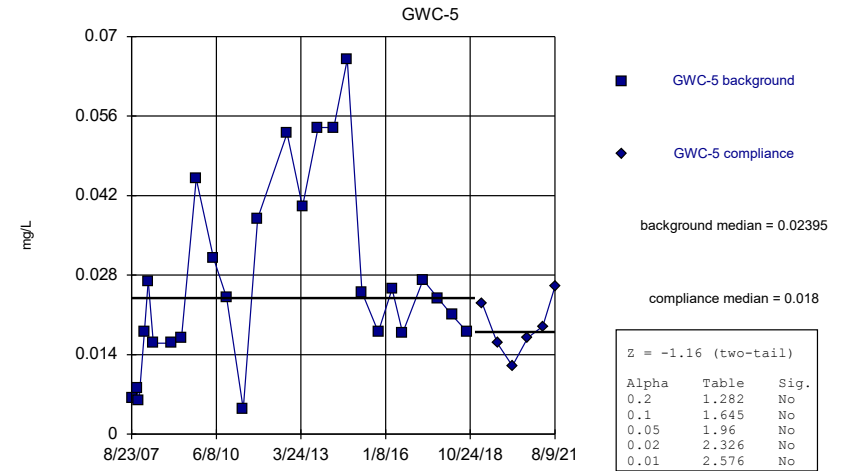
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



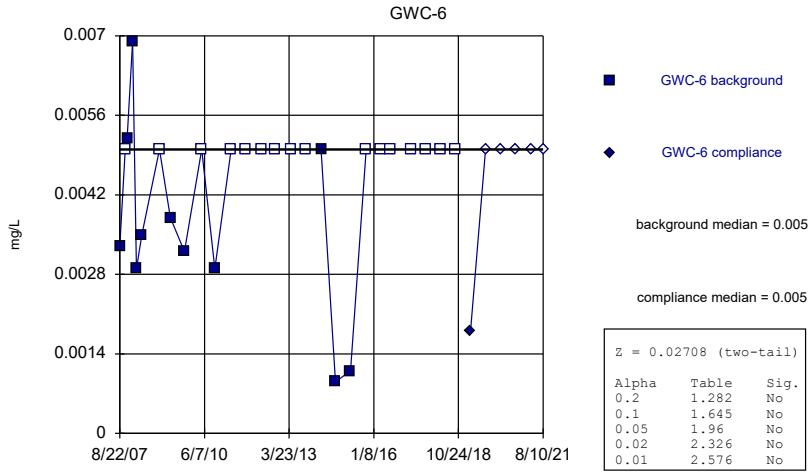
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



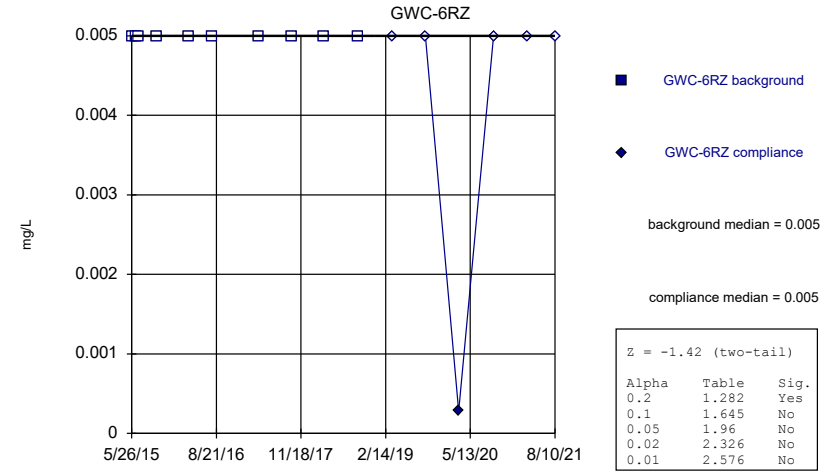
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



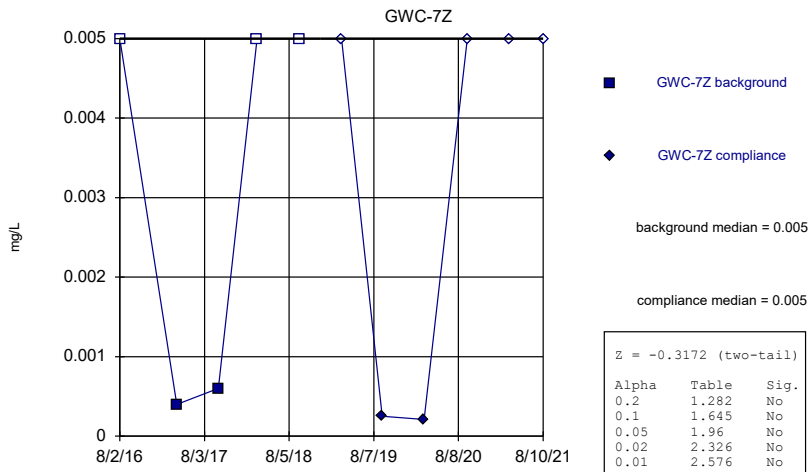
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



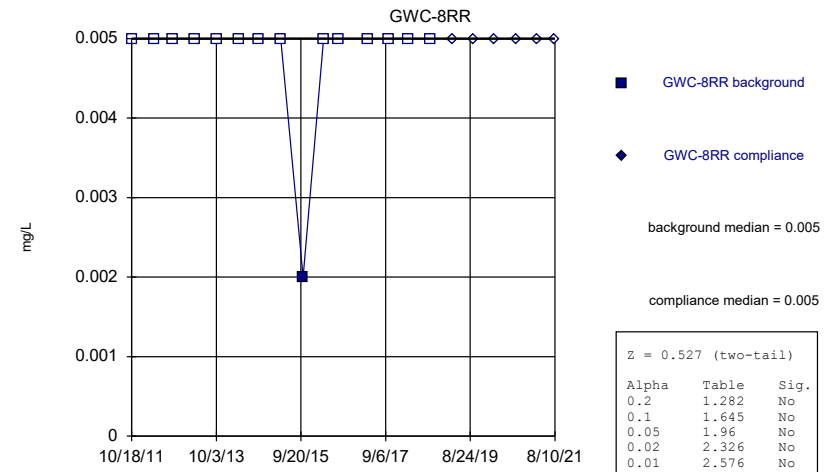
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

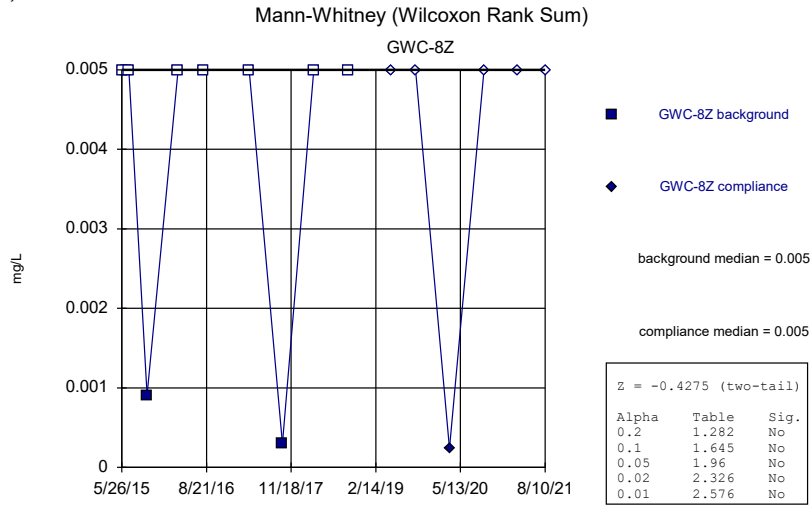


Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

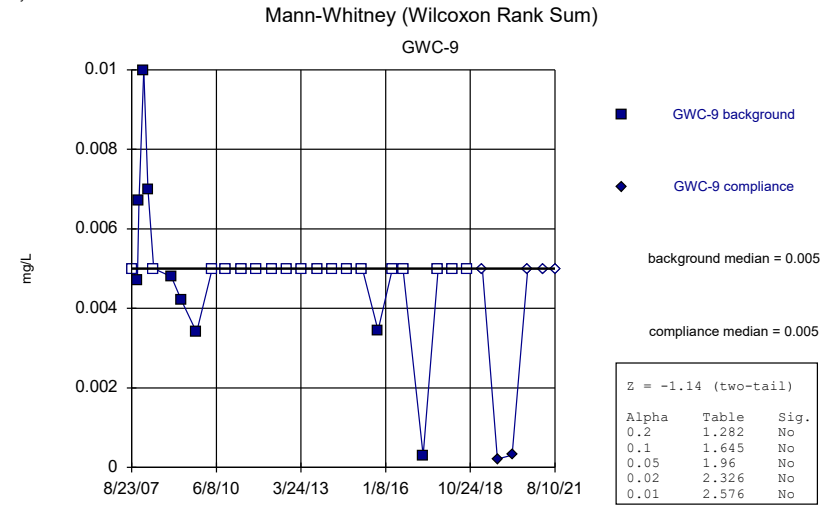
Mann-Whitney (Wilcoxon Rank Sum)



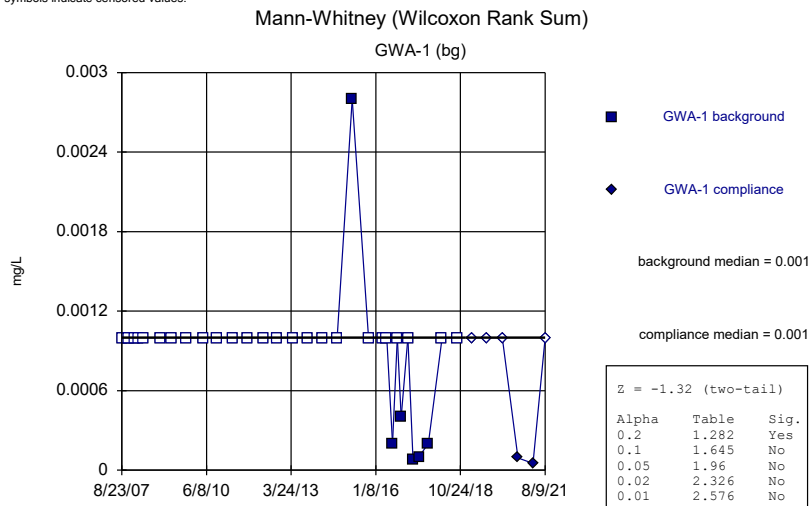
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



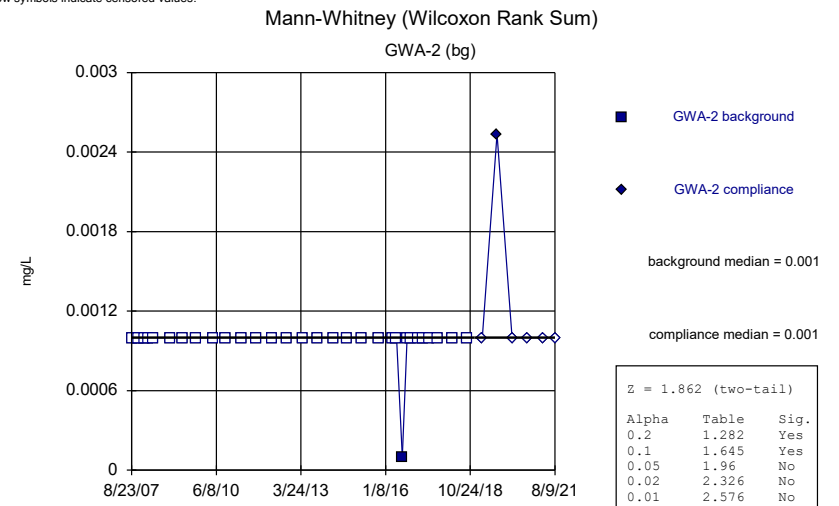
Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Copper Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



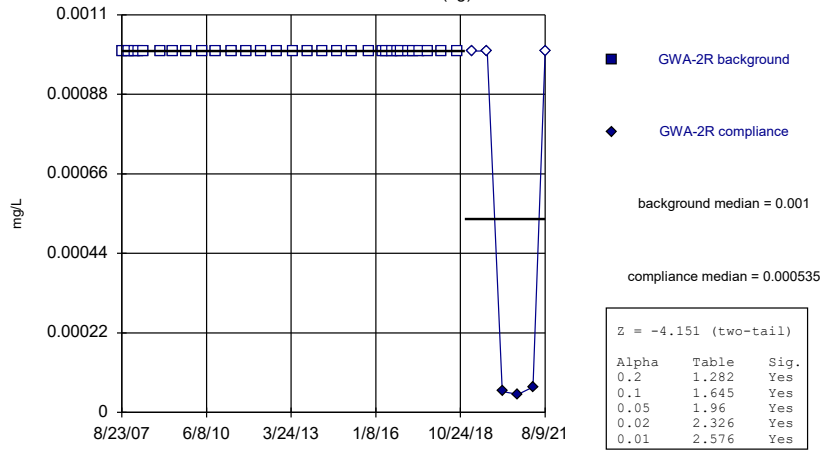
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

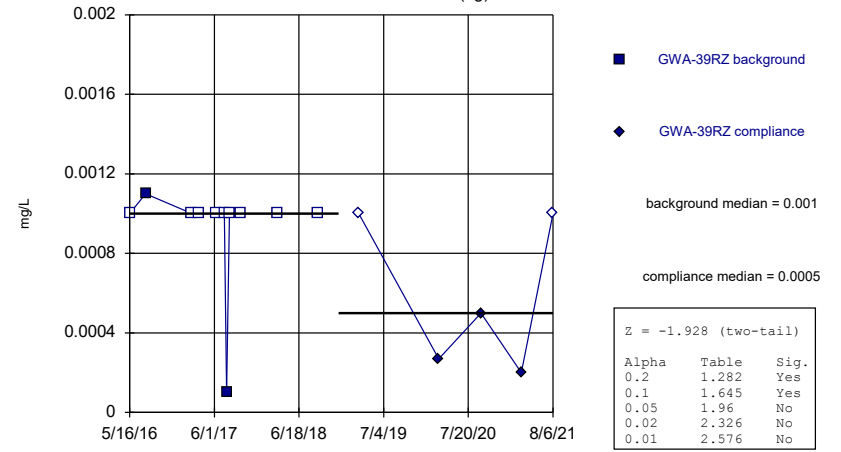
GWA-2R (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

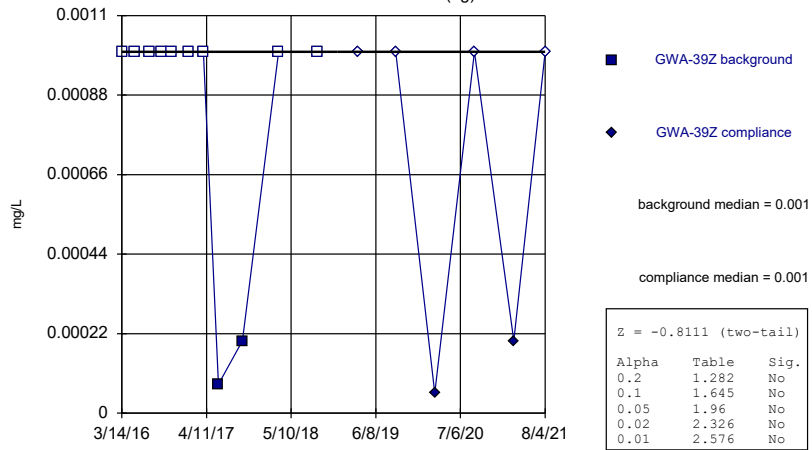
GWA-39RZ (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

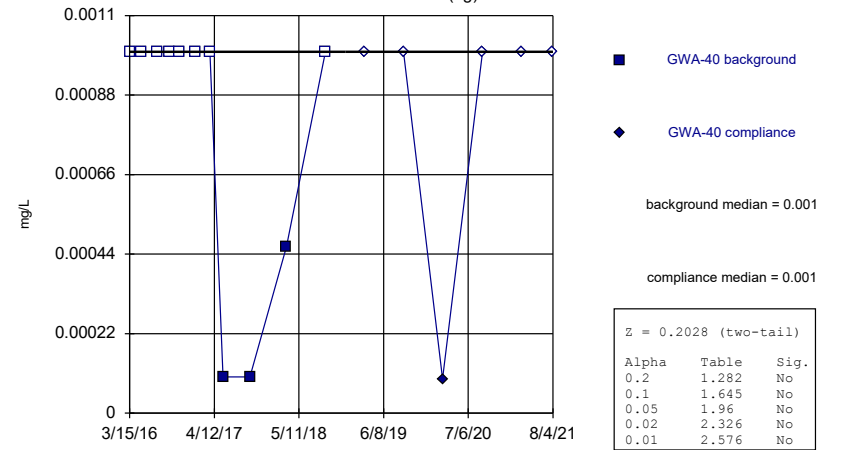
GWA-39Z (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

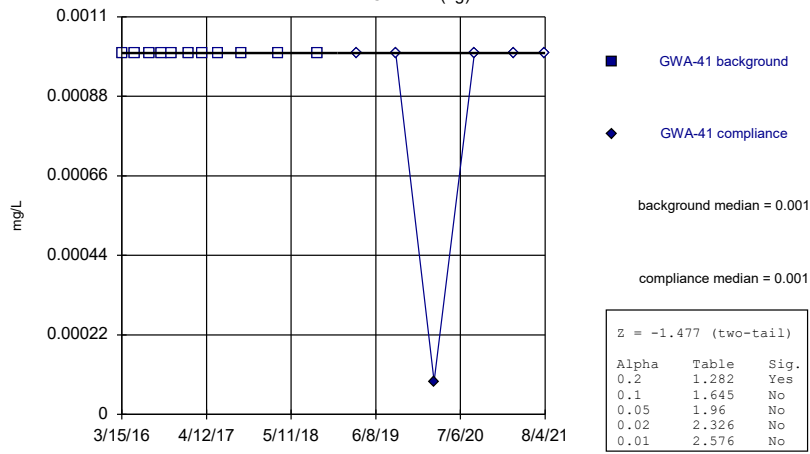
GWA-40 (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

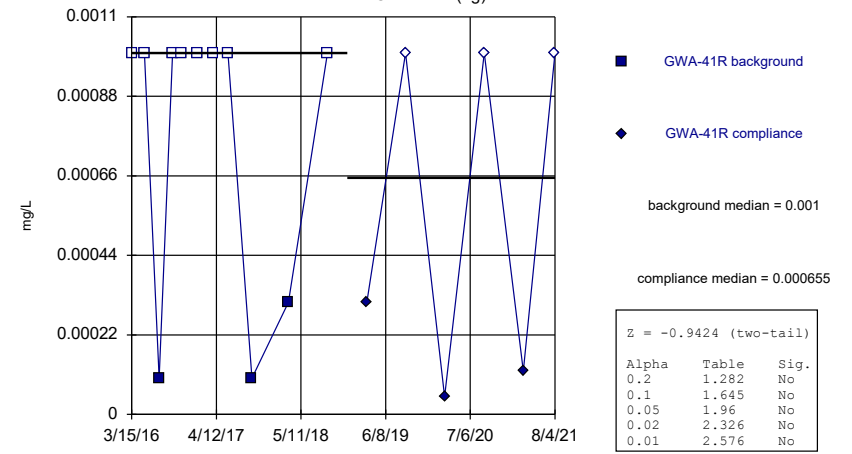
GWA-41 (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

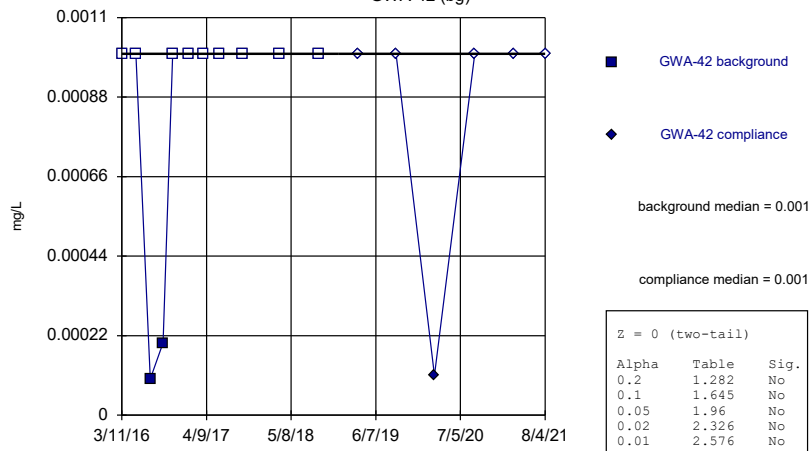
GWA-41R (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

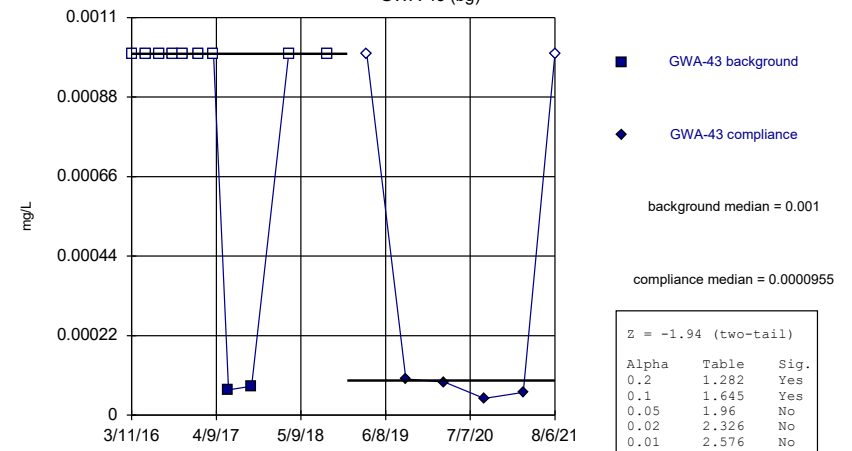
GWA-42 (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

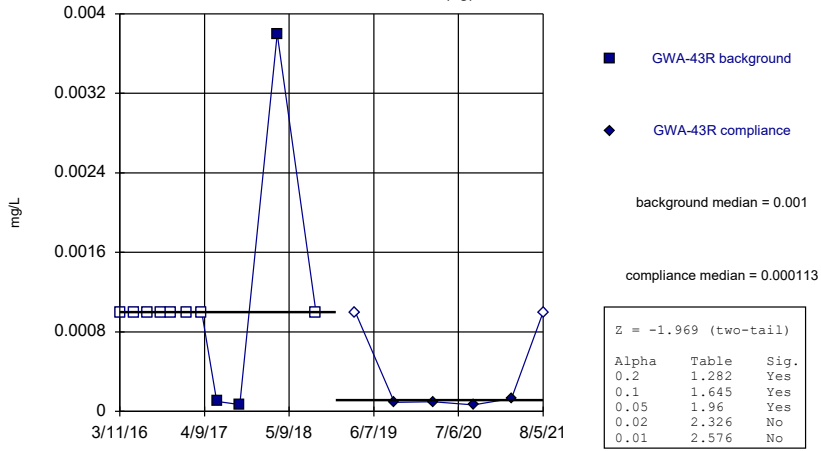
GWA-43 (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

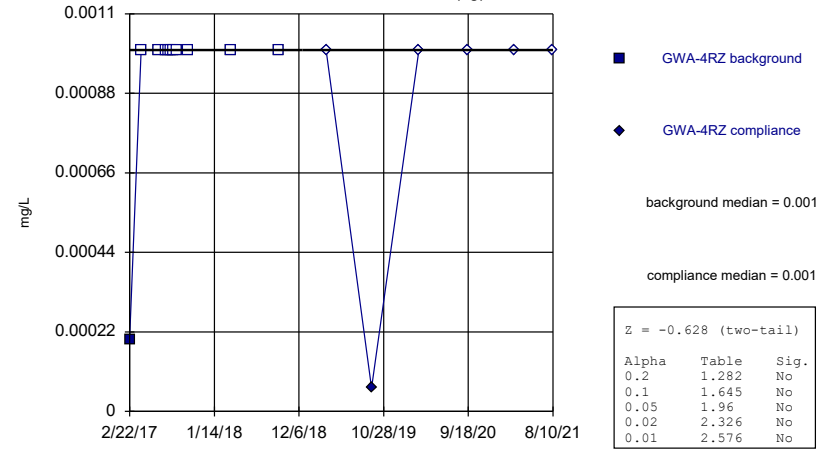
GWA-43R (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

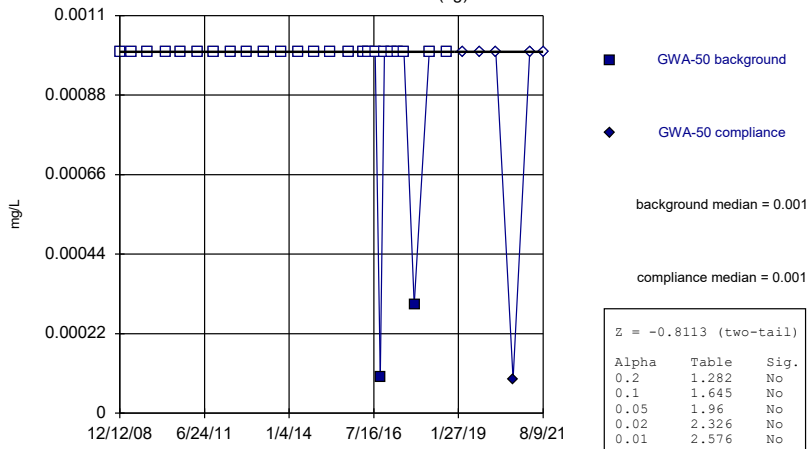
GWA-4RZ (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

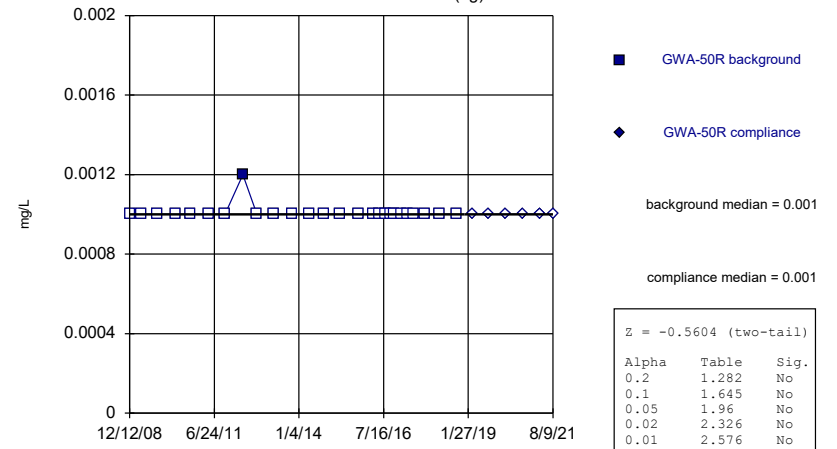
GWA-50 (bg)



Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

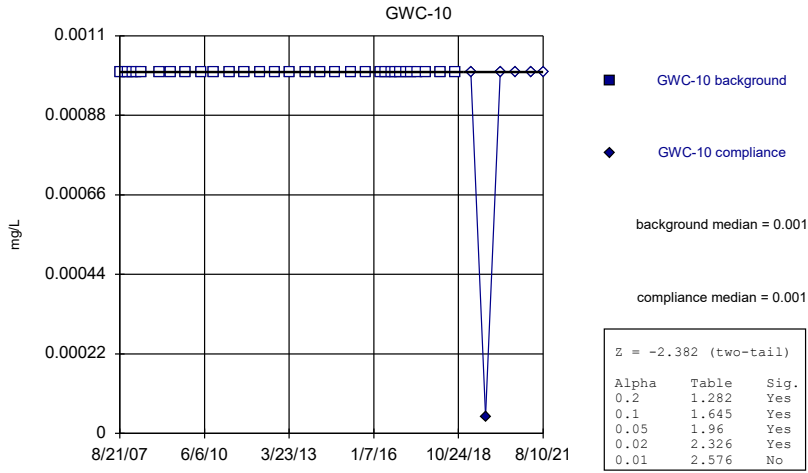
Mann-Whitney (Wilcoxon Rank Sum)

GWA-50R (bg)



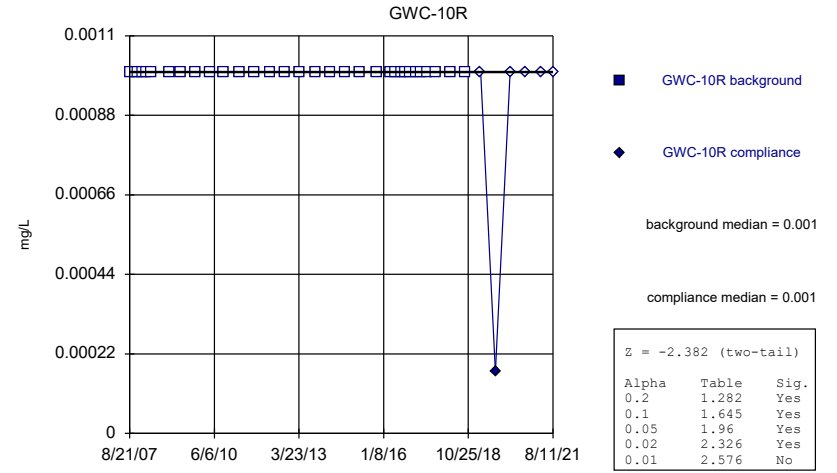
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



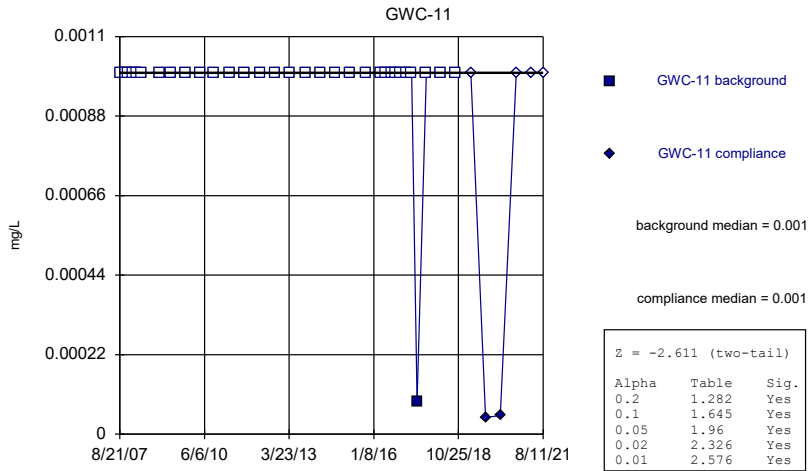
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



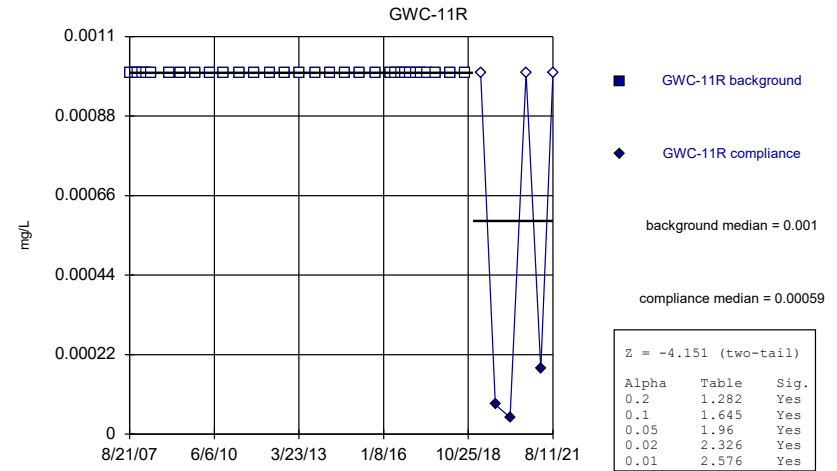
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



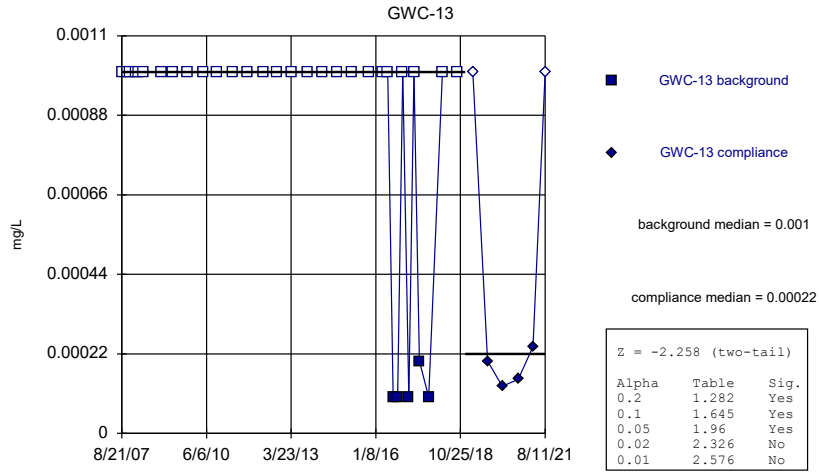
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



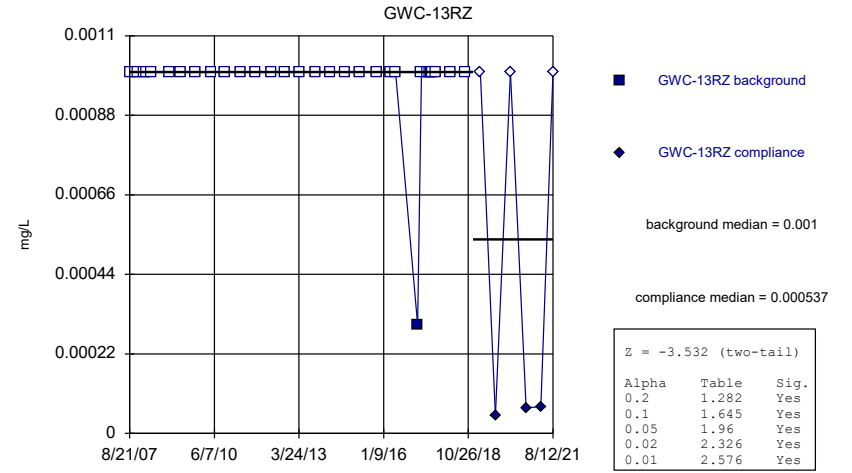
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



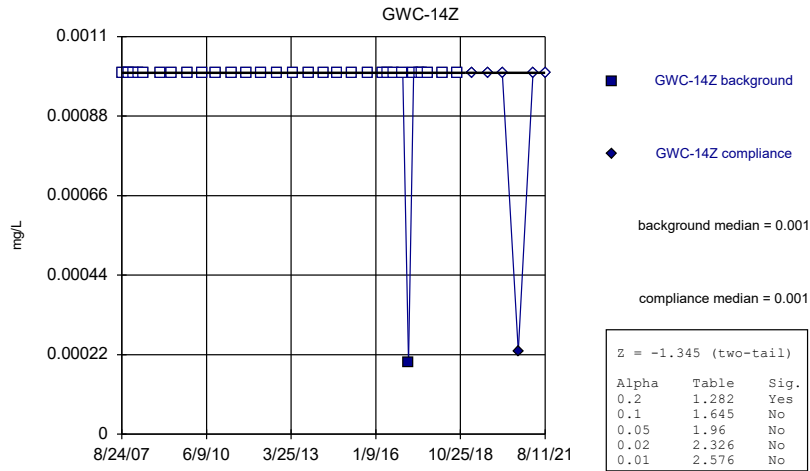
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



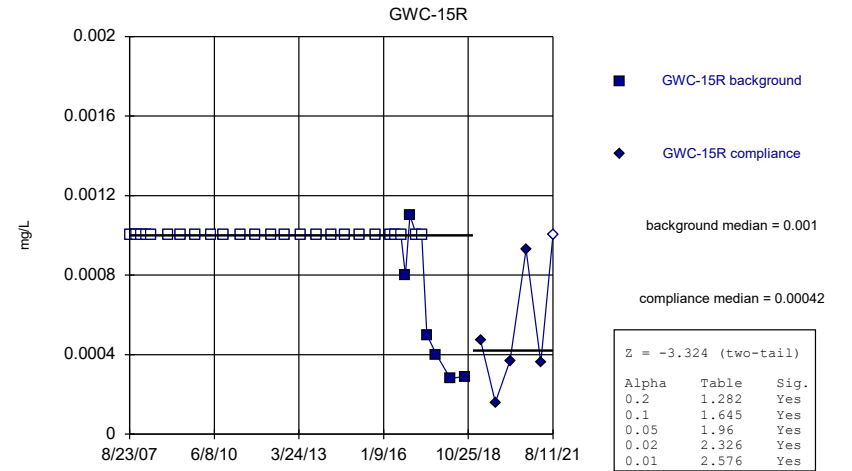
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



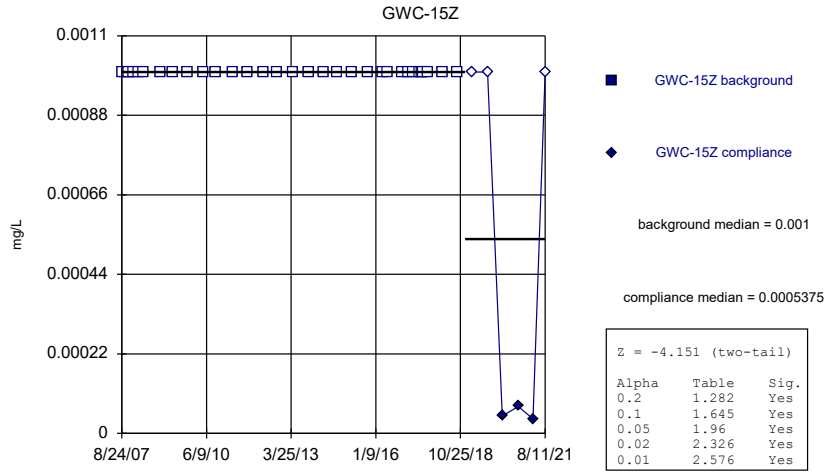
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



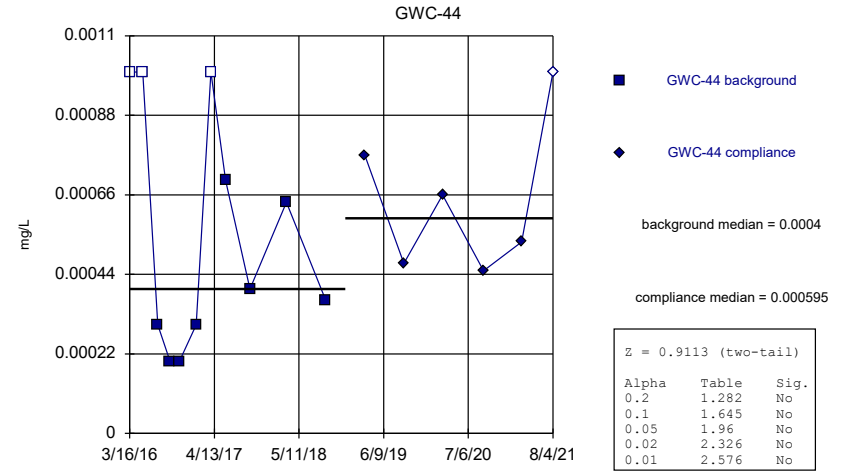
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



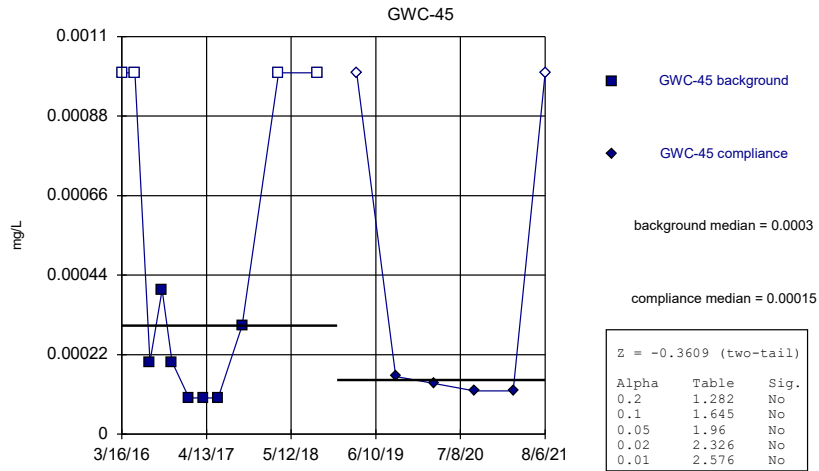
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



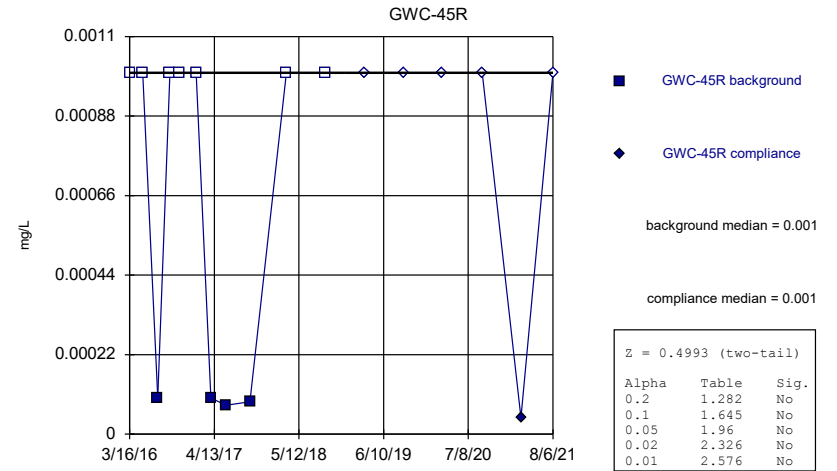
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



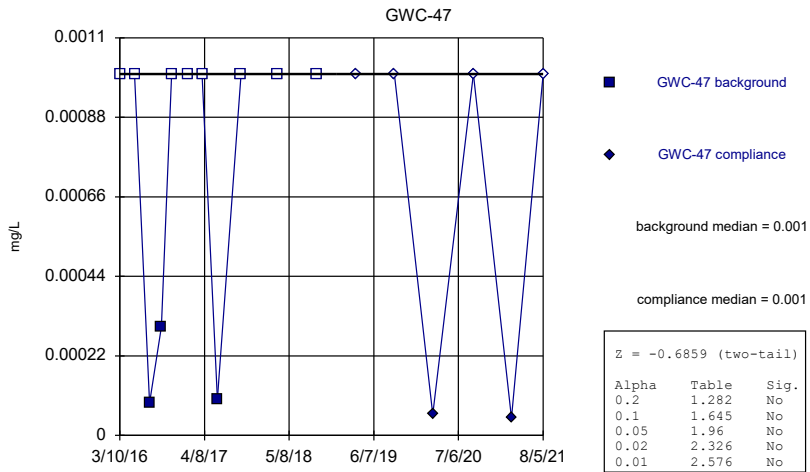
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



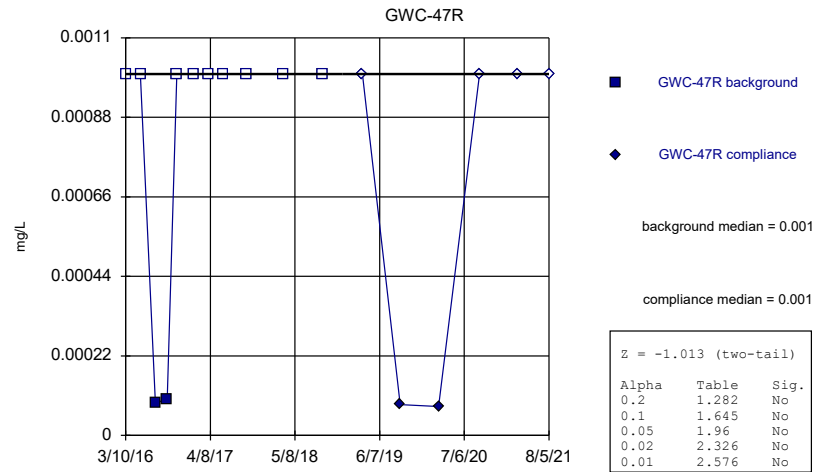
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



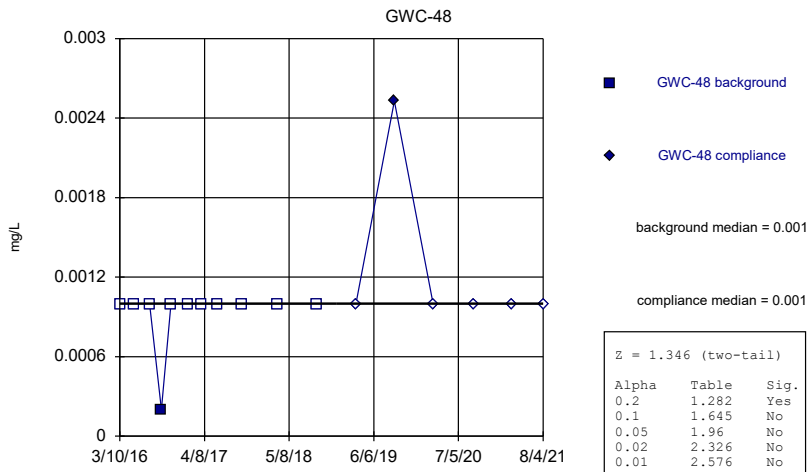
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



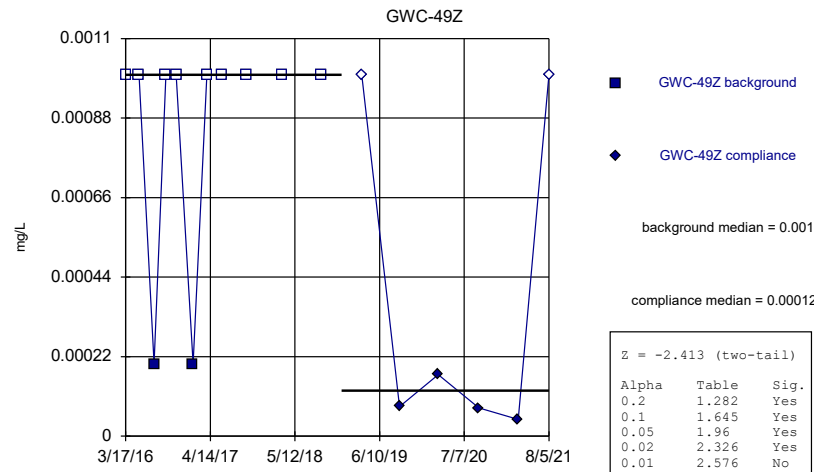
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



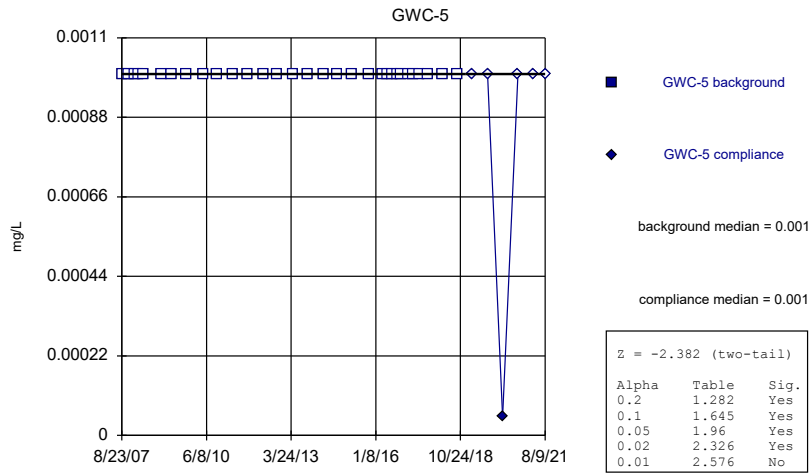
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



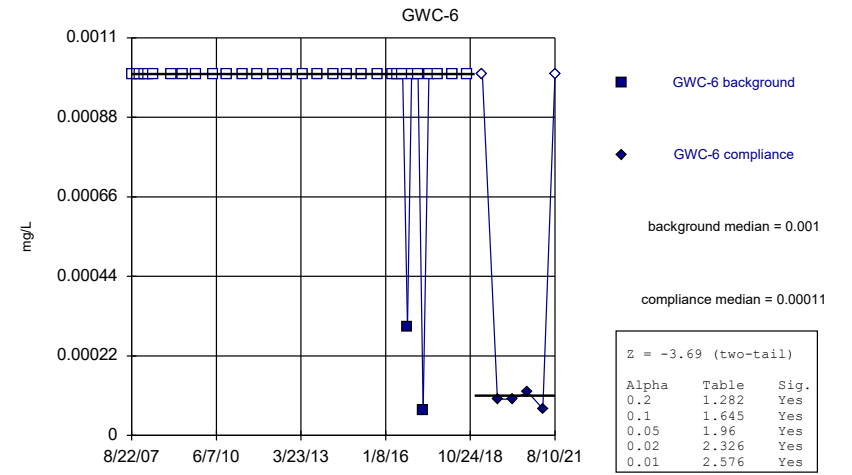
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



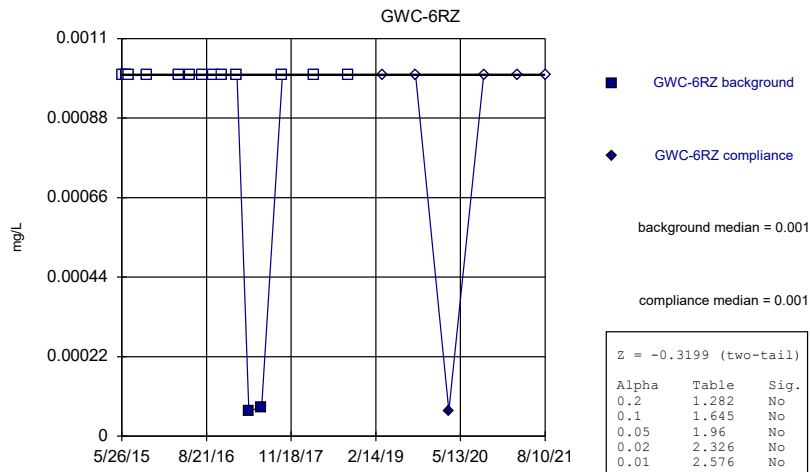
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



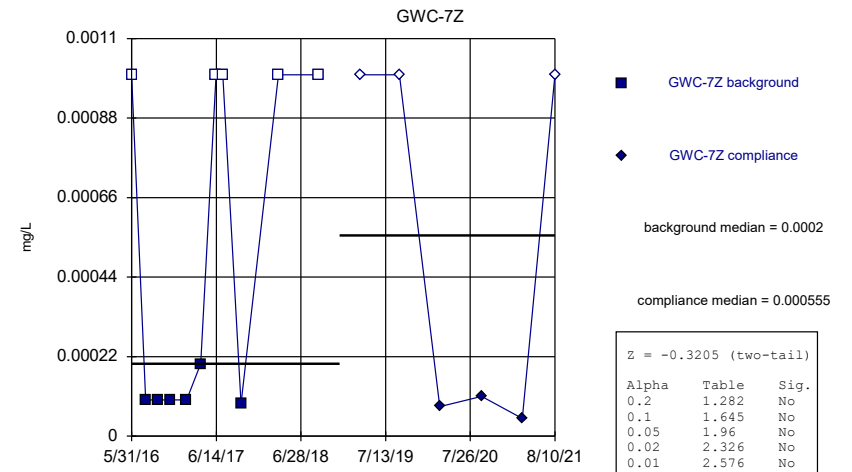
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



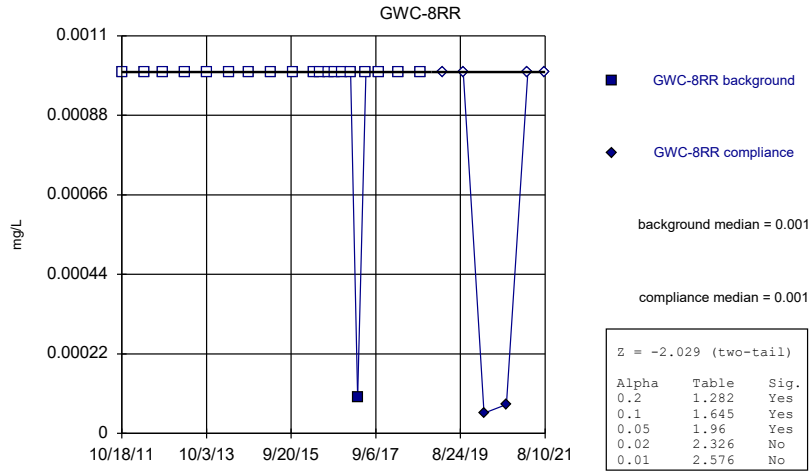
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



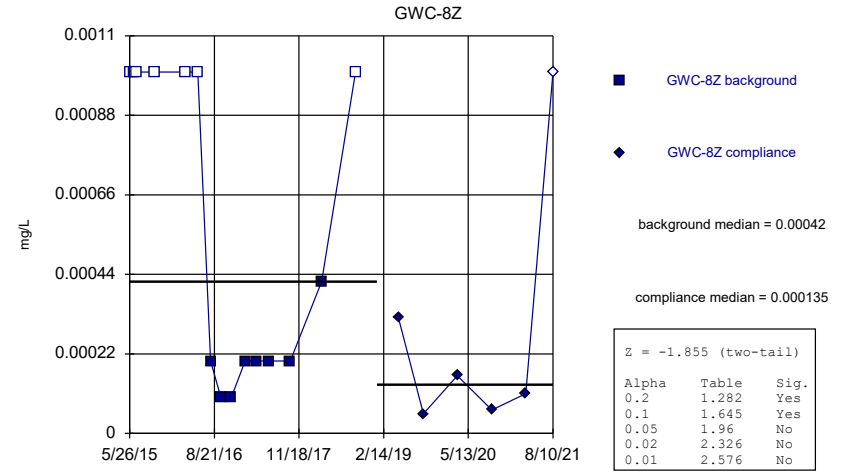
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



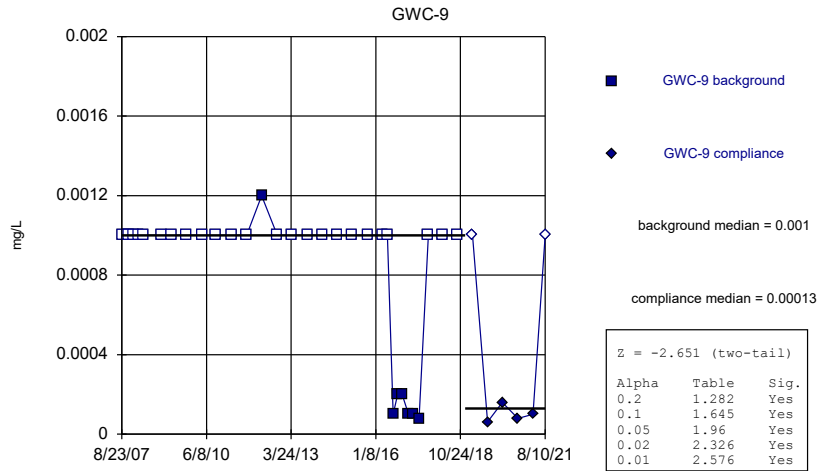
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



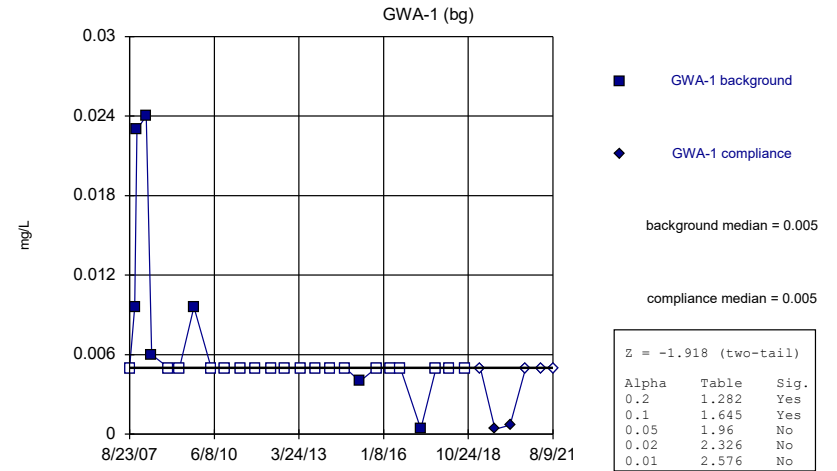
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



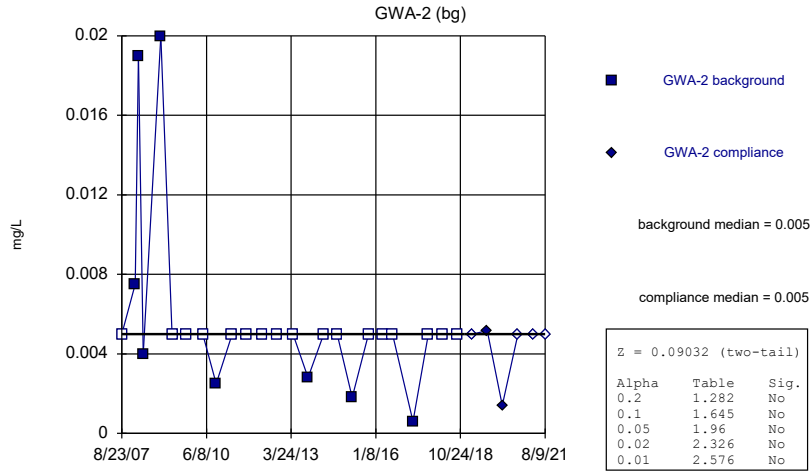
Constituent: Lead Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



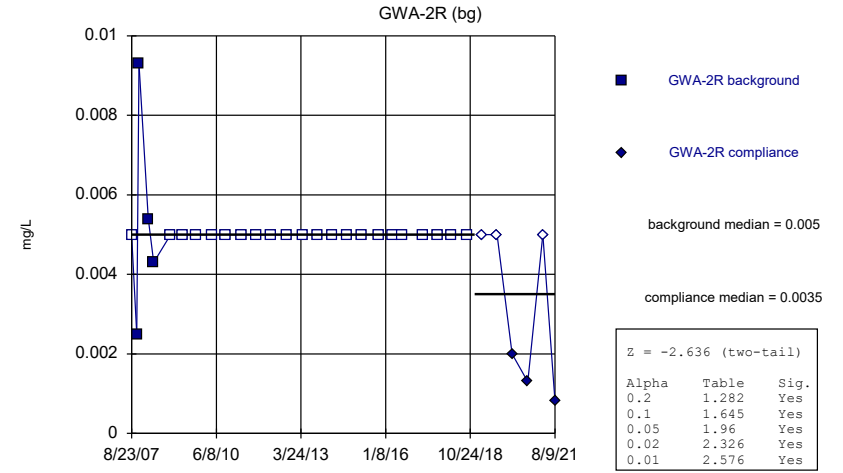
Constituent: Nickel Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



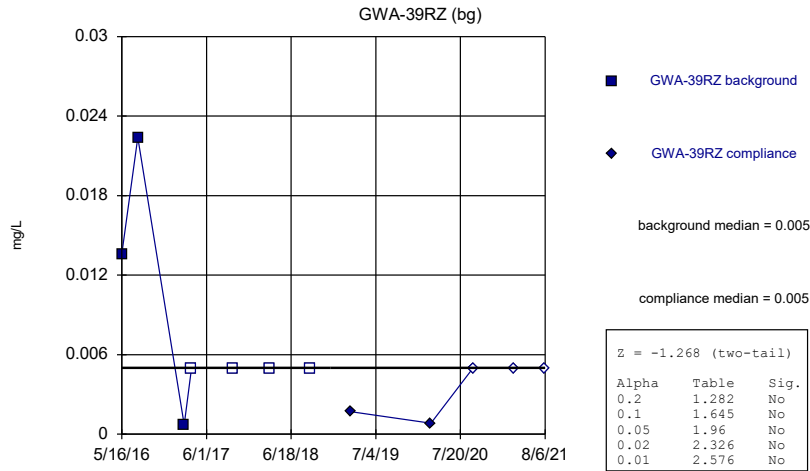
Constituent: Nickel Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



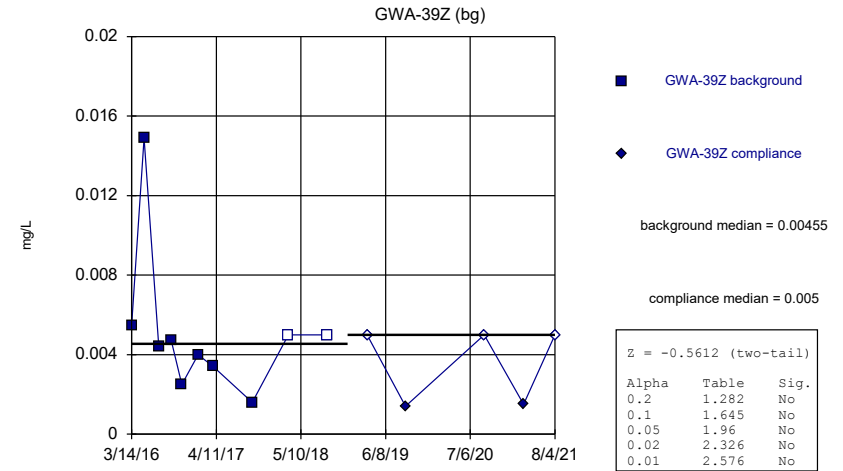
Constituent: Nickel Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



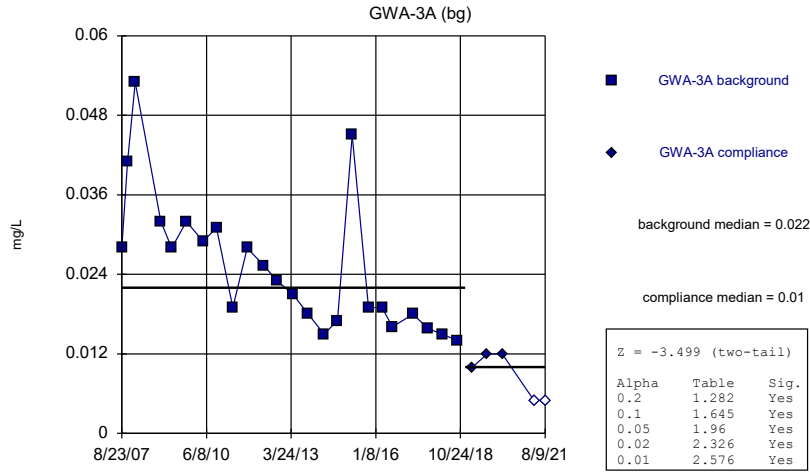
Constituent: Nickel Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



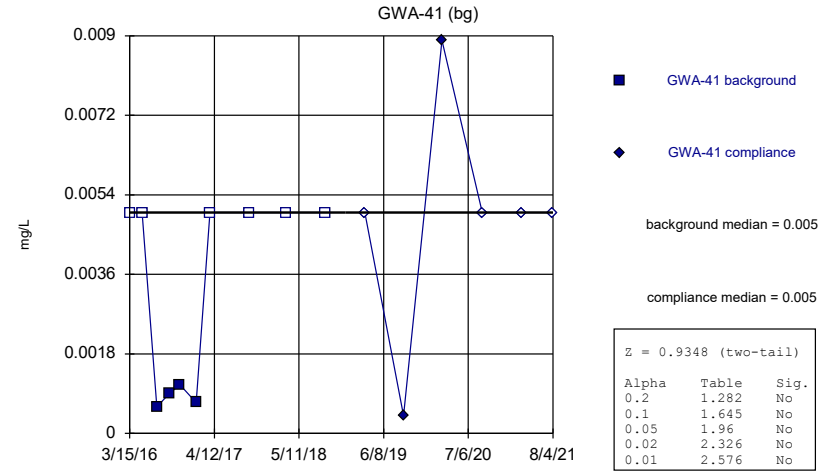
Constituent: Nickel Analysis Run 4/1/2022 5:32 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



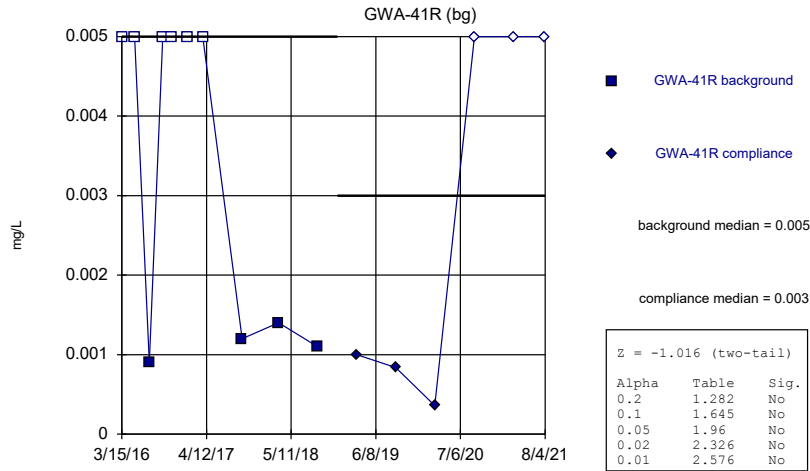
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



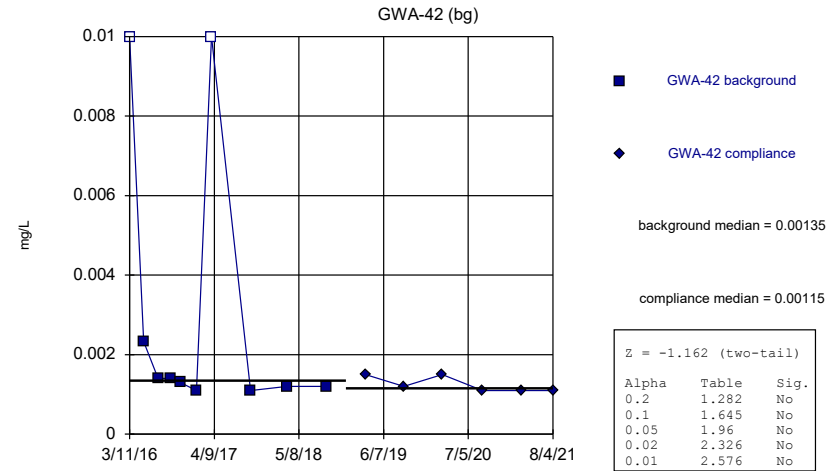
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



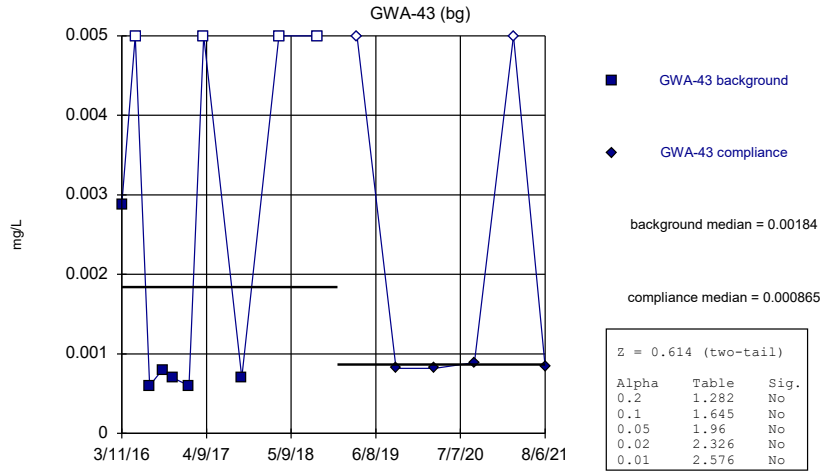
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



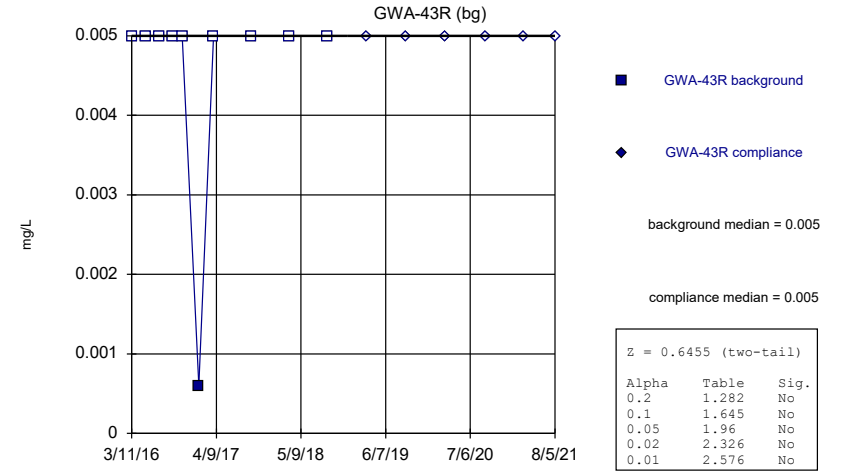
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



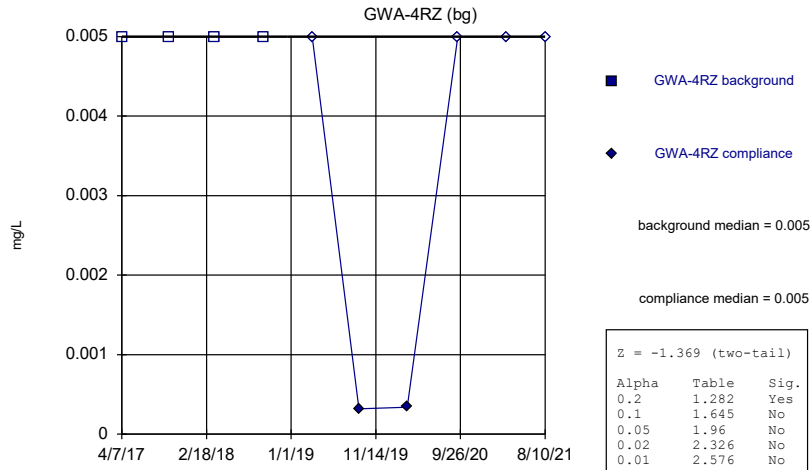
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



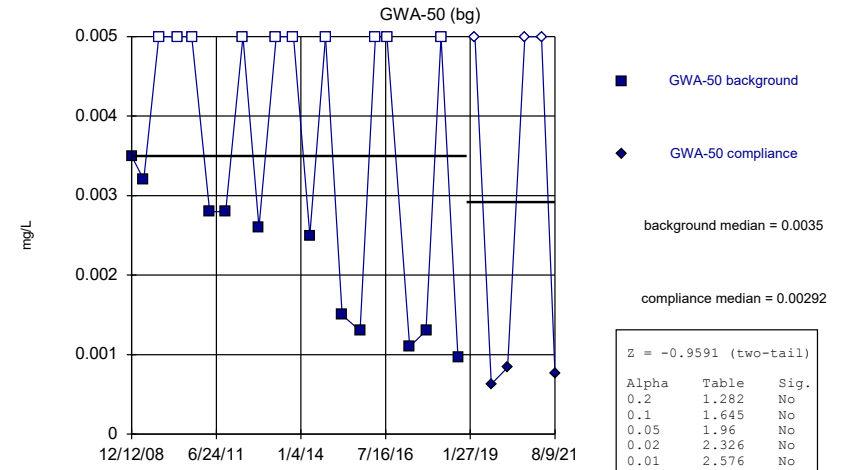
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



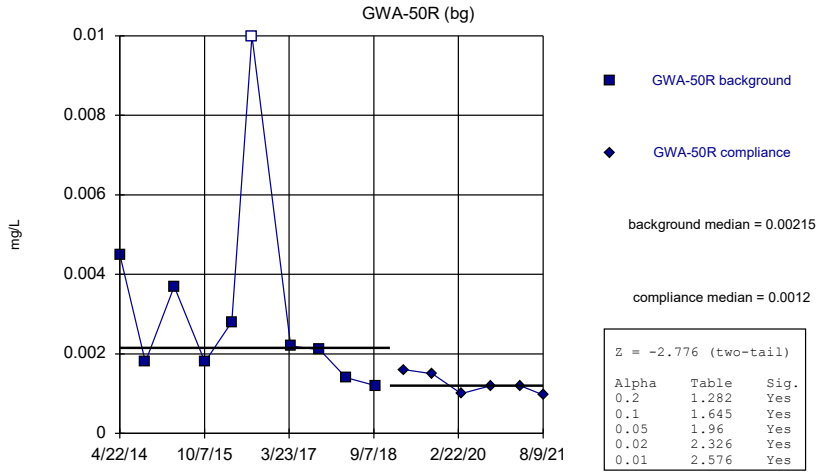
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



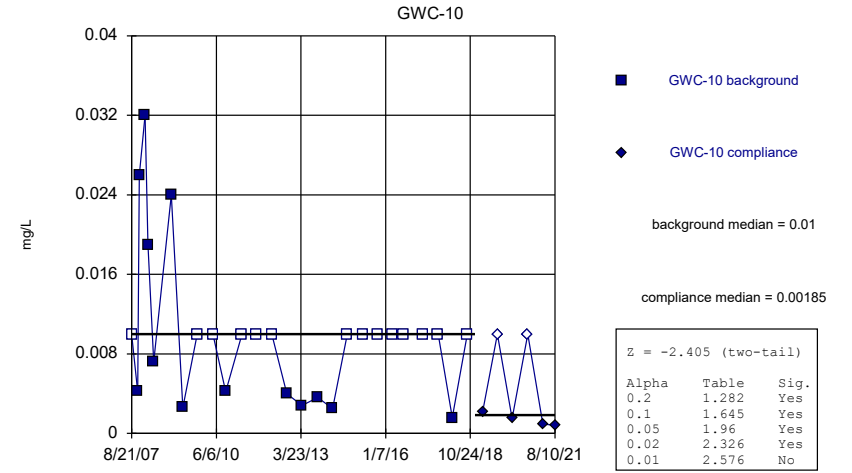
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



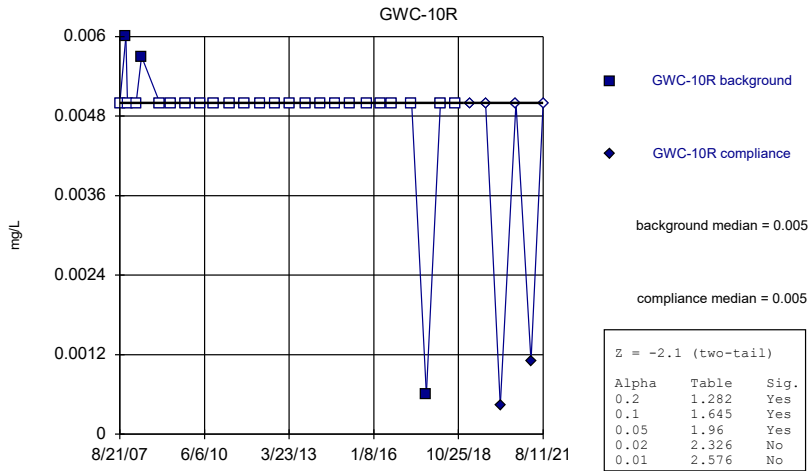
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



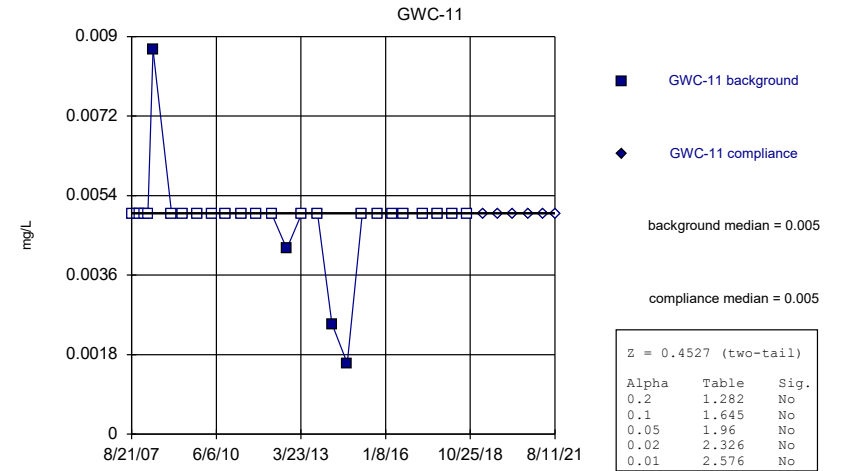
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



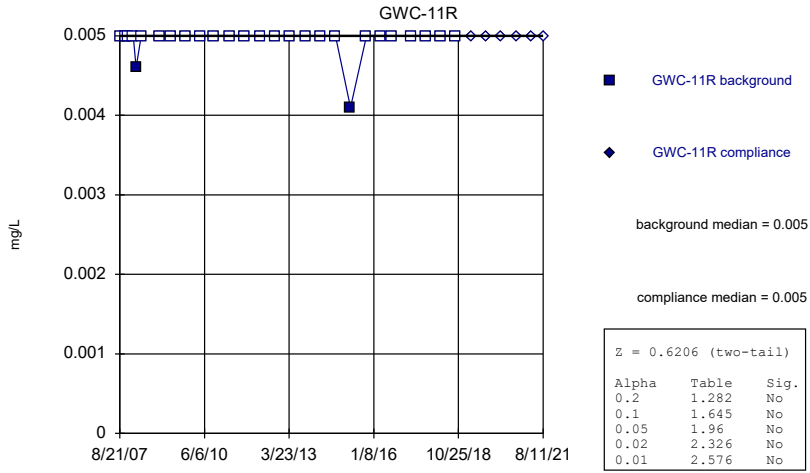
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



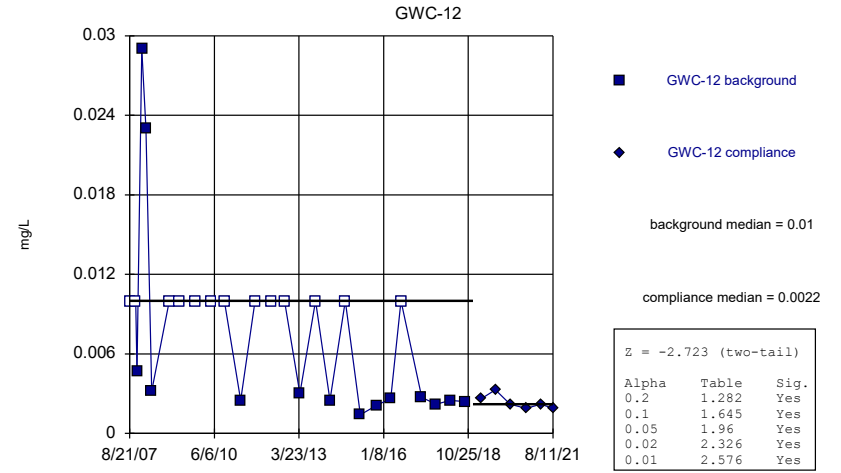
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



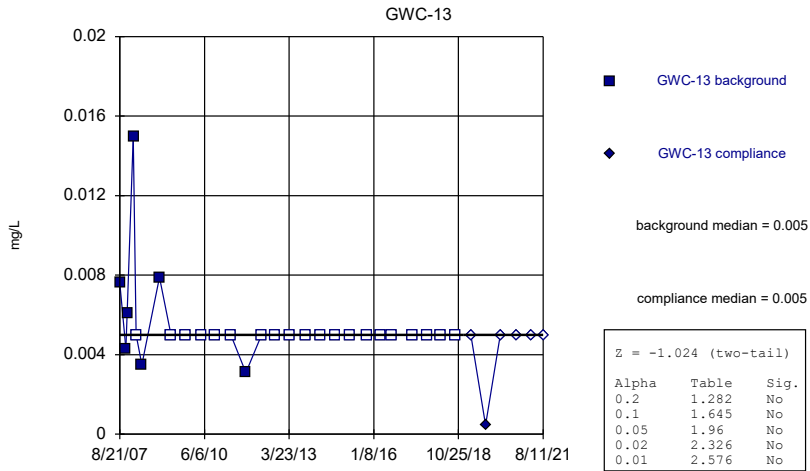
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



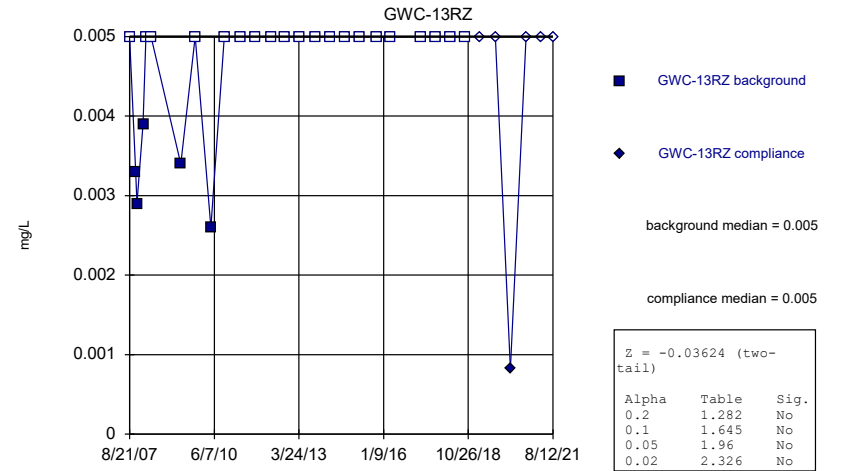
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



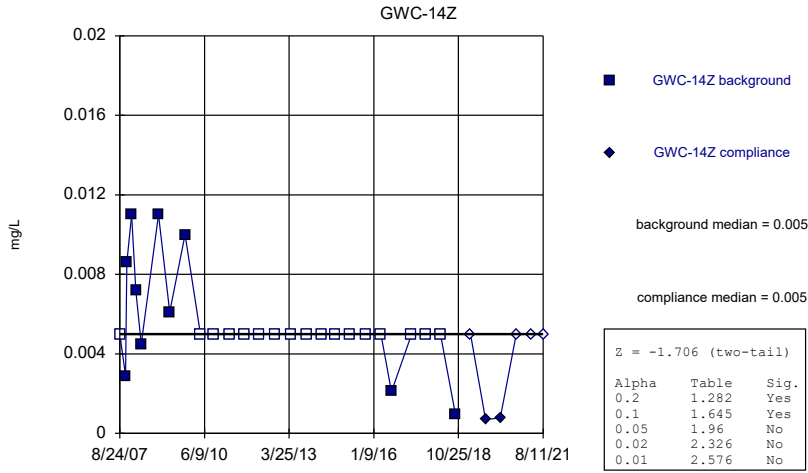
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



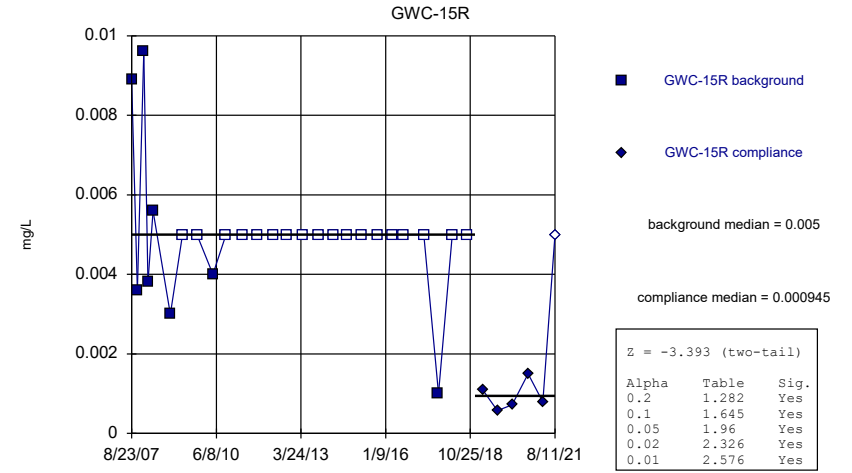
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



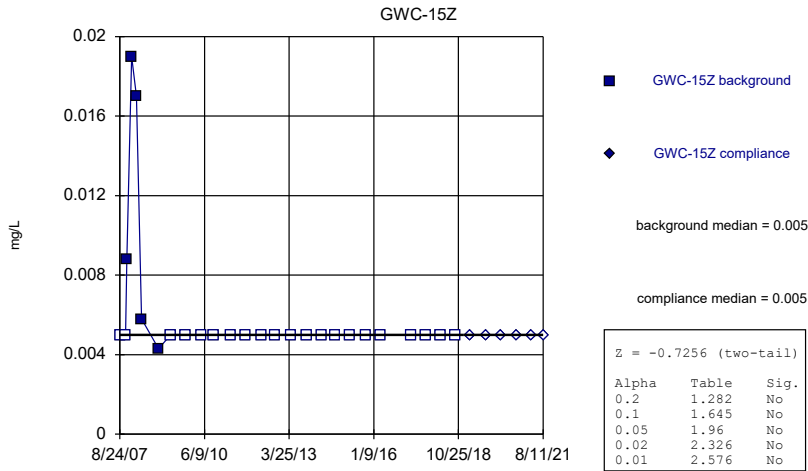
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



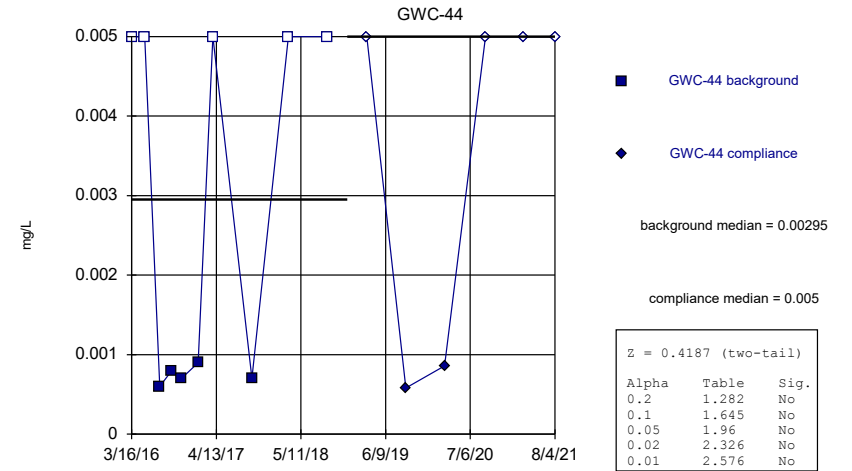
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



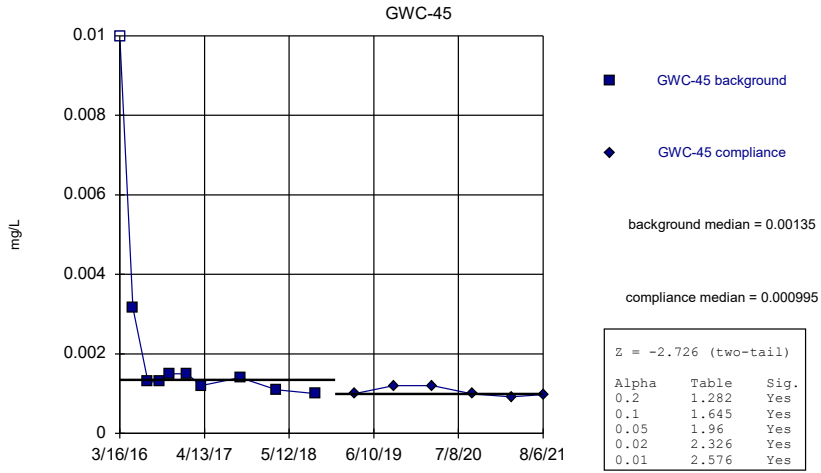
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



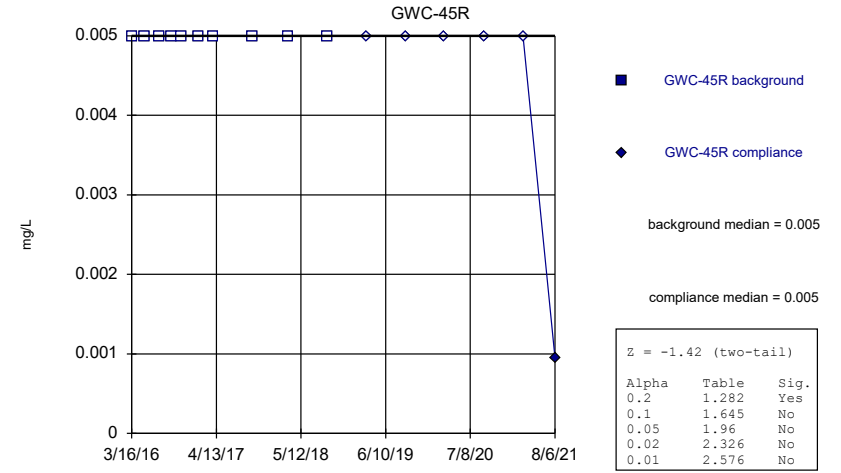
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



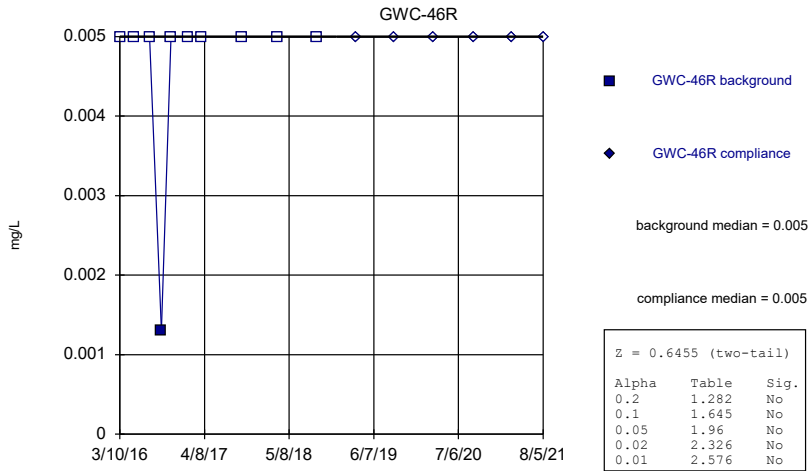
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



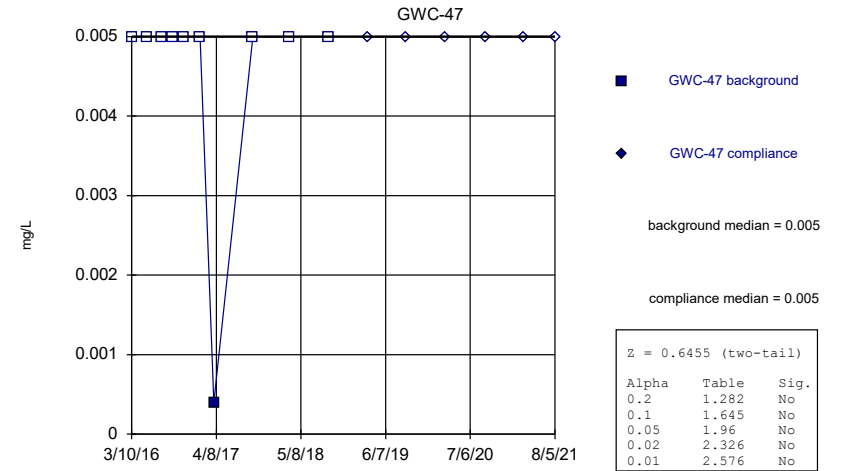
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



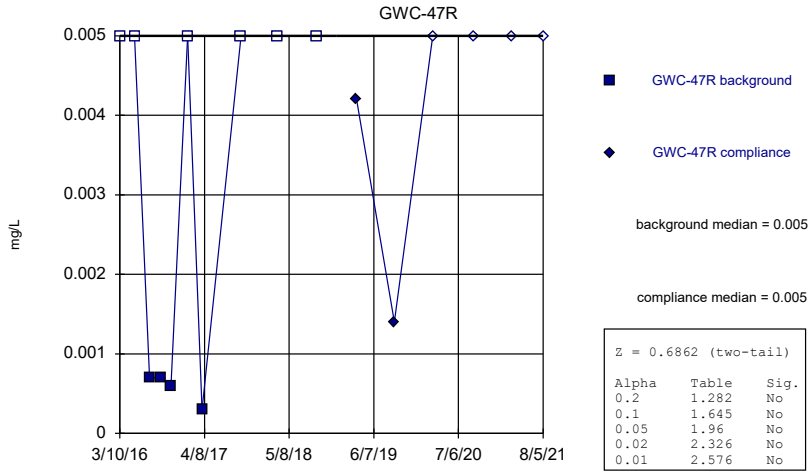
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



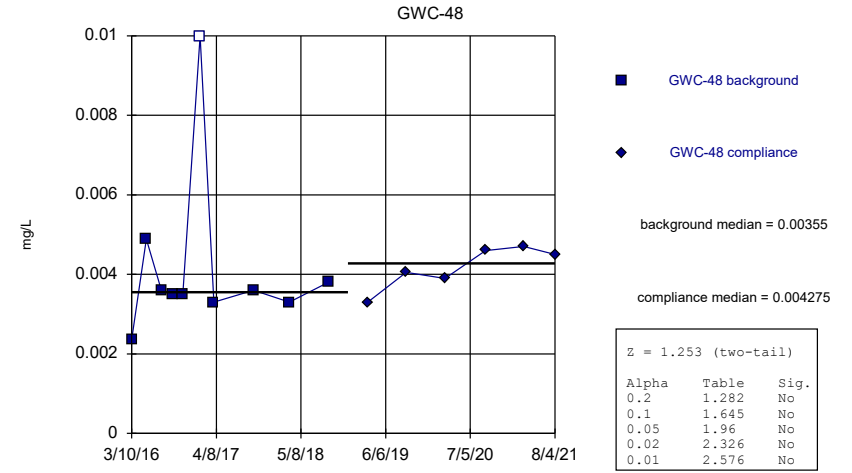
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



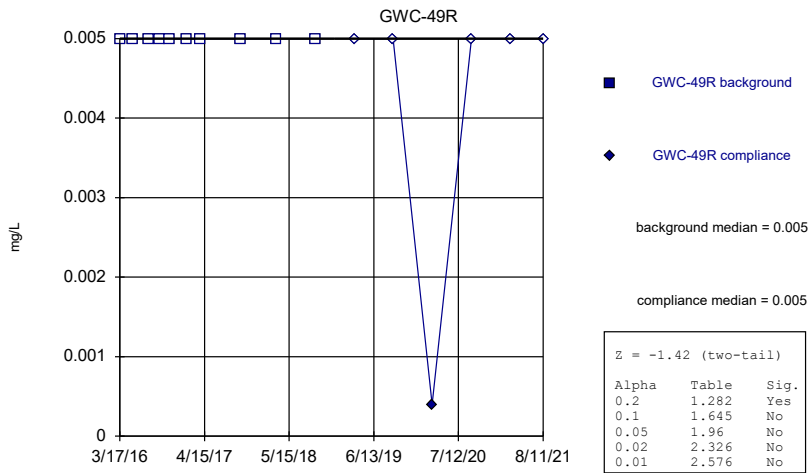
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



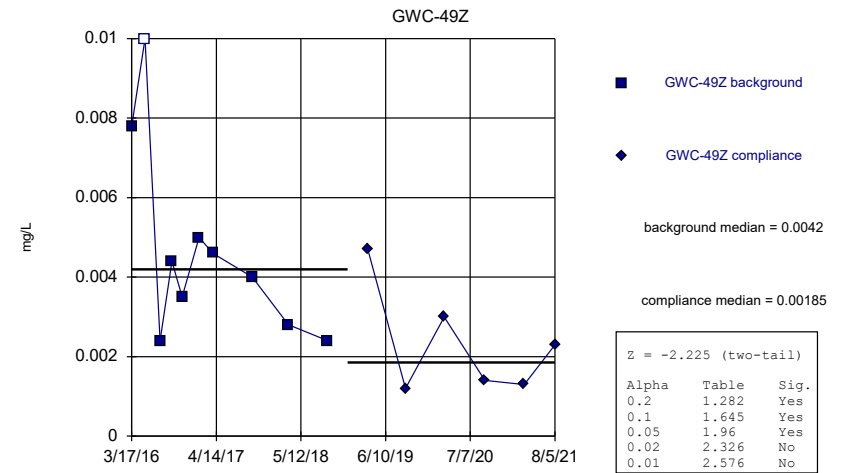
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



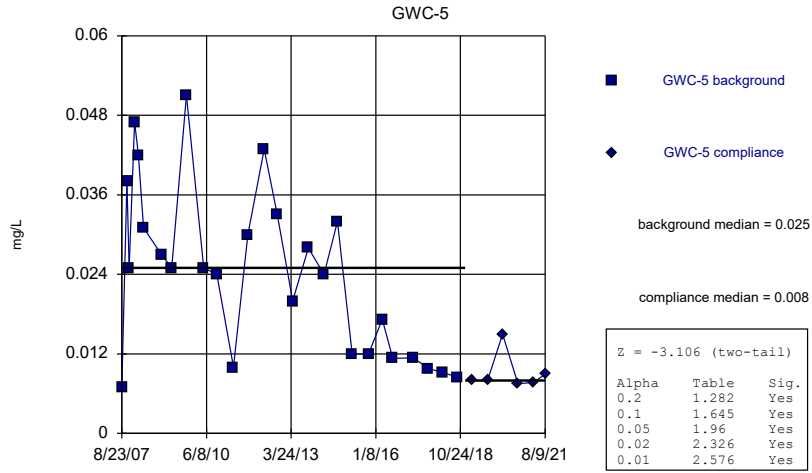
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



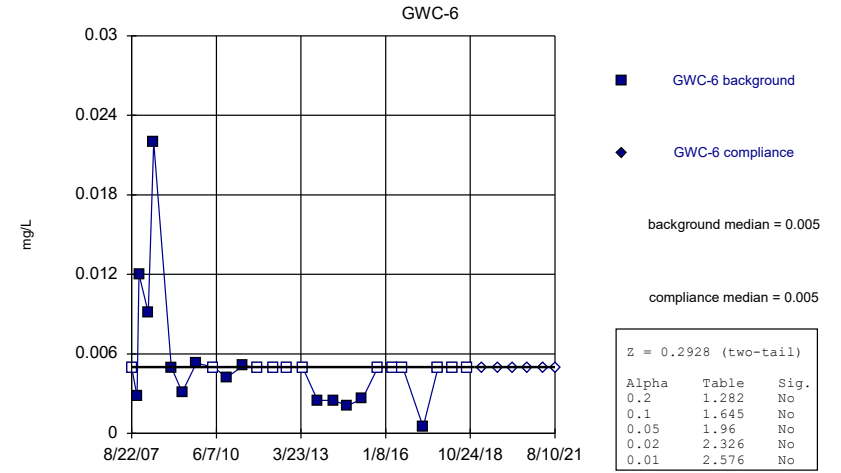
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



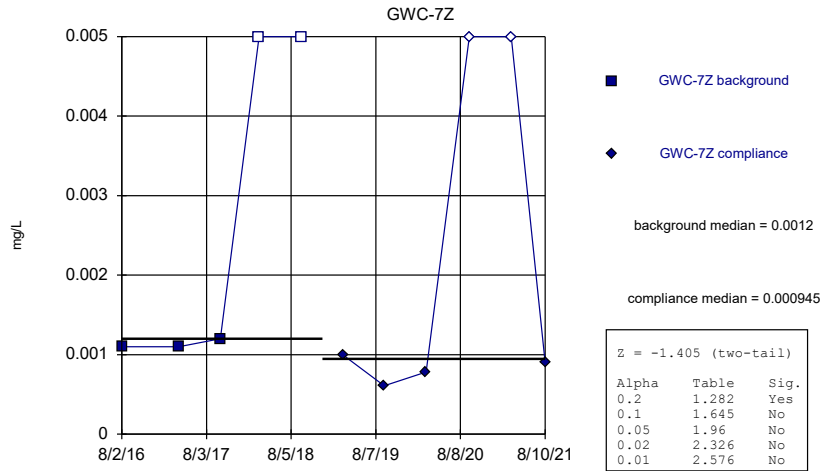
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



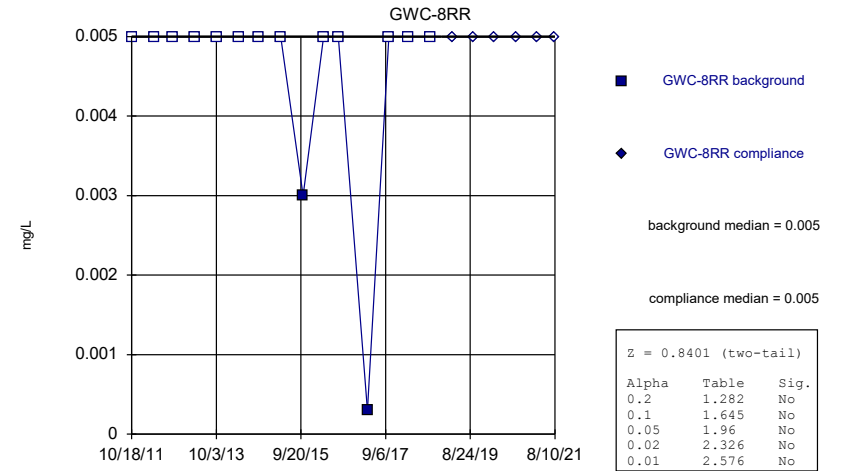
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

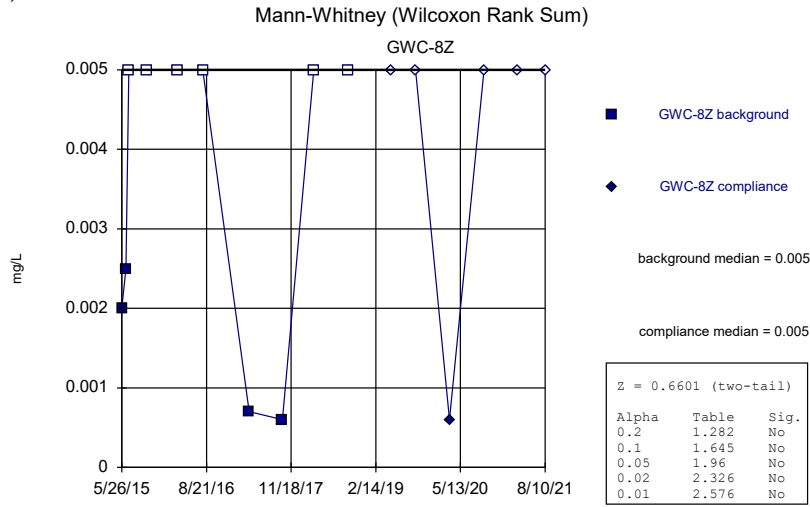


Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

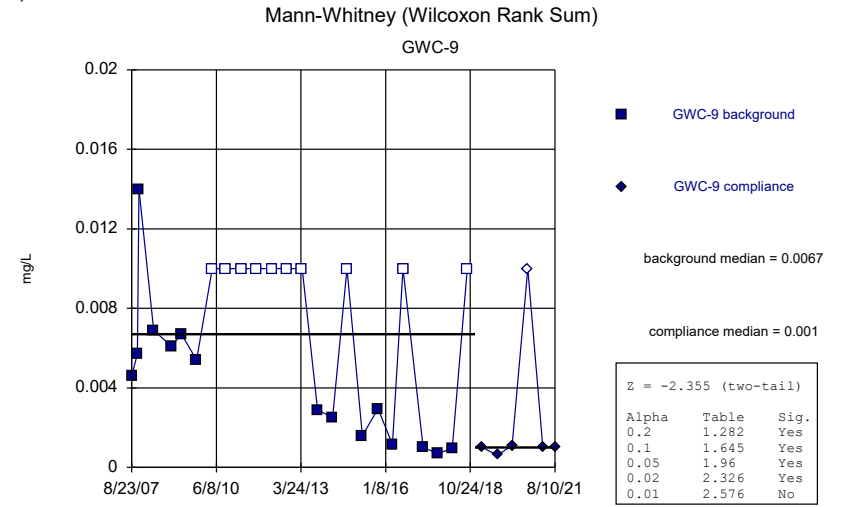
Mann-Whitney (Wilcoxon Rank Sum)



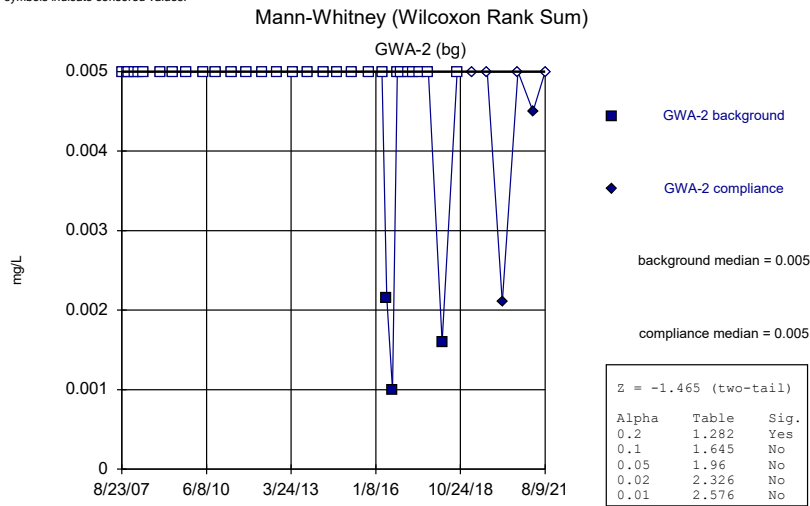
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



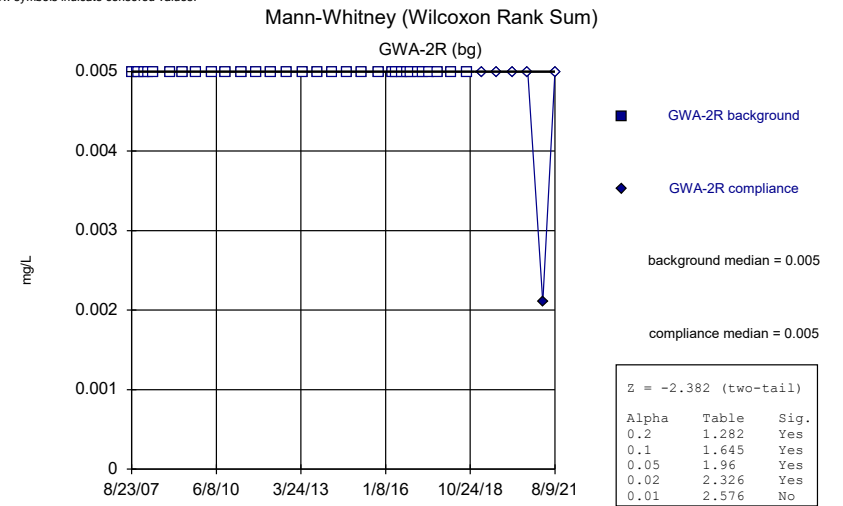
Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



Constituent: Nickel Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

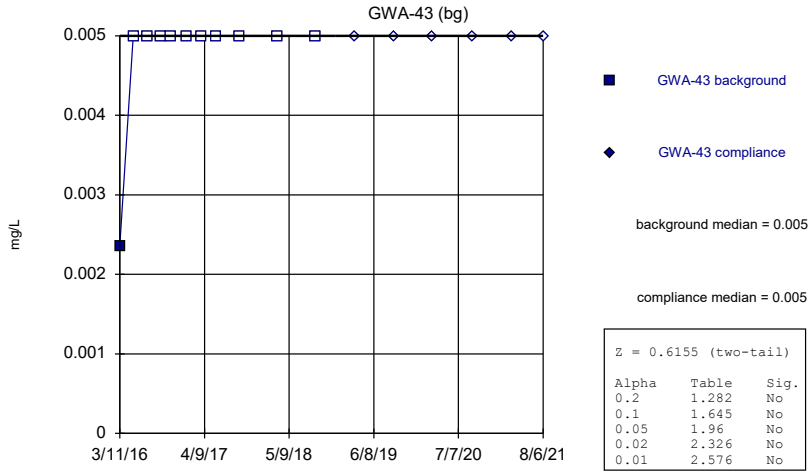


Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10



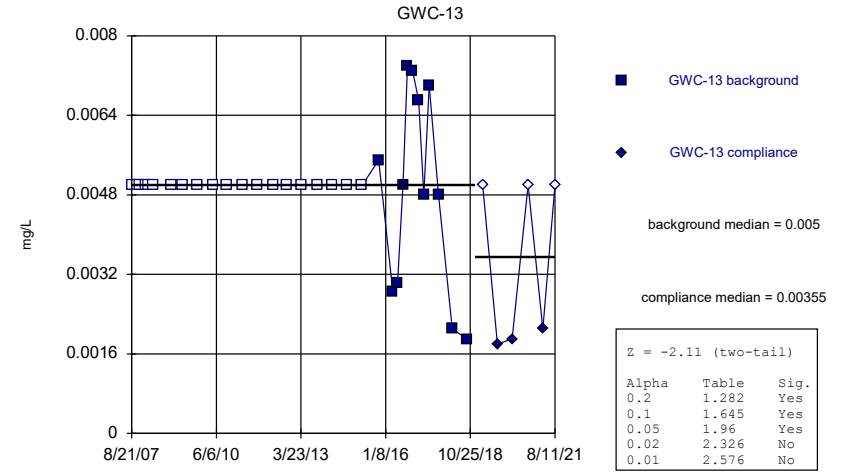
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



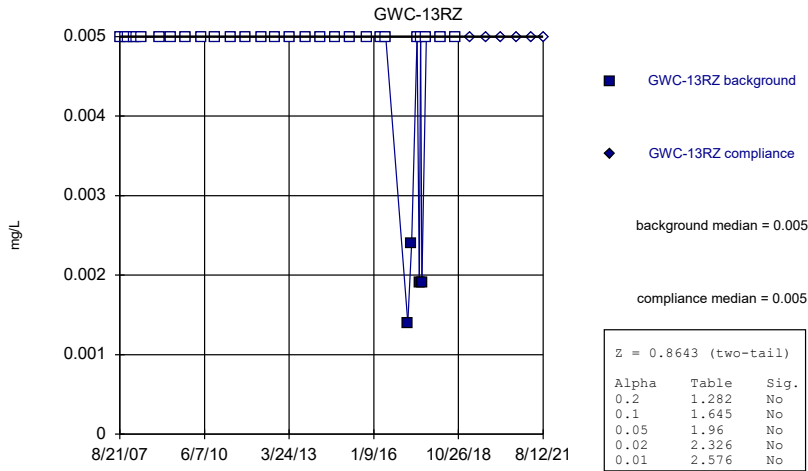
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



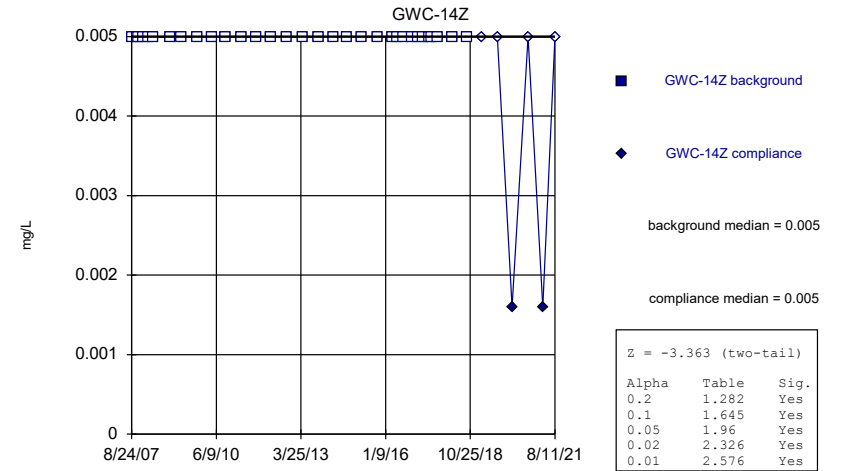
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



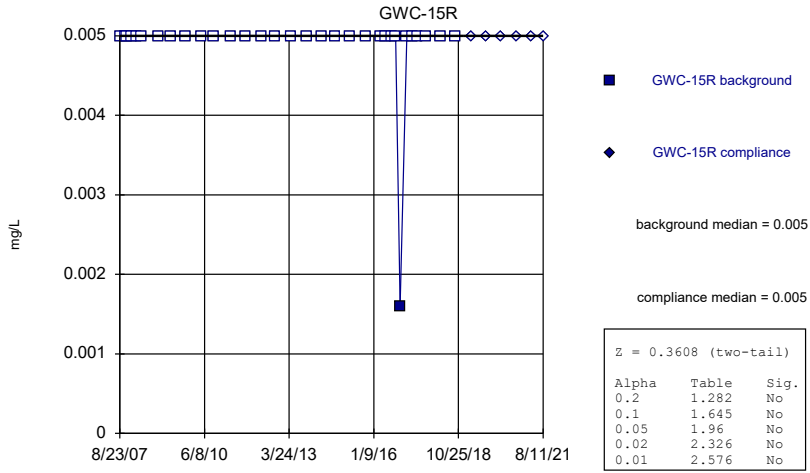
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



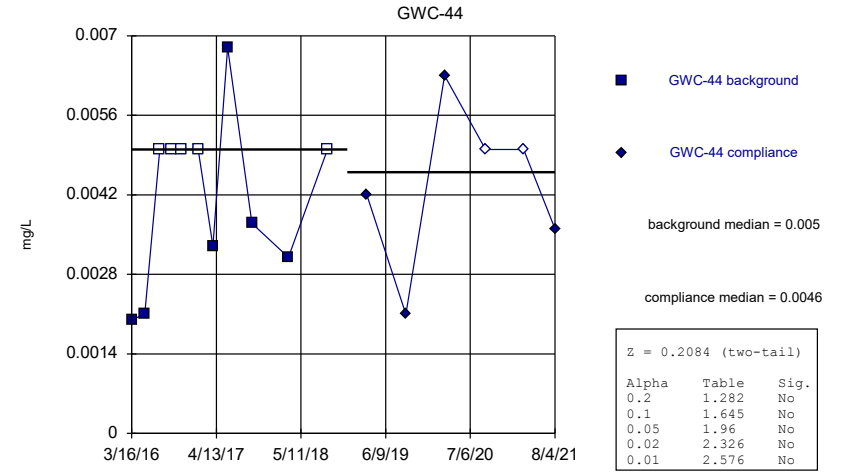
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



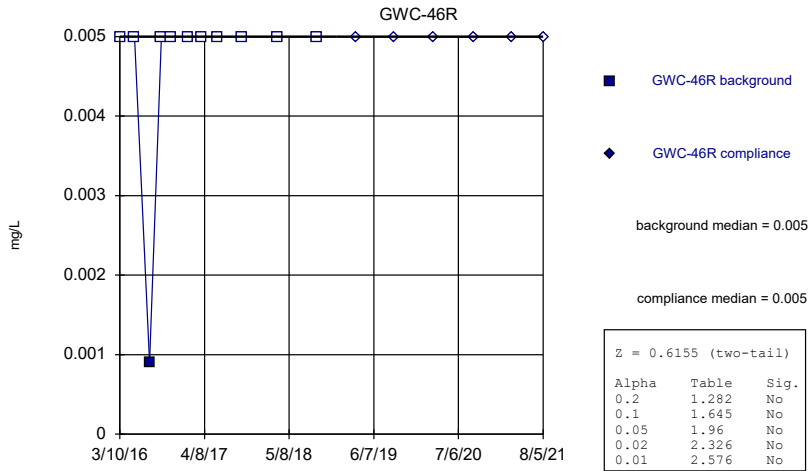
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



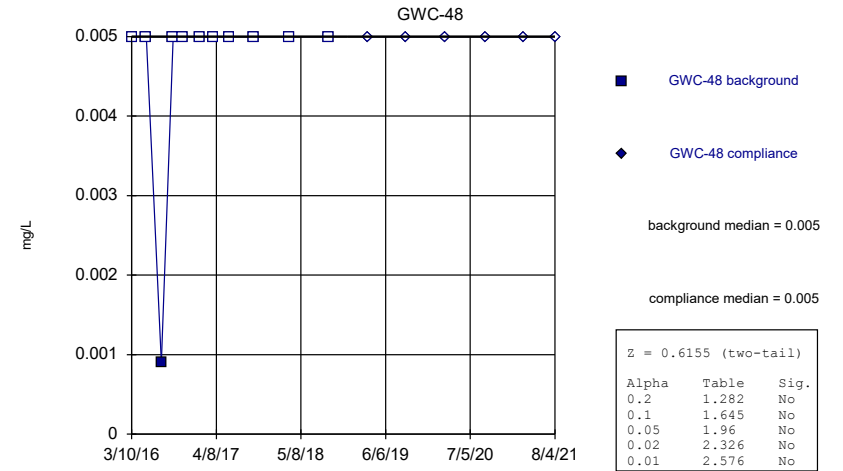
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



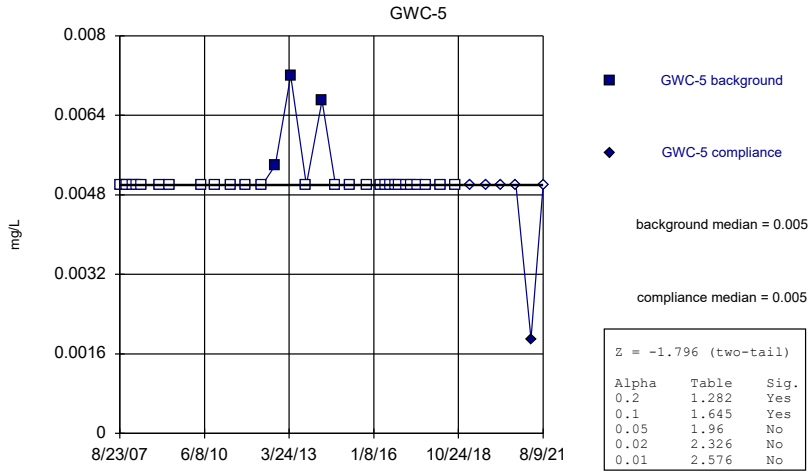
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



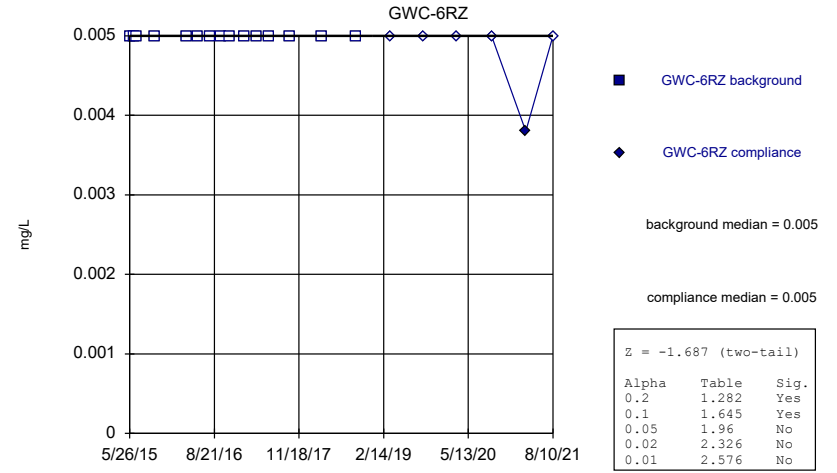
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



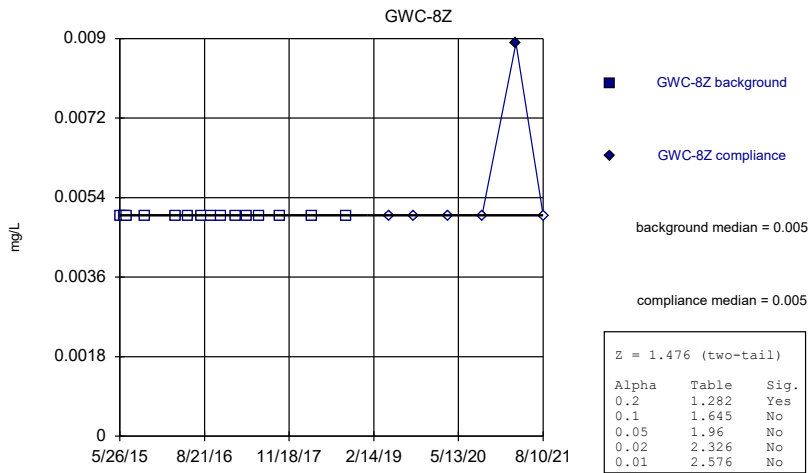
Constituent: Selenium Analysis Run 4/1/2022 5:33 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



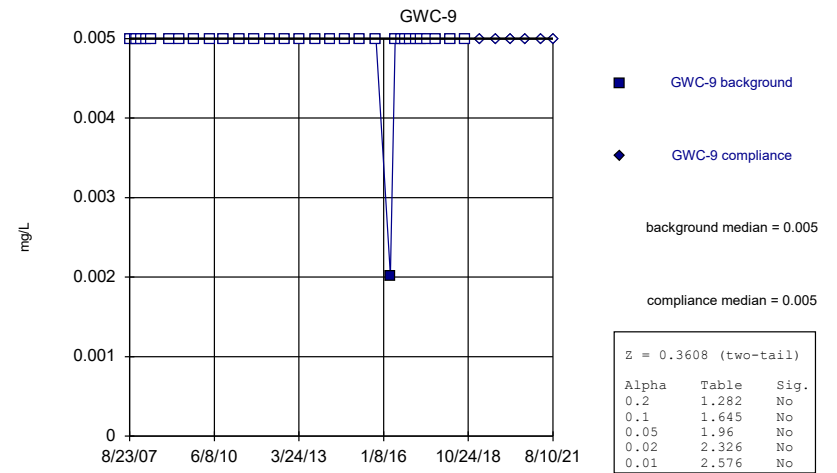
Constituent: Selenium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



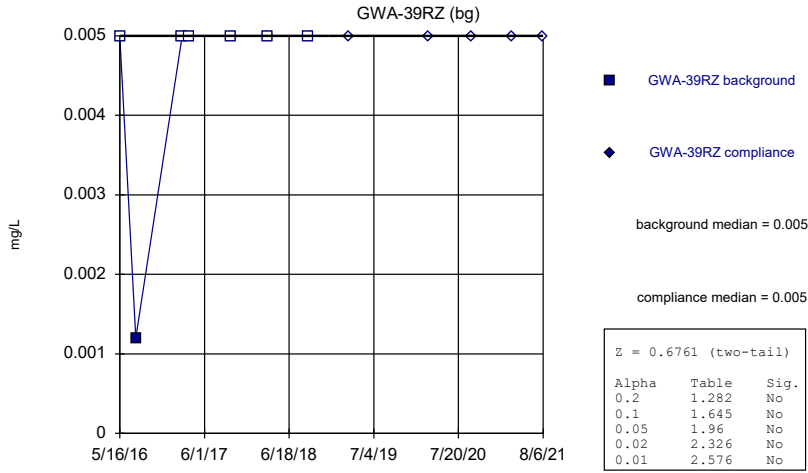
Constituent: Selenium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



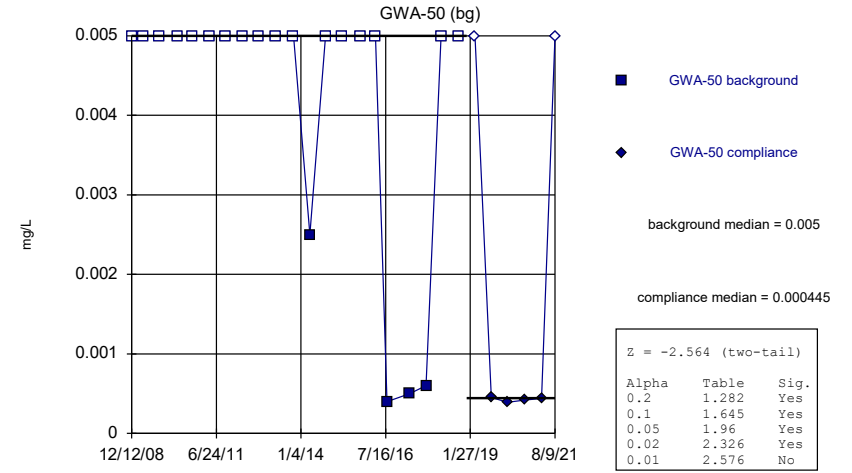
Constituent: Selenium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



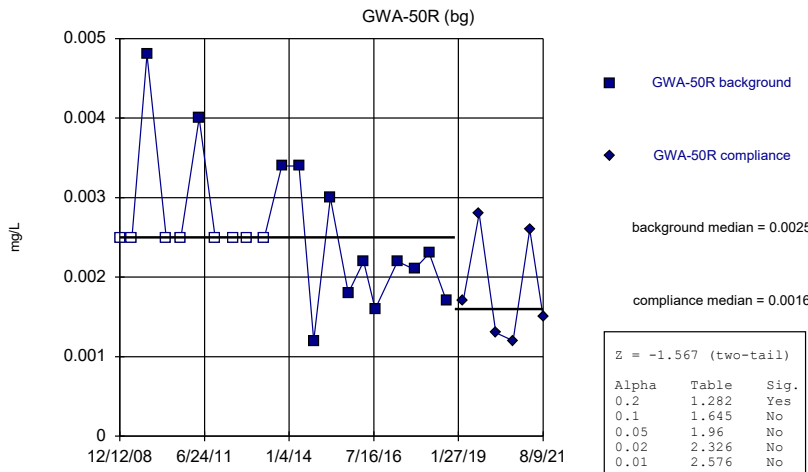
Constituent: Silver Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



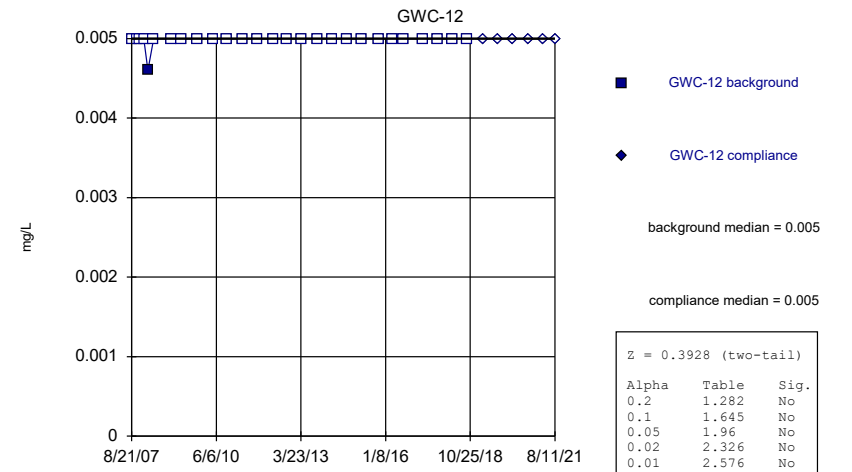
Constituent: Silver Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



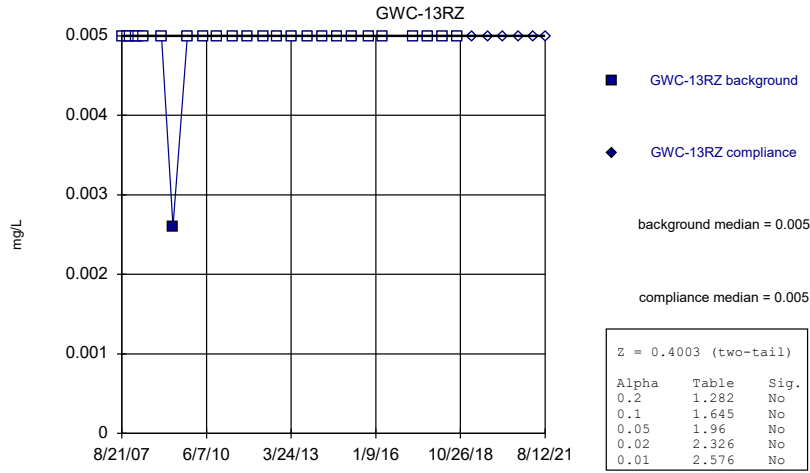
Constituent: Silver Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



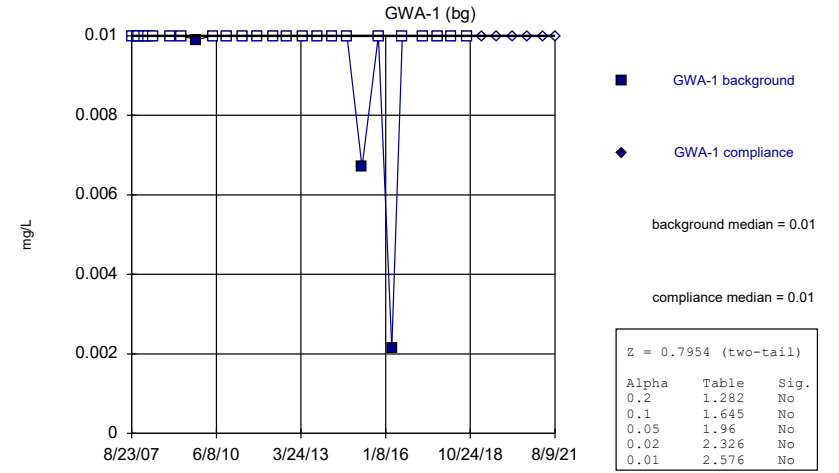
Constituent: Silver Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



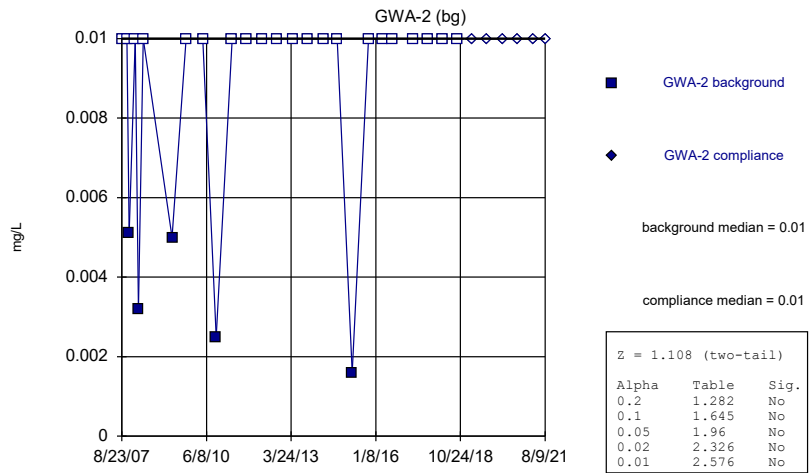
Constituent: Silver Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



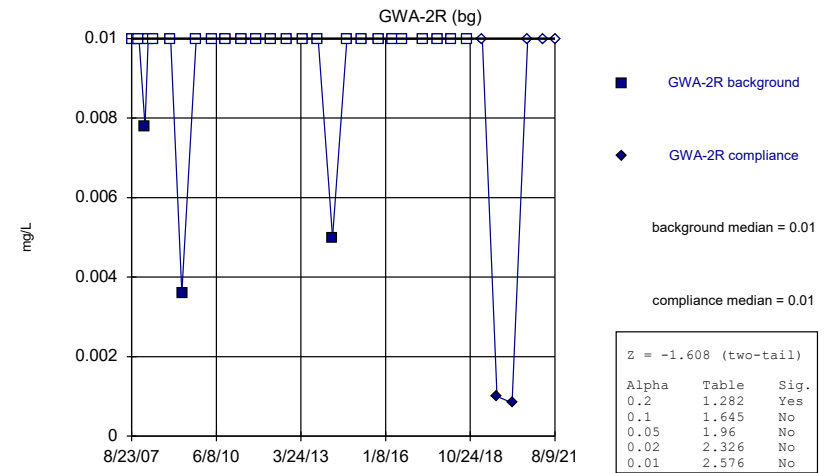
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



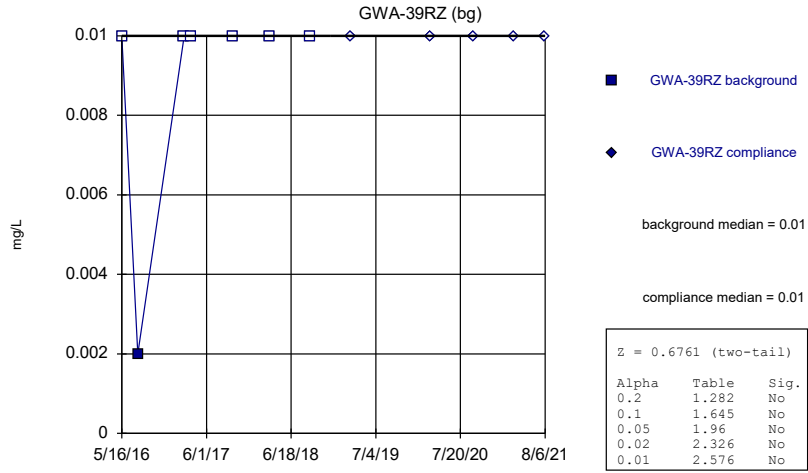
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



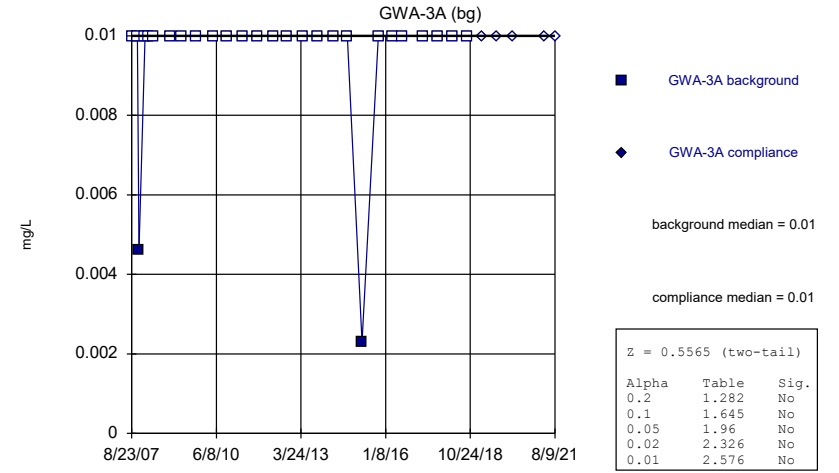
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



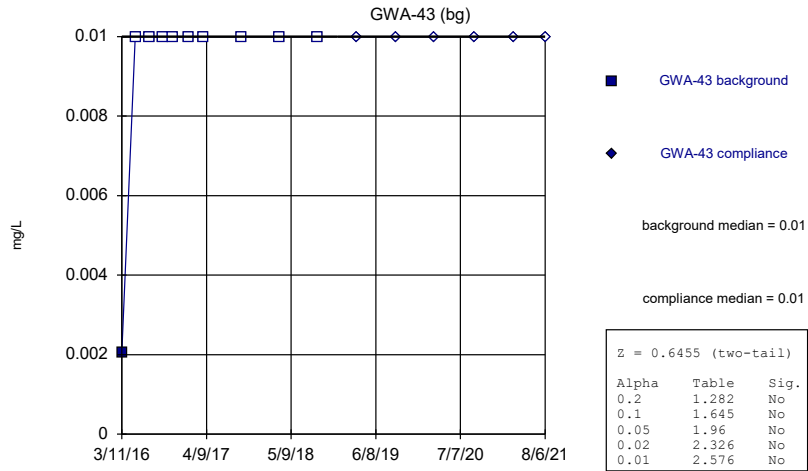
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



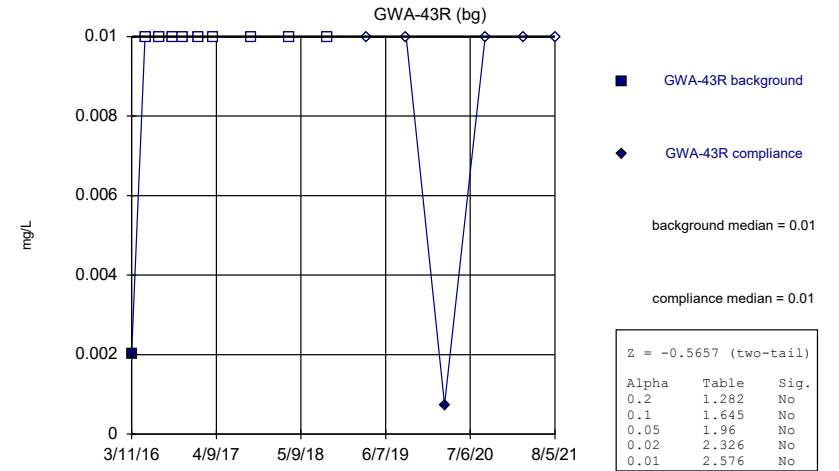
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



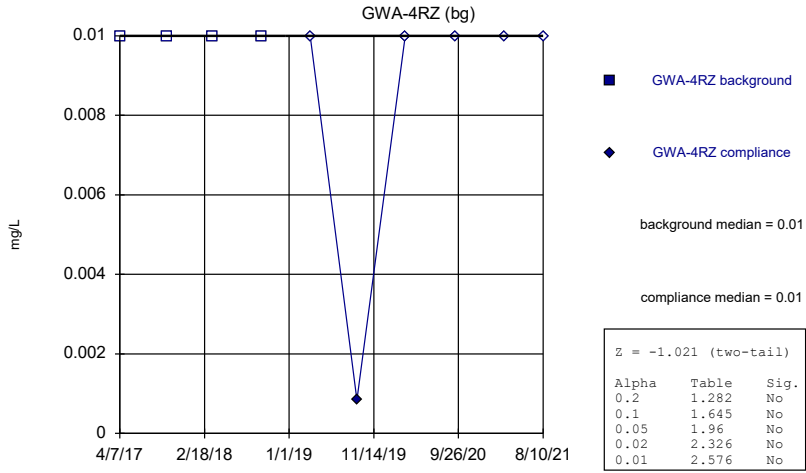
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



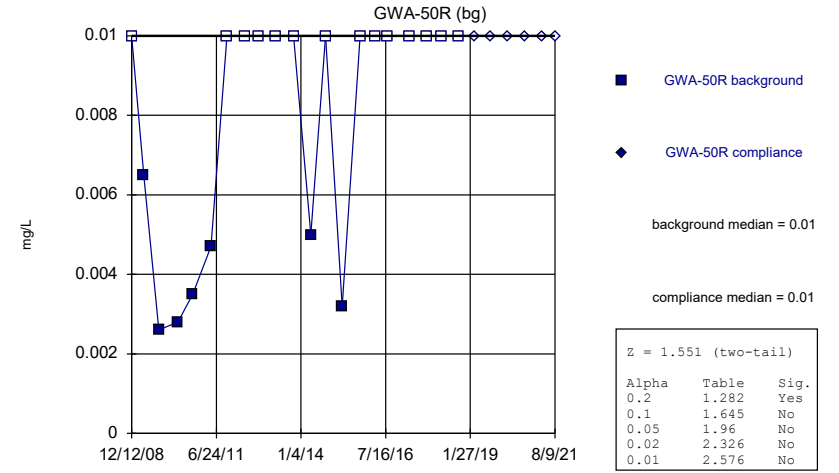
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



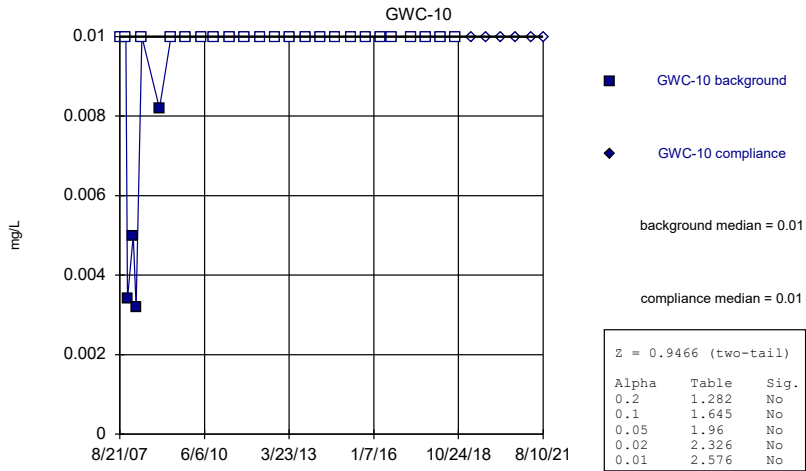
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



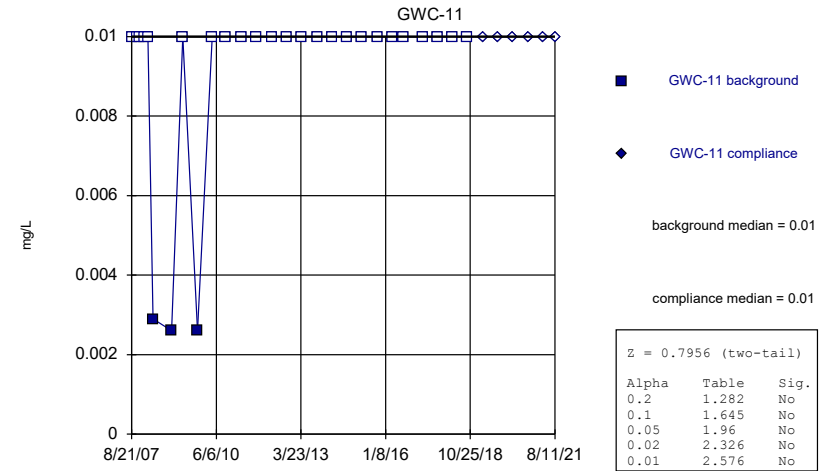
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



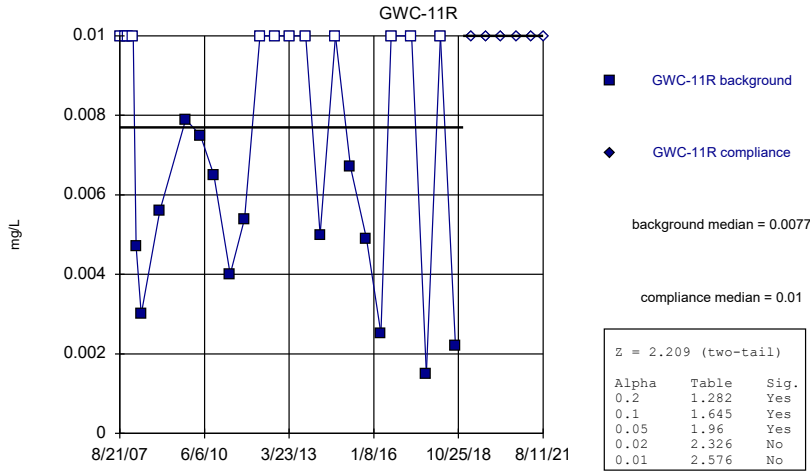
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



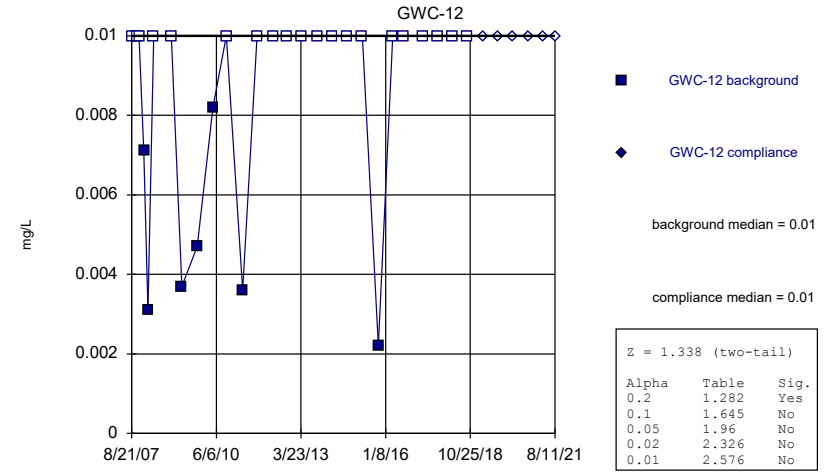
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



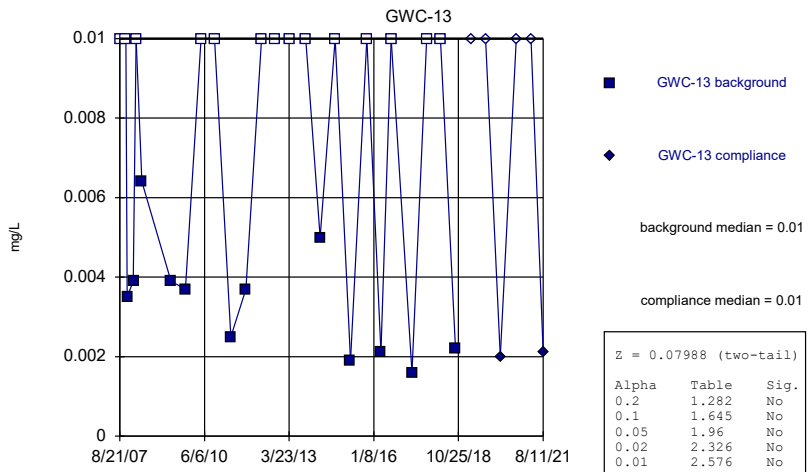
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



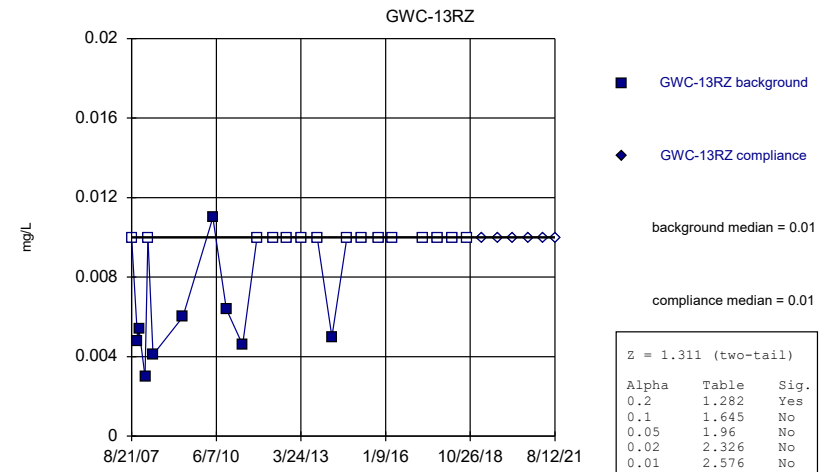
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



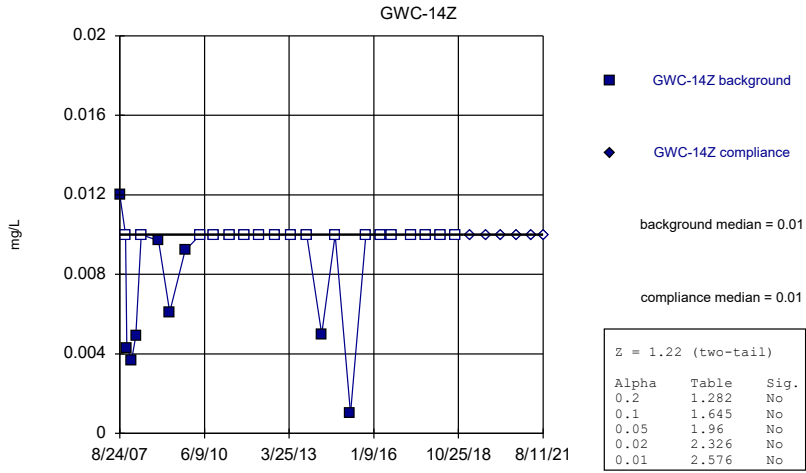
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



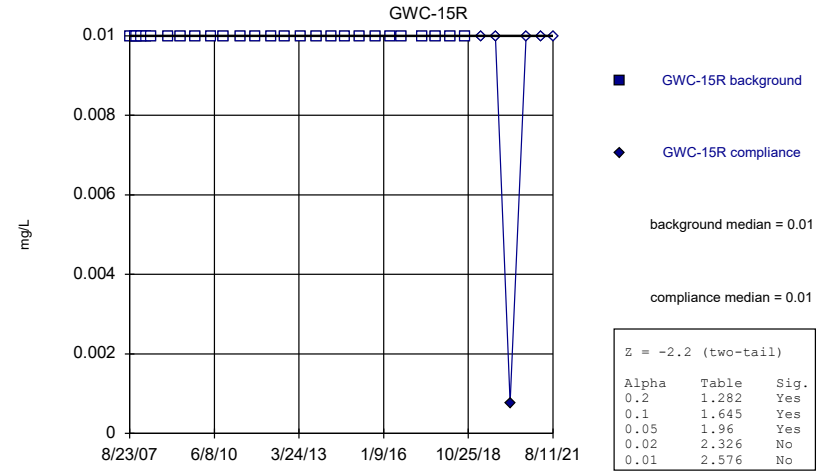
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



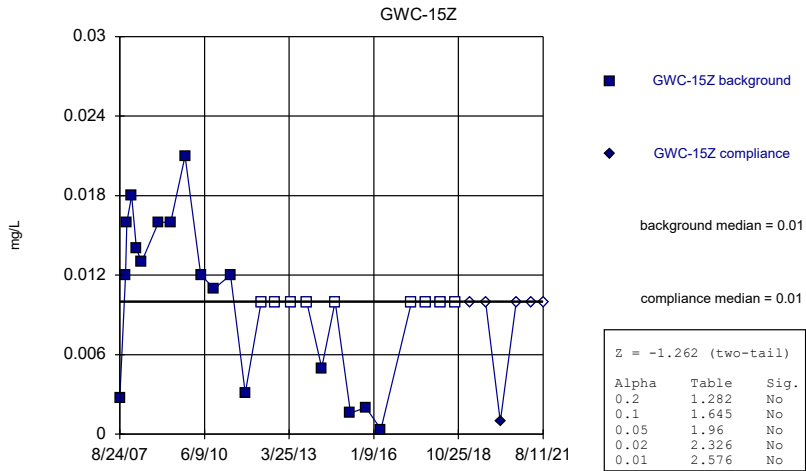
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



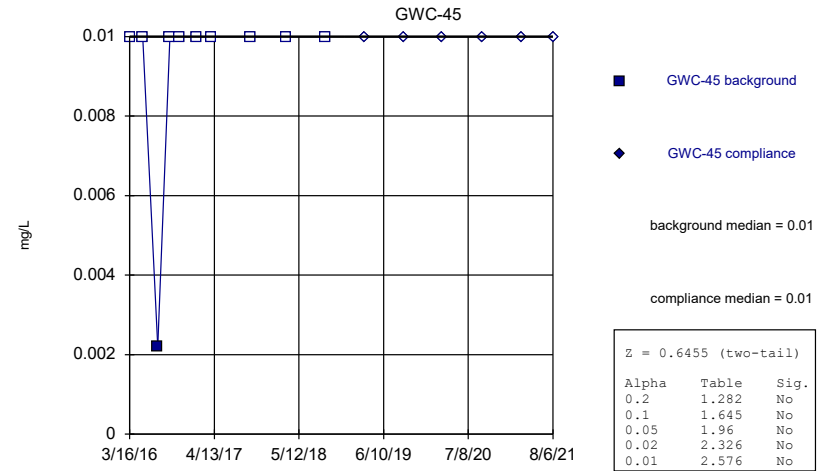
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



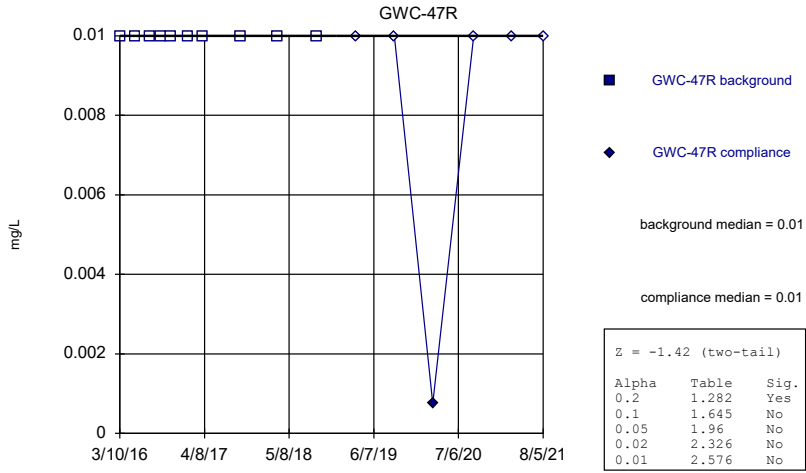
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



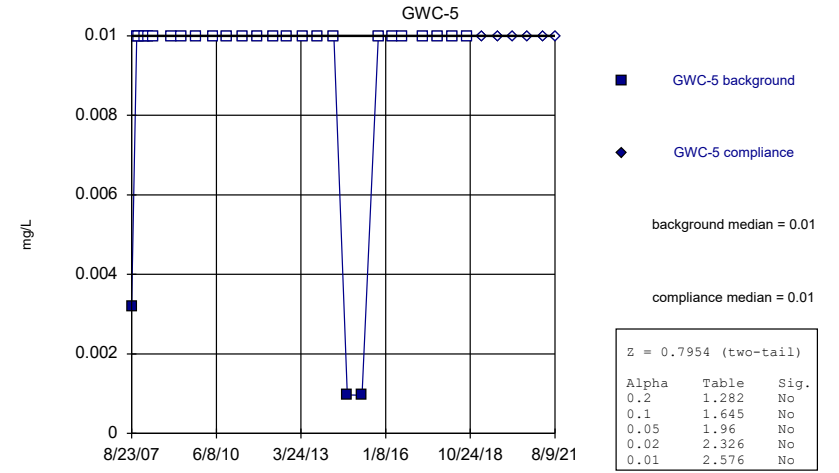
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



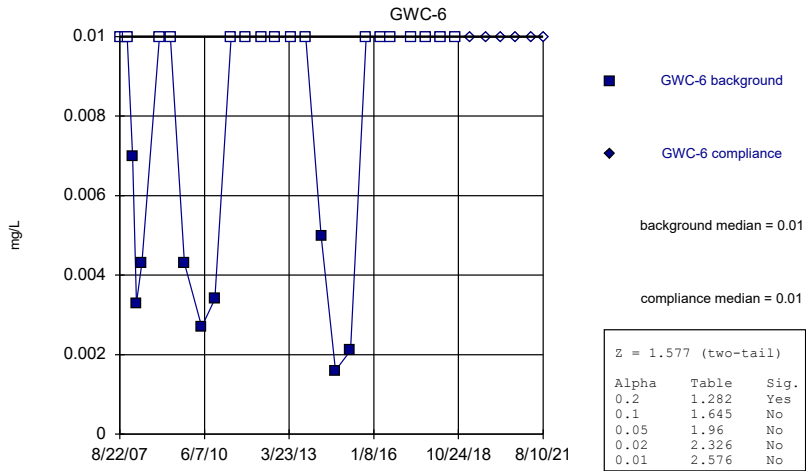
Constituent: Vanadium Analysis Run 4/1/2022 5:34 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



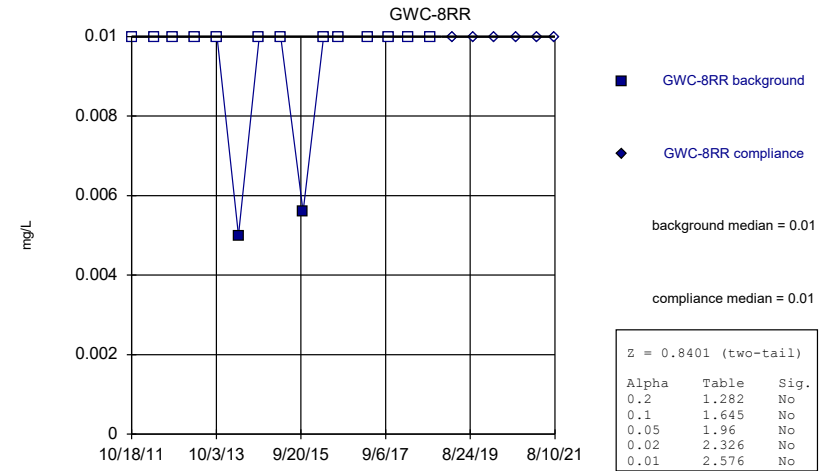
Constituent: Vanadium Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



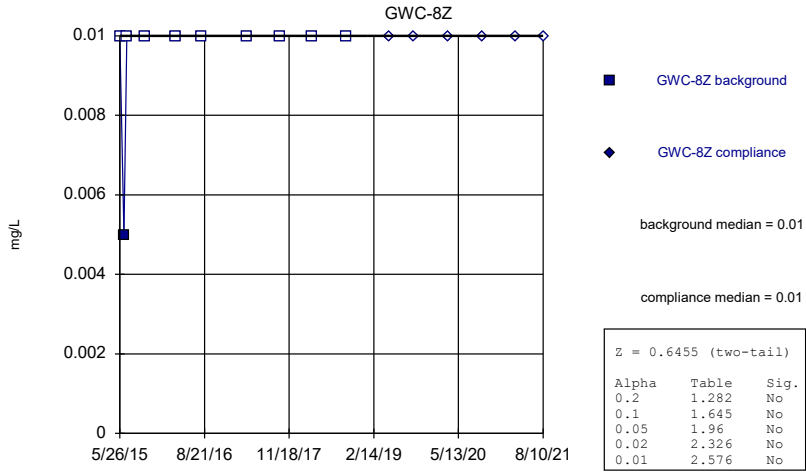
Constituent: Vanadium Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



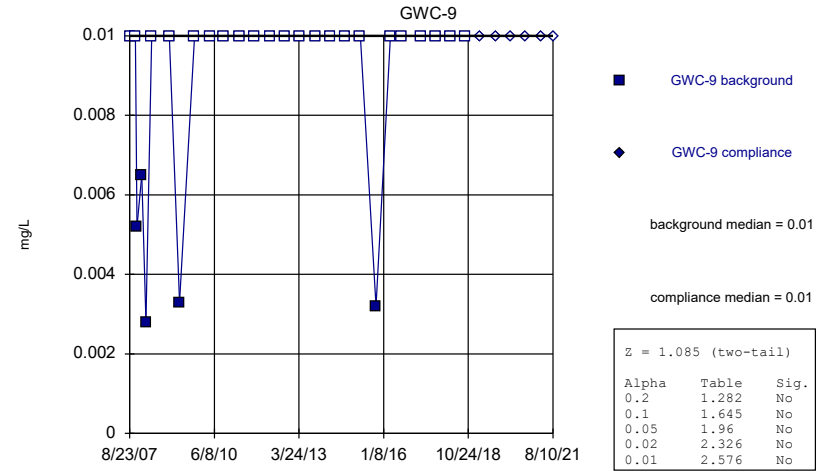
Constituent: Vanadium Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



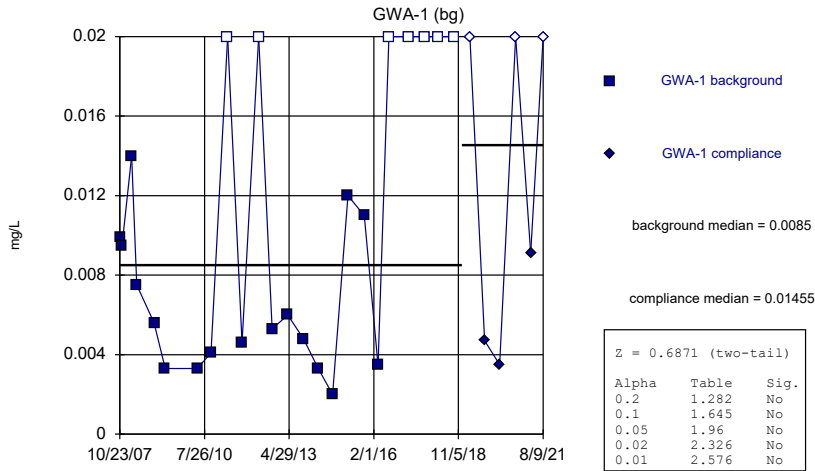
Constituent: Vanadium Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



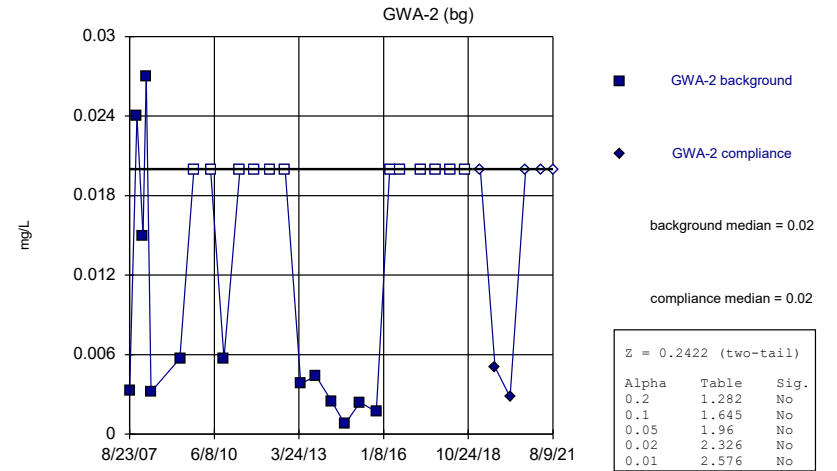
Constituent: Vanadium Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



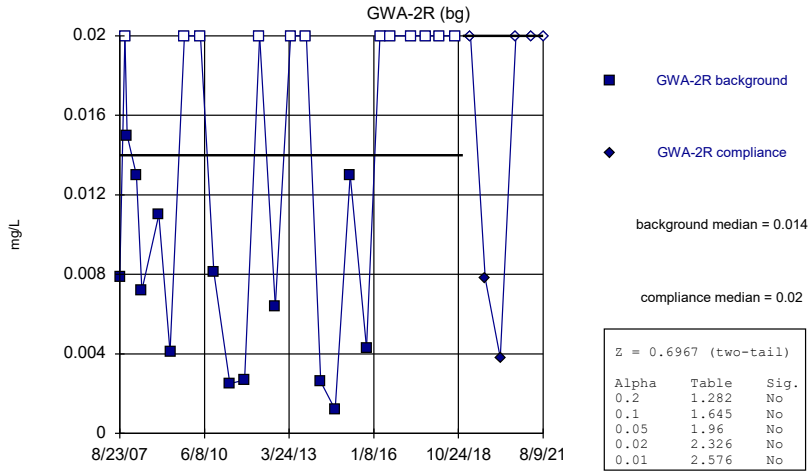
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



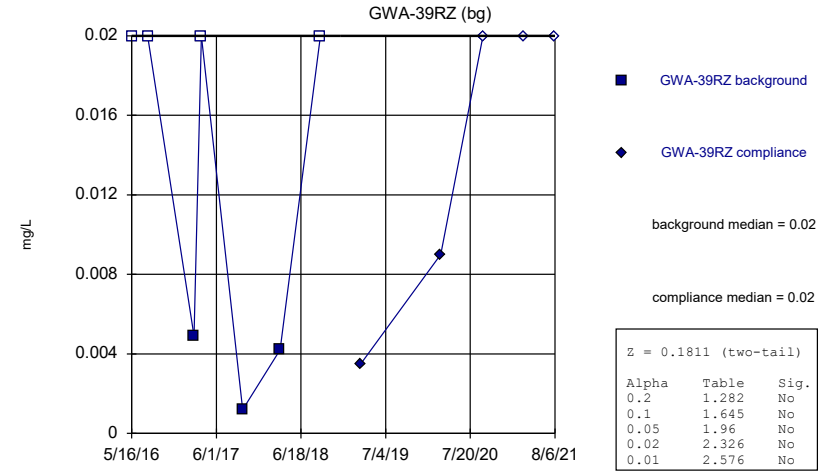
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



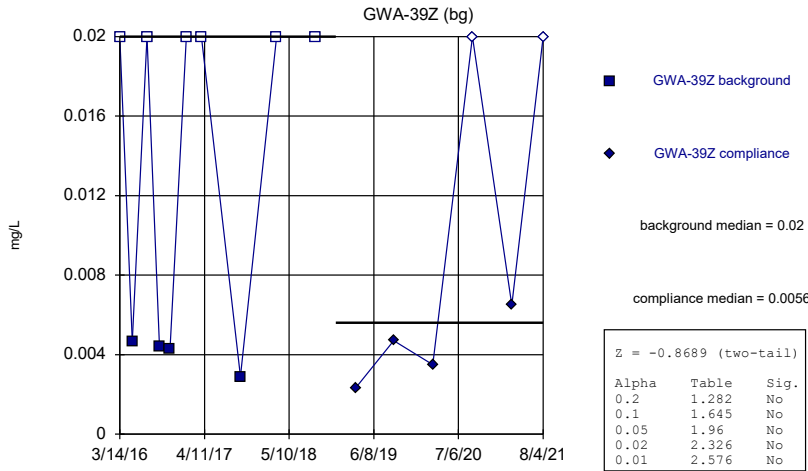
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



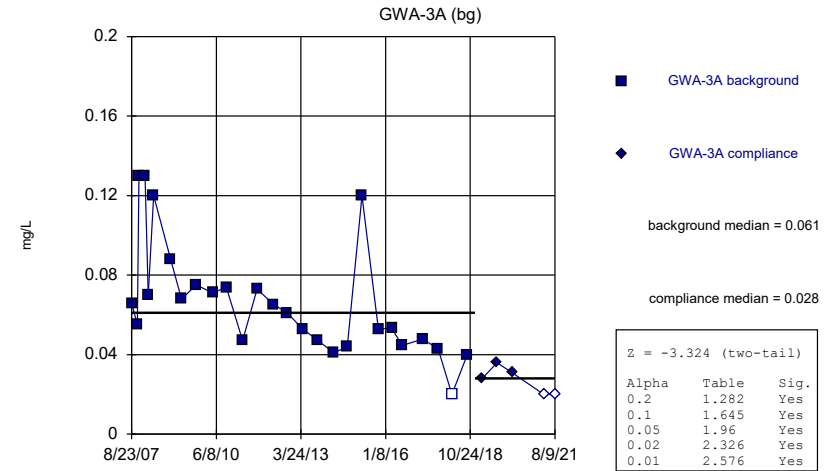
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



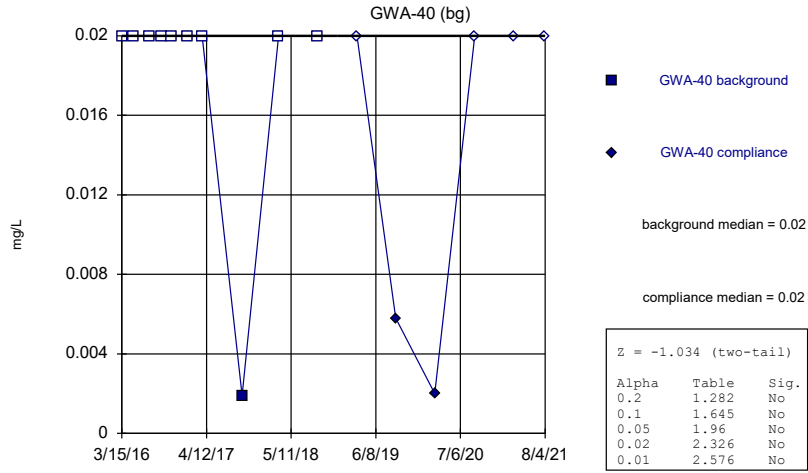
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



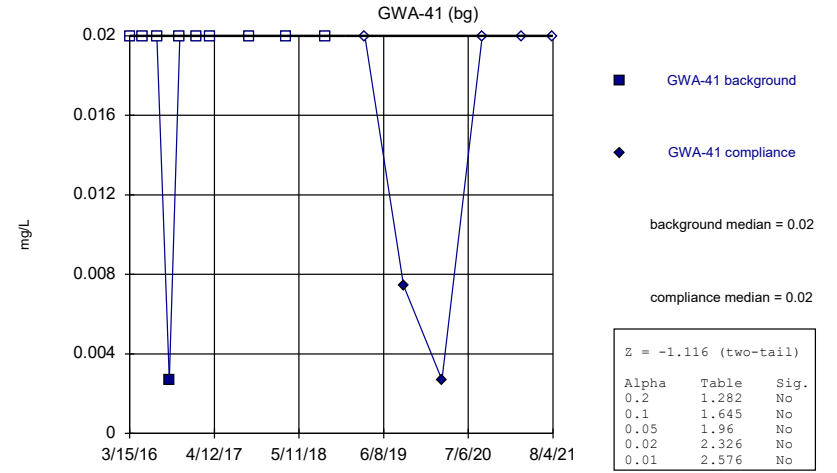
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



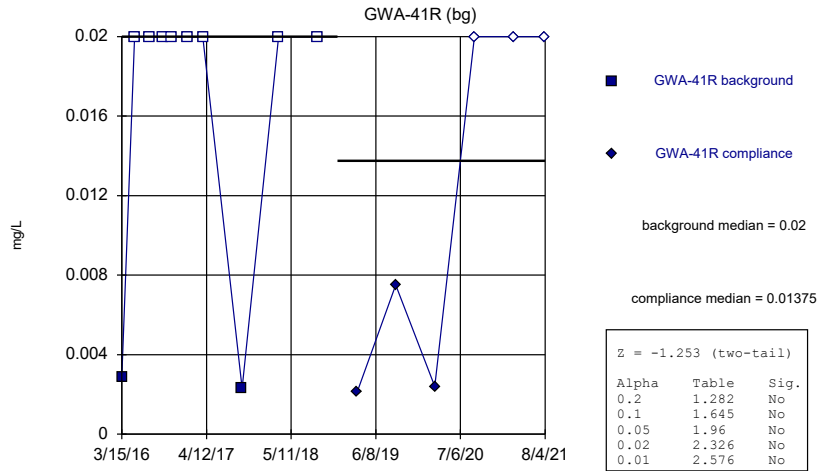
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



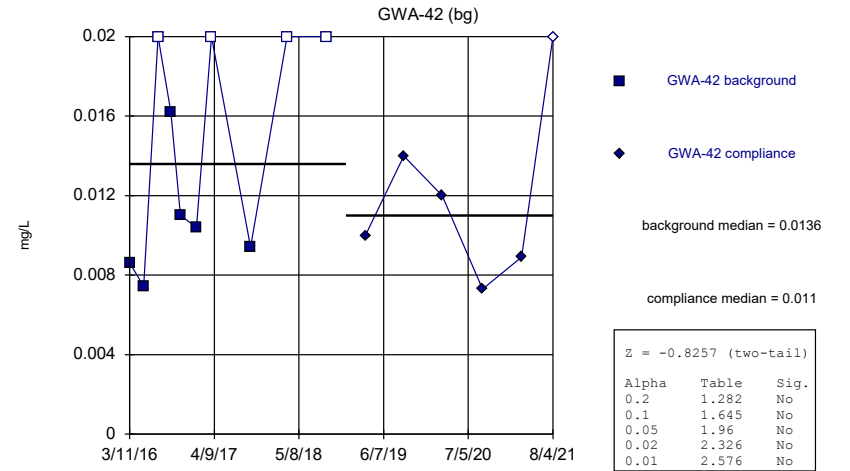
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



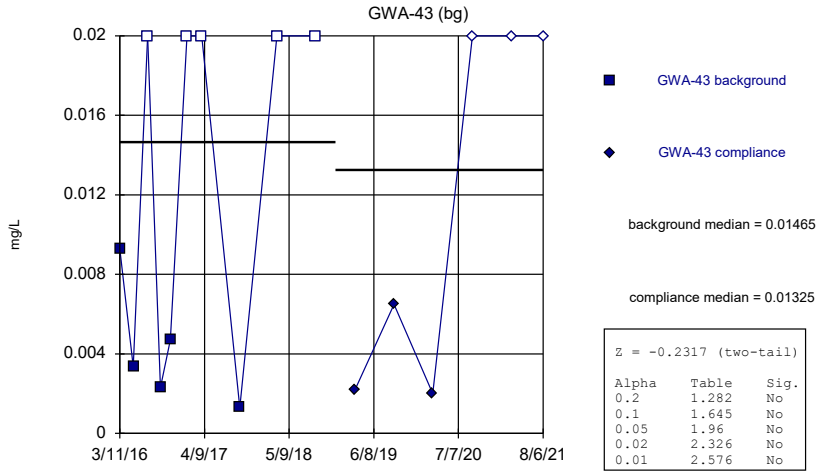
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



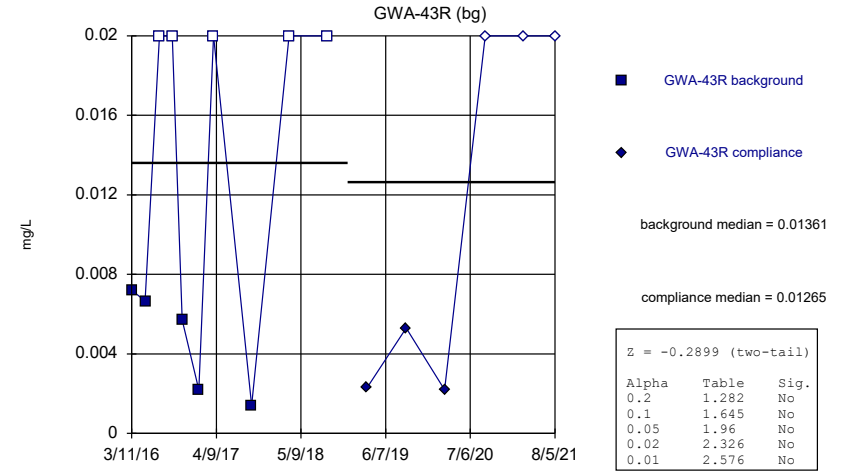
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



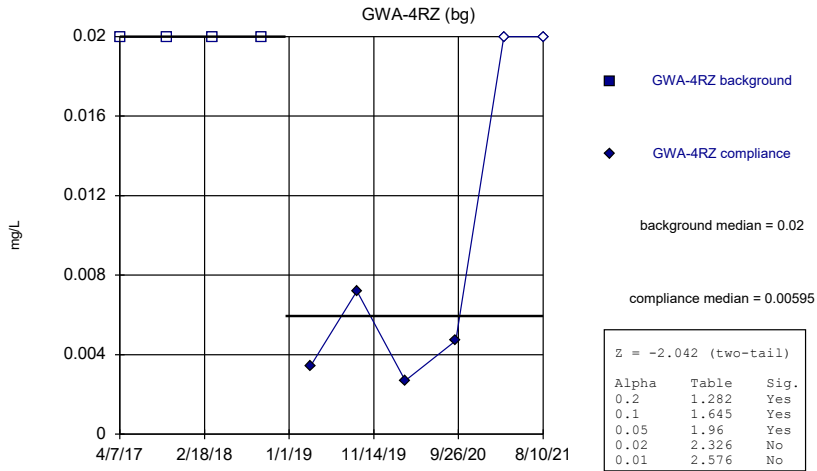
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



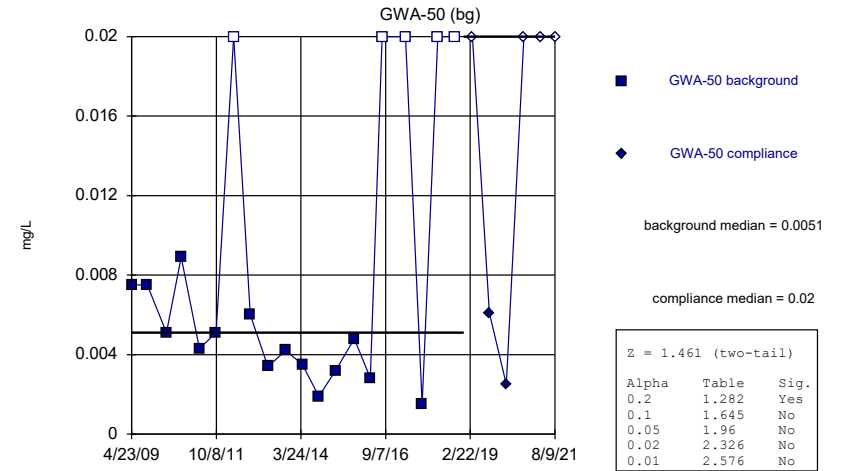
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



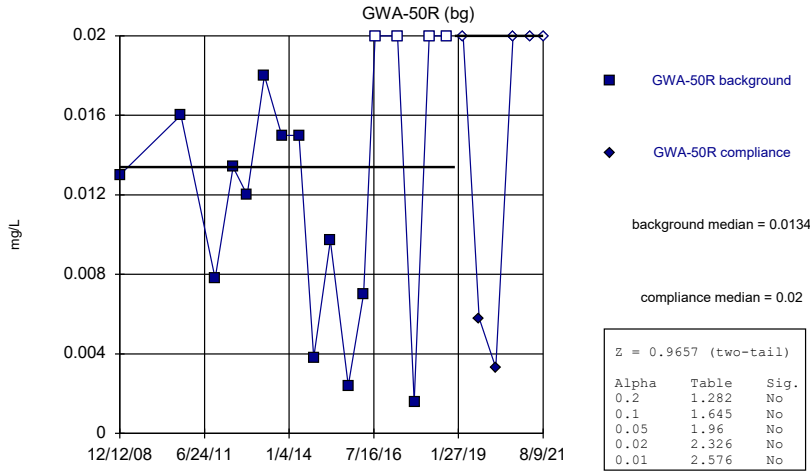
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



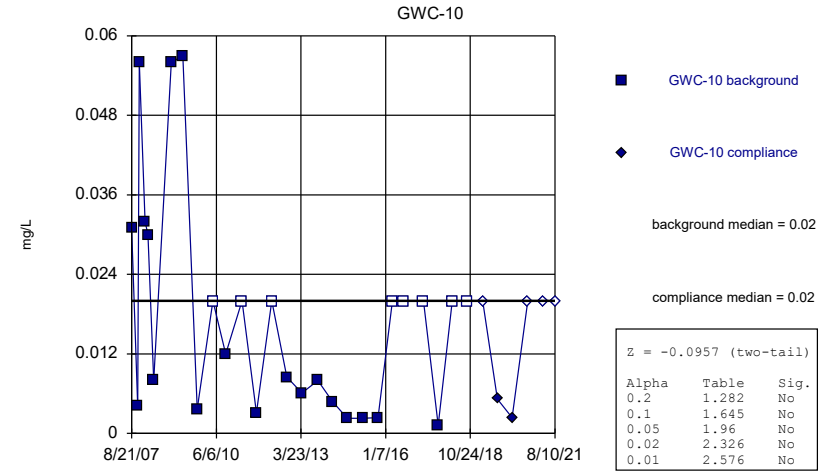
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



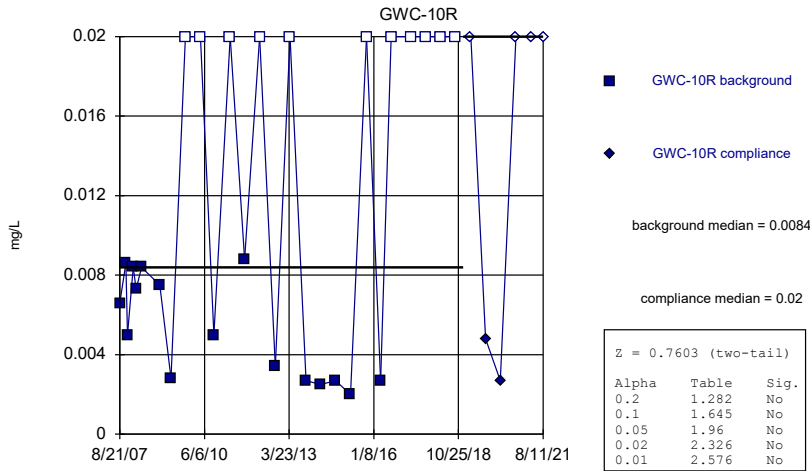
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



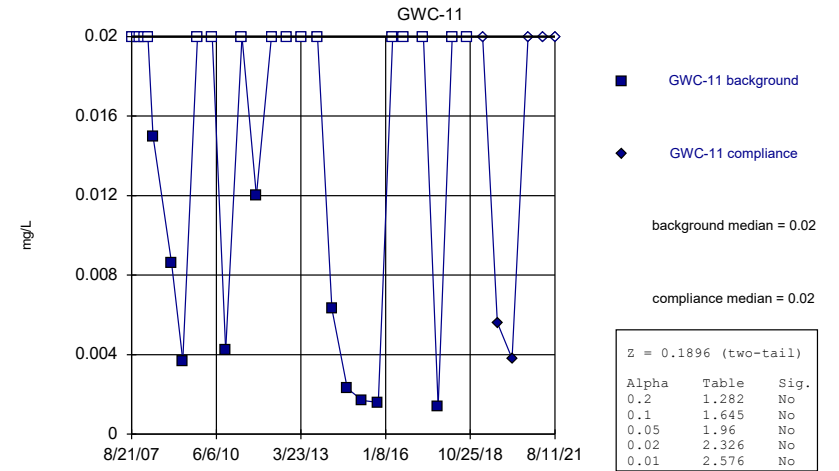
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



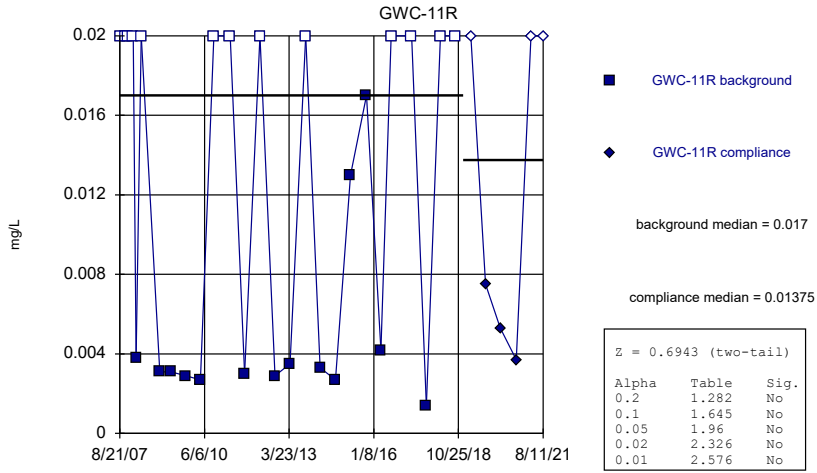
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



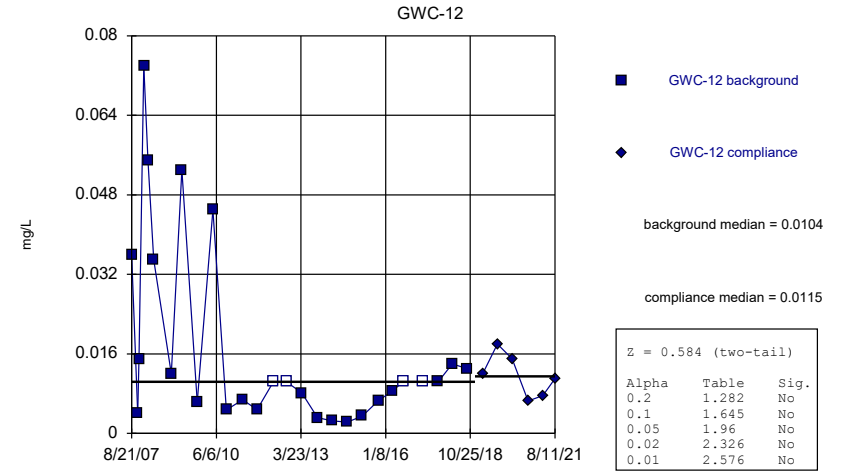
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



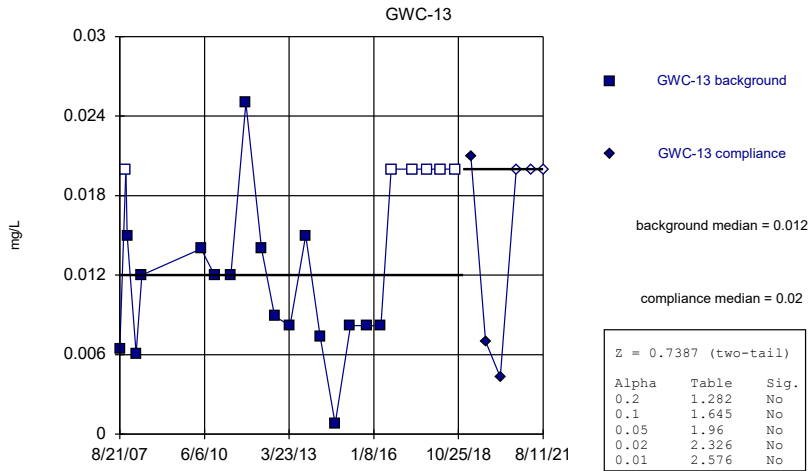
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



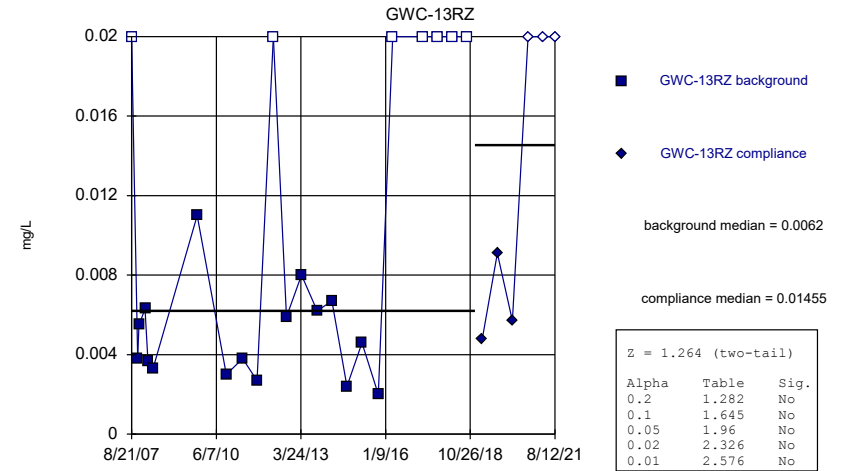
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



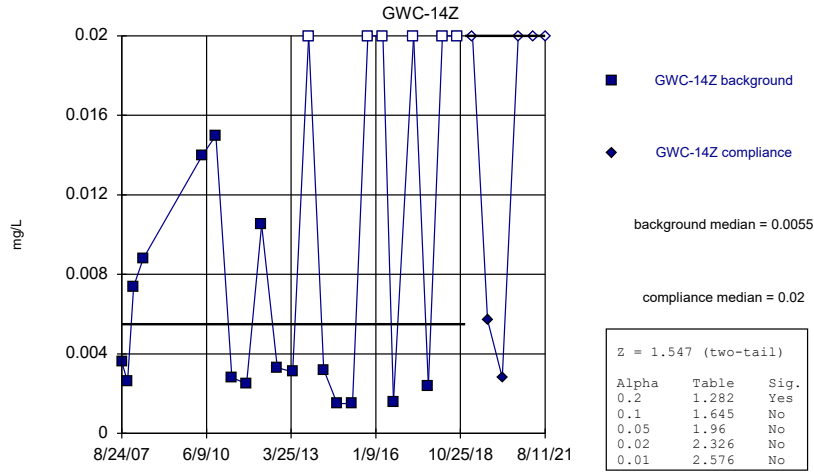
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



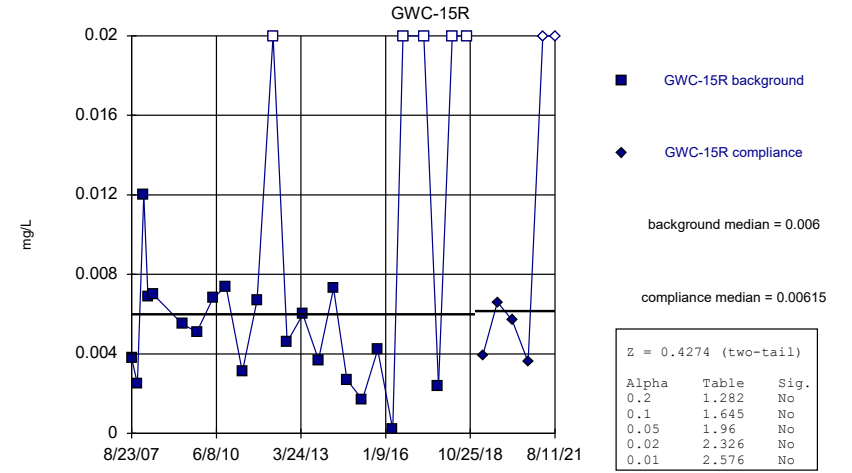
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



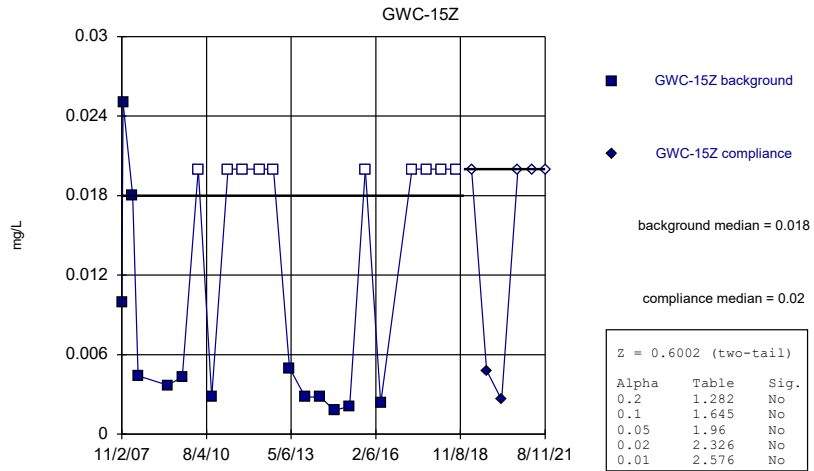
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



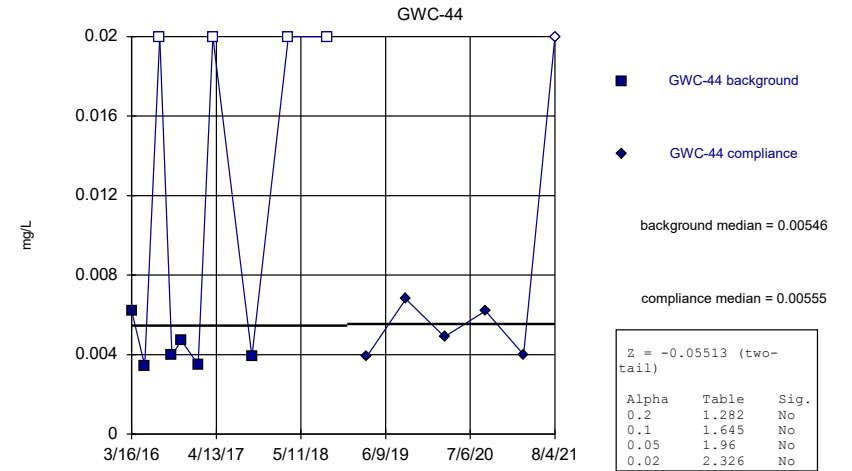
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



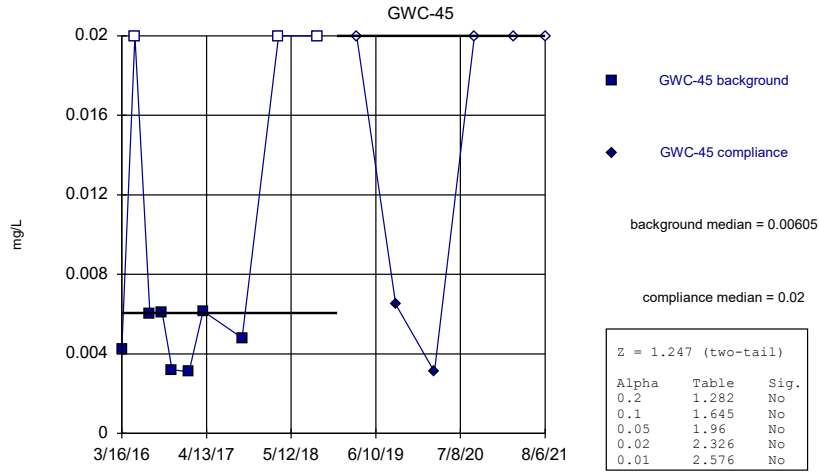
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



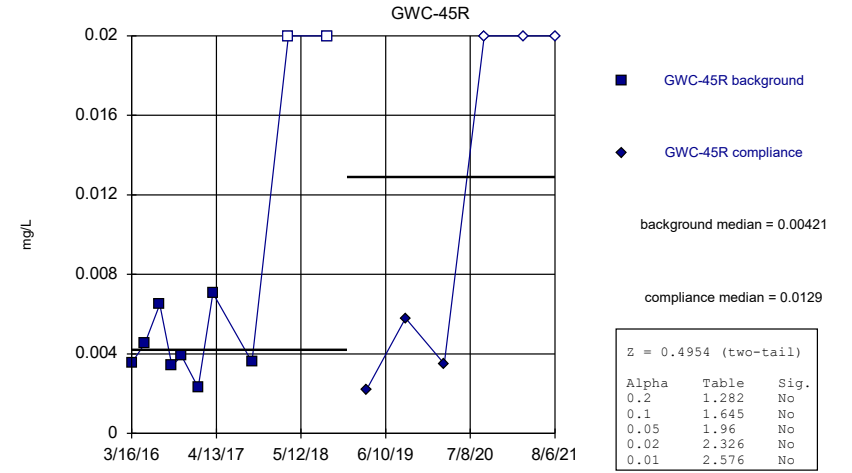
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



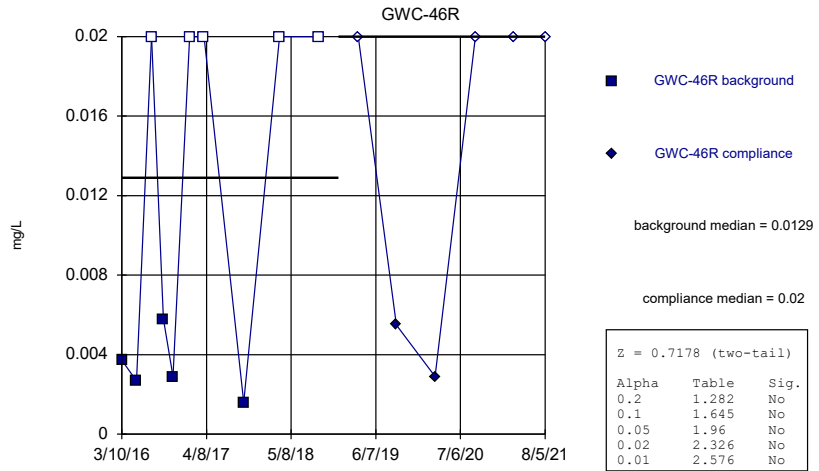
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



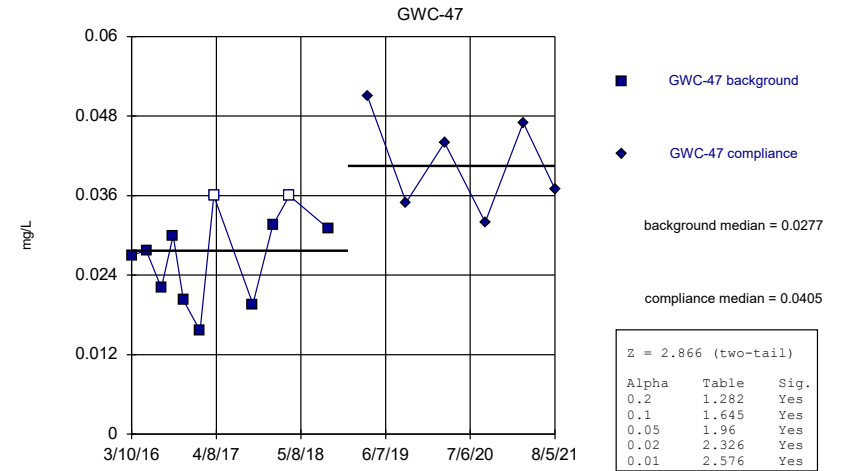
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



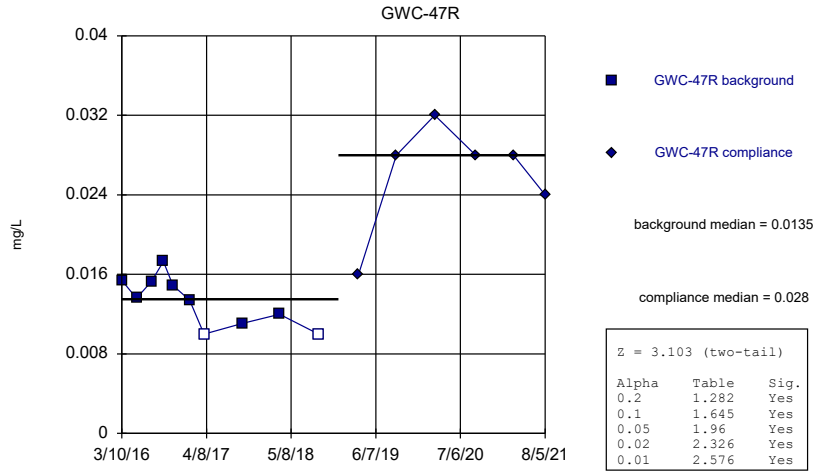
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



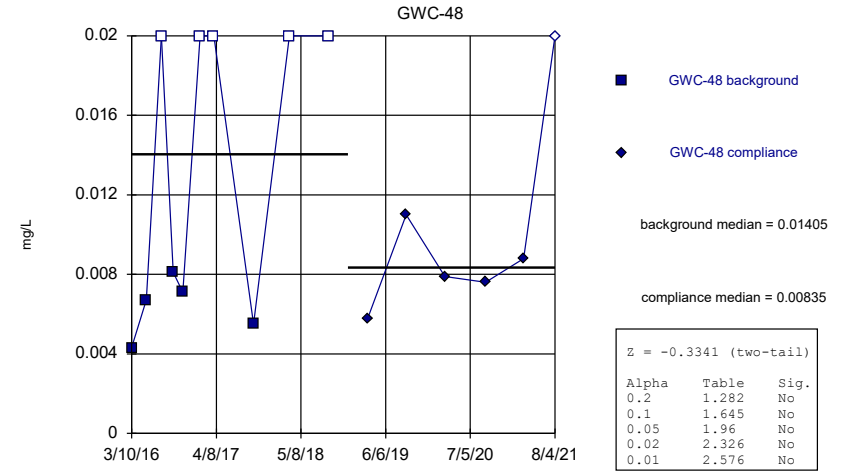
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



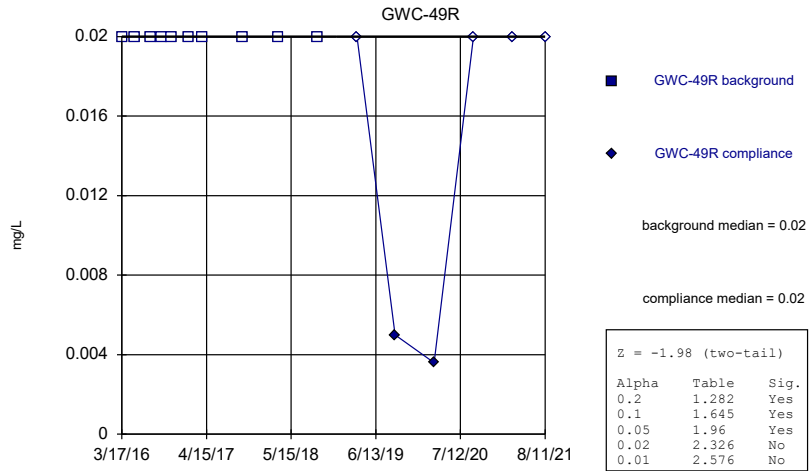
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



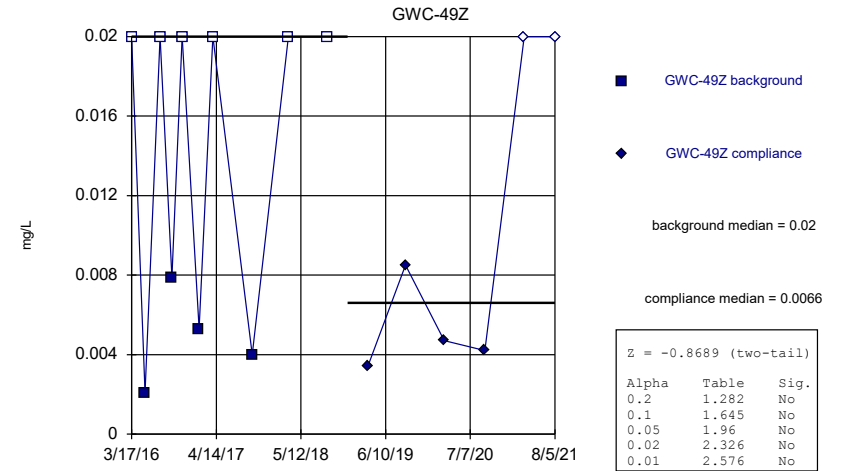
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



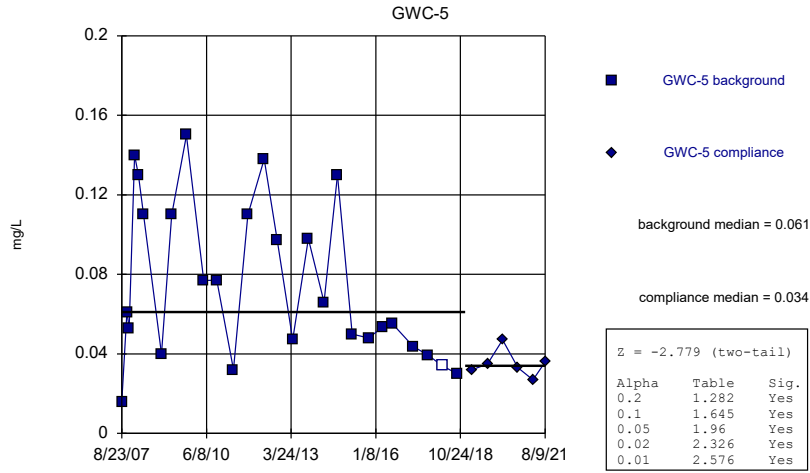
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



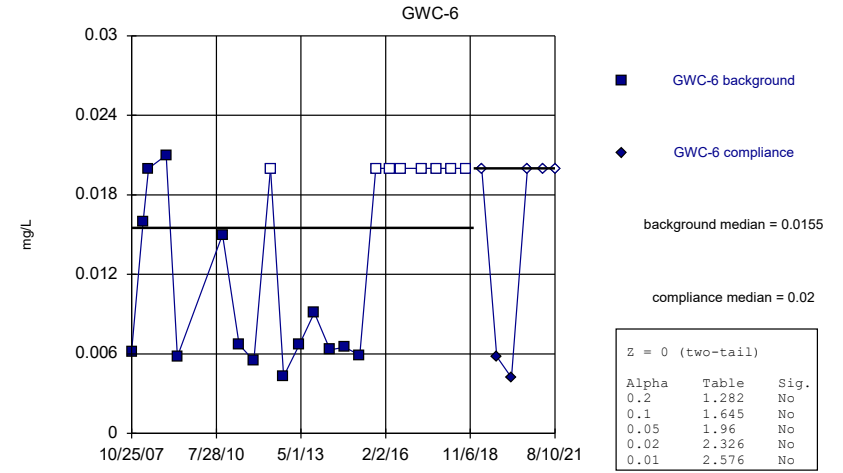
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



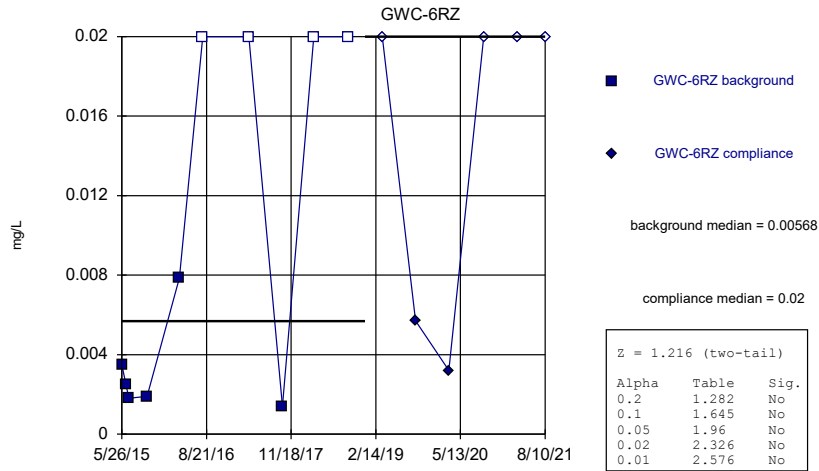
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



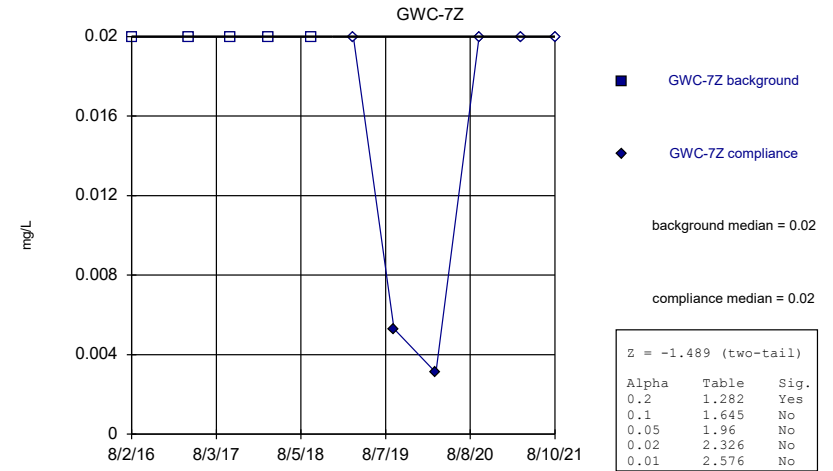
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



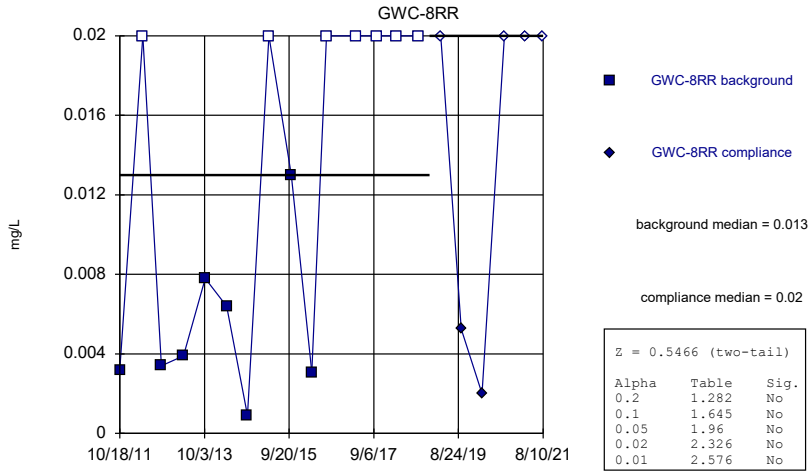
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



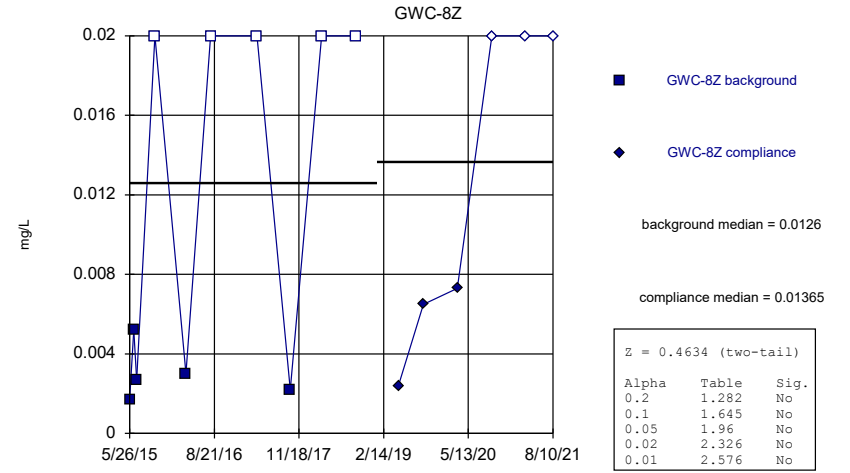
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



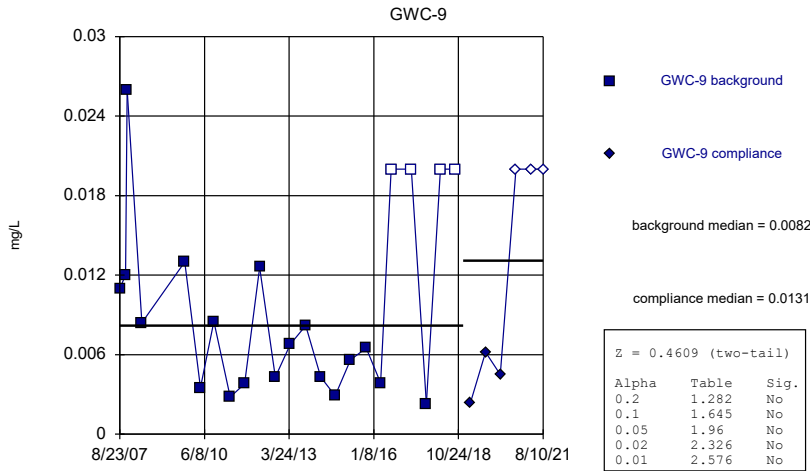
Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Zinc Analysis Run 4/1/2022 5:35 PM View: Appendix I Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.003	
10/23/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/7/2009	<0.003	
5/3/2010	<0.003	
10/12/2010	<0.003	
4/27/2011	<0.003	
10/17/2011	0.0054	
5/2/2012	<0.003	
10/8/2012	<0.003	
4/12/2013	0.0058	
10/16/2013	0.01	
4/11/2014	0.005 (J)	
9/30/2014	0.0068	
3/30/2015	0.0074	
10/13/2015	0.017 (O)	
3/22/2016	0.00567	
5/19/2016	0.00319	
7/29/2016	0.0025 (J)	
9/23/2016	0.0051	
11/9/2016	0.0097 (J)	
1/30/2017	0.0032	
3/30/2017	0.0028 (J)	
6/9/2017	<0.003	
10/2/2017	0.0014 (J)	
3/16/2018	0.0014 (J)	
9/17/2018	0.00105 (JD)	
3/20/2019		<0.003
9/12/2019		0.0037
3/11/2020		0.00079 (J)
9/15/2020		0.0061
3/16/2021		0.0014 (J)
8/9/2021		0.0027 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.003	
10/24/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/4/2008	<0.003	
4/21/2009	<0.003	
10/8/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	0.0053	
10/9/2012	<0.003	
4/11/2013	0.0075	
10/16/2013	<0.003	
4/10/2014	0.0081	
9/30/2014	0.0022 (J)	
3/30/2015	0.011	
10/13/2015	0.0045 (J)	
3/23/2016	0.00281 (J)	
5/19/2016	0.00264 (J)	
7/29/2016	0.0069	
9/22/2016	0.0066	
11/10/2016	<0.003	
1/31/2017	0.0064	
4/3/2017	0.0049	
6/9/2017	<0.003	
10/2/2017	0.0045	
3/16/2018	0.021 (O)	
9/14/2018	0.0054	
3/19/2019		0.0019 (J)
9/13/2019		0.0044
3/11/2020		0.002 (J)
9/15/2020		0.0037
3/16/2021		0.005
8/9/2021		0.0033

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.003 (D)	
7/27/2016	0.0003 (JD)	
2/21/2017	0.0057	
3/27/2017	0.0013 (JD)	
6/8/2017	<0.003 (*)	
7/17/2017	0.005 (D)	
7/27/2017	0.0033	
8/9/2017	0.0012 (J)	
9/29/2017	0.0013 (JD)	
3/16/2018	0.0078	
9/14/2018	0.0056	
3/14/2019	0.014 (O)	
3/9/2020		0.0013 (J)
9/16/2020		0.0028 (J)
3/16/2021		0.00041 (J)
8/6/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.003	
5/11/2016	0.000839 (J)	
7/19/2016	0.0024 (J)	
9/15/2016	0.0009 (J)	
11/2/2016	0.001 (J)	
1/18/2017	0.0017 (J)	
3/28/2017	0.0006 (J)	
6/7/2017	0.0003 (J)	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/15/2019		<0.003
9/9/2019		0.00079 (J)
3/9/2020		0.0011 (J)
9/10/2020		0.0003 (J)
3/12/2021		0.0039
8/4/2021		0.00083 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.003	
11/2/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/11/2008	<0.003	
5/14/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/8/2009	<0.003	
4/28/2010	<0.003	
10/6/2010	<0.003	
4/21/2011	<0.003	
10/13/2011	<0.003	
5/1/2012	<0.003	
10/9/2012	<0.003	
4/11/2013	<0.003	
10/16/2013	<0.003	
4/23/2014	<0.003	
10/4/2014	0.0031 (J)	
3/31/2015	0.0068	
10/12/2015	<0.003	
3/23/2016	0.0035	
5/23/2016	<0.003	
7/29/2016	0.0029 (J)	
9/22/2016	0.0041	
11/10/2016	0.0048 (J)	
1/31/2017	<0.003	
3/30/2017	0.001 (J)	
6/12/2017	<0.003	
10/4/2017	0.0009 (J)	
3/19/2018	0.0019 (J)	
9/17/2018	0.0011 (J)	
3/20/2019		0.0019 (J)
9/13/2019		0.0013 (J)
3/11/2020		0.0045
3/29/2021		<0.003
8/9/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.003	
5/11/2016	<0.003	
7/21/2016	<0.003	
9/15/2016	<0.003	
11/3/2016	0.0021 (J)	
1/17/2017	<0.003	
3/24/2017	<0.003	
5/24/2017	<0.003	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019		<0.003
9/9/2019		<0.003
3/9/2020		<0.003
9/11/2020		<0.003
3/10/2021		<0.003
8/4/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.003	
5/12/2016	<0.003	
7/20/2016	<0.003	
9/15/2016	<0.003	
11/3/2016	<0.003	
1/18/2017	<0.003	
3/24/2017	<0.003	
6/6/2017	<0.003	
9/25/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/14/2019		<0.003
9/10/2019		<0.003 (D)
3/6/2020		<0.003
9/10/2020		<0.003
3/11/2021		0.00038 (J)
8/4/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.003	
5/13/2016	<0.003	
7/21/2016	<0.003 (*)	
9/21/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	0.0008 (J)	
6/6/2017	<0.003	
9/25/2017	0.0035	
3/14/2018	<0.003	
9/12/2018	0.003	
3/14/2019		<0.003
9/10/2019		0.0029 (J)
3/9/2020		0.0037
9/10/2020		0.0019 (J)
3/10/2021		0.00037 (J)
8/4/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.003	
5/16/2016	<0.003	
7/22/2016	0.002 (J)	
9/19/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	<0.003	
6/7/2017	<0.003	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/14/2018	<0.003	
3/14/2019		<0.003
9/10/2019		<0.003
3/6/2020		<0.003
9/10/2020		<0.003
3/11/2021		<0.003
8/4/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003 (*)	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	<0.003	
3/28/2017	<0.003	
6/6/2017	<0.003	
9/22/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019		<0.003
9/11/2019		<0.003
3/9/2020		0.00062 (J)
9/11/2020		<0.003
3/11/2021		<0.003
8/6/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	0.0013 (J)	
3/28/2017	<0.003	
6/6/2017	0.0007 (J)	
9/22/2017	0.0012 (J)	
3/15/2018	<0.003	
9/12/2018	<0.003	
3/13/2019		<0.003
9/11/2019		0.00029 (J)
3/9/2020		0.00037 (J)
9/14/2020		<0.003
3/11/2021		0.00074 (J)
8/5/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0018 (J)	
4/7/2017	0.0008 (J)	
6/14/2017	0.00205 (D)	
7/12/2017	0.0015 (JD)	
7/20/2017	<0.003 (D)	
7/28/2017	<0.003	
8/9/2017	<0.003	
8/24/2017	0.0007 (J)	
10/3/2017	<0.003 (D)	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/21/2019		<0.003 (D)
9/12/2019		0.00052 (JD)
3/12/2020		0.0017 (J)
9/17/2020		0.00087 (J)
3/16/2021		0.00082 (J)
8/10/2021		0.0013 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.003	
4/23/2009	<0.003	
10/6/2009	<0.003	
4/27/2010	<0.003	
9/30/2010	<0.003	
4/14/2011	<0.003	
10/5/2011	<0.003	
4/11/2012	<0.003	
10/2/2012	<0.003	
4/9/2013	<0.003	
10/15/2013	<0.003	
4/10/2014	<0.003	
10/1/2014	<0.003	
3/30/2015	<0.003	
10/11/2015	<0.003	
3/28/2016	0.00139 (J)	
5/23/2016	0.000677 (J)	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/10/2016	<0.003	
1/30/2017	<0.003	
4/7/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/17/2018	<0.003	
3/19/2019		<0.003
9/13/2019		<0.003
3/11/2020		0.0005 (J)
9/16/2020		<0.003
3/17/2021		<0.003
8/9/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.003	
4/23/2009	<0.003	
10/6/2009	<0.003	
5/3/2010	<0.003	
10/11/2010	<0.003	
4/27/2011	<0.003	
10/19/2011	<0.003	
5/1/2012	<0.003	
10/2/2012	<0.003	
4/10/2013	<0.003	
10/16/2013	<0.003	
4/22/2014	<0.003	
10/1/2014	<0.003	
3/30/2015	<0.003	
10/11/2015	<0.003	
3/28/2016	<0.003	
5/25/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/11/2016	<0.003	
1/30/2017	<0.003	
4/3/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/18/2018	<0.003	
3/19/2019		<0.003
9/12/2019		<0.003
3/11/2020		<0.003
9/15/2020		0.00048 (J)
3/17/2021		<0.003
8/9/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.003	
11/1/2007	<0.003	
11/20/2007	<0.003	
1/30/2008	<0.003	
3/6/2008	<0.003	
5/8/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/21/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
10/8/2012	<0.003	
4/3/2013	<0.003	
10/15/2013	<0.003	
4/9/2014	<0.003	
10/2/2014	<0.003	
4/2/2015	<0.003	
10/12/2015	<0.003	
3/31/2016	<0.003	
5/26/2016	0.000659 (J)	
8/3/2016	<0.003	
9/28/2016	0.0037 (O)	
11/22/2016	<0.003	
2/7/2017	<0.003	
4/10/2017	<0.003	
6/14/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/22/2019		<0.003
9/17/2019		<0.003
3/12/2020		<0.003
9/17/2020		<0.003
3/18/2021		<0.003
8/11/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.003	
11/1/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/22/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
10/3/2012	<0.003	
4/3/2013	<0.003	
10/9/2013	<0.003	
4/2/2014	<0.003	
10/2/2014	<0.003	
4/1/2015	<0.003	
10/11/2015	<0.003	
4/4/2016	<0.003	
5/26/2016	0.000722 (J)	
8/3/2016	<0.003	
9/28/2016	<0.003	
11/22/2016	<0.003	
2/8/2017	<0.003	
4/10/2017	<0.003	
6/15/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/23/2019		0.00094 (J)
9/17/2019		0.00041 (J)
3/12/2020		0.0013 (J)
9/21/2020		0.00091 (J)
3/19/2021		0.00032 (J)
8/11/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.003	
11/1/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/6/2008	<0.003	
5/7/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/22/2009	<0.003	
4/21/2010	<0.003	
9/29/2010	<0.003	
4/13/2011	<0.003	
10/4/2011	<0.003	
4/4/2012	<0.003	
10/3/2012	<0.003	
4/3/2013	<0.003	
10/9/2013	<0.003	
4/2/2014	<0.003	
10/2/2014	0.0044 (J)	
4/1/2015	0.0087	
10/11/2015	0.007	
4/4/2016	0.00252 (J)	
5/26/2016	0.00351	
8/4/2016	<0.003	
9/28/2016	0.0012 (J)	
11/22/2016	0.0042	
2/8/2017	<0.003	
4/10/2017	<0.003	
6/15/2017	<0.003	
10/4/2017	<0.003	
3/22/2018	<0.003	
9/18/2018	<0.003	
3/23/2019		<0.003
9/17/2019		0.0013 (J)
3/12/2020		0.001 (J)
9/21/2020		0.0053
3/19/2021		0.012
5/26/2021		0.0037
8/11/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/31/2008	<0.003	
3/5/2008	<0.003	
5/12/2008	<0.003	
12/13/2008	<0.003	
4/28/2009	<0.003	
10/21/2009	<0.003	
4/28/2010	<0.003	
10/5/2010	<0.003	
4/19/2011	<0.003	
10/18/2011	<0.003	
4/25/2012	<0.003	
10/2/2012	<0.003	
4/2/2013	<0.003	
10/8/2013	<0.003	
4/1/2014	<0.003	
10/1/2014	<0.003	
4/1/2015	<0.003	
10/15/2015	<0.003	
4/4/2016	<0.003	
5/31/2016	<0.003	
8/4/2016	<0.003	
9/29/2016	<0.003	
11/28/2016	<0.003	
2/9/2017	<0.003	
4/12/2017	<0.003	
6/16/2017	<0.003	
10/9/2017	<0.003	
3/21/2018	<0.003	
9/19/2018	<0.003	
3/23/2019		<0.003
9/18/2019		0.0012 (J)
3/13/2020		0.0023 (J)
9/22/2020		<0.003
3/18/2021		0.00078 (J)
8/11/2021		0.0019 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/31/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/12/2008	<0.003	
4/29/2009	<0.003	
10/21/2009	<0.003	
4/28/2010	<0.003	
10/6/2010	<0.003	
4/20/2011	<0.003	
10/12/2011	<0.003	
4/25/2012	<0.003	
10/2/2012	<0.003	
4/2/2013	0.007 (O)	
10/8/2013	0.01 (O)	
4/1/2014	0.011 (O)	
10/1/2014	0.018 (O)	
3/31/2015	0.011 (O)	
10/14/2015	0.0083 (O)	
4/4/2016	0.00447	
6/1/2016	0.00377	
2/22/2017	0.0044	
4/11/2017	0.0019 (J)	
6/16/2017	<0.003	
7/12/2017	0.0018 (J)	
7/28/2017	0.0011 (J)	
8/10/2017	0.0012 (J)	
10/6/2017	0.0013 (J)	
3/23/2018	0.0015 (J)	
9/20/2018	0.0013 (J)	
3/22/2019		0.0014 (J)
9/18/2019		0.00077 (X)
3/17/2020		0.0009 (J)
9/22/2020		0.00079 (J)
3/19/2021		0.0011 (J)
8/12/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.005	
11/2/2007	<0.003	
11/17/2007	<0.003	
1/15/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/2/2008	<0.003	
4/16/2009	<0.003	
10/20/2009	<0.003	
4/20/2010	<0.003	
9/29/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/4/2012	<0.003	
10/10/2012	<0.003	
4/15/2013	<0.003	
10/22/2013	<0.003	
4/21/2014	<0.003	
9/30/2014	<0.003	
4/3/2015	<0.003	
10/7/2015	<0.003	
4/5/2016	<0.003	
6/1/2016	0.000895 (J)	
8/9/2016	0.0017 (JD)	
11/28/2016	<0.003	
2/9/2017	<0.003	
4/11/2017	<0.003	
6/14/2017	0.0006 (J)	
7/12/2017	<0.003	
10/5/2017	<0.003	
3/22/2018	<0.003	
9/19/2018	<0.003	
3/22/2019		<0.003
9/17/2019		<0.003
3/13/2020		0.00053 (J)
9/21/2020		<0.003
3/18/2021		<0.003
8/11/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.003	
11/2/2007	<0.003	
11/17/2007	<0.003	
1/15/2008	<0.003	
3/6/2008	<0.003	
5/7/2008	<0.003	
12/2/2008	<0.003	
4/28/2009	<0.003	
10/19/2009	<0.003	
4/27/2010	<0.003	
10/4/2010	<0.003	
4/18/2011	<0.003	
10/12/2011	0.0052	
4/23/2012	<0.003	
10/10/2012	<0.003	
4/15/2013	<0.003	
10/22/2013	<0.003	
4/21/2014	0.005 (J)	
9/30/2014	0.0024 (J)	
4/3/2015	0.0072	
10/7/2015	0.0045 (J)	
4/5/2016	0.00727	
5/31/2016	0.00649	
8/4/2016	0.0038	
9/29/2016	0.0106	
11/23/2016	0.0098	
2/10/2017	0.0014 (J)	
4/12/2017	0.0026 (J)	
6/15/2017	<0.003	
10/6/2017	0.0008 (J)	
3/23/2018	0.001 (J)	
9/19/2018	0.0011 (J)	
3/25/2019		<0.003
9/17/2019		0.0017 (J)
3/13/2020		0.00056 (J)
9/21/2020		0.0021 (J)
3/18/2021		0.00045 (J)
8/11/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.003	
11/2/2007	<0.003	
11/18/2007	<0.003	
1/15/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/2/2008	<0.003	
4/28/2009	<0.003	
10/20/2009	<0.003	
4/27/2010	<0.003	
10/5/2010	<0.003	
4/19/2011	<0.003	
10/12/2011	<0.003	
4/25/2012	<0.003	
10/10/2012	<0.003	
4/16/2013	0.0053	
10/22/2013	<0.003	
4/21/2014	0.005 (J)	
9/30/2014	<0.003	
4/3/2015	<0.003	
10/6/2015	0.0025 (J)	
4/5/2016	0.053 (O)	
5/31/2016	0.00088 (J)	
11/23/2016	<0.003	
2/10/2017	<0.003	
4/11/2017	<0.003	
6/15/2017	<0.003	
7/12/2017	<0.003	
7/26/2017	<0.003	
10/6/2017	<0.003	
3/23/2018	0.00089 (J)	
9/19/2018	<0.003	
3/22/2019		<0.003
9/17/2019		<0.003
3/13/2020		<0.003
9/21/2020		<0.003
3/18/2021		<0.003
8/11/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.003 (D)	
5/16/2016	0.00109 (JD)	
7/25/2016	0.00185 (D)	
9/19/2016	<0.003 (D)	
11/4/2016	<0.003 (D)	
1/23/2017	<0.003 (D)	
3/29/2017	0.0018 (JD)	
6/7/2017	0.0009 (J)	
9/27/2017	0.0111 (O)	
12/29/2017	0.0012 (Y)	
3/15/2018	0.00086 (J)	
9/13/2018	0.0029 (J)	
3/14/2019		0.0015 (JD)
9/11/2019	0.014 (O)	
3/10/2020		0.00087 (J)
9/11/2020		0.0076
12/15/2020		0.0014 (J)
3/11/2021		0.00062 (J)
8/6/2021		0.0017 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.00426 (D)	
5/16/2016	0.00267 (JD)	
7/25/2016	0.0017 (JD)	
9/19/2016	<0.003 (D)	
11/3/2016	0.0017 (JD)	
1/20/2017	0.001 (JD)	
3/29/2017	0.001 (JD)	
6/7/2017	0.0009 (J)	
9/27/2017	0.0012 (J)	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/14/2019		<0.003 (D)
9/11/2019		<0.003 (D)
3/10/2020		<0.003
9/11/2020		0.00043 (J)
3/11/2021		<0.003
8/6/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.003	
5/17/2016	<0.003	
7/26/2016	<0.003	
9/20/2016	0.001 (J)	
11/4/2016	<0.003	
1/20/2017	<0.003	
3/28/2017	<0.003	
6/7/2017	<0.003	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/18/2019		<0.003
9/11/2019		<0.003
3/10/2020		<0.003
9/14/2020		<0.003
3/11/2021		<0.003
8/5/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.003	
5/18/2016	<0.003	
7/27/2016	0.0006 (J)	
9/20/2016	<0.003	
11/7/2016	<0.003	
1/23/2017	<0.003	
3/29/2017	<0.003	
6/8/2017	<0.003	
9/27/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/15/2019		<0.003
9/12/2019		<0.003
3/9/2020		0.00032 (J)
9/14/2020		<0.003
3/11/2021		<0.003
8/5/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.003	
5/18/2016	0.000987 (J)	
7/27/2016	0.0008 (J)	
9/20/2016	0.0012 (J)	
11/4/2016	0.001 (J)	
1/20/2017	0.0013 (J)	
3/29/2017	0.0004 (J)	
6/8/2017	<0.003 (*)	
9/27/2017	<0.003	
3/16/2018	<0.003	
9/13/2018	<0.003	
3/19/2019		<0.003
9/11/2019		0.00099 (J)
3/9/2020		0.00056 (J)
9/15/2020		0.00053 (J)
3/11/2021		0.00038 (J)
8/5/2021		0.00082 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.003	
5/17/2016	<0.003	
7/27/2016	0.0006 (J)	
9/20/2016	0.0018 (J)	
11/4/2016	<0.003	
1/23/2017	<0.003	
3/28/2017	<0.003	
6/8/2017	<0.003 (*)	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/15/2019		<0.003
9/11/2019		<0.003 (D)
3/9/2020		<0.003
9/14/2020		<0.003
3/11/2021		<0.003
8/4/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	0.003	
5/18/2016	<0.003	
7/27/2016	0.0023 (J)	
9/21/2016	0.0013 (J)	
11/4/2016	<0.003	
1/24/2017	<0.003	
3/29/2017	<0.003	
6/8/2017	<0.003 (*)	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/18/2019		<0.003
9/11/2019		0.0032
3/11/2020		0.0012 (J)
9/11/2020		0.0011 (J)
3/15/2021		0.0019 (J)
8/11/2021		0.0033

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.003	
5/18/2016	<0.003	
7/28/2016	<0.003	
9/21/2016	<0.003	
11/7/2016	<0.003 (*)	
1/24/2017	0.0024 (J)	
3/30/2017	0.0011 (J)	
6/9/2017	<0.003 (*)	
9/29/2017	0.0009 (J)	
3/15/2018	0.0012 (J)	
9/14/2018	0.00083 (J)	
3/19/2019		0.0011 (J)
9/11/2019		0.00065 (J)
3/9/2020		0.0018 (J)
9/14/2020		0.0017 (J)
3/15/2021		0.00086 (J)
8/5/2021		0.0024 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.003	
10/25/2007	<0.003	
11/19/2007	<0.003	
1/23/2008	<0.003	
3/11/2008	<0.003	
5/12/2008	<0.003	
12/11/2008	<0.003	
4/15/2009	<0.003	
10/9/2009	<0.003	
5/4/2010	<0.003	
10/12/2010	<0.003	
4/28/2011	<0.003	
10/19/2011	<0.003	
5/2/2012	<0.003	
10/9/2012	<0.003	
4/11/2013	<0.003	
10/16/2013	<0.003	
4/23/2014	<0.003	
10/3/2014	<0.003	
3/31/2015	<0.003	
10/12/2015	<0.003	
3/28/2016	0.0284 (O)	
5/25/2016	0.000686 (J)	
8/1/2016	<0.003	
9/27/2016	<0.003	
11/11/2016	<0.003	
1/31/2017	<0.003	
4/3/2017	<0.003	
6/12/2017	<0.003	
10/3/2017	<0.003	
3/19/2018	<0.003	
9/17/2018	<0.003	
3/20/2019		<0.003
9/16/2019		<0.003
3/16/2020		0.00031 (J)
9/16/2020		<0.003
3/17/2021		<0.003
8/9/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.003	
10/25/2007	<0.003	
11/20/2007	<0.003	
1/23/2008	<0.003	
3/11/2008	<0.003	
5/14/2008	<0.003	
12/11/2008	<0.003	
4/23/2009	<0.003	
10/9/2009	<0.003	
5/4/2010	<0.003	
10/11/2010	<0.003	
4/26/2011	<0.003	
10/18/2011	<0.003	
5/2/2012	<0.003	
10/8/2012	<0.003	
4/10/2013	<0.003	
10/8/2013	<0.003	
4/14/2014	<0.003	
10/3/2014	<0.003	
4/1/2015	0.0035 (J)	
10/9/2015	<0.003	
3/29/2016	<0.003	
5/24/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/18/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	0.001 (J)	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/19/2018	<0.003	
9/17/2018	<0.003	
3/21/2019		<0.003
9/16/2019		<0.003
3/12/2020		0.00052 (J)
9/16/2020		<0.003
3/17/2021		<0.003
8/10/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.003	
6/18/2015	<0.003 (D)	
7/2/2015	<0.003	
10/9/2015	<0.003	
3/29/2016	0.0364 (O)	
5/24/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/14/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	0.0006 (J)	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/20/2018	<0.003	
9/17/2018	0.0023 (J)	
3/21/2019		<0.003
9/16/2019		<0.003
3/12/2020		0.0011 (J)
9/16/2020		<0.003
3/17/2021		<0.003
8/10/2021		0.0028 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.003	
8/2/2016	<0.003	
9/27/2016	<0.003	
11/21/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	<0.003	
6/13/2017	<0.003	
7/14/2017	0.0008 (J)	
10/3/2017	<0.003	
3/20/2018	<0.003	
9/18/2018	<0.003	
3/21/2019		<0.003
9/13/2019		0.002 (J)
3/12/2020		0.00066 (J)
9/16/2020		0.0012 (J)
3/17/2021		0.00099 (J)
8/10/2021		0.0017 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.003	
4/30/2012	<0.003	
10/3/2012	<0.003	
4/8/2013	<0.003	
10/9/2013	<0.003	
4/10/2014	<0.003	
10/2/2014	0.0025 (J)	
4/3/2015	<0.003	
10/8/2015	<0.003	
3/30/2016	<0.003	
5/24/2016	<0.003	
8/2/2016	<0.003	
9/27/2016	<0.003	
11/22/2016	<0.003	
2/6/2017	0.0015 (J)	
4/6/2017	0.0007 (J)	
6/14/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/27/2019		<0.003
9/16/2019		<0.003 (D)
3/12/2020		0.00043 (J)
9/17/2020		0.00082 (J)
3/17/2021		<0.003
8/10/2021		0.0015 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/15/2008	<0.003	
3/6/2008	<0.003	
5/13/2008	<0.003	
12/12/2008	<0.003	
4/16/2009	<0.003	
10/13/2009	<0.003	
4/21/2010	<0.003	
9/29/2010	<0.003	
4/13/2011	<0.003	
10/5/2011	<0.003	
4/4/2012	<0.003	
10/8/2012	<0.003	
4/8/2013	<0.003	
10/9/2013	<0.003	
4/9/2014	<0.003	
9/30/2014	<0.003	
4/2/2015	<0.003	
10/10/2015	<0.003 (D)	
3/30/2016	<0.003	
5/26/2016	<0.003	
8/5/2016	<0.003	
9/28/2016	<0.003	
11/21/2016	<0.003	
2/6/2017	<0.003	
4/6/2017	<0.003	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/20/2018	0.001 (J)	
9/18/2018	<0.003 (D)	
3/21/2019		<0.003
9/16/2019		<0.003
3/12/2020		<0.003
9/17/2020		<0.003
3/18/2021		<0.003
8/10/2021		<0.003

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	<0.005	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	0.0005 (J)	
10/2/2017	<0.005	
3/16/2018	0.00085 (J)	
9/17/2018	<0.005 (D)	
3/20/2019		<0.005
9/12/2019		0.0004 (J)
3/11/2020		0.00088 (J)
9/15/2020		<0.005
3/16/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0056	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	0.0008 (J)	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	0.0007 (J)	
6/9/2017	0.0006 (J)	
10/2/2017	0.0005 (J)	
3/16/2018	0.001 (J)	
9/14/2018	<0.005	
3/19/2019		<0.005
9/13/2019		0.00051 (J)
3/11/2020		0.00044 (J)
9/15/2020		0.00081 (J)
3/16/2021		<0.005
8/9/2021		0.0031 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0011 (JD)	
2/21/2017	<0.005	
3/27/2017	0.0007 (JD)	
6/8/2017	0.0007 (JD)	
7/17/2017	0.0005 (JD)	
7/27/2017	<0.005	
8/9/2017	0.0008 (J)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019		<0.005
3/9/2020		0.00083 (J)
9/16/2020		<0.005
3/16/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	<0.005	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	0.0007 (J)	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019		<0.005
9/9/2019		0.00043 (J)
3/9/2020		<0.005
9/10/2020		<0.005
3/12/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019		<0.005
9/13/2019		<0.005
3/11/2020		<0.005
3/29/2021		0.001 (J)
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005	
5/24/2017	<0.005	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/9/2019		0.00068 (J)
3/9/2020		<0.005
9/11/2020		<0.005
3/10/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0012 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	0.0008 (J)	
6/6/2017	<0.005 (*)	
9/25/2017	0.001 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/10/2019		<0.005
3/9/2020		<0.005
9/10/2020		<0.005
3/10/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	0.0005 (J)	
6/6/2017	<0.005 (*)	
9/22/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/11/2019		<0.005
3/9/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0019 (J)	
4/7/2017	0.0008 (J)	
6/14/2017	0.0006 (JD)	
7/12/2017	<0.005 (D)	
7/20/2017	0.0009 (JD)	
7/28/2017	<0.005	
8/9/2017	0.0011 (J)	
8/24/2017	0.0007 (J)	
10/3/2017	0.0005 (JD)	
3/21/2018	0.0012 (J)	
9/18/2018	<0.005	
3/21/2019		<0.005 (D)
9/12/2019		0.0006 (JD)
3/12/2020		0.0033 (J)
9/17/2020		0.0011 (J)
3/16/2021		0.00098 (J)
8/10/2021		0.0025 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.005	
11/1/2007	<0.005	
11/20/2007	0.0079	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.015 (O)	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/7/2017	<0.005	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	0.0006 (J)	
3/20/2018	0.00079 (J)	
9/18/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/12/2020		<0.005
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	0.00058 (J)	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		<0.005
3/12/2020		<0.005
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	0.0057	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	0.006	
4/2/2014	0.005 (J)	
10/2/2014	0.0036 (J)	
4/1/2015	0.0077	
10/11/2015	0.0071	
4/4/2016	0.00315 (J)	
5/26/2016	0.00313 (J)	
8/4/2016	0.0032 (J)	
9/28/2016	0.0029 (J)	
11/22/2016	0.0048 (J)	
2/8/2017	0.0022 (J)	
4/10/2017	0.002 (J)	
6/15/2017	0.0014 (J)	
10/4/2017	0.002 (J)	
3/22/2018	0.0022 (J)	
9/18/2018	<0.005	
3/23/2019		0.0016 (J)
9/17/2019		0.0016 (J)
3/12/2020		0.0012 (J)
9/21/2020		0.0012 (J)
3/19/2021		0.0013 (J)
8/11/2021		0.0017 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/16/2008	0.0086	
3/5/2008	<0.005	
5/13/2008	<0.005	
12/13/2008	0.012	
4/16/2009	0.008	
10/21/2009	0.0081	
10/5/2010	0.0067	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	0.0086	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/9/2013	0.0094	
4/1/2014	0.0097	
10/2/2014	0.0055	
4/1/2015	0.011	
10/14/2015	0.007	
4/4/2016	0.00645	
5/27/2016	0.00692	
8/3/2016	0.0068	
9/30/2016	0.0065	
11/22/2016	0.0066	
2/13/2017	0.0092	
4/11/2017	0.0051	
6/14/2017	0.0056	
10/4/2017	0.0068	
3/22/2018	0.0055	
9/18/2018	0.0064	
3/23/2019		0.0055
9/17/2019		0.00465 (JD)
3/12/2020		0.0053
9/21/2020		0.0065
3/19/2021		0.0052
8/11/2021		0.0042 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.0096	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	0.0022 (J)	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	0.00124 (J)	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/12/2017	0.001 (J)	
6/16/2017	0.0007 (J)	
10/9/2017	0.0006 (J)	
3/21/2018	0.0013 (J)	
9/19/2018	<0.005	
3/23/2019		0.00067 (J)
9/18/2019		0.00052 (J)
3/13/2020		0.00096 (J)
9/22/2020		0.00098 (J)
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.02 (O)	
4/29/2009	0.0066	
10/21/2009	<0.005	
4/28/2010	0.016 (O)	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	0.0021 (J)	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	0.00144 (JD)	
6/1/2016	0.0011 (JD)	
2/22/2017	<0.005	
4/11/2017	0.0011 (JD)	
6/16/2017	0.0043 (JD)	
7/12/2017	0.0013 (JD)	
7/28/2017	0.0013 (J)	
8/10/2017	0.0011 (J)	
10/6/2017	0.0013 (JD)	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019		0.00097 (J)
9/18/2019		0.00045 (X)
3/17/2020		0.00067 (J)
9/22/2020		0.00086 (J)
3/19/2021		0.00084 (J)
8/12/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/5/2008	0.0079	
5/7/2008	<0.005	
12/2/2008	0.014 (O)	
4/16/2009	0.0069	
10/20/2009	0.0054	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
6/1/2016	<0.005	
8/9/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
7/12/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	0.00096 (J)	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/13/2020		<0.005
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	0.0005 (J)	
6/15/2017	<0.005	
10/6/2017	0.0008 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019		<0.005
9/17/2019		<0.005
3/13/2020		0.00047 (J)
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/15/2008	0.0077	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/2/2008	0.0061	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	0.005 (J)	
9/30/2014	0.0025 (J)	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	0.00105 (J)	
5/31/2016	0.00261 (J)	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	0.0007 (J)	
6/15/2017	<0.005	
7/12/2017	<0.005	
7/26/2017	<0.005	
10/6/2017	0.0009 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/13/2020		0.00052 (J)
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.0657 (O)	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	0.0009 (J)	
6/5/2017	0.0033 (J)	
9/26/2017	0.0008 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/11/2019		<0.005
3/10/2020		0.0013 (J)
9/15/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005 (D)	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	<0.005 (D)	
6/7/2017	<0.005 (*)	
9/27/2017	0.0006 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019		<0.005 (D)
9/11/2019		<0.005 (D)
3/10/2020		<0.005
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	0.0004 (J)	
6/7/2017	<0.005 (*)	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019		<0.005
9/11/2019		<0.005
3/10/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	<0.005	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	0.0006 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019		<0.005
9/12/2019		<0.005
3/9/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0551 (O)	
5/18/2016	0.00127 (J)	
7/27/2016	0.0012 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	0.001 (J)	
9/27/2017	0.0009 (J)	
3/16/2018	<0.005	
9/13/2018	0.00091 (J)	
3/19/2019		<0.005
9/11/2019		0.00067 (J)
3/9/2020		0.00051 (J)
9/15/2020		<0.005
3/11/2021		<0.005
8/5/2021		0.0012 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/21/2016	<0.005	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019		<0.005
9/11/2019		<0.005
3/11/2020		0.00041 (J)
9/11/2020		<0.005
3/15/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.005	
10/25/2007	<0.005	
11/19/2007	<0.005	
1/23/2008	<0.005	
3/11/2008	<0.005	
5/12/2008	<0.005	
12/11/2008	<0.005	
4/15/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/12/2010	<0.005	
4/28/2011	<0.005	
10/19/2011	<0.005	
5/2/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	<0.005	
10/3/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/27/2016	<0.005	
11/11/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0006 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019		<0.005
9/16/2019		<0.005
3/16/2020		<0.005
9/16/2020		<0.005
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	<0.005	
11/20/2007	<0.005	
1/23/2008	<0.005	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/11/2008	<0.005	
4/23/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	0.014 (O)	
10/11/2010	<0.005	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	<0.005	
10/3/2014	<0.005	
4/1/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/18/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	0.0006 (J)	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	0.00089 (J)	
9/17/2018	<0.005	
3/21/2019		<0.005
9/16/2019		0.00071 (J)
3/12/2020		0.00055 (J)
9/16/2020		<0.005
3/17/2021		0.0013 (J)
8/10/2021		0.0016 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/14/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/17/2018	<0.005	
3/21/2019		<0.005
9/16/2019		0.00038 (J)
3/12/2020		<0.005
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.005	
8/2/2016	0.0031 (J)	
9/27/2016	0.0028 (J)	
11/21/2016	0.0031 (J)	
2/1/2017	0.0031 (J)	
4/6/2017	0.003 (J)	
6/13/2017	0.0024 (J)	
7/14/2017	0.0029 (J)	
10/3/2017	0.0018 (J)	
3/20/2018	0.0024 (J)	
9/18/2018	<0.005	
3/21/2019		0.00077 (J)
9/13/2019		0.0017 (J)
3/12/2020		0.00044 (J)
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		0.0013 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.0029 (J)	
3/30/2016	<0.005	
5/24/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/22/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	0.00077 (J)	
9/18/2018	<0.005	
3/27/2019		<0.005
9/16/2019		0.0004 (JD)
3/12/2020		0.00039 (J)
9/17/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	<0.005	
5/25/2016	<0.005	
8/2/2016	<0.005	
9/26/2016	<0.005	
11/21/2016	<0.005	
2/3/2017	<0.005	
4/7/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	0.0006 (J)	
9/18/2018	<0.005	
5/6/2019		0.00063 (J)
9/16/2019		0.00043 (J)
3/16/2020		<0.005
9/17/2020		<0.005
3/18/2021		0.00082 (J)
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/15/2008	0.0086	
3/6/2008	<0.005	
5/13/2008	<0.005	
12/12/2008	0.0065	
4/16/2009	<0.005	
10/13/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005 (D)	
3/30/2016	0.0241 (O)	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019		<0.005
9/16/2019		0.00044 (J)
3/12/2020		<0.005
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.02	
10/23/2007	0.039	
11/18/2007	0.04 (J)	
1/30/2008	0.04	
3/10/2008	0.033	
5/13/2008	0.03	
12/5/2008	0.0087	
4/15/2009	0.023	
10/7/2009	0.15 (O)	
5/3/2010	0.025	
10/12/2010	0.029	
4/27/2011	0.026	
10/17/2011	0.021	
5/2/2012	0.0212	
10/8/2012	0.019	
4/12/2013	0.022	
10/16/2013	0.02	
4/11/2014	0.018	
9/30/2014	0.013	
3/30/2015	0.021	
10/13/2015	0.012	
3/22/2016	0.0182	
5/19/2016	0.0193	
7/29/2016	0.0174	
9/23/2016	0.0168	
11/9/2016	0.0171	
1/30/2017	0.019	
3/30/2017	0.0184	
6/9/2017	0.0174	
10/2/2017	0.0167	
3/16/2018	0.016	
9/17/2018	0.015 (D)	
3/20/2019		0.019
9/12/2019		0.018
3/11/2020		0.016
9/15/2020		0.019
3/16/2021		0.018
8/9/2021		0.019

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0073	
10/24/2007	0.027	
11/18/2007	0.13 (O)	
1/31/2008	0.0077	
3/11/2008	0.015	
5/6/2008	0.017	
12/4/2008	0.14 (O)	
4/21/2009	0.018	
10/7/2009	0.014	
4/26/2010	0.017	
10/4/2010	0.011	
4/13/2011	0.026	
10/5/2011	0.021	
4/11/2012	0.0311	
10/9/2012	0.018	
4/15/2013	0.056	
10/15/2013	0.018	
4/22/2014	0.035	
9/30/2014	0.0041	
3/30/2015	0.036	
10/13/2015	0.0048	
3/23/2016	0.0271	
5/20/2016	0.0206	
7/29/2016	0.0275	
9/23/2016	0.0384	
11/9/2016	0.0266	
1/31/2017	0.0094 (J)	
3/30/2017	0.0262	
6/12/2017	0.0288	
10/2/2017	0.0048 (J)	
3/19/2018	0.037	
9/14/2018	0.0059 (J)	
3/20/2019		0.0072 (J)
9/12/2019		0.0058 (JD)
3/11/2020		0.035
9/15/2020		0.019
3/17/2021		0.025
8/9/2021		0.024

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0098	
10/24/2007	0.015	
11/18/2007	0.011	
1/31/2008	0.13 (O)	
3/10/2008	0.0078	
5/13/2008	0.0077	
12/4/2008	0.0089	
4/21/2009	0.013	
10/8/2009	0.008	
4/21/2010	0.01	
9/28/2010	0.0036	
4/12/2011	0.0084	
10/4/2011	0.0066	
4/3/2012	0.0625 (O)	
10/9/2012	0.01	
4/11/2013	0.021	
10/16/2013	0.033	
4/10/2014	0.021	
9/30/2014	0.0062	
3/30/2015	0.011	
10/13/2015	0.0065	
3/23/2016	0.0206	
5/19/2016	0.0109	
7/29/2016	0.007 (J)	
9/22/2016	0.0071 (J)	
11/10/2016	0.0052 (J)	
1/31/2017	0.0076 (J)	
4/3/2017	0.007 (J)	
6/9/2017	0.0074 (J)	
10/2/2017	0.0085 (J)	
3/16/2018	0.015	
9/14/2018	0.0095 (J)	
3/19/2019		0.024
9/13/2019		0.012
3/11/2020		0.027
9/15/2020		0.013
3/16/2021		0.013
8/9/2021		0.029

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0113 (D)	
7/27/2016	0.0114 (D)	
2/21/2017	0.0178	
3/27/2017	0.0162 (D)	
6/8/2017	0.0156 (D)	
7/17/2017	0.016 (D)	
7/27/2017	0.0184	
8/9/2017	0.0162	
9/29/2017	0.0159 (D)	
3/16/2018	0.016	
9/14/2018	0.015	
3/14/2019		0.018
3/9/2020		0.017
9/16/2020		0.027
3/16/2021		0.014
8/6/2021		0.014

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.01	
5/11/2016	0.00793 (J)	
7/19/2016	0.0045 (J)	
9/15/2016	0.0057 (J)	
11/2/2016	0.0043 (J)	
1/18/2017	<0.01 (*)	
3/28/2017	0.0188	
6/7/2017	0.0273	
9/26/2017	0.0236	
3/14/2018	0.027	
9/12/2018	0.022	
3/15/2019		0.019
9/9/2019		0.015
3/9/2020		0.0072 (J)
9/10/2020		0.0042 (J)
3/12/2021		0.014
8/4/2021		0.011

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.015 (O)	
11/2/2007	0.017 (O)	
11/18/2007	0.019 (O)	
1/31/2008	0.011 (O)	
3/11/2008	0.016 (O)	
5/14/2008	0.013 (O)	
12/5/2008	0.021 (O)	
4/15/2009	0.012 (O)	
10/8/2009	0.011 (O)	
4/28/2010	0.0081	
10/6/2010	0.0083	
4/21/2011	0.0053	
10/13/2011	0.0071	
5/1/2012	0.0067	
10/9/2012	0.0055	
4/11/2013	0.0061	
10/16/2013	0.0062	
4/23/2014	0.0047	
10/4/2014	0.0055	
3/31/2015	0.0076	
10/12/2015	0.0049	
3/23/2016	0.00742 (J)	
5/23/2016	0.00532 (J)	
7/29/2016	0.0053 (J)	
9/22/2016	0.0058 (J)	
11/10/2016	0.0051 (J)	
1/31/2017	0.0054 (J)	
3/30/2017	0.0049 (J)	
6/12/2017	<0.01	
10/4/2017	0.0047 (J)	
3/19/2018	0.0047 (J)	
9/17/2018	0.0041 (J)	
3/20/2019		0.0042 (J)
9/13/2019		0.0042 (J)
3/11/2020		0.0041 (J)
3/29/2021		0.0073
8/9/2021		0.0073

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<3 (O)	
5/11/2016	0.00992 (J)	
7/21/2016	0.009 (J)	
9/15/2016	0.0109	
11/3/2016	0.0115	
1/17/2017	0.0101	
3/24/2017	0.0086 (J)	
5/24/2017	0.0087 (J)	
9/26/2017	0.0075 (J)	
3/14/2018	0.0064 (J)	
9/12/2018	0.0075 (J)	
3/13/2019		0.0076 (J)
9/9/2019		0.0078 (J)
3/9/2020		0.0088 (J)
9/11/2020		0.0079 (J)
3/10/2021		0.0083
8/4/2021		0.008

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	0.0291	
5/12/2016	0.0322	
7/20/2016	0.0313	
9/15/2016	0.0217	
11/3/2016	0.0272	
1/18/2017	0.0286 (J)	
3/24/2017	0.0307	
6/6/2017	0.0242	
9/25/2017	0.0252	
3/14/2018	0.021	
9/12/2018	0.025	
3/14/2019		0.028
9/10/2019		0.0195 (D)
3/6/2020		0.022
9/10/2020		0.024
3/11/2021		0.024
8/4/2021		0.021

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.0462	
5/13/2016	0.0265	
7/21/2016	0.0243	
9/21/2016	0.0145	
11/3/2016	0.0082 (J)	
1/17/2017	0.007 (J)	
3/27/2017	0.016	
6/6/2017	0.0301	
9/25/2017	0.0169	
3/14/2018	0.036	
9/12/2018	0.021	
3/14/2019		0.04
9/10/2019		0.031
3/9/2020		0.031
9/10/2020		0.031
3/10/2021		0.023
8/4/2021		0.021

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.00639 (J)	
5/16/2016	0.00622 (J)	
7/22/2016	0.0062 (J)	
9/19/2016	0.0064 (J)	
11/3/2016	0.0058 (J)	
1/17/2017	0.0061 (J)	
3/27/2017	0.0063 (J)	
6/7/2017	0.0064 (J)	
9/26/2017	0.006 (J)	
3/14/2018	0.0065 (J)	
9/14/2018	0.0065 (J)	
3/14/2019		0.0066 (J)
9/10/2019		0.0068 (J)
3/6/2020		0.0066 (J)
9/10/2020		0.0059 (J)
3/11/2021		0.0061
8/4/2021		0.0061

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0116	
5/13/2016	0.0361	
7/19/2016	0.036	
9/16/2016	0.0259	
11/2/2016	0.037	
1/18/2017	0.0248	
3/28/2017	0.0222	
6/6/2017	0.02	
9/22/2017	0.0179	
3/14/2018	0.016	
9/12/2018	0.017	
3/13/2019		0.014
9/11/2019		0.015
3/9/2020		0.012
9/11/2020		0.024
3/11/2021		0.0096
8/6/2021		0.015

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00819 (J)	
5/13/2016	0.00756 (J)	
7/19/2016	0.0079 (J)	
9/16/2016	0.0078 (J)	
11/2/2016	0.0082 (J)	
1/18/2017	0.0085 (J)	
3/28/2017	0.0084 (J)	
6/6/2017	0.0078 (J)	
9/22/2017	0.0076 (J)	
3/15/2018	0.0092 (J)	
9/12/2018	0.008 (J)	
3/13/2019		0.0077 (J)
9/11/2019		0.0079 (J)
3/9/2020		0.0069 (J)
9/14/2020		0.0075 (J)
3/11/2021		0.0069
8/5/2021		0.0069

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0273	
4/7/2017	0.024	
6/14/2017	0.027 (D)	
7/12/2017	0.027 (D)	
7/20/2017	0.0304 (D)	
7/28/2017	0.0269	
8/9/2017	0.0254	
8/24/2017	0.0285	
10/3/2017	0.0294 (D)	
3/21/2018	0.03	
9/18/2018	0.032	
3/21/2019		0.04 (D)
9/12/2019		0.034 (D)
3/12/2020		0.053
9/17/2020		0.036
3/16/2021		0.042
8/10/2021		0.045

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.098 (O)	
4/23/2009	0.013	
10/6/2009	0.011	
4/27/2010	0.016	
9/30/2010	0.013	
4/14/2011	0.011	
10/5/2011	0.015	
4/11/2012	0.0102	
10/2/2012	0.0091	
4/9/2013	0.01	
10/15/2013	0.0098	
4/10/2014	0.011	
10/1/2014	0.0033	
3/30/2015	0.0043	
10/11/2015	0.0038	
3/28/2016	0.0133	
5/23/2016	0.0109	
8/1/2016	0.0058 (J)	
9/26/2016	0.0092 (J)	
11/10/2016	0.0083 (J)	
1/30/2017	0.0117	
4/7/2017	0.0109	
6/12/2017	<0.01	
10/2/2017	0.0122	
3/16/2018	0.0084 (J)	
9/17/2018	0.01	
3/19/2019		0.012
9/13/2019		0.0088 (J)
3/11/2020		0.0077 (J)
9/16/2020		0.0081 (J)
3/17/2021		0.0074
8/9/2021		0.0071

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.016	
4/23/2009	0.14 (O)	
10/6/2009	0.12 (O)	
5/3/2010	0.12 (O)	
10/11/2010	0.019	
4/27/2011	0.02	
10/19/2011	0.014	
5/1/2012	0.0199	
10/2/2012	0.015	
4/10/2013	0.016	
10/16/2013	0.017	
4/22/2014	0.017	
10/1/2014	0.013	
3/30/2015	0.014	
10/11/2015	0.0093	
3/28/2016	0.0155	
5/25/2016	0.0143	
8/1/2016	0.0129	
9/26/2016	0.0177	
11/11/2016	0.0117	
1/30/2017	0.0113	
4/3/2017	0.0166	
6/12/2017	0.017	
10/2/2017	0.0157	
3/16/2018	0.012	
9/18/2018	0.0099 (J)	
3/19/2019		0.013
9/12/2019		0.011
3/11/2020		0.0095 (J)
9/15/2020		0.0089 (J)
3/17/2021		0.012
8/9/2021		0.0089

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.021	
11/1/2007	0.017	
11/20/2007	0.1 (O)	
1/30/2008	0.035	
3/6/2008	0.042	
5/12/2008	0.0087	
12/13/2008	0.12 (O)	
4/29/2009	0.11 (O)	
10/20/2009	0.016	
4/26/2010	0.016	
9/29/2010	0.016	
4/13/2011	0.012	
10/5/2011	0.014	
4/4/2012	0.017	
10/3/2012	0.015	
4/3/2013	0.018	
10/15/2013	0.018	
4/9/2014	0.019	
10/2/2014	0.016	
4/2/2015	0.017	
10/10/2015	0.014	
3/31/2016	0.0179	
5/26/2016	0.0186	
8/5/2016	0.0138	
9/28/2016	0.0153	
11/22/2016	0.0184 (J)	
2/7/2017	0.0215	
4/10/2017	0.0247	
6/14/2017	0.0227	
10/4/2017	0.0172	
3/20/2018	0.021	
9/18/2018	0.02	
3/22/2019		0.024
9/17/2019		0.016
3/12/2020		0.026
9/17/2020		0.013
3/18/2021		0.025
8/10/2021		0.023

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.027	
11/1/2007	0.024	
11/20/2007	0.022	
1/30/2008	0.033 (J)	
3/6/2008	0.019	
5/8/2008	0.017	
12/14/2008	0.02	
4/29/2009	0.017	
10/21/2009	0.021	
4/21/2010	0.019	
9/28/2010	0.018	
4/12/2011	0.017	
10/4/2011	0.022	
4/3/2012	0.0212	
10/8/2012	0.019	
4/3/2013	0.021	
10/15/2013	0.022	
4/9/2014	0.02	
10/2/2014	0.023	
4/2/2015	0.022	
10/12/2015	0.028	
3/31/2016	0.0273	
5/26/2016	0.0305	
8/3/2016	0.0284	
9/28/2016	0.036	
11/22/2016	0.0341 (J)	
2/7/2017	0.0309	
4/10/2017	0.0235	
6/14/2017	0.0258	
10/4/2017	0.0234	
3/21/2018	0.022	
9/18/2018	0.03	
3/22/2019		0.022
9/17/2019		0.03
3/12/2020		0.028
9/17/2020		0.022
3/18/2021		0.027
8/11/2021		0.027

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	0.034	
11/1/2007	0.036	
11/18/2007	0.036	
1/30/2008	0.031 (J)	
3/5/2008	0.018	
5/7/2008	0.015	
12/14/2008	0.12 (O)	
4/29/2009	0.0079	
10/22/2009	0.007	
4/21/2010	0.0074	
9/28/2010	0.0068	
4/12/2011	0.0089	
10/4/2011	0.012	
4/3/2012	0.0169	
10/3/2012	0.03	
4/3/2013	0.008	
10/9/2013	0.0093	
4/2/2014	0.031	
10/2/2014	0.035	
4/1/2015	0.013	
10/11/2015	0.0079	
4/4/2016	0.0119	
5/26/2016	0.0127	
8/3/2016	0.0121	
9/28/2016	0.0112	
11/22/2016	0.0155 (J)	
2/8/2017	0.0115	
4/10/2017	<0.0117	
6/15/2017	0.0112	
10/4/2017	0.0093 (J)	
3/21/2018	0.012	
9/18/2018	0.011	
3/23/2019		0.0081 (J)
9/17/2019		0.011
3/12/2020		0.0086 (J)
9/21/2020		0.0093 (J)
3/19/2021		0.011
8/11/2021		0.0086

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.01	
11/1/2007	0.012	
11/18/2007	0.011	
1/30/2008	0.013	
3/6/2008	0.017	
5/7/2008	0.0066	
12/14/2008	0.013	
4/29/2009	0.0098	
10/22/2009	0.013	
4/21/2010	0.0069	
9/29/2010	0.0049	
4/13/2011	0.0074	
10/4/2011	0.0062	
4/4/2012	0.0091	
10/3/2012	0.0089	
4/3/2013	0.012	
10/9/2013	0.0079	
4/2/2014	0.0086	
10/2/2014	0.01	
4/1/2015	0.019	
10/11/2015	0.014	
4/4/2016	0.0176	
5/26/2016	0.0195	
8/4/2016	0.0151	
9/28/2016	0.0132	
11/22/2016	0.0186 (J)	
2/8/2017	0.015	
4/10/2017	0.0172	
6/15/2017	0.0167	
10/4/2017	0.0156	
3/22/2018	0.017	
9/18/2018	0.017	
3/23/2019		0.019
9/17/2019		0.018
3/12/2020		0.021
9/21/2020		0.016
3/19/2021		0.021
8/11/2021		0.021

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.023	
11/1/2007	0.034	
11/19/2007	0.043	
1/16/2008	0.13 (O)	
3/5/2008	0.07	
5/13/2008	0.039	
12/13/2008	0.13 (O)	
4/16/2009	0.13 (O)	
10/21/2009	0.033	
4/27/2010	0.11 (O)	
10/5/2010	0.027	
4/19/2011	0.025	
10/12/2011	0.025	
4/24/2012	0.027	
10/2/2012	0.013	
4/2/2013	0.031	
10/9/2013	0.025	
4/1/2014	0.023	
10/2/2014	0.025	
4/1/2015	0.025	
10/14/2015	0.027	
4/4/2016	0.0285	
5/27/2016	0.0257	
8/3/2016	0.0237	
9/30/2016	0.0279	
11/22/2016	0.0286 (J)	
2/13/2017	0.0313	
4/11/2017	0.0254	
6/14/2017	0.0241	
10/4/2017	0.0256	
3/22/2018	0.024	
9/18/2018	0.025	
3/23/2019		0.024
9/17/2019		0.0245 (D)
3/12/2020		0.023
9/21/2020		0.023
3/19/2021		0.024
8/11/2021		0.025

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.065	
11/1/2007	0.019	
11/19/2007	0.015	
1/31/2008	0.022	
3/5/2008	0.012	
5/12/2008	0.014	
12/13/2008	0.11 (O)	
4/28/2009	0.12 (O)	
10/21/2009	0.023	
4/28/2010	0.019	
10/5/2010	0.018	
4/19/2011	0.019	
10/18/2011	0.025	
4/25/2012	0.024	
10/2/2012	0.019	
4/2/2013	0.021	
10/8/2013	0.027	
4/1/2014	0.023	
10/1/2014	0.014	
4/1/2015	0.027	
10/15/2015	0.033	
4/4/2016	0.027	
5/31/2016	0.0283	
8/4/2016	0.0358	
9/29/2016	0.0437	
11/28/2016	0.0419 (J)	
2/9/2017	0.0472	
4/12/2017	0.0383	
6/16/2017	0.0457	
10/9/2017	0.0406	
3/21/2018	0.032	
9/19/2018	0.034	
3/23/2019		0.023
9/18/2019		0.033
3/13/2020		0.023
9/22/2020		0.027
3/18/2021		0.023
8/11/2021		0.025

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0089	
11/2/2007	0.0091	
11/17/2007	0.021	
1/15/2008	0.013	
3/5/2008	0.11 (O)	
5/7/2008	0.01	
12/2/2008	0.12 (O)	
4/16/2009	0.13 (O)	
10/20/2009	0.05	
4/20/2010	0.019	
9/29/2010	0.017	
4/12/2011	0.014	
10/4/2011	0.017	
4/4/2012	0.0182	
10/10/2012	0.048	
4/15/2013	0.03	
10/22/2013	0.033	
4/21/2014	0.033	
9/30/2014	0.027	
4/3/2015	0.13 (O)	
10/7/2015	0.047	
4/5/2016	0.0279	
6/1/2016	0.0249	
8/9/2016	0.0268	
11/28/2016	<0.01	
2/9/2017	0.0119	
4/11/2017	0.0112 (D)	
6/14/2017	<0.01	
7/12/2017	0.0105	
10/5/2017	0.0099 (J)	
3/22/2018	0.011	
9/19/2018	0.013	
3/22/2019		0.014
9/17/2019		0.015
3/13/2020		0.017
9/21/2020		0.013
3/18/2021		0.014
8/11/2021		0.016

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.015	
11/2/2007	0.024	
11/17/2007	0.027	
1/15/2008	0.022	
3/6/2008	0.021	
5/7/2008	0.023	
12/2/2008	0.024	
4/28/2009	0.031	
10/19/2009	0.027	
4/27/2010	0.051 (O)	
10/4/2010	0.028	
4/18/2011	0.026	
10/12/2011	0.026	
4/23/2012	0.0224	
10/10/2012	0.024	
4/15/2013	0.029	
10/22/2013	0.022	
4/21/2014	0.025	
9/30/2014	0.022	
4/3/2015	0.022	
10/7/2015	0.023	
4/5/2016	0.0308	
5/31/2016	0.0255	
8/4/2016	0.0227	
9/29/2016	0.0258	
11/23/2016	0.0263 (J)	
2/10/2017	0.025	
4/12/2017	0.026	
6/15/2017	0.0244	
10/6/2017	0.0254	
3/23/2018	0.021	
9/19/2018	0.02	
3/25/2019		0.021
9/17/2019		0.023
3/13/2020		0.02
9/21/2020		0.021
3/18/2021		0.02
8/11/2021		0.019

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.017	
11/2/2007	0.011	
11/18/2007	0.012 (J)	
1/15/2008	0.088 (O)	
3/10/2008	0.0077	
5/13/2008	0.0055	
12/2/2008	0.0097	
4/28/2009	0.0042	
10/20/2009	0.0056	
4/27/2010	0.0039	
10/5/2010	0.0047	
4/19/2011	0.0071	
10/12/2011	0.0098	
4/25/2012	0.0088	
10/10/2012	0.0093	
4/16/2013	0.0098	
10/22/2013	0.0097	
4/21/2014	0.008	
9/30/2014	0.0074	
4/3/2015	0.0076	
10/6/2015	0.0088	
4/5/2016	0.00153 (J)	
5/31/2016	0.00589 (J)	
11/23/2016	<0.05	
2/10/2017	0.0233	
4/11/2017	0.0162	
6/15/2017	0.0148	
7/12/2017	0.0166	
7/26/2017	0.0146	
10/6/2017	0.015	
3/23/2018	0.013	
9/19/2018	0.015	
3/22/2019		0.014
9/17/2019		0.014
3/13/2020		0.014
9/21/2020		0.013
3/18/2021		0.012
8/11/2021		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<3 (O)	
5/16/2016	0.0418	
7/25/2016	0.0179	
9/19/2016	0.0152	
11/3/2016	0.0127	
1/19/2017	0.0172	
3/28/2017	0.0437	
6/5/2017	0.0747	
9/26/2017	0.0338	
3/15/2018	0.059	
9/12/2018	0.032	
3/14/2019		0.077
9/11/2019		0.036
3/10/2020		0.059
9/15/2020		0.035
3/11/2021		0.046
8/4/2021		0.047

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.317695 (OD)	
5/16/2016	0.006 (J)	
7/25/2016	0.0056 (J)	
9/19/2016	0.0059 (J)	
11/4/2016	0.0054 (J)	
1/23/2017	0.006 (J)	
3/29/2017	0.0058 (J)	
6/7/2017	0.0062 (J)	
9/27/2017	0.0056 (J)	
3/15/2018	0.0057 (J)	
9/13/2018	0.0057 (J)	
3/14/2019		0.0066 (J)
9/11/2019		0.0061 (J)
3/10/2020		0.0061 (J)
9/11/2020		0.006 (J)
3/11/2021		0.0059
8/6/2021		0.0061

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.0244	
5/16/2016	0.0222	
7/25/2016	0.02	
9/19/2016	0.019	
11/3/2016	0.0177	
1/20/2017	0.0173	
3/29/2017	0.0184	
6/7/2017	0.019	
9/27/2017	0.0197	
3/15/2018	0.021	
9/13/2018	0.022	
3/14/2019		0.024
9/11/2019		0.021
3/10/2020		0.024
9/11/2020		0.021
3/11/2021		0.022
8/6/2021		0.023

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.0209	
5/17/2016	0.0202	
7/26/2016	0.0165	
9/20/2016	0.0132	
11/4/2016	0.012	
1/20/2017	0.0133	
3/28/2017	0.0161	
6/7/2017	0.0141	
9/29/2017	0.0151	
3/15/2018	0.015	
9/13/2018	0.014	
3/18/2019		0.014
9/11/2019		0.013
3/10/2020		0.013
9/14/2020		0.013
3/11/2021		0.012
8/5/2021		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.0144	
5/18/2016	0.0136	
7/27/2016	0.013	
9/20/2016	0.0146	
11/7/2016	0.0124	
1/23/2017	0.0158	
3/29/2017	0.017	
6/8/2017	0.0149	
9/27/2017	0.012	
3/15/2018	0.011	
9/13/2018	0.011	
3/15/2019		0.01
9/12/2019		0.0085 (J)
3/9/2020		0.0089 (J)
9/14/2020		0.0082 (J)
3/11/2021		0.0083
8/5/2021		0.0077

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0344 (O)	
5/18/2016	0.0184	
7/27/2016	0.0146	
9/20/2016	0.0122	
11/4/2016	0.0119	
1/20/2017	0.0114	
3/29/2017	0.0116	
6/8/2017	<0.011 (*)	
9/27/2017	0.0098 (J)	
3/16/2018	0.01	
9/13/2018	0.0092 (J)	
3/19/2019		0.0088 (J)
9/11/2019		0.0097 (J)
3/9/2020		0.0082 (J)
9/15/2020		0.0084 (J)
3/11/2021		0.0073
8/5/2021		0.0069

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.0361	
5/17/2016	0.0277	
7/27/2016	0.0276	
9/20/2016	0.0266	
11/4/2016	0.0239	
1/23/2017	<0.01	
3/28/2017	0.024	
6/8/2017	0.0317	
9/29/2017	0.0265	
3/15/2018	0.029	
9/13/2018	0.026	
3/15/2019		0.026
9/11/2019		0.0295 (D)
3/9/2020		0.029
9/14/2020		0.035
3/11/2021		0.038
5/26/2021		0.039
8/4/2021		0.034

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	0.0112	
5/18/2016	0.0107	
7/27/2016	0.0104	
9/21/2016	0.0106	
11/4/2016	0.0098 (J)	
1/24/2017	0.0101	
3/29/2017	0.0103	
6/8/2017	<0.0106 (*)	
9/29/2017	0.0097 (J)	
3/15/2018	0.0093 (J)	
9/13/2018	0.01	
3/18/2019		0.015
9/11/2019		0.017
3/11/2020		0.026
9/11/2020		0.012
3/15/2021		0.012
8/11/2021		0.025

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.0121	
5/18/2016	0.0117	
7/28/2016	0.0081 (J)	
9/21/2016	0.0106	
11/7/2016	0.0047 (J)	
1/24/2017	0.0071 (J)	
3/30/2017	0.0043 (J)	
6/9/2017	<0.01 (*)	
9/29/2017	0.004 (J)	
3/15/2018	0.0032 (J)	
9/14/2018	0.004 (J)	
3/19/2019		0.0033 (J)
9/11/2019		0.0038 (J)
3/9/2020		0.0045 (J)
9/14/2020		0.0027 (J)
3/15/2021		0.0028 (J)
8/5/2021		0.0036 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.017	
10/25/2007	0.023	
11/19/2007	0.024	
1/23/2008	0.028	
3/11/2008	0.022	
5/12/2008	0.021	
12/11/2008	0.022	
4/15/2009	0.13 (O)	
10/9/2009	0.026	
5/4/2010	0.018	
10/12/2010	0.019	
4/28/2011	0.015	
10/19/2011	0.016	
5/2/2012	0.0191	
10/9/2012	0.019	
4/11/2013	0.013	
10/16/2013	0.017	
4/23/2014	0.015	
10/3/2014	0.02	
3/31/2015	0.014	
10/12/2015	0.017	
3/28/2016	0.0173	
5/25/2016	0.0175	
8/1/2016	0.0145	
9/27/2016	0.0139	
11/11/2016	0.0135	
1/31/2017	0.0153	
4/3/2017	0.0135	
6/12/2017	0.0154	
10/3/2017	0.0138	
3/19/2018	0.013	
9/17/2018	0.014	
3/20/2019		0.018
9/16/2019		0.022
3/16/2020		0.024
9/16/2020		0.013
3/17/2021		0.014
8/9/2021		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.023	
10/25/2007	0.018	
11/20/2007	0.1 (O)	
1/23/2008	0.031	
3/11/2008	0.016	
5/14/2008	0.024	
12/11/2008	0.022	
4/23/2009	0.012	
10/9/2009	0.11 (O)	
5/4/2010	0.096 (O)	
10/11/2010	0.018	
4/26/2011	0.01	
10/18/2011	0.012	
5/2/2012	0.0119	
10/8/2012	0.01	
4/10/2013	0.013	
10/8/2013	0.014	
4/14/2014	0.01	
10/3/2014	0.014	
4/1/2015	0.013	
10/9/2015	0.008	
3/29/2016	0.0239 (J)	
5/24/2016	0.00902 (J)	
8/1/2016	0.0091 (J)	
9/26/2016	0.0124	
11/18/2016	0.0117	
2/1/2017	0.0086 (J)	
4/6/2017	0.0083 (J)	
6/13/2017	<0.01	
10/3/2017	0.0084 (J)	
3/19/2018	0.0079 (J)	
9/17/2018	0.0065 (J)	
3/21/2019		0.0074 (J)
9/16/2019		0.0075 (J)
3/12/2020		0.0075 (J)
9/16/2020		0.0074 (J)
3/17/2021		0.0075
8/10/2021		0.0074

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.016	
6/18/2015	0.015 (D)	
7/2/2015	0.014	
10/9/2015	0.012	
3/29/2016	0.000768 (J)	
5/24/2016	0.00847 (J)	
8/1/2016	0.0086 (J)	
9/26/2016	0.0086 (J)	
11/14/2016	0.0083 (J)	
2/1/2017	0.0096 (J)	
4/6/2017	0.0087 (J)	
6/13/2017	<0.01	
10/3/2017	0.0098 (J)	
3/20/2018	0.0088 (J)	
9/17/2018	0.0082 (J)	
3/21/2019		0.0075 (J)
9/16/2019		0.0072 (J)
3/12/2020		0.0072 (J)
9/16/2020		0.0066 (J)
3/17/2021		0.0072
8/10/2021		0.0072

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	0.0178	
8/2/2016	0.0394	
9/27/2016	0.032	
11/21/2016	0.0316 (J)	
2/1/2017	0.0264	
4/6/2017	0.0245	
6/13/2017	0.0247	
7/14/2017	0.0245	
10/3/2017	0.0218	
3/20/2018	0.024	
9/18/2018	0.027	
3/21/2019		0.03
9/13/2019		0.031
3/12/2020		0.022
9/16/2020		0.02
3/17/2021		0.022
8/10/2021		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	0.015	
4/30/2012	0.0192	
10/3/2012	0.017	
4/8/2013	0.018	
10/9/2013	0.021	
4/10/2014	0.019	
10/2/2014	0.014	
4/3/2015	0.014	
10/8/2015	0.024	
3/30/2016	0.0163	
5/24/2016	0.0137	
8/2/2016	0.0152	
9/27/2016	0.0147	
11/22/2016	0.0174 (J)	
2/6/2017	0.0144	
4/6/2017	0.0149	
6/14/2017	0.0139	
10/4/2017	0.015	
3/21/2018	0.015	
9/18/2018	0.014	
3/27/2019		0.014
9/16/2019		0.015 (D)
3/12/2020		0.014
9/17/2020		0.014
3/17/2021		0.014
8/10/2021		0.014

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.06	
6/18/2015	0.047 (D)	
7/2/2015	0.04	
10/8/2015	0.032	
3/22/2016	0.0263	
5/25/2016	0.0178	
8/2/2016	0.0265	
9/26/2016	0.0267	
11/21/2016	0.0309 (J)	
2/3/2017	0.0289	
4/7/2017	0.029	
6/13/2017	0.027	
10/3/2017	0.0292	
3/20/2018	0.029	
9/18/2018	0.025	
5/6/2019		0.017
9/16/2019		0.026
3/16/2020		0.027
9/17/2020		0.025
3/18/2021		0.018
8/10/2021		0.029

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.043	
11/1/2007	0.032	
11/19/2007	0.049 (J)	
1/15/2008	0.12 (O)	
3/6/2008	0.075 (O)	
5/13/2008	0.055	
12/12/2008	0.16 (O)	
4/16/2009	0.15 (O)	
10/13/2009	0.05	
4/21/2010	0.039	
9/29/2010	0.033	
4/13/2011	0.033	
10/5/2011	0.035	
4/4/2012	0.0422	
10/8/2012	0.029	
4/8/2013	0.042	
10/9/2013	0.04	
4/9/2014	0.038	
9/30/2014	0.038	
4/2/2015	0.039	
10/10/2015	0.038 (D)	
3/30/2016	0.0412	
5/26/2016	0.0357	
8/5/2016	0.03	
9/28/2016	0.0308	
11/21/2016	0.0356 (J)	
2/6/2017	0.0391	
4/6/2017	0.0402	
6/13/2017	0.0394	
10/3/2017	0.0381	
3/20/2018	0.039	
9/18/2018	0.037	
3/21/2019		0.042
9/16/2019		0.035
3/12/2020		0.044
9/17/2020		0.031
3/18/2021		0.041
8/10/2021		0.043

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.0005	
10/23/2007	<0.0005	
11/18/2007	<0.0005	
1/30/2008	<0.0005	
3/10/2008	<0.0005	
5/13/2008	<0.0005	
12/5/2008	<0.0005	
4/15/2009	<0.0005	
10/7/2009	<0.0005	
5/3/2010	<0.0005	
10/12/2010	<0.0005	
4/27/2011	<0.0005	
10/17/2011	<0.0005	
5/2/2012	<0.0005	
10/8/2012	<0.0005	
4/12/2013	<0.0005	
10/16/2013	<0.0005	
4/11/2014	<0.0005	
9/30/2014	<0.0005	
3/30/2015	<0.0005	
10/13/2015	0.0003 (J)	
3/22/2016	<0.0005	
5/19/2016	<0.0005	
7/29/2016	<0.0005	
9/23/2016	<0.0005	
11/9/2016	<0.0005	
1/30/2017	<0.0005	
3/30/2017	<0.0005	
6/9/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	0.00051 (D)	
3/20/2019		<0.0005
9/12/2019		<0.0005
3/11/2020		<0.0005
9/15/2020		<0.0005
3/16/2021		<0.0005
8/9/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.0005 (D)	
7/27/2016	0.0001 (JD)	
2/21/2017	<0.0005	
3/27/2017	<0.0005 (D)	
6/8/2017	<0.0005 (D)	
7/17/2017	<0.0005 (D)	
7/27/2017	<0.0005	
8/9/2017	<0.0005	
9/29/2017	<0.0005 (D)	
3/16/2018	<0.0005	
9/14/2018	<0.0005	
3/14/2019		<0.0005
3/9/2020		<0.0005
9/16/2020		<0.0005
3/16/2021		<0.0005
8/6/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.0005	
5/11/2016	0.000177 (J)	
7/19/2016	0.0001 (J)	
9/15/2016	8E-05 (J)	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/7/2017	<0.0005	
9/26/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/15/2019		<0.0005
9/9/2019		<0.0005
3/9/2020		<0.0005
9/10/2020		<0.0005
3/12/2021		<0.0005
8/4/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.000121 (J)	
5/16/2016	0.000145 (J)	
7/22/2016	<0.001	
9/19/2016	0.0001 (J)	
11/3/2016	8E-05 (J)	
1/17/2017	0.0001 (J)	
3/27/2017	0.0002 (J)	
6/7/2017	0.0001 (J)	
9/26/2017	<0.001	
3/14/2018	0.00011 (J)	
9/14/2018	0.00013 (J)	
3/14/2019		0.00013 (J)
9/10/2019		0.00014 (J)
3/6/2020		0.00014 (J)
9/10/2020		0.00015 (J)
3/11/2021		0.00017 (J)
8/4/2021		0.00014 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.0005	
5/13/2016	<0.0005	
7/19/2016	<0.0005	
9/16/2016	<0.0005	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/6/2017	8E-05 (J)	
9/22/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/13/2019		<0.0005
9/11/2019		<0.0005
3/9/2020		<0.0005
9/11/2020		<0.0005
3/11/2021		<0.0005
8/6/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.0005	
4/23/2009	<0.0005	
10/6/2009	<0.0005	
4/27/2010	<0.0005	
9/30/2010	<0.0005	
4/14/2011	<0.0005	
10/5/2011	<0.0005	
4/11/2012	<0.0005	
10/2/2012	<0.0005	
4/9/2013	<0.0005	
10/15/2013	<0.0005	
4/10/2014	<0.0005	
10/1/2014	<0.0005	
3/30/2015	<0.0005	
10/11/2015	0.00026 (J)	
3/28/2016	<0.0005	
5/23/2016	<0.0005	
8/1/2016	<0.0005	
9/26/2016	<0.0005	
11/10/2016	<0.0005	
1/30/2017	<0.0005	
4/7/2017	<0.0005	
6/12/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	<0.0005	
3/19/2019		<0.0005
9/13/2019		<0.0005
3/11/2020		<0.0005
9/16/2020		<0.0005
3/17/2021		0.00012 (J)
8/9/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.0005	
11/1/2007	<0.0005	
11/20/2007	<0.0005	
1/30/2008	<0.0005	
3/6/2008	<0.0005	
5/8/2008	<0.0005	
12/14/2008	<0.0005	
4/29/2009	<0.0005	
10/21/2009	<0.0005	
4/21/2010	<0.0005	
9/28/2010	<0.0005	
4/12/2011	<0.0005	
10/4/2011	<0.0005	
4/3/2012	<0.0005	
10/8/2012	<0.0005	
4/3/2013	<0.0005	
10/15/2013	<0.0005	
4/9/2014	<0.0005	
10/2/2014	<0.0005	
4/2/2015	<0.0005	
10/12/2015	<0.0005	
3/31/2016	<0.0005	
5/26/2016	<0.0005	
8/3/2016	<0.0005	
9/28/2016	0.0002 (J)	
11/22/2016	<0.0005	
2/7/2017	<0.0005	
4/10/2017	<0.0005	
6/14/2017	<0.0005	
10/4/2017	<0.0005	
3/21/2018	<0.0005	
9/18/2018	<0.0005	
3/22/2019		<0.0005
9/17/2019		<0.0005
3/12/2020		<0.0005
9/17/2020		<0.0005
3/18/2021		<0.0005
8/11/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.0005	
11/1/2007	<0.0005	
11/18/2007	<0.0005	
1/30/2008	<0.0005	
3/6/2008	<0.0005	
5/7/2008	<0.0005	
12/14/2008	<0.0005	
4/29/2009	<0.0005	
10/22/2009	<0.0005	
4/21/2010	<0.0005	
9/29/2010	<0.0005	
4/13/2011	<0.0005	
10/4/2011	<0.0005	
4/4/2012	<0.0005	
10/3/2012	<0.0005	
4/3/2013	<0.0005	
10/9/2013	<0.0005	
4/2/2014	<0.0005	
10/2/2014	<0.0005	
4/1/2015	0.00033 (J)	
10/11/2015	0.00056 (J)	
4/4/2016	<0.0005	
5/26/2016	<0.0005	
8/4/2016	<0.0005	
9/28/2016	<0.0005	
11/22/2016	<0.0005	
2/8/2017	<0.0005	
4/10/2017	<0.0005	
6/15/2017	<0.0005	
10/4/2017	<0.0005	
3/22/2018	<0.0005	
9/18/2018	<0.0005	
3/23/2019		<0.0005
9/17/2019		<0.0005
3/12/2020		<0.0005
9/21/2020		<0.0005
3/19/2021		<0.0005
8/11/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/16/2008	<0.001	
3/5/2008	<0.001	
5/13/2008	<0.001	
12/13/2008	<0.001	
4/16/2009	<0.001	
10/21/2009	<0.001	
4/27/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/12/2011	<0.001	
4/24/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/9/2013	<0.001	
4/1/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/14/2015	0.00025 (J)	
4/4/2016	0.000136 (J)	
5/27/2016	0.000131 (J)	
8/3/2016	<0.001	
9/30/2016	9E-05 (J)	
11/22/2016	<0.001	
2/13/2017	0.0001 (J)	
4/11/2017	0.0003 (J)	
6/14/2017	0.0003 (J)	
10/4/2017	0.0002 (J)	
3/22/2018	0.00032 (J)	
9/18/2018	0.00057 (J)	
3/23/2019		0.00035 (J)
9/17/2019		0.000575 (JD)
3/12/2020		0.00089 (J)
9/21/2020		0.00025 (J)
3/19/2021		0.00027 (J)
8/11/2021		0.00048 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.0005	
11/2/2007	<0.0005	
11/17/2007	<0.0005	
1/15/2008	<0.0005	
3/5/2008	<0.0005	
5/7/2008	<0.0005	
12/2/2008	<0.0005	
4/16/2009	<0.0005	
10/20/2009	<0.0005	
4/20/2010	<0.0005	
9/29/2010	<0.0005	
4/12/2011	<0.0005	
10/4/2011	<0.0005	
4/4/2012	<0.0005	
10/10/2012	<0.0005	
4/15/2013	<0.0005	
10/22/2013	<0.0005	
4/21/2014	<0.0005	
9/30/2014	<0.0005	
4/3/2015	<0.0005	
10/7/2015	<0.0005	
4/5/2016	<0.0005	
6/1/2016	<0.0005	
8/9/2016	<0.0005	
11/28/2016	<0.0005	
2/9/2017	0.0001 (J)	
4/11/2017	<0.0005	
6/14/2017	<0.0005	
7/12/2017	<0.0005	
10/5/2017	<0.0005	
3/22/2018	<0.0005	
9/19/2018	<0.0005	
3/22/2019		<0.0005
9/17/2019		<0.0005
3/13/2020		<0.0005
9/21/2020		<0.0005
3/18/2021		<0.0005
8/11/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.0005	
11/2/2007	<0.0005	
11/17/2007	<0.0005	
1/15/2008	<0.0005	
3/6/2008	<0.0005	
5/7/2008	<0.0005	
12/2/2008	<0.0005	
4/28/2009	<0.0005	
10/19/2009	<0.0005	
4/27/2010	<0.0005	
10/4/2010	<0.0005	
4/18/2011	<0.0005	
10/12/2011	<0.0005	
4/23/2012	<0.0005	
10/10/2012	<0.0005	
4/15/2013	<0.0005	
10/22/2013	<0.0005	
4/21/2014	<0.0005	
9/30/2014	<0.0005	
4/3/2015	<0.0005	
10/7/2015	0.00028 (J)	
4/5/2016	0.027 (O)	
5/31/2016	0.000206 (J)	
8/4/2016	<0.0005	
9/29/2016	0.0002 (J)	
11/23/2016	0.0001 (J)	
2/10/2017	<0.0005	
4/12/2017	<0.0005	
6/15/2017	<0.0005	
10/6/2017	<0.0005	
3/23/2018	<0.0005	
9/19/2018	<0.0005	
3/25/2019		<0.0005
9/17/2019		<0.0005
3/13/2020		<0.0005
9/21/2020		<0.0005
3/18/2021		<0.0005
8/11/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.0005	
5/16/2016	<0.0005	
7/25/2016	<0.0005	
9/19/2016	<0.0005	
11/3/2016	<0.0005	
1/19/2017	<0.0005	
3/28/2017	<0.0005	
6/5/2017	8E-05 (J)	
9/26/2017	<0.0005	
3/15/2018	<0.0005	
9/12/2018	<0.0005	
3/14/2019		<0.0005
9/11/2019		<0.0005
3/10/2020		<0.0005
9/15/2020		<0.0005
3/11/2021		<0.0005
8/4/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.0084065 (D)	
5/16/2016	<0.0005 (D)	
7/25/2016	<0.0005 (D)	
9/19/2016	<0.0005 (D)	
11/3/2016	<0.0005 (D)	
1/20/2017	<0.0005 (D)	
3/29/2017	<0.0005 (D)	
6/7/2017	<0.0005	
9/27/2017	<0.0005	
3/15/2018	<0.0005	
9/13/2018	<0.0005	
3/14/2019		<0.0005 (D)
9/11/2019		<0.0005 (D)
3/10/2020		<0.0005
9/11/2020		<0.0005
3/11/2021		<0.0005
8/6/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.0005	
5/18/2016	<0.0005	
7/27/2016	<0.0005	
9/20/2016	8E-05 (J)	
11/7/2016	<0.0005	
1/23/2017	<0.0005	
3/29/2017	<0.0005	
6/8/2017	<0.0005	
9/27/2017	<0.0005	
3/15/2018	9.3E-05 (J)	
9/13/2018	<0.0005	
3/15/2019		0.00015 (J)
9/12/2019		<0.0005
3/9/2020		0.00015 (J)
9/14/2020		0.00014 (J)
3/11/2021		0.00018 (J)
8/5/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.0195 (JO)	
5/17/2016	0.000251 (J)	
7/27/2016	0.0002 (J)	
9/20/2016	0.0002 (J)	
11/4/2016	0.0001 (J)	
1/23/2017	<0.001	
3/28/2017	0.0001 (J)	
6/8/2017	0.0002 (J)	
9/29/2017	0.0002 (J)	
3/15/2018	0.00018 (J)	
9/13/2018	0.00012 (J)	
3/15/2019		0.00018 (J)
9/11/2019		0.00021 (JD)
3/9/2020		0.00016 (J)
9/14/2020		0.00019 (J)
3/11/2021		0.00021 (J)
8/4/2021		0.0002 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.0005	
5/18/2016	<0.0005	
7/28/2016	<0.0005	
9/21/2016	9E-05 (J)	
11/7/2016	0.0001 (J)	
1/24/2017	0.0002 (J)	
3/30/2017	0.0002 (J)	
6/9/2017	0.0002 (J)	
9/29/2017	0.0002 (J)	
3/15/2018	0.0001 (J)	
9/14/2018	<0.0005	
3/19/2019		<0.0005
9/11/2019		<0.0005
3/9/2020		<0.0005
9/14/2020		<0.0005
3/15/2021		<0.0005
8/5/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.0005	
10/25/2007	<0.0005	
11/19/2007	<0.0005	
1/23/2008	<0.0005	
3/11/2008	<0.0005	
5/12/2008	<0.0005	
12/11/2008	<0.0005	
4/15/2009	<0.0005	
10/9/2009	<0.0005	
5/4/2010	<0.0005	
10/12/2010	<0.0005	
4/28/2011	<0.0005	
10/19/2011	<0.0005	
5/2/2012	<0.0005	
10/9/2012	<0.0005	
4/11/2013	<0.0005	
10/16/2013	<0.0005	
4/23/2014	<0.0005	
10/3/2014	0.00033 (J)	
3/31/2015	<0.0005	
10/12/2015	<0.0005	
3/28/2016	0.00104	
5/25/2016	0.000148 (J)	
8/1/2016	0.0001 (J)	
9/27/2016	0.0001 (J)	
11/11/2016	9E-05 (J)	
1/31/2017	<0.0005	
4/3/2017	0.0001 (J)	
6/12/2017	<0.0005	
10/3/2017	<0.0005	
3/19/2018	<0.0005	
9/17/2018	<0.0005	
3/20/2019		<0.0005
9/16/2019		<0.0005
3/16/2020		<0.0005
9/16/2020		<0.0005
3/17/2021		0.00013 (J)
8/9/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.0005	
10/25/2007	<0.0005	
11/20/2007	<0.0005	
1/23/2008	<0.0005	
3/11/2008	<0.0005	
5/14/2008	<0.0005	
12/11/2008	<0.0005	
4/23/2009	<0.0005	
10/9/2009	<0.0005	
5/4/2010	<0.0005	
10/11/2010	<0.0005	
4/26/2011	<0.0005	
10/18/2011	<0.0005	
5/2/2012	<0.0005	
10/8/2012	<0.0005	
4/10/2013	<0.0005	
10/8/2013	<0.0005	
4/14/2014	<0.0005	
10/3/2014	<0.0005	
4/1/2015	<0.0005	
10/9/2015	<0.0005	
3/29/2016	<0.0005	
5/24/2016	<0.0005	
8/1/2016	<0.0005	
9/26/2016	8E-05 (J)	
11/18/2016	8E-05 (J)	
2/1/2017	<0.0005	
4/6/2017	<0.0005	
6/13/2017	<0.0005	
10/3/2017	<0.0005	
3/19/2018	<0.0005	
9/17/2018	<0.0005	
3/21/2019		<0.0005
9/16/2019		<0.0005
3/12/2020		<0.0005
9/16/2020		<0.0005
3/17/2021		<0.0005
8/10/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.0005	
8/2/2016	<0.0005	
9/27/2016	<0.0005	
11/21/2016	<0.0005	
2/1/2017	9E-05 (J)	
4/6/2017	<0.0005	
6/13/2017	<0.0005	
7/14/2017	<0.0005	
10/3/2017	<0.0005	
3/20/2018	<0.0005	
9/18/2018	<0.0005	
3/21/2019		<0.0005
9/13/2019		<0.0005
3/12/2020		<0.0005
9/16/2020		<0.0005
3/17/2021		<0.0005
8/10/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.0005	
6/18/2015	<0.0005 (D)	
7/2/2015	<0.0005	
10/8/2015	<0.0005	
3/22/2016	<0.0005	
5/25/2016	<0.0005	
8/2/2016	<0.0005	
9/26/2016	<0.0005	
11/21/2016	<0.0005	
2/3/2017	0.0001 (J)	
4/7/2017	<0.0005	
6/13/2017	0.0002 (J)	
10/3/2017	<0.0005	
3/20/2018	<0.0005	
9/18/2018	<0.0005	
5/6/2019		<0.0005
9/16/2019		<0.0005
3/16/2020		<0.0005
9/17/2020		<0.0005
3/18/2021		<0.0005
8/10/2021		<0.0005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	0.011	
11/18/2007	0.038 (O)	
1/30/2008	0.11 (O)	
3/10/2008	0.038 (O)	
5/13/2008	0.012	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0065	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	0.0019	
10/16/2013	0.0024	
4/11/2014	0.0013 (J)	
9/30/2014	<0.005	
3/30/2015	0.0047	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	0.0011 (J)	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019		<0.005
9/12/2019		<0.005
3/11/2020		0.0012 (J)
9/15/2020		<0.005
3/16/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0045	
10/24/2007	0.039 (O)	
11/18/2007	0.059 (O)	
1/31/2008	0.0067	
3/11/2008	0.03 (O)	
5/6/2008	0.0062	
12/4/2008	0.009	
4/21/2009	0.0022	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	0.0013	
10/15/2013	0.0023	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0011 (J)	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	0.0008 (J)	
10/2/2017	<0.005	
3/19/2018	0.0031 (J)	
9/14/2018	<0.005	
3/20/2019		<0.005
9/12/2019		<0.005 (D)
3/11/2020		0.0025 (J)
9/15/2020		0.00086 (J)
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	0.0033	
11/18/2007	0.012	
1/31/2008	0.052 (O)	
3/10/2008	0.01	
5/13/2008	0.0068	
12/4/2008	0.0017	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019		<0.005
9/13/2019		<0.005
3/11/2020		0.0042 (J)
9/15/2020		<0.005
3/16/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0017 (JD)	
2/21/2017	0.001 (J)	
3/27/2017	<0.005 (D)	
6/8/2017	<0.005 (D)	
7/17/2017	<0.005 (D)	
7/27/2017	0.0005 (J)	
8/9/2017	0.0005 (J)	
9/29/2017	0.0006 (JD)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019		0.004 (J)
3/9/2020		0.0016 (J)
9/16/2020		0.00058 (J)
3/16/2021		0.0008 (J)
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	<0.005	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019		<0.005
9/9/2019		<0.005
3/9/2020	0.069 (o)	
9/10/2020		<0.005
3/12/2021		0.00064 (J)
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	0.027 (O)	
11/18/2007	0.17 (O)	
1/31/2008	0.012	
3/11/2008	0.063 (O)	
5/14/2008	0.057 (O)	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0013	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	0.0013 (J)	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019		<0.005
9/13/2019		0.00073 (J)
3/11/2020		0.00095 (J)
3/29/2021		0.00062 (J)
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005 (*)	
5/24/2017	0.0008 (J)	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/9/2019		<0.005
3/9/2020		0.0009 (J)
9/11/2020		<0.005
3/10/2021		0.00075 (J)
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005 (*)	
6/6/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/10/2019		<0.005 (D)
3/6/2020		0.015
9/10/2020		<0.005
3/11/2021		0.0015 (J)
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	<0.005	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/6/2017	0.0004 (J)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/10/2019		<0.005
3/9/2020		0.0004 (J)
9/10/2020		<0.005
3/10/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019		<0.005
9/10/2019		<0.005
3/6/2020		0.00045 (J)
9/10/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
6/6/2017	0.0004 (J)	
9/22/2017	0.0008 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/11/2019		0.00051 (J)
3/9/2020		0.0033 (J)
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00212 (J)	
5/13/2016	<0.005	
7/19/2016	0.0006 (J)	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	0.0014 (J)	
3/28/2017	<0.005 (*)	
6/6/2017	0.0009 (J)	
9/22/2017	0.0006 (J)	
3/15/2018	0.0017 (J)	
9/12/2018	<0.005	
3/13/2019		<0.005
9/11/2019		0.00066 (J)
3/9/2020		0.0014 (J)
9/14/2020		0.0011 (J)
3/11/2021		0.0011 (J)
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.005	
4/23/2009	<0.005	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	0.0014	
4/14/2011	0.0014	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/2/2012	<0.005	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0013 (J)	
10/1/2014	<0.005	
3/30/2015	<0.005	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/23/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/10/2016	<0.005	
1/30/2017	<0.005	
4/7/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005	
3/19/2019		<0.005
9/13/2019		<0.005
3/11/2020		0.0011 (J)
9/16/2020		<0.005
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.005	
4/23/2009	0.0031	
10/6/2009	0.0024	
5/3/2010	<0.005	
10/11/2010	0.0028	
4/27/2011	0.0041	
10/19/2011	<0.005	
5/1/2012	<0.005	
10/2/2012	0.0019	
4/10/2013	0.0027	
10/16/2013	0.0029	
4/22/2014	0.0024	
10/1/2014	<0.005	
3/30/2015	0.0022	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/11/2016	<0.005	
1/30/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0005 (J)	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/18/2018	<0.005	
3/19/2019		<0.005
9/12/2019		<0.005
3/11/2020		<0.005
9/15/2020		<0.005
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.0015	
11/1/2007	0.011	
11/20/2007	0.042 (o)	
1/30/2008	0.034	
3/6/2008	0.027	
5/12/2008	0.015	
12/13/2008	0.0036	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	0.0034	
4/13/2011	<0.005	
10/5/2011	0.0032	
4/4/2012	<0.005	
10/3/2012	0.0047	
4/3/2013	0.0014	
10/15/2013	0.002	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.0013	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	0.0024 (J)	
2/7/2017	0.0015 (J)	
4/10/2017	<0.005	
6/14/2017	0.0006 (J)	
10/4/2017	0.0027 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/22/2019		<0.005
9/17/2019		0.0009 (J)
3/12/2020		0.00047 (J)
9/17/2020		0.0011 (J)
3/18/2021		0.00068 (J)
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.036 (O)	
11/1/2007	0.01	
11/20/2007	0.0039	
1/30/2008	0.019 (O)	
3/6/2008	<0.005	
5/8/2008	0.01	
12/14/2008	0.0038	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	0.0019	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/7/2017	0.0019 (J)	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019		<0.005
9/17/2019		0.00067 (J)
3/12/2020		<0.005
9/17/2020		<0.005
3/18/2021		0.002 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.025 (o)	
12/14/2008	0.0021	
4/29/2009	0.011	
10/22/2009	0.01	
4/21/2010	0.0053	
9/28/2010	0.0076	
4/12/2011	0.0095	
10/4/2011	0.0091	
4/3/2012	0.0076	
10/3/2012	0.0039	
4/3/2013	<0.005	
10/9/2013	0.0089	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0062	
10/11/2015	<0.005	
4/4/2016	0.00656 (J)	
5/26/2016	0.00752 (J)	
8/3/2016	0.0067 (J)	
9/28/2016	0.0082 (J)	
11/22/2016	0.0045 (J)	
2/8/2017	0.0101	
4/10/2017	0.0094 (J)	
6/15/2017	0.009 (J)	
10/4/2017	0.0008 (J)	
3/21/2018	0.0079 (J)	
9/18/2018	0.0081 (J)	
3/23/2019		<0.005
9/17/2019		0.0079 (J)
3/12/2020		0.00084 (J)
9/21/2020		0.0081 (J)
3/19/2021		0.0073
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.037	
11/1/2007	0.04	
11/18/2007	0.045	
1/30/2008	0.041	
3/6/2008	0.042	
5/7/2008	0.029	
12/14/2008	0.032	
4/29/2009	0.017	
10/22/2009	0.022	
4/21/2010	0.021	
9/29/2010	0.024	
4/13/2011	0.014	
10/4/2011	0.017	
4/4/2012	0.014	
10/3/2012	0.0033	
4/3/2013	0.017	
10/9/2013	0.015	
4/2/2014	0.014	
10/2/2014	0.0048	
4/1/2015	0.0084	
10/11/2015	0.019	
4/4/2016	0.00728 (J)	
5/26/2016	0.00553 (J)	
8/4/2016	0.0071 (J)	
9/28/2016	0.0093 (J)	
11/22/2016	0.0058 (J)	
2/8/2017	0.0072 (J)	
4/10/2017	<0.01	
6/15/2017	0.0066 (J)	
10/4/2017	0.0079 (J)	
3/22/2018	0.0062 (J)	
9/18/2018	0.0062 (J)	
3/23/2019		0.0048 (J)
9/17/2019		0.0042 (J)
3/12/2020		0.0042 (J)
9/21/2020		0.0056 (J)
3/19/2021		0.0079
8/11/2021		0.0042 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.0013	
11/1/2007	<0.005	
11/19/2007	0.0056	
1/16/2008	0.039 (o)	
3/5/2008	0.03	
5/13/2008	0.0057	
12/13/2008	<0.005	
4/16/2009	<0.005	
10/21/2009	0.0015	
4/27/2010	0.0036	
10/5/2010	<0.005	
4/19/2011	0.003	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	0.0018	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
5/27/2016	<0.005	
8/3/2016	<0.005	
9/30/2016	<0.005	
11/22/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		0.0058 (D)
3/12/2020		<0.005
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0019	
11/1/2007	0.01	
11/19/2007	0.021	
1/31/2008	0.035	
3/5/2008	0.012	
5/12/2008	0.02	
12/13/2008	0.014	
4/28/2009	0.0079	
10/21/2009	0.0092	
4/28/2010	0.0086	
10/5/2010	0.0085	
4/19/2011	0.0089	
10/18/2011	0.0093	
4/25/2012	0.0075	
10/2/2012	0.017	
4/2/2013	0.0097	
10/8/2013	0.011	
4/1/2014	0.0074	
10/1/2014	0.0049	
4/1/2015	0.0072	
10/15/2015	0.0077	
4/4/2016	0.00615 (J)	
5/31/2016	0.00588 (J)	
8/4/2016	0.0056 (J)	
9/29/2016	0.0065 (J)	
11/28/2016	0.0064 (J)	
2/9/2017	0.0078 (J)	
4/12/2017	0.0077 (J)	
6/16/2017	0.0072 (J)	
10/9/2017	0.0079 (J)	
3/21/2018	0.0055 (J)	
9/19/2018	0.0059 (J)	
3/23/2019		0.0058 (J)
9/18/2019		0.0063 (J)
3/13/2020		0.0054 (J)
9/22/2020		0.0062 (J)
3/18/2021		0.0058
8/11/2021		0.0074

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	0.0042	
11/19/2007	0.0049	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.019 (O)	
4/29/2009	0.002	
10/21/2009	0.002	
4/28/2010	0.0049	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	0.0015	
4/2/2013	0.0017	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005 (D)	
6/1/2016	<0.005 (D)	
2/22/2017	0.0012 (J)	
4/11/2017	<0.005	
6/16/2017	<0.005	
7/12/2017	<0.005	
7/28/2017	<0.005	
8/10/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019		<0.005
9/18/2019		<0.005
3/17/2020		0.002 (J)
9/22/2020		<0.005
3/19/2021		<0.005
8/12/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.083 (O)	
11/2/2007	0.0071	
11/17/2007	0.012	
1/15/2008	0.043 (o)	
3/5/2008	0.0044	
5/7/2008	0.0084	
12/2/2008	0.0056	
4/16/2009	0.0042	
10/20/2009	0.0037	
4/20/2010	<0.005	
9/29/2010	0.0028	
4/12/2011	<0.005	
10/4/2011	0.0015	
4/4/2012	<0.005	
10/10/2012	0.0029	
4/15/2013	0.0036	
10/22/2013	0.0048	
4/21/2014	0.0043	
9/30/2014	0.0037	
4/3/2015	0.016	
10/7/2015	0.0092	
4/5/2016	0.019 (J)	
6/1/2016	0.006 (J)	
8/9/2016	0.0086 (JD)	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	0.0006 (J)	
7/12/2017	0.0005 (J)	
10/5/2017	0.0006 (J)	
3/22/2018	<0.005	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		0.00046 (X)
3/13/2020		0.00093 (J)
9/21/2020		<0.005
3/18/2021		0.0023 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.014	
11/2/2007	0.0036	
11/17/2007	0.031 (O)	
1/15/2008	0.011	
3/6/2008	0.0027	
5/7/2008	0.008	
12/2/2008	0.0059	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	0.0013	
4/18/2011	<0.005	
10/12/2011	0.0014	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	0.0021	
10/22/2013	<0.005	
4/21/2014	0.0013 (J)	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	<0.005	
6/15/2017	0.0005 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019		<0.005
9/17/2019		0.00044 (J)
3/13/2020		0.0011 (J)
9/21/2020		0.0016 (J)
3/18/2021		0.00089 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.061 (O)	
11/2/2007	0.078 (O)	
11/18/2007	0.085 (O)	
1/15/2008	0.079 (O)	
3/10/2008	0.062 (O)	
5/13/2008	0.044 (O)	
12/2/2008	0.027	
4/28/2009	0.016	
10/20/2009	0.018	
4/27/2010	0.012	
10/5/2010	0.0067	
4/19/2011	0.0081	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	0.0029	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	<0.005	
6/15/2017	0.0005 (J)	
7/12/2017	0.0008 (J)	
7/26/2017	0.0006 (J)	
10/6/2017	0.0008 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		0.00064 (X)
3/13/2020		0.0012 (J)
9/21/2020		0.00089 (J)
3/18/2021		0.00078 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	<0.005	
6/5/2017	<0.005	
9/26/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/11/2019		<0.005
3/10/2020		0.00074 (J)
9/15/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/4/2016	<0.005 (D)	
1/23/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
6/7/2017	<0.005	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019		<0.005 (D)
9/11/2019		<0.005 (D)
3/10/2020		0.0007 (J)
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
6/7/2017	0.0004 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019		<0.005 (D)
9/11/2019		<0.005 (D)
3/10/2020		0.00092 (J)
9/11/2020		0.00067 (J)
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.01	
5/17/2016	<0.01	
7/26/2016	0.0017 (J)	
9/20/2016	0.0015 (J)	
11/4/2016	0.0016 (J)	
1/20/2017	0.0018 (J)	
3/28/2017	<0.01 (*)	
6/7/2017	0.0018 (J)	
9/29/2017	0.0033 (J)	
3/15/2018	0.0021 (J)	
9/13/2018	0.0041 (J)	
3/18/2019		0.0022 (J)
9/11/2019		0.0038 (J)
3/10/2020		0.0035 (J)
9/14/2020		0.006 (J)
3/11/2021		0.0059
5/26/2021		0.0052
8/5/2021		0.0057

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.0439 (O)	
5/18/2016	0.00248 (J)	
7/27/2016	0.0021 (J)	
9/20/2016	0.002 (J)	
11/7/2016	0.0023 (J)	
1/23/2017	0.0011 (J)	
3/29/2017	0.0012 (J)	
6/8/2017	0.0015 (J)	
9/27/2017	0.0021 (J)	
3/15/2018	0.0023 (J)	
9/13/2018	<0.01	
3/15/2019		<0.01
9/12/2019		0.0014 (J)
3/9/2020		0.0012 (J)
9/14/2020		0.0022 (J)
3/11/2021		0.0013 (J)
8/5/2021		0.0014 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.00136 (J)	
5/18/2016	0.00606 (JO)	
7/27/2016	0.0023 (J)	
9/20/2016	0.0021 (J)	
11/4/2016	0.0016 (J)	
1/20/2017	0.0016 (J)	
3/29/2017	0.001 (J)	
6/8/2017	0.0024 (J)	
9/27/2017	0.0021 (J)	
3/16/2018	0.003 (J)	
9/13/2018	0.0017 (J)	
3/19/2019		0.018
9/11/2019		0.0015 (J)
3/9/2020		0.0023 (J)
9/15/2020		0.0017 (J)
3/11/2021		0.0019 (J)
8/5/2021		0.0022 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.000148 (J)	
5/17/2016	<0.01	
7/27/2016	0.0017 (J)	
9/20/2016	0.0024 (J)	
11/4/2016	0.0013 (J)	
1/23/2017	<0.01	
3/28/2017	<0.01 (*)	
6/8/2017	0.0016 (J)	
9/29/2017	0.002 (J)	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/15/2019		0.0023 (J)
9/11/2019		0.00165 (JD)
3/9/2020		0.0023 (J)
9/14/2020		0.0024 (J)
3/11/2021		0.0021 (J)
8/4/2021		0.0018 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	0.0006 (J)	
9/21/2016	0.0011 (J)	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	0.0004 (J)	
6/8/2017	0.0005 (J)	
9/29/2017	0.0005 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019		<0.005
9/11/2019		0.00063 (J)
3/11/2020		0.0012 (J)
9/11/2020		<0.005
3/15/2021		0.00076 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.017 (J)	
5/18/2016	<0.005	
7/28/2016	0.0014 (J)	
9/21/2016	0.0009 (J)	
11/7/2016	<0.005	
1/24/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/14/2018	<0.005	
3/19/2019		0.0017 (J)
9/11/2019		0.002 (J)
3/9/2020		0.00096 (J)
9/14/2020		<0.005
3/15/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0076	
10/25/2007	0.015	
11/19/2007	0.013	
1/23/2008	0.032	
3/11/2008	0.024	
5/12/2008	0.016	
12/11/2008	0.013	
4/15/2009	0.0073	
10/9/2009	0.0037	
5/4/2010	<0.005	
10/12/2010	0.0023	
4/28/2011	0.002	
10/19/2011	0.0015	
5/2/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	0.0015	
10/16/2013	<0.005	
4/23/2014	0.0013 (J)	
10/3/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/27/2016	<0.005	
11/11/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0005 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019		<0.005
9/16/2019		<0.005
3/16/2020		0.00078 (J)
9/16/2020		<0.005
3/17/2021		0.00069 (J)
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.01	
10/25/2007	0.002	
11/20/2007	0.017	
1/23/2008	0.064 (O)	
3/11/2008	0.013	
5/14/2008	0.027	
12/11/2008	<0.01	
4/23/2009	<0.01	
10/9/2009	0.0014	
5/4/2010	<0.01	
10/11/2010	0.0027	
4/26/2011	0.0015	
10/18/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/10/2013	0.0013	
10/8/2013	0.0017	
4/14/2014	0.004	
10/3/2014	0.0017	
4/1/2015	0.0027	
10/9/2015	0.0016	
3/29/2016	0.00738 (J)	
5/24/2016	0.00263 (J)	
8/1/2016	<0.01	
9/26/2016	0.0014 (J)	
11/18/2016	<0.01	
2/1/2017	0.0024 (J)	
4/6/2017	<0.01	
6/13/2017	0.0031 (J)	
10/3/2017	0.0025 (J)	
3/19/2018	0.0035 (J)	
9/17/2018	0.0024 (J)	
3/21/2019		0.0029 (J)
9/16/2019		0.002 (J)
3/12/2020		0.0034 (J)
9/16/2020		0.0022 (J)
3/17/2021		0.0027 (J)
8/10/2021		0.0027 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.0015	
6/18/2015	0.0013 (D)	
7/2/2015	0.0014	
10/9/2015	0.0015	
3/29/2016	<0.01	
5/24/2016	<0.01	
8/1/2016	<0.01	
9/26/2016	0.002 (J)	
11/14/2016	<0.01	
2/1/2017	0.0017 (J)	
4/6/2017	<0.01	
6/13/2017	0.0015 (J)	
10/3/2017	0.0018 (J)	
3/20/2018	0.0017 (J)	
9/17/2018	0.002 (J)	
3/21/2019		0.0025 (J)
9/16/2019		0.002 (J)
3/12/2020		0.0028 (J)
9/16/2020		0.0023 (J)
3/17/2021		0.0021 (J)
8/10/2021		0.0021 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/21/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
7/14/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019		<0.005
9/13/2019		<0.005
3/12/2020		0.0014 (J)
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.01	
4/30/2012	<0.01	
10/3/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	0.0019	
4/10/2014	0.0034	
10/2/2014	0.0056	
4/3/2015	0.0022	
10/8/2015	0.0033	
3/30/2016	0.0228 (O)	
5/24/2016	<0.01	
8/2/2016	<0.01	
9/27/2016	<0.01	
11/22/2016	<0.01	
2/6/2017	<0.01	
4/6/2017	<0.01	
6/14/2017	0.0009 (J)	
10/4/2017	<0.01	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/27/2019		0.0021 (J)
9/16/2019		0.000465 (JD)
3/12/2020		0.0031 (J)
9/17/2020		0.00086 (J)
3/17/2021		0.00079 (J)
8/10/2021		0.0014 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.01	
6/18/2015	0.0024 (D)	
7/2/2015	<0.01	
10/8/2015	<0.01	
3/22/2016	0.048 (O)	
5/25/2016	0.00441 (J)	
8/2/2016	<0.01	
9/26/2016	0.002 (J)	
11/21/2016	0.0017 (J)	
2/3/2017	0.0018 (J)	
4/7/2017	<0.01	
6/13/2017	0.0019 (J)	
10/3/2017	0.0022 (J)	
3/20/2018	0.0017 (J)	
9/18/2018	<0.01	
5/6/2019		0.0048 (J)
9/16/2019		0.002 (J)
3/16/2020		0.0015 (J)
9/17/2020		0.0017 (J)
3/18/2021		0.0015 (J)
8/10/2021		0.0019 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	0.0061	
11/19/2007	0.018 (J)	
1/15/2008	0.078 (O)	
3/6/2008	0.054 (O)	
5/13/2008	0.0085	
12/12/2008	0.0023	
4/16/2009	<0.005	
10/13/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	0.0013	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.00115 (D)	
3/30/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019		<0.005
9/16/2019		<0.005
3/12/2020		0.00045 (J)
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	0.0045	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0041	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0012 (J)	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	0.0004 (J)	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019		0.00078 (J)
9/12/2019		0.00047 (J)
3/11/2020		0.00037 (J)
9/15/2020		0.00048 (J)
3/16/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.013	
11/18/2007	0.0041	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	0.012	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019		<0.005
9/12/2019		<0.005 (D)
3/11/2020		<0.005
9/15/2020		<0.005
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	0.0083 (O)	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019		<0.005
9/13/2019		<0.005
3/11/2020		<0.005
9/15/2020		0.001 (J)
3/16/2021		<0.005
8/9/2021		0.0016 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.00313 (JD)	
7/27/2016	0.0057 (JD)	
2/21/2017	<0.005	
3/27/2017	<0.005 (D)	
6/8/2017	<0.005 (D)	
7/17/2017	<0.005 (D)	
7/27/2017	<0.005	
8/9/2017	<0.005	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019		<0.005
3/9/2020		<0.005
9/16/2020		<0.005
3/16/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.00503 (J)	
5/11/2016	0.0114	
7/19/2016	0.0013 (J)	
9/15/2016	0.002 (J)	
11/2/2016	0.0005 (J)	
1/18/2017	0.0015 (J)	
3/28/2017	0.0025 (J)	
6/7/2017	0.0023 (J)	
9/26/2017	0.0011 (J)	
3/14/2018	0.00058 (J)	
9/12/2018	<0.005	
3/15/2019		<0.005
9/9/2019		<0.005
3/9/2020		0.00075 (J)
9/10/2020		<0.005
3/12/2021		0.00079 (J)
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.0033	
11/2/2007	0.0046	
11/18/2007	0.0057	
1/31/2008	0.0055	
3/11/2008	0.0033	
5/14/2008	0.0044	
12/5/2008	0.0035	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	0.0013 (J)	
10/4/2014	0.00081 (J)	
3/31/2015	0.0021	
10/12/2015	0.00078 (J)	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	0.0007 (J)	
9/22/2016	0.0007 (J)	
11/10/2016	0.0007 (J)	
1/31/2017	0.0007 (J)	
3/30/2017	0.0007 (J)	
6/12/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/19/2018	0.00059 (J)	
9/17/2018	0.00057 (J)	
3/20/2019		<0.005
9/13/2019		0.00046 (J)
3/11/2020		0.00041 (J)
3/29/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0006 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	0.0005 (J)	
6/6/2017	<0.005	
9/25/2017	0.0006 (J)	
3/14/2018	<0.005	
9/12/2018	0.0011 (J)	
3/14/2019		<0.005
9/10/2019		<0.005
3/9/2020		<0.005
9/10/2020		<0.005
3/10/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	0.0004 (J)	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019		<0.005
9/10/2019		<0.005
3/6/2020		0.00039 (J)
9/10/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/11/2019		<0.005
3/9/2020		0.00039 (J)
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	<0.01	
4/7/2017	0.0018 (J)	
6/14/2017	0.0045 (JD)	
7/12/2017	0.0046 (JD)	
7/20/2017	0.0109 (D)	
7/28/2017	0.0104	
8/9/2017	0.0022 (J)	
8/24/2017	0.0076 (J)	
10/3/2017	0.0028 (JD)	
3/21/2018	0.014	
9/18/2018	0.017	
3/21/2019		0.022 (D)
9/12/2019		0.02 (D)
3/12/2020		0.013
9/17/2020		0.019
3/16/2021		0.015
8/10/2021		0.011

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.005	
4/23/2009	0.0029	
10/6/2009	<0.005	
5/3/2010	<0.005	
10/11/2010	<0.005	
4/27/2011	0.0028	
10/19/2011	<0.005	
5/1/2012	<0.005	
10/2/2012	<0.005	
4/10/2013	0.0014	
10/16/2013	0.0014	
4/22/2014	0.0013	
10/1/2014	<0.005	
3/30/2015	0.00079 (J)	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/11/2016	<0.005	
1/30/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/18/2018	<0.005	
3/19/2019		<0.005
9/12/2019		<0.005
3/11/2020		<0.005
9/15/2020		<0.005
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.005	
11/1/2007	<0.005	
11/20/2007	0.0046	
1/30/2008	0.0079	
3/6/2008	0.0037	
5/12/2008	<0.005	
12/13/2008	0.013	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	0.0018	
4/3/2013	0.0014	
10/15/2013	0.0018	
4/9/2014	0.0013 (J)	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	0.0006 (J)	
2/7/2017	0.0017 (J)	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.0021 (J)	
9/18/2018	<0.005	
3/22/2019		0.0011 (J)
9/17/2019		<0.005
3/12/2020		0.0017 (J)
9/17/2020		<0.005
3/18/2021		0.001 (J)
8/10/2021		0.00075 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	0.0031	
11/1/2007	0.0034	
11/18/2007	0.0045	
1/30/2008	0.0027	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	0.0037	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.0036	
10/2/2014	0.016	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		<0.005
3/12/2020		<0.005
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	0.11 (O)	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0026	
10/11/2015	0.00065 (J)	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/4/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		<0.005
3/12/2020		<0.005
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.0013	
11/1/2007	0.0041	
11/19/2007	0.0055	
1/16/2008	0.008	
3/5/2008	0.98 (C)	
5/13/2008	0.01	
12/13/2008	0.0073	
4/16/2009	0.0033	
10/21/2009	0.0039	
4/27/2010	0.0044	
10/5/2010	0.005	
4/19/2011	0.0039	
10/12/2011	0.0032	
4/24/2012	<0.0013	
10/2/2012	<0.0013	
4/2/2013	0.0038	
10/9/2013	0.003	
4/1/2014	0.0027	
10/2/2014	0.0027	
4/1/2015	0.0028	
10/14/2015	0.003	
4/4/2016	0.00351 (J)	
5/27/2016	0.00332 (J)	
8/3/2016	0.003 (J)	
9/30/2016	0.0035 (J)	
11/22/2016	0.0027 (J)	
2/13/2017	0.003 (J)	
4/11/2017	0.0031 (J)	
6/14/2017	0.0031 (J)	
10/4/2017	0.0032 (J)	
3/22/2018	0.0033 (J)	
9/18/2018	0.0031 (J)	
3/23/2019		0.0032 (J)
9/17/2019		0.00305 (D)
3/12/2020		0.0031 (J)
9/21/2020		0.0029 (J)
3/19/2021		0.0029 (J)
8/11/2021		0.0026 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.01	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	0.0037	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.011	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	0.00051 (J)	
4/4/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/12/2017	<0.005	
6/16/2017	<0.005	
10/9/2017	<0.005	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019		<0.005
9/18/2019		0.0005 (J)
3/13/2020		<0.005
9/22/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.0079	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
6/1/2016	<0.005	
2/22/2017	<0.005	
4/11/2017	<0.005	
6/16/2017	<0.005	
7/12/2017	<0.005	
7/28/2017	<0.005	
8/10/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019		<0.005
9/18/2019		<0.005
3/17/2020		<0.005
9/22/2020		<0.005
3/19/2021		<0.005
8/12/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	0.0039	
1/15/2008	<0.005	
3/5/2008	0.005	
5/7/2008	<0.005	
12/2/2008	0.011	
4/16/2009	0.005	
10/20/2009	0.0074	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
6/1/2016	<0.005	
8/9/2016	0.0003 (J)	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
7/12/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	0.00058 (J)	
3/22/2019		<0.005
9/17/2019		<0.005
3/13/2020		<0.005
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	0.0006 (J)	
6/15/2017	0.0004 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019		<0.005
9/17/2019		<0.005
3/13/2020		<0.005
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/15/2008	0.0029	
3/10/2008	0.069 (O)	
5/13/2008	<0.005	
12/2/2008	0.0027	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	<0.005	
6/15/2017	<0.005	
7/12/2017	<0.005	
7/26/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/13/2020		<0.005
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00101 (J)	
5/16/2016	<0.01	
7/25/2016	0.0015 (J)	
9/19/2016	0.0014 (J)	
11/3/2016	0.0013 (J)	
1/19/2017	0.0013 (J)	
3/28/2017	0.0019 (J)	
6/5/2017	0.0022 (J)	
9/26/2017	0.0018 (J)	
3/15/2018	0.0018 (J)	
9/12/2018	0.0016 (J)	
3/14/2019		0.0022 (J)
9/11/2019		0.0018 (J)
3/10/2020		0.0021 (J)
9/15/2020		0.0015 (J)
3/11/2021		0.0016 (J)
8/4/2021		0.0016 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.01 (D)	
5/16/2016	<0.01 (D)	
7/25/2016	0.0017 (JD)	
9/19/2016	0.0017 (JD)	
11/4/2016	0.0013 (JD)	
1/23/2017	0.0013 (JD)	
3/29/2017	0.0013 (JD)	
6/7/2017	0.0011 (J)	
9/27/2017	0.0013 (J)	
3/15/2018	0.0012 (J)	
9/13/2018	0.001 (J)	
3/14/2019		0.0015 (JD)
9/11/2019		0.0014 (JD)
3/10/2020		0.0012 (J)
9/11/2020		0.0012 (J)
3/11/2021		0.0011 (J)
8/6/2021		0.0011 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	0.0006 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
6/7/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019		<0.005
9/11/2019		<0.005
3/10/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00207 (J)	
5/17/2016	0.0025 (J)	
7/27/2016	0.0014 (J)	
9/20/2016	0.0015 (J)	
11/4/2016	0.0014 (J)	
1/23/2017	<0.01	
3/28/2017	0.0015 (J)	
6/8/2017	0.0016 (J)	
9/29/2017	0.0015 (J)	
3/15/2018	0.0013 (J)	
9/13/2018	0.0013 (J)	
3/15/2019		0.0012 (J)
9/11/2019		0.00135 (JD)
3/9/2020		0.0016 (J)
9/14/2020		0.0017 (J)
3/11/2021		0.0025 (J)
8/4/2021		0.0017 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.01	
5/18/2016	<0.01	
7/28/2016	0.0026 (J)	
9/21/2016	0.0044 (J)	
11/7/2016	0.0044 (J)	
1/24/2017	0.0049 (J)	
3/30/2017	0.0041 (J)	
6/9/2017	0.0054 (J)	
9/29/2017	0.0038 (J)	
3/15/2018	0.0026 (J)	
9/14/2018	0.0017 (J)	
3/19/2019		0.00069 (J)
9/11/2019		0.00075 (J)
3/9/2020		0.0028 (J)
9/14/2020		0.0014 (J)
3/15/2021		0.00056 (J)
8/5/2021		0.0025 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.005	
10/25/2007	<0.005	
11/19/2007	<0.005	
1/23/2008	0.0073	
3/11/2008	0.0025	
5/12/2008	<0.005	
12/11/2008	<0.005	
4/15/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/12/2010	<0.005	
4/28/2011	<0.005	
10/19/2011	<0.005	
5/2/2012	<0.005	
10/9/2012	0.0024	
4/11/2013	0.002	
10/16/2013	0.0023	
4/23/2014	0.003	
10/3/2014	0.0034	
3/31/2015	0.00079 (J)	
10/12/2015	0.00063 (J)	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	0.0005 (J)	
9/27/2016	<0.005	
11/11/2016	0.0006 (J)	
1/31/2017	0.0007 (J)	
4/3/2017	0.0005 (J)	
6/12/2017	0.0004 (J)	
10/3/2017	0.0003 (J)	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019		<0.005
9/16/2019		<0.005
3/16/2020		0.00031 (J)
9/16/2020		<0.005
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	0.0038	
11/20/2007	<0.005	
1/23/2008	0.0047	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/11/2008	<0.005	
4/23/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/11/2010	<0.005	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	0.0013 (J)	
10/3/2014	0.00071 (J)	
4/1/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/18/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019		<0.005
9/16/2019		<0.005
3/12/2020		<0.005
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.01	
8/2/2016	0.0018 (J)	
9/27/2016	0.0011 (J)	
11/21/2016	0.0008 (J)	
2/1/2017	0.0008 (J)	
4/6/2017	0.0008 (J)	
6/13/2017	0.0007 (J)	
7/14/2017	0.0005 (J)	
10/3/2017	0.0007 (J)	
3/20/2018	0.00076 (J)	
9/18/2018	0.00055 (J)	
3/21/2019		0.00059 (J)
9/13/2019		0.00099 (J)
3/12/2020		0.00031 (J)
9/16/2020		0.00072 (J)
3/17/2021		0.00045 (J)
8/10/2021		0.00087 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	0.0013 (J)	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.0014	
3/30/2016	<0.005	
5/24/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/22/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019		<0.005
9/16/2019		<0.005 (D)
3/12/2020		<0.005
9/17/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.0018	
6/18/2015	0.0018 (D)	
7/2/2015	0.0013	
10/8/2015	<0.005	
3/22/2016	<0.005	
5/25/2016	<0.005	
8/2/2016	<0.005	
9/26/2016	<0.005	
11/21/2016	<0.005	
2/3/2017	<0.005	
4/7/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019		<0.005
9/16/2019		<0.005
3/16/2020		<0.005
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0034	
1/15/2008	0.0067	
3/6/2008	0.13 (O)	
5/13/2008	<0.005	
12/12/2008	0.0042	
4/16/2009	0.0047	
10/13/2009	0.0037	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	0.0013	
4/9/2014	0.0013 (J)	
9/30/2014	<0.005	
4/2/2015	0.00064 (J)	
10/10/2015	0.0015 (D)	
3/30/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019		<0.005
9/16/2019		<0.005
3/12/2020		0.00044 (J)
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.0066	
10/23/2007	0.0076	
11/18/2007	0.0055 (J)	
1/30/2008	0.0094	
3/10/2008	0.0056	
5/13/2008	0.0027	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0076	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	0.005 (J)	
9/30/2014	<0.005	
3/30/2015	0.0033 (J)	
10/13/2015	0.0013 (J)	
3/22/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0004 (J)	
10/2/2017	0.0003 (J)	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019		<0.005
9/12/2019		<0.005
3/11/2020		<0.005
9/15/2020		<0.005
3/16/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.0088	
11/18/2007	0.0075	
1/31/2008	<0.005	
3/11/2008	0.0068	
5/6/2008	<0.005	
12/4/2008	0.013	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	0.0027	
4/13/2011	0.0029	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	0.0032 (J)	
3/30/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	0.0025 (J)	
9/14/2018	<0.005	
3/20/2019		<0.005
9/12/2019		0.01273 (D)
3/11/2020		0.0002 (J)
9/15/2020		<0.005
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0036	
10/24/2007	<0.005	
11/18/2007	0.013	
1/31/2008	0.0069	
3/10/2008	0.0044	
5/13/2008	0.0033	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	0.005 (J)	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	0.0006 (J)	
4/3/2017	0.0004 (J)	
10/2/2017	0.0003 (J)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019		<0.005
9/13/2019		0.00055 (J)
3/11/2020		0.0011 (J)
9/15/2020		<0.005
3/16/2021		<0.005
8/9/2021		0.0013 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005	
7/27/2016	0.0271 (o)	
2/21/2017	<0.005	
3/27/2017	<0.005	
9/29/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	0.002 (J)	
3/14/2019		<0.005
3/9/2020		0.011 (J)
9/16/2020		<0.005
3/16/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	0.0005 (J)	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019		<0.005
9/9/2019		<0.005
3/9/2020		0.0007 (J)
9/10/2020		<0.005
3/12/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.017	
11/2/2007	0.016	
11/18/2007	0.048	
1/31/2008	0.039	
3/11/2008	0.037	
5/14/2008	0.051	
12/5/2008	0.038	
4/15/2009	0.033	
10/8/2009	0.037	
4/28/2010	0.037	
10/6/2010	0.041	
4/21/2011	0.034	
10/13/2011	0.048	
5/1/2012	0.0427	
10/9/2012	0.038	
4/11/2013	0.038	
10/16/2013	0.036	
4/23/2014	0.03	
10/4/2014	0.029	
3/31/2015	0.026	
10/12/2015	0.05	
3/23/2016	0.0297	
7/29/2016	0.0419	
3/30/2017	0.0392	
10/4/2017	0.0343	
3/19/2018	0.033	
9/17/2018	0.033	
3/20/2019		0.026
9/13/2019		0.026
3/11/2020		0.027
3/29/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/9/2019		0.0022 (J)
3/9/2020		<0.005
9/11/2020		<0.005
3/10/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	0.0007 (J)	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005	
9/25/2017	0.0003 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/10/2019		0.00038 (JD)
3/6/2020		0.00093 (J)
9/10/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0005 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
9/25/2017	0.0007 (J)	
3/14/2018	0.0021 (J)	
9/12/2018	<0.005	
3/14/2019		0.0022 (J)
9/10/2019		0.0022 (J)
3/9/2020		0.0014 (J)
9/10/2020		<0.005
3/10/2021		<0.005
8/4/2021		0.0008 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	0.003 (J)	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019		<0.005
9/10/2019		<0.005
3/6/2020		0.00019 (J)
9/10/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/22/2017	0.0004 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/11/2019		0.00036 (J)
3/9/2020		0.00035 (J)
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/22/2017	0.0006 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		0.0015 (J)
9/11/2019		0.00026 (J)
3/9/2020		0.00035 (J)
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	0.0004 (J)	
10/3/2017	<0.005 (D)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/21/2019		<0.005 (D)
9/12/2019		0.00045 (JD)
3/12/2020		0.0002 (J)
9/17/2020		<0.005
3/16/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.018	
4/23/2009	0.013	
10/6/2009	0.012	
4/27/2010	0.0095	
9/30/2010	0.0087	
4/14/2011	0.0061	
10/5/2011	<0.025	
4/11/2012	<0.025	
10/2/2012	<0.025	
4/9/2013	0.0053	
10/15/2013	0.0076	
4/10/2014	0.005	
10/1/2014	0.0047 (J)	
3/30/2015	0.0048 (J)	
10/11/2015	0.0055	
3/28/2016	<0.025	
8/1/2016	0.0025 (J)	
4/7/2017	0.003 (J)	
10/2/2017	0.0031 (J)	
3/16/2018	0.0037 (J)	
9/17/2018	0.0028 (J)	
3/19/2019		0.0023 (J)
9/13/2019		0.0023 (J)
3/11/2020		0.0026 (J)
9/16/2020		0.0018 (J)
3/17/2021		0.0019 (J)
8/9/2021		0.0017 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.064 (O)	
4/23/2009	0.034	
10/6/2009	0.026	
5/3/2010	0.014	
10/11/2010	0.014	
4/27/2011	0.028	
10/19/2011	<0.013	
5/1/2012	0.0198	
10/2/2012	0.011	
4/10/2013	0.018	
10/16/2013	0.016	
4/22/2014	0.014	
10/1/2014	0.0041 (J)	
3/30/2015	0.012	
10/11/2015	0.0049 (J)	
3/28/2016	0.00734 (J)	
8/1/2016	0.0049 (J)	
4/3/2017	0.0023 (J)	
10/2/2017	0.0023 (J)	
3/16/2018	0.0035 (J)	
9/18/2018	0.0041 (J)	
3/19/2019		0.0029 (J)
9/12/2019		0.0028 (J)
3/11/2020		0.0035 (J)
9/15/2020		0.0031 (J)
3/17/2021		0.0024 (J)
8/9/2021		0.0028 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.0058	
11/1/2007	<0.005	
11/20/2007	0.006	
1/30/2008	0.0037	
3/6/2008	0.004	
5/12/2008	<0.005	
12/13/2008	0.0051	
4/29/2009	0.003	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.0027 (J)	
3/31/2016	<0.005	
8/5/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/12/2020		<0.005
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.007	
11/1/2007	<0.005	
11/20/2007	0.0032	
1/30/2008	0.0039	
3/6/2008	<0.005	
5/8/2008	0.0039	
12/14/2008	0.0046	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019		<0.005
9/17/2019		0.00029 (J)
3/12/2020		<0.005
9/17/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.0037	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	0.0028	
4/12/2011	<0.005	
10/4/2011	0.013	
4/3/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	0.00084 (J)	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		<0.005
3/12/2020		0.00023 (J)
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.0032	
11/1/2007	0.0031	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	0.0029	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.005 (J)	
10/2/2014	0.0022 (J)	
4/1/2015	0.019	
10/11/2015	0.013	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		0.00031 (J)
3/12/2020		0.00032 (J)
9/21/2020		<0.005
3/19/2021		0.0018 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0029	
1/16/2008	0.0067	
3/5/2008	0.0058	
5/13/2008	<0.005	
12/13/2008	<0.005	
4/16/2009	0.0032	
10/21/2009	<0.005	
4/27/2010	0.0034	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	0.0063	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	0.0017 (J)	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/11/2017	0.0003 (J)	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		<0.005 (D)
3/12/2020		<0.005
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0035	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.0028	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	0.0003 (J)	
10/9/2017	0.0005 (J)	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019		<0.005
9/18/2019		0.00057 (J)
3/13/2020		0.00033 (J)
9/22/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0043	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.013	
4/29/2009	0.0029	
10/21/2009	<0.005	
4/28/2010	0.0032	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	0.005 (J)	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019		<0.005
9/18/2019		0.00021 (X)
3/17/2020		0.00045 (J)
9/22/2020		<0.005
3/19/2021		<0.005
8/12/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0048 (J)	
11/2/2007	<0.005	
11/17/2007	0.0031	
1/15/2008	0.0033	
3/5/2008	0.0026	
5/7/2008	0.0028	
12/2/2008	0.0029	
4/16/2009	0.0035	
10/20/2009	0.0056	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	0.0012 (J)	
4/5/2016	<0.005	
8/9/2016	<0.005	
4/11/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/13/2020		<0.005
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	0.02	
1/15/2008	0.0043	
3/6/2008	<0.005	
5/7/2008	0.0026	
12/2/2008	<0.005	
4/28/2009	0.003	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	0.0025	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	0.00093 (J)	
4/5/2016	<0.005	
8/4/2016	0.0007 (J)	
4/12/2017	<0.005	
10/6/2017	0.0003 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019		<0.005
9/17/2019		<0.005
3/13/2020		0.00029 (J)
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.021	
11/2/2007	0.0037	
11/18/2007	0.007 (J)	
1/15/2008	0.0055	
3/10/2008	0.0042	
5/13/2008	<0.005	
12/2/2008	0.0039	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	0.005 (J)	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
4/11/2017	0.0003 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/13/2020		0.0002 (J)
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	0.0005 (J)	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	<0.005 (*)	
9/26/2017	0.0006 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/11/2019		0.00043 (J)
3/10/2020		0.00067 (J)
9/15/2020		<0.005
3/11/2021		<0.005
8/4/2021		0.0006 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	0.0032 (JD)	
11/4/2016	0.0006 (JD)	
1/23/2017	0.0008 (JD)	
3/29/2017	0.0005 (JD)	
9/27/2017	0.0014 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019		<0.005 (D)
9/11/2019		0.012 (JD)
3/10/2020		0.00031 (J)
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	0.0022 (JD)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019		<0.005 (D)
9/11/2019		<0.005 (D)
3/10/2020		<0.005
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	0.0008 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019		<0.005
9/11/2019		<0.005
3/10/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.0011 (J)	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019		<0.005
9/12/2019		<0.005
3/9/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.001 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	0.0011 (J)	
3/16/2018	<0.005	
9/13/2018	<0.005	
3/19/2019		<0.005
9/11/2019		0.0008 (J)
3/9/2020		0.00032 (J)
9/15/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.005	
5/17/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.0018 (J)	
11/4/2016	<0.005	
1/23/2017	<0.005	
3/28/2017	<0.005 (*)	
9/29/2017	0.0003 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019		<0.005
9/11/2019		0.000535 (JD)
3/9/2020		0.00035 (J)
9/14/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.005	
5/18/2016	<0.005	
7/28/2016	0.0007 (J)	
9/21/2016	0.0018 (J)	
11/7/2016	<0.005	
1/24/2017	<0.005	
3/30/2017	0.0003 (J)	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/14/2018	<0.005	
3/19/2019		<0.005
9/11/2019		0.00021 (J)
3/9/2020		0.00035 (J)
9/14/2020		<0.005
3/15/2021		<0.005
8/5/2021		0.00061 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0064	
10/25/2007	0.0081	
11/19/2007	0.0059	
1/23/2008	0.018	
3/11/2008	0.027	
5/12/2008	0.016	
12/11/2008	0.016	
4/15/2009	0.017	
10/9/2009	0.045	
5/4/2010	0.031	
10/12/2010	0.024	
4/28/2011	0.0044	
10/19/2011	0.038	
5/2/2012	0.0865 (O)	
10/9/2012	0.053	
4/11/2013	0.04	
10/16/2013	0.054	
4/23/2014	0.054	
10/3/2014	0.066	
3/31/2015	0.025	
10/12/2015	0.018	
3/28/2016	0.0256	
8/1/2016	0.0178 (J)	
4/3/2017	0.0272	
10/3/2017	0.0239 (J)	
3/19/2018	0.021 (J)	
9/17/2018	0.018 (J)	
3/20/2019		0.023 (J)
9/16/2019		0.016 (J)
3/16/2020		0.012 (J)
9/16/2020		0.017 (J)
3/17/2021		0.019
8/9/2021		0.026

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.0033	
10/25/2007	<0.005	
11/20/2007	0.0052	
1/23/2008	0.0069	
3/11/2008	0.0029	
5/14/2008	0.0035	
12/11/2008	<0.005	
4/23/2009	0.0038	
10/9/2009	0.0032	
5/4/2010	<0.005	
10/11/2010	0.0029	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	0.005 (J)	
10/3/2014	0.00091 (J)	
4/1/2015	0.0011 (J)	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019		0.0018 (J)
9/16/2019		<0.005
3/12/2020		<0.005
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/17/2018	<0.005	
3/21/2019		<0.005
9/16/2019		<0.005
3/12/2020		0.00028 (J)
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	<0.005	
4/6/2017	0.0004 (J)	
10/3/2017	0.0006 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019		<0.005
9/13/2019		0.00025 (J)
3/12/2020		0.00021 (J)
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.002 (J)	
3/30/2016	<0.005	
8/2/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019		<0.005
9/16/2019		<0.005 (D)
3/12/2020		<0.005
9/17/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	0.005 (D)	
7/2/2015	<0.005	
10/8/2015	0.00091 (J)	
3/22/2016	<0.005	
8/2/2016	<0.005	
4/7/2017	<0.005	
10/3/2017	0.0003 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019		<0.005
9/16/2019		<0.005
3/16/2020		0.00024 (J)
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	0.0047	
11/19/2007	0.0067 (J)	
1/15/2008	0.01	
3/6/2008	0.007	
5/13/2008	<0.005	
12/12/2008	0.0048	
4/16/2009	0.0042	
10/13/2009	0.0034	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.00345 (D)	
3/30/2016	<0.005	
8/5/2016	<0.005	
4/6/2017	0.0003 (J)	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019		<0.005
9/16/2019		0.00021 (J)
3/12/2020		0.00031 (J)
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.001	
10/23/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/5/2008	<0.001	
4/15/2009	<0.001	
10/7/2009	<0.001	
5/3/2010	<0.001	
10/12/2010	<0.001	
4/27/2011	<0.001	
10/17/2011	<0.001	
5/2/2012	<0.001	
10/8/2012	<0.001	
4/12/2013	<0.001	
10/16/2013	<0.001	
4/11/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	0.0028 (J)	
10/13/2015	<0.001	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	0.0002 (J)	
9/23/2016	<0.001	
11/9/2016	0.0004 (J)	
1/30/2017	<0.001	
3/30/2017	8E-05 (J)	
6/9/2017	0.0001 (J)	
10/2/2017	0.0002 (J)	
3/16/2018	<0.001	
9/17/2018	<0.001 (D)	
3/20/2019		<0.001
9/12/2019		<0.001
3/11/2020		<0.001
9/15/2020		9.3E-05 (J)
3/16/2021		5.2E-05 (J)
8/9/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.001	
10/24/2007	<0.001	
11/18/2007	<0.001	
1/31/2008	<0.001	
3/11/2008	<0.001	
5/6/2008	<0.001	
12/4/2008	<0.001	
4/21/2009	<0.001	
10/7/2009	<0.001	
4/26/2010	<0.001	
10/4/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/11/2012	<0.001	
10/9/2012	<0.001	
4/15/2013	<0.001	
10/15/2013	<0.001	
4/22/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	<0.001	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/29/2016	0.0001 (J)	
9/23/2016	<0.001	
11/9/2016	<0.001	
1/31/2017	<0.001	
3/30/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/19/2018	<0.001	
9/14/2018	<0.001	
3/20/2019		<0.001
9/12/2019		0.002536 (D)
3/11/2020		<0.001
9/15/2020		<0.001
3/17/2021		<0.001
8/9/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.001	
10/24/2007	<0.001	
11/18/2007	<0.001	
1/31/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/4/2008	<0.001	
4/21/2009	<0.001	
10/8/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/9/2012	<0.001	
4/11/2013	<0.001	
10/16/2013	<0.001	
4/10/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	<0.001	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	<0.001	
9/22/2016	<0.001	
11/10/2016	<0.001	
1/31/2017	<0.001	
4/3/2017	<0.001	
6/9/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/19/2019		<0.001
9/13/2019		<0.001
3/11/2020		5.8E-05 (J)
9/15/2020		5E-05 (J)
3/16/2021		7E-05 (J)
8/9/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.001 (D)	
7/27/2016	0.0011 (JD)	
2/21/2017	<0.001	
3/27/2017	<0.001 (D)	
6/8/2017	<0.001 (D)	
7/17/2017	<0.001 (D)	
7/27/2017	0.0001 (J)	
8/9/2017	<0.001	
9/29/2017	<0.001 (D)	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/14/2019		<0.001
3/9/2020		0.00027 (J)
9/16/2020		0.0005 (J)
3/16/2021		0.0002 (J)
8/6/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.001	
5/11/2016	<0.001	
7/19/2016	<0.001	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001 (*)	
6/7/2017	8E-05 (J)	
9/26/2017	0.0002 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/15/2019		<0.001
9/9/2019		<0.001
3/9/2020		5.5E-05 (J)
9/10/2020		<0.001
3/12/2021		0.0002 (J)
8/4/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.001	
5/11/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/24/2017	<0.001 (*)	
5/24/2017	0.0001 (J)	
9/26/2017	0.0001 (J)	
3/14/2018	0.00046 (J)	
9/12/2018	<0.001	
3/13/2019		<0.001
9/9/2019		<0.001
3/9/2020		9.5E-05 (J)
9/11/2020		<0.001
3/10/2021		<0.001
8/4/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.001	
5/12/2016	<0.001	
7/20/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/18/2017	<0.001	
3/24/2017	<0.001	
6/6/2017	<0.001	
9/25/2017	<0.001	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/14/2019		<0.001
9/10/2019		<0.001 (D)
3/6/2020		9.1E-05 (J)
9/10/2020		<0.001
3/11/2021		<0.001
8/4/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.001	
5/13/2016	<0.001	
7/21/2016	0.0001 (J)	
9/21/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/6/2017	<0.001	
9/25/2017	0.0001 (J)	
3/14/2018	0.00031 (J)	
9/12/2018	<0.001	
3/14/2019		0.00031 (J)
9/10/2019		<0.001
3/9/2020		4.9E-05 (J)
9/10/2020		<0.001
3/10/2021		0.00012 (J)
8/4/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.001	
5/16/2016	<0.001	
7/22/2016	0.0001 (J)	
9/19/2016	0.0002 (J)	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/7/2017	<0.001	
9/26/2017	<0.001	
3/14/2018	<0.001	
9/14/2018	<0.001	
3/14/2019		<0.001
9/10/2019		<0.001
3/6/2020		0.00011 (J)
9/10/2020		<0.001
3/11/2021		<0.001
8/4/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001	
6/6/2017	7E-05 (J)	
9/22/2017	8E-05 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/13/2019		<0.001
9/11/2019		0.0001 (J)
3/9/2020		9.1E-05 (J)
9/11/2020		4.6E-05 (J)
3/11/2021		6.3E-05 (J)
8/6/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001	
6/6/2017	0.0001 (J)	
9/22/2017	7E-05 (J)	
3/15/2018	0.0038 (J)	
9/12/2018	<0.001	
3/13/2019		<0.001
9/11/2019		9.2E-05 (J)
3/9/2020		9.6E-05 (J)
9/14/2020		6.6E-05 (J)
3/11/2021		0.00013 (J)
8/5/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0002 (J)	
4/7/2017	<0.001	
6/14/2017	<0.001 (D)	
7/12/2017	<0.001 (D)	
7/20/2017	<0.001 (D)	
7/28/2017	<0.001	
8/9/2017	<0.001	
8/24/2017	<0.001	
10/3/2017	<0.001 (D)	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/21/2019		<0.001 (D)
9/12/2019		6.5E-05 (JD)
3/12/2020		<0.001
9/17/2020		<0.001
3/16/2021		<0.001
8/10/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.001	
4/23/2009	<0.001	
10/6/2009	<0.001	
4/27/2010	<0.001	
9/30/2010	<0.001	
4/14/2011	<0.001	
10/5/2011	<0.001	
4/11/2012	<0.001	
10/2/2012	<0.001	
4/9/2013	<0.001	
10/15/2013	<0.001	
4/10/2014	<0.001	
10/1/2014	<0.001	
3/30/2015	<0.001	
10/11/2015	<0.001	
3/28/2016	<0.001	
5/23/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	0.0001 (J)	
11/10/2016	<0.001	
1/30/2017	<0.001	
4/7/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	0.0003 (J)	
3/16/2018	<0.001	
9/17/2018	<0.001	
3/19/2019		<0.001
9/13/2019		<0.001
3/11/2020		<0.001
9/16/2020		9.3E-05 (J)
3/17/2021		<0.001
8/9/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.001	
4/23/2009	<0.001	
10/6/2009	<0.001	
5/3/2010	<0.001	
10/11/2010	<0.001	
4/27/2011	<0.001	
10/19/2011	<0.001	
5/1/2012	0.0012	
10/2/2012	<0.001	
4/10/2013	<0.001	
10/16/2013	<0.001	
4/22/2014	<0.001	
10/1/2014	<0.001	
3/30/2015	<0.001	
10/11/2015	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	<0.001	
11/11/2016	<0.001	
1/30/2017	<0.001	
4/3/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/18/2018	<0.001	
3/19/2019		<0.001
9/12/2019		<0.001
3/11/2020		<0.001
9/15/2020		<0.001
3/17/2021		<0.001
8/9/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.001	
11/1/2007	<0.001	
11/20/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/12/2008	<0.001	
12/13/2008	<0.001	
4/29/2009	<0.001	
10/20/2009	<0.001	
4/26/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/4/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/15/2013	<0.001	
4/9/2014	<0.001	
10/2/2014	<0.001	
4/2/2015	<0.001	
10/10/2015	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
8/5/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/7/2017	<0.001	
4/10/2017	<0.001	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
9/18/2018	<0.001	
3/22/2019		<0.001
9/17/2019		4.7E-05 (J)
3/12/2020		<0.001
9/17/2020		<0.001
3/18/2021		<0.001
8/10/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.001	
11/1/2007	<0.001	
11/20/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/8/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/21/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/8/2012	<0.001	
4/3/2013	<0.001	
10/15/2013	<0.001	
4/9/2014	<0.001	
10/2/2014	<0.001	
4/2/2015	<0.001	
10/12/2015	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
8/3/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/7/2017	<0.001	
4/10/2017	<0.001	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/22/2019		<0.001
9/17/2019		0.00017 (J)
3/12/2020		<0.001
9/17/2020		<0.001
3/18/2021		<0.001
8/11/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.001	
11/1/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/22/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/9/2013	<0.001	
4/2/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/11/2015	<0.001	
4/4/2016	<0.001	
5/26/2016	<0.001	
8/3/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/8/2017	<0.001	
4/10/2017	<0.001	
6/15/2017	9E-05 (J)	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/23/2019		<0.001
9/17/2019		4.6E-05 (J)
3/12/2020		5.2E-05 (J)
9/21/2020		<0.001
3/19/2021		<0.001
8/11/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.001	
11/1/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/7/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/22/2009	<0.001	
4/21/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/4/2011	<0.001	
4/4/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/9/2013	<0.001	
4/2/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/11/2015	<0.001	
4/4/2016	<0.001	
5/26/2016	<0.001	
8/4/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/8/2017	<0.001	
4/10/2017	<0.001	
6/15/2017	<0.001	
10/4/2017	<0.001	
3/22/2018	<0.001	
9/18/2018	<0.001	
3/23/2019		<0.001
9/17/2019		8.2E-05 (J)
3/12/2020		4.6E-05 (J)
9/21/2020		<0.001
3/19/2021		0.00018 (J)
8/11/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/31/2008	<0.001	
3/5/2008	<0.001	
5/12/2008	<0.001	
12/13/2008	<0.001	
4/28/2009	<0.001	
10/21/2009	<0.001	
4/28/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/18/2011	<0.001	
4/25/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/8/2013	<0.001	
4/1/2014	<0.001	
10/1/2014	<0.001	
4/1/2015	<0.001	
10/15/2015	<0.001	
4/4/2016	<0.001	
5/31/2016	<0.001	
8/4/2016	0.0001 (J)	
9/29/2016	0.0001 (J)	
11/28/2016	<0.001	
2/9/2017	0.0001 (J)	
4/12/2017	<0.001	
6/16/2017	0.0002 (J)	
10/9/2017	0.0001 (J)	
3/21/2018	<0.001	
9/19/2018	<0.001	
3/23/2019		<0.001
9/18/2019		0.0002 (J)
3/13/2020		0.00013 (J)
9/22/2020		0.00015 (J)
3/18/2021		0.00024 (J)
8/11/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/31/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/12/2008	<0.001	
4/29/2009	<0.001	
10/21/2009	<0.001	
4/28/2010	<0.001	
10/6/2010	<0.001	
4/20/2011	<0.001	
10/12/2011	<0.001	
4/25/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/8/2013	<0.001	
4/1/2014	<0.001	
10/1/2014	<0.001	
3/31/2015	<0.001	
10/14/2015	<0.001	
4/4/2016	<0.001	
6/1/2016	<0.001	
2/22/2017	0.0003 (J)	
4/11/2017	<0.001	
6/16/2017	<0.001	
7/12/2017	<0.001	
7/28/2017	<0.001	
8/10/2017	<0.001	
10/6/2017	<0.001	
3/23/2018	<0.001	
9/20/2018	<0.001	
3/22/2019		<0.001
9/18/2019		4.8E-05 (X)
3/17/2020		<0.001
9/22/2020		7.1E-05 (J)
3/19/2021		7.4E-05 (J)
8/12/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.001	
11/2/2007	<0.001	
11/17/2007	<0.001	
1/15/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/2/2008	<0.001	
4/16/2009	<0.001	
10/20/2009	<0.001	
4/20/2010	<0.001	
9/29/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/4/2012	<0.001	
10/10/2012	<0.001	
4/15/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/7/2015	<0.001	
4/5/2016	<0.001	
6/1/2016	<0.001	
8/9/2016	<0.001	
11/28/2016	<0.001	
2/9/2017	0.0002 (J)	
4/11/2017	<0.001	
6/14/2017	<0.001	
7/12/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
9/19/2018	<0.001	
3/22/2019		<0.001
9/17/2019		<0.001
3/13/2020		<0.001
9/21/2020		0.00023 (J)
3/18/2021		<0.001
8/11/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.001	
11/2/2007	<0.001	
11/17/2007	<0.001	
1/15/2008	<0.001	
3/6/2008	<0.001	
5/7/2008	<0.001	
12/2/2008	<0.001	
4/28/2009	<0.001	
10/19/2009	<0.001	
4/27/2010	<0.001	
10/4/2010	<0.001	
4/18/2011	<0.001	
10/12/2011	<0.001	
4/23/2012	<0.001	
10/10/2012	<0.001	
4/15/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/7/2015	<0.001	
4/5/2016	<0.001	
5/31/2016	<0.001	
8/4/2016	<0.001	
9/29/2016	0.0008 (J)	
11/23/2016	0.0011 (J)	
2/10/2017	<0.001	
4/12/2017	<0.001	
6/15/2017	0.0005 (J)	
10/6/2017	0.0004 (J)	
3/23/2018	0.00028 (J)	
9/19/2018	0.00029 (J)	
3/25/2019		0.00047 (J)
9/17/2019		0.00016 (J)
3/13/2020		0.00037 (J)
9/21/2020		0.00093 (J)
3/18/2021		0.00036 (J)
8/11/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.001	
11/2/2007	<0.001	
11/18/2007	<0.001	
1/15/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/2/2008	<0.001	
4/28/2009	<0.001	
10/20/2009	<0.001	
4/27/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/12/2011	<0.001	
4/25/2012	<0.001	
10/10/2012	<0.001	
4/16/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/6/2015	<0.001	
4/5/2016	<0.001	
5/31/2016	<0.001	
11/23/2016	<0.001	
2/10/2017	<0.001	
4/11/2017	<0.001	
6/15/2017	<0.001	
7/12/2017	<0.001	
7/26/2017	<0.001	
10/6/2017	<0.001	
3/23/2018	<0.001	
9/19/2018	<0.001	
3/22/2019		<0.001
9/17/2019		<0.001
3/13/2020		4.8E-05 (J)
9/21/2020		7.5E-05 (J)
3/18/2021		4E-05 (J)
8/11/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.001	
5/16/2016	<0.001	
7/25/2016	0.0003 (J)	
9/19/2016	0.0002 (J)	
11/3/2016	0.0002 (J)	
1/19/2017	0.0003 (J)	
3/28/2017	<0.001 (*)	
6/5/2017	0.0007 (J)	
9/26/2017	0.0004 (J)	
3/15/2018	0.00064 (J)	
9/12/2018	0.00037 (J)	
3/14/2019		0.00077 (J)
9/11/2019		0.00047 (J)
3/10/2020		0.00066 (J)
9/15/2020		0.00045 (J)
3/11/2021		0.00053 (J)
8/4/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.001 (D)	
5/16/2016	<0.001 (D)	
7/25/2016	0.0002 (JD)	
9/19/2016	0.0004 (JD)	
11/4/2016	0.0002 (JD)	
1/23/2017	0.0001 (JD)	
3/29/2017	0.0001 (JD)	
6/7/2017	0.0001 (J)	
9/27/2017	0.0003 (J)	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/14/2019		<0.001 (D)
9/11/2019		0.00016 (JD)
3/10/2020		0.00014 (J)
9/11/2020		0.00012 (J)
3/11/2021		0.00012 (J)
8/6/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.001 (D)	
5/16/2016	<0.001 (D)	
7/25/2016	0.0001 (JD)	
9/19/2016	<0.001 (D)	
11/3/2016	<0.001 (D)	
1/20/2017	<0.001 (D)	
3/29/2017	0.0001 (JD)	
6/7/2017	8E-05 (J)	
9/27/2017	9E-05 (J)	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/14/2019		<0.001 (D)
9/11/2019		<0.001 (D)
3/10/2020		<0.001
9/11/2020		<0.001
3/11/2021		4.5E-05 (J)
8/6/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.001	
5/18/2016	<0.001	
7/27/2016	9E-05 (J)	
9/20/2016	0.0003 (J)	
11/7/2016	<0.001	
1/23/2017	<0.001	
3/29/2017	<0.001	
6/8/2017	0.0001 (J)	
9/27/2017	<0.001	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/15/2019		<0.001
9/12/2019		<0.001
3/9/2020		5.8E-05 (J)
9/14/2020		<0.001
3/11/2021		4.8E-05 (J)
8/5/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.001	
5/18/2016	<0.001	
7/27/2016	9E-05 (J)	
9/20/2016	0.0001 (J)	
11/4/2016	<0.001	
1/20/2017	<0.001	
3/29/2017	<0.001	
6/8/2017	<0.001	
9/27/2017	<0.001	
3/16/2018	<0.001	
9/13/2018	<0.001	
3/19/2019		<0.001
9/11/2019		8.5E-05 (J)
3/9/2020		8E-05 (J)
9/15/2020		<0.001
3/11/2021		<0.001
8/5/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.001	
5/17/2016	<0.001	
7/27/2016	<0.001	
9/20/2016	0.0002 (J)	
11/4/2016	<0.001	
1/23/2017	<0.001	
3/28/2017	<0.001 (*)	
6/8/2017	<0.001	
9/29/2017	<0.001	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/15/2019		<0.001
9/11/2019		0.002529 (D)
3/9/2020		<0.001
9/14/2020		<0.001
3/11/2021		<0.001
8/4/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.001	
5/18/2016	<0.001	
7/28/2016	0.0002 (J)	
9/21/2016	<0.001 (*)	
11/7/2016	<0.001	
1/24/2017	0.0002 (J)	
3/30/2017	<0.001	
6/9/2017	<0.001	
9/29/2017	<0.001	
3/15/2018	<0.001	
9/14/2018	<0.001	
3/19/2019		<0.001
9/11/2019		8.2E-05 (J)
3/9/2020		0.00017 (J)
9/14/2020		7.8E-05 (J)
3/15/2021		4.6E-05 (J)
8/5/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.001	
10/25/2007	<0.001	
11/19/2007	<0.001	
1/23/2008	<0.001	
3/11/2008	<0.001	
5/12/2008	<0.001	
12/11/2008	<0.001	
4/15/2009	<0.001	
10/9/2009	<0.001	
5/4/2010	<0.001	
10/12/2010	<0.001	
4/28/2011	<0.001	
10/19/2011	<0.001	
5/2/2012	<0.001	
10/9/2012	<0.001	
4/11/2013	<0.001	
10/16/2013	<0.001	
4/23/2014	<0.001	
10/3/2014	<0.001	
3/31/2015	<0.001	
10/12/2015	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
8/1/2016	<0.001	
9/27/2016	<0.001	
11/11/2016	<0.001	
1/31/2017	<0.001	
4/3/2017	<0.001	
6/12/2017	<0.001	
10/3/2017	<0.001	
3/19/2018	<0.001	
9/17/2018	<0.001	
3/20/2019		<0.001
9/16/2019		<0.001
3/16/2020		5.1E-05 (J)
9/16/2020		<0.001
3/17/2021		<0.001
8/9/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.001	
10/25/2007	<0.001	
11/20/2007	<0.001	
1/23/2008	<0.001	
3/11/2008	<0.001	
5/14/2008	<0.001	
12/11/2008	<0.001	
4/23/2009	<0.001	
10/9/2009	<0.001	
5/4/2010	<0.001	
10/11/2010	<0.001	
4/26/2011	<0.001	
10/18/2011	<0.001	
5/2/2012	<0.001	
10/8/2012	<0.001	
4/10/2013	<0.001	
10/8/2013	<0.001	
4/14/2014	<0.001	
10/3/2014	<0.001	
4/1/2015	<0.001	
10/9/2015	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	0.0003 (J)	
11/18/2016	<0.001	
2/1/2017	<0.001	
4/6/2017	7E-05 (J)	
6/13/2017	<0.001	
10/3/2017	<0.001	
3/19/2018	<0.001	
9/17/2018	<0.001	
3/21/2019		<0.001
9/16/2019		0.0001 (J)
3/12/2020		0.0001 (J)
9/16/2020		0.00012 (J)
3/17/2021		7.4E-05 (J)
8/10/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.001	
6/18/2015	<0.001 (D)	
7/2/2015	<0.001	
10/9/2015	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	<0.001	
11/14/2016	<0.001	
2/1/2017	<0.001	
4/6/2017	7E-05 (J)	
6/13/2017	8E-05 (J)	
10/3/2017	<0.001	
3/20/2018	<0.001	
9/17/2018	<0.001	
3/21/2019		<0.001
9/16/2019		<0.001
3/12/2020		7E-05 (J)
9/16/2020		<0.001
3/17/2021		<0.001
8/10/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.001	
8/2/2016	0.0001 (J)	
9/27/2016	0.0001 (J)	
11/21/2016	0.0001 (J)	
2/1/2017	0.0001 (J)	
4/6/2017	0.0002 (J)	
6/13/2017	<0.001	
7/14/2017	<0.001	
10/3/2017	9E-05 (J)	
3/20/2018	<0.001	
9/18/2018	<0.001	
3/21/2019		<0.001
9/13/2019		<0.001
3/12/2020		8.2E-05 (J)
9/16/2020		0.00011 (J)
3/17/2021		4.9E-05 (J)
8/10/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.001	
4/30/2012	<0.001	
10/3/2012	<0.001	
4/8/2013	<0.001	
10/9/2013	<0.001	
4/10/2014	<0.001	
10/2/2014	<0.001	
4/3/2015	<0.001	
10/8/2015	<0.001	
3/30/2016	<0.001	
5/24/2016	<0.001	
8/2/2016	<0.001	
9/27/2016	<0.001	
11/22/2016	<0.001	
2/6/2017	<0.001	
4/6/2017	0.0001 (J)	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/27/2019		<0.001
9/16/2019		<0.001 (D)
3/12/2020		5.6E-05 (J)
9/17/2020		8E-05 (J)
3/17/2021		<0.001
8/10/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.001	
6/18/2015	<0.001 (D)	
7/2/2015	<0.001	
10/8/2015	<0.001	
3/22/2016	<0.001	
5/25/2016	<0.001	
8/2/2016	0.0002 (J)	
9/26/2016	0.0001 (J)	
11/21/2016	0.0001 (J)	
2/3/2017	0.0002 (J)	
4/7/2017	0.0002 (J)	
6/13/2017	0.0002 (J)	
10/3/2017	0.0002 (J)	
3/20/2018	0.00042 (J)	
9/18/2018	<0.001	
5/6/2019		0.00032 (J)
9/16/2019		5.4E-05 (J)
3/16/2020		0.00016 (J)
9/17/2020		6.5E-05 (J)
3/18/2021		0.00011 (J)
8/10/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/15/2008	<0.001	
3/6/2008	<0.001	
5/13/2008	<0.001	
12/12/2008	<0.001	
4/16/2009	<0.001	
10/13/2009	<0.001	
4/21/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/4/2012	0.0012	
10/8/2012	<0.001	
4/8/2013	<0.001	
10/9/2013	<0.001	
4/9/2014	<0.001	
9/30/2014	<0.001	
4/2/2015	<0.001	
10/10/2015	<0.001 (D)	
3/30/2016	<0.001	
5/26/2016	<0.001	
8/5/2016	0.0001 (J)	
9/28/2016	0.0002 (J)	
11/21/2016	0.0002 (J)	
2/6/2017	0.0001 (J)	
4/6/2017	0.0001 (J)	
6/13/2017	8E-05 (J)	
10/3/2017	<0.001	
3/20/2018	<0.001	
9/18/2018	<0.001 (D)	
3/21/2019		<0.001
9/16/2019		6.1E-05 (J)
3/12/2020		0.00016 (J)
9/17/2020		7.9E-05 (J)
3/18/2021		0.0001 (J)
8/10/2021		<0.001

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	0.0096	
11/18/2007	0.023	
1/30/2008	0.11 (O)	
3/10/2008	0.024	
5/13/2008	0.006	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0096	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.004	
10/13/2015	<0.005	
3/22/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0004 (J)	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019		<0.005
9/12/2019		0.00038 (J)
3/11/2020		0.00068 (J)
9/15/2020		<0.005
3/16/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.026 (O)	
11/18/2007	0.043 (O)	
1/31/2008	0.0075	
3/11/2008	0.019	
5/6/2008	0.004	
12/4/2008	0.02	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	0.0025	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	0.0028	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0018 (J)	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0006 (J)	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019		<0.005
9/12/2019		0.00518 (D)
3/11/2020		0.0014 (J)
9/15/2020		<0.005
3/17/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	0.0025	
11/18/2007	0.0093	
1/31/2008	0.054 (O)	
3/10/2008	0.0054	
5/13/2008	0.0043	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	<0.005	
4/3/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019		<0.005
9/13/2019		<0.005
3/11/2020		0.002 (J)
9/15/2020		0.0013 (J)
3/16/2021		<0.005
8/9/2021		0.00081 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0136 (D)	
7/27/2016	0.0224 (D)	
2/21/2017	0.0007 (J)	
3/27/2017	<0.005 (D)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019		0.0017 (J)
3/9/2020		0.00083 (J)
9/16/2020		<0.005
3/16/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.00544 (J)	
5/11/2016	0.0149	
7/19/2016	0.0044 (J)	
9/15/2016	0.0047 (J)	
11/2/2016	0.0025 (J)	
1/18/2017	0.004 (J)	
3/28/2017	0.0034 (J)	
9/26/2017	0.0016 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019		<0.005
9/9/2019		0.0014 (J)
3/9/2020	0.04 (o)	
9/10/2020		<0.005
3/12/2021		0.0015 (J)
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.028	
11/2/2007	0.041	
11/18/2007	0.14 (O)	
1/31/2008	0.053	
3/11/2008	0.076 (o)	
5/14/2008	0.074 (o)	
12/5/2008	0.032	
4/15/2009	0.028	
10/8/2009	0.032	
4/28/2010	0.029	
10/6/2010	0.031	
4/21/2011	0.019	
10/13/2011	0.028	
5/1/2012	0.0253	
10/9/2012	0.023	
4/11/2013	0.021	
10/16/2013	0.018	
4/23/2014	0.015	
10/4/2014	0.017	
3/31/2015	0.045	
10/12/2015	0.019	
3/23/2016	0.019	
7/29/2016	0.0161	
3/30/2017	0.018	
10/4/2017	0.0158	
3/19/2018	0.015	
9/17/2018	0.014	
3/20/2019		0.01
9/13/2019		0.012
3/11/2020		0.012
3/29/2021		<0.005
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	0.0006 (J)	
9/15/2016	0.0009 (J)	
11/3/2016	0.0011 (J)	
1/18/2017	0.0007 (J)	
3/24/2017	<0.005 (*)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/10/2019		0.0004 (JD)
3/6/2020		0.0089 (J)
9/10/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0009 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005 (*)	
9/25/2017	0.0012 (J)	
3/14/2018	0.0014 (J)	
9/12/2018	0.0011 (J)	
3/14/2019		0.001 (J)
9/10/2019		0.00084 (J)
3/9/2020		0.00036 (J)
9/10/2020		<0.005
3/10/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.01	
5/16/2016	0.00233 (J)	
7/22/2016	0.0014 (J)	
9/19/2016	0.0014 (J)	
11/3/2016	0.0013 (J)	
1/17/2017	0.0011 (J)	
3/27/2017	<0.01 (*)	
9/26/2017	0.0011 (J)	
3/14/2018	0.0012 (J)	
9/14/2018	0.0012 (J)	
3/14/2019		0.0015 (J)
9/10/2019		0.0012 (J)
3/6/2020		0.0015 (J)
9/10/2020		0.0011 (J)
3/11/2021		0.0011 (J)
8/4/2021		0.0011 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00288 (J)	
5/13/2016	<0.005	
7/19/2016	0.0006 (J)	
9/16/2016	0.0008 (J)	
11/2/2016	0.0007 (J)	
1/18/2017	0.0006 (J)	
3/28/2017	<0.005 (*)	
9/22/2017	0.0007 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/11/2019		0.00082 (J)
3/9/2020		0.00082 (J)
9/11/2020		0.00089 (J)
3/11/2021		<0.005
8/6/2021		0.00084 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	0.0006 (J)	
3/28/2017	<0.005 (*)	
9/22/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/11/2019		<0.005
3/9/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.005	
10/3/2017	<0.005 (D)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/21/2019		<0.005 (D)
9/12/2019		0.00032 (JD)
3/12/2020		0.00034 (J)
9/17/2020		<0.005
3/16/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.0035	
4/23/2009	0.0032	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	<0.005	
4/14/2011	0.0028	
10/5/2011	0.0028	
4/11/2012	<0.005	
10/2/2012	0.0026	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0025 (J)	
10/1/2014	<0.005	
3/30/2015	0.0015 (J)	
10/11/2015	0.0013 (J)	
3/28/2016	<0.005	
8/1/2016	<0.005	
4/7/2017	0.0011 (J)	
10/2/2017	0.0013 (J)	
3/16/2018	<0.005	
9/17/2018	0.00096 (J)	
3/19/2019		<0.005
9/13/2019		0.00063 (J)
3/11/2020		0.00084 (J)
9/16/2020		<0.005
3/17/2021		<0.005
8/9/2021		0.00077 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.0096	
4/23/2009	0.015	
10/6/2009	0.008	
5/3/2010	0.0053	
10/11/2010	0.0061	
4/27/2011	0.0087	
10/19/2011	0.0039	
5/1/2012	0.0054	
10/2/2012	0.0044	
4/10/2013	0.0053	
10/16/2013	0.0047	
4/22/2014	0.0045	
10/1/2014	0.0018 (J)	
3/30/2015	0.0037	
10/11/2015	0.0018 (J)	
3/28/2016	0.0028 (J)	
8/1/2016	<0.01	
4/3/2017	0.0022 (J)	
10/2/2017	0.0021 (J)	
3/16/2018	0.0014 (J)	
9/18/2018	0.0012 (J)	
3/19/2019		0.0016 (J)
9/12/2019		0.0015 (J)
3/11/2020		0.001 (J)
9/15/2020		0.0012 (J)
3/17/2021		0.0012 (J)
8/9/2021		0.00097 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.01	
11/1/2007	0.0042	
11/20/2007	0.026	
1/30/2008	0.032	
3/6/2008	0.019	
5/12/2008	0.0072	
12/13/2008	0.024	
4/29/2009	0.0026	
10/20/2009	<0.01	
4/26/2010	<0.01	
9/29/2010	0.0042	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/3/2012	0.004	
4/3/2013	0.0028	
10/15/2013	0.0036	
4/9/2014	0.0025 (J)	
10/2/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	<0.01	
3/31/2016	<0.01	
8/5/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	0.0016 (J)	
9/18/2018	<0.01	
3/22/2019		0.0022 (J)
9/17/2019		<0.01
3/12/2020		0.0015 (J)
9/17/2020		<0.01
3/18/2021		0.00094 (J)
8/10/2021		0.00081 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.005	
11/1/2007	0.006	
11/20/2007	<0.005	
1/30/2008	0.029 (O)	
3/6/2008	<0.005	
5/8/2008	0.0057	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	0.0006 (J)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/12/2020		0.00043 (J)
9/17/2020		<0.005
3/18/2021		0.0011 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.0087	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	0.0042	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.0025 (J)	
10/2/2014	0.0016 (J)	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		<0.005
3/12/2020		<0.005
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	0.0046	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0041	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		<0.005
3/12/2020		<0.005
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	0.0047	
1/16/2008	0.029	
3/5/2008	0.023	
5/13/2008	0.0032	
12/13/2008	<0.01	
4/16/2009	<0.01	
10/21/2009	<0.01	
4/27/2010	<0.01	
10/5/2010	<0.01	
4/19/2011	0.0025	
10/12/2011	<0.01	
4/24/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	0.003	
10/9/2013	<0.01	
4/1/2014	0.0025 (J)	
10/2/2014	<0.01	
4/1/2015	0.0014 (J)	
10/14/2015	0.0021 (J)	
4/4/2016	0.00264 (J)	
8/3/2016	<0.01	
4/11/2017	0.0027 (J)	
10/4/2017	0.0022 (J)	
3/22/2018	0.0025 (J)	
9/18/2018	0.0024 (J)	
3/23/2019		0.0026 (J)
9/17/2019		0.0033 (JD)
3/12/2020		0.0022 (J)
9/21/2020		0.0019 (J)
3/19/2021		0.0022 (J)
8/11/2021		0.0019 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0076	
11/1/2007	0.0043	
11/19/2007	0.0061	
1/31/2008	0.015	
3/5/2008	<0.005	
5/12/2008	0.0035	
12/13/2008	0.0079	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	0.0031	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	<0.005	
10/9/2017	<0.005	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019		<0.005
9/18/2019		0.00046 (J)
3/13/2020		<0.005
9/22/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	0.0033	
11/19/2007	0.0029	
1/31/2008	0.0039	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.022 (O)	
4/29/2009	0.0034	
10/21/2009	<0.005	
4/28/2010	0.0026	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019		<0.005
9/18/2019		<0.005
3/17/2020		0.00082 (J)
9/22/2020		<0.005
3/19/2021		<0.005
8/12/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	0.0029	
11/17/2007	0.0086	
1/15/2008	0.011	
3/5/2008	0.0072	
5/7/2008	0.0045	
12/2/2008	0.011	
4/16/2009	0.0061	
10/20/2009	0.01	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
8/9/2016	0.0021 (J)	
4/11/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	0.00096 (J)	
3/22/2019		<0.005
9/17/2019		0.0007 (X)
3/13/2020		0.00078 (J)
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.0089	
11/2/2007	0.0036	
11/17/2007	0.014 (O)	
1/15/2008	0.0096	
3/6/2008	0.0038	
5/7/2008	0.0056	
12/2/2008	0.003	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	0.004	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	<0.005	
10/6/2017	0.001 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019		0.0011 (J)
9/17/2019		0.00057 (J)
3/13/2020		0.00072 (J)
9/21/2020		0.0015 (J)
3/18/2021		0.00079 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	0.0088 (J)	
1/15/2008	0.019	
3/10/2008	0.017	
5/13/2008	0.0058	
12/2/2008	0.0043	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/13/2020		<0.005
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	0.0006 (J)	
9/19/2016	0.0008 (J)	
11/3/2016	0.0007 (J)	
1/19/2017	0.0009 (J)	
3/28/2017	<0.005 (*)	
9/26/2017	0.0007 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019		<0.005
9/11/2019		0.00058 (J)
3/10/2020		0.00086 (J)
9/15/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.01 (D)	
5/16/2016	0.00316 (JD)	
7/25/2016	0.0013 (JD)	
9/19/2016	0.0013 (JD)	
11/4/2016	0.0015 (JD)	
1/23/2017	0.0015 (JD)	
3/29/2017	0.0012 (JD)	
9/27/2017	0.0014 (J)	
3/15/2018	0.0011 (J)	
9/13/2018	0.001 (J)	
3/14/2019		0.001 (JD)
9/11/2019		0.0012 (JD)
3/10/2020		0.0012 (J)
9/11/2020		0.00099 (J)
3/11/2021		0.00092 (J)
8/6/2021		0.00098 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019		<0.005 (D)
9/11/2019		<0.005 (D)
3/10/2020		<0.005
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		0.00095 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	0.0013 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019		<0.005
9/11/2019		<0.005
3/10/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	<0.005	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	0.0004 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019		<0.005
9/12/2019		<0.005
3/9/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	0.0007 (J)	
9/20/2016	0.0007 (J)	
11/4/2016	0.0006 (J)	
1/20/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	<0.005	
3/16/2018	<0.005	
9/13/2018	<0.005	
3/19/2019		0.0042 (J)
9/11/2019		0.0014 (J)
3/9/2020		<0.005
9/15/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00235 (J)	
5/17/2016	0.00489 (J)	
7/27/2016	0.0036 (J)	
9/20/2016	0.0035 (J)	
11/4/2016	0.0035 (J)	
1/23/2017	<0.01	
3/28/2017	0.0033 (J)	
9/29/2017	0.0036 (J)	
3/15/2018	0.0033 (J)	
9/13/2018	0.0038 (J)	
3/15/2019		0.0033 (J)
9/11/2019		0.00405 (JD)
3/9/2020		0.0039 (J)
9/14/2020		0.0046 (J)
3/11/2021		0.0047 (J)
8/4/2021		0.0045 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/21/2016	<0.005	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019		<0.005
9/11/2019		<0.005
3/11/2020		0.0004 (J)
9/11/2020		<0.005
3/15/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.00778 (J)	
5/18/2016	<0.01	
7/28/2016	0.0024 (J)	
9/21/2016	0.0044 (J)	
11/7/2016	0.0035 (J)	
1/24/2017	0.005 (J)	
3/30/2017	0.0046 (J)	
9/29/2017	0.004 (J)	
3/15/2018	0.0028 (J)	
9/14/2018	0.0024 (J)	
3/19/2019		0.0047 (J)
9/11/2019		0.0012 (J)
3/9/2020		0.003 (J)
9/14/2020		0.0014 (J)
3/15/2021		0.0013 (J)
8/5/2021		0.0023 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0069	
10/25/2007	0.038	
11/19/2007	0.025	
1/23/2008	0.047	
3/11/2008	0.042	
5/12/2008	0.031	
12/11/2008	0.027	
4/15/2009	0.025	
10/9/2009	0.051	
5/4/2010	0.025	
10/12/2010	0.024	
4/28/2011	0.01	
10/19/2011	0.03	
5/2/2012	0.0429	
10/9/2012	0.033	
4/11/2013	0.02	
10/16/2013	0.028	
4/23/2014	0.024	
10/3/2014	0.032	
3/31/2015	0.012	
10/12/2015	0.012	
3/28/2016	0.0172	
8/1/2016	0.0113	
4/3/2017	0.0114	
10/3/2017	0.0098 (J)	
3/19/2018	0.0092 (J)	
9/17/2018	0.0085 (J)	
3/20/2019		0.008 (J)
9/16/2019		0.008 (J)
3/16/2020		0.015
9/16/2020		0.0075 (J)
3/17/2021		0.0077
8/9/2021		0.0089

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	0.0028	
11/20/2007	0.012	
1/23/2008	0.046 (O)	
3/11/2008	0.0091	
5/14/2008	0.022	
12/11/2008	0.005	
4/23/2009	0.0031	
10/9/2009	0.0053	
5/4/2010	<0.005	
10/11/2010	0.0042	
4/26/2011	0.0051	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	0.0025	
4/14/2014	0.0025 (J)	
10/3/2014	0.0021 (J)	
4/1/2015	0.0026	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	0.0005 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019		<0.005
9/16/2019		<0.005
3/12/2020		<0.005
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	0.0011 (J)	
4/6/2017	0.0011 (J)	
10/3/2017	0.0012 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019		0.00099 (J)
9/13/2019		0.00061 (J)
3/12/2020		0.00078 (J)
9/16/2020		<0.005
3/17/2021		<0.005
8/10/2021		0.0009 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.003	
3/30/2016	<0.005	
8/2/2016	<0.005	
4/6/2017	0.0003 (J)	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019		<0.005
9/16/2019		<0.005 (D)
3/12/2020		<0.005
9/17/2020		<0.005
3/17/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.002 (J)	
6/18/2015	0.0025 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	<0.005	
8/2/2016	<0.005	
4/7/2017	0.0007 (J)	
10/3/2017	0.0006 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019		<0.005
9/16/2019		<0.005
3/16/2020		0.0006 (J)
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.0046	
11/1/2007	0.0057	
11/19/2007	0.014 (J)	
1/15/2008	0.057 (O)	
3/6/2008	0.046 (O)	
5/13/2008	0.0069	
12/12/2008	0.0061	
4/16/2009	0.0067 (J)	
10/13/2009	0.0054	
4/21/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/8/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	0.0029	
4/9/2014	0.0025 (J)	
9/30/2014	<0.01	
4/2/2015	0.0016 (J)	
10/10/2015	0.00295 (D)	
3/30/2016	0.00116 (J)	
8/5/2016	<0.01	
4/6/2017	0.001 (J)	
10/3/2017	0.0007 (J)	
3/20/2018	0.00097 (J)	
9/18/2018	<0.01 (D)	
3/21/2019		0.001 (J)
9/16/2019		0.00062 (J)
3/12/2020		0.0011 (J)
9/17/2020		<0.01
3/18/2021		0.001 (J)
8/10/2021		0.001 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	0.00216 (J)	
7/29/2016	0.001 (J)	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	0.0016 (J)	
9/14/2018	<0.005	
3/20/2019		<0.005
9/12/2019		<0.005 (D)
3/11/2020		0.0021 (J)
9/15/2020		<0.005
3/17/2021		0.0045 (J)
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019		<0.005
9/13/2019		<0.005
3/11/2020		<0.005
9/15/2020		<0.005
3/16/2021		0.0021 (J)
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00236 (J)	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019		<0.005
9/11/2019		<0.005
3/9/2020		<0.005
9/11/2020		<0.005
3/11/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	<0.005	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	0.0055	
4/4/2016	0.00286 (J)	
5/31/2016	0.00303 (J)	
8/4/2016	0.005 (J)	
9/29/2016	0.0074 (J)	
11/28/2016	0.0073 (J)	
2/9/2017	0.0067 (J)	
4/12/2017	0.0048 (J)	
6/16/2017	0.007 (J)	
10/9/2017	0.0048 (J)	
3/21/2018	0.0021 (J)	
9/19/2018	0.0019 (J)	
3/23/2019		<0.005
9/18/2019		0.0018 (J)
3/13/2020		0.0019 (J)
9/22/2020		<0.005
3/18/2021		0.0021 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	<0.005	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
6/1/2016	<0.005	
2/22/2017	0.0014 (J)	
4/11/2017	0.0024 (J)	
6/16/2017	<0.005	
7/12/2017	0.0019 (J)	
7/28/2017	<0.005	
8/10/2017	0.0019 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019		<0.005
9/18/2019		<0.005
3/17/2020		<0.005
9/22/2020		<0.005
3/19/2021		<0.005
8/12/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/16/2009	<0.005	
10/20/2009	<0.005	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
6/1/2016	<0.005	
8/9/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
7/12/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	<0.005	
3/22/2019		<0.005
9/17/2019		<0.005
3/13/2020		0.0016 (J)
9/21/2020		<0.005
3/18/2021		0.0016 (J)
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	0.0016 (J)	
2/10/2017	<0.005	
4/12/2017	<0.005	
6/15/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019		<0.005
9/17/2019		<0.005
3/13/2020		<0.005
9/21/2020		<0.005
3/18/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.002 (J)	
5/16/2016	0.0021 (J)	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	0.0033 (J)	
6/5/2017	0.0068 (J)	
9/26/2017	0.0037 (J)	
3/15/2018	0.0031 (J)	
9/12/2018	<0.005	
3/14/2019		0.0042 (J)
9/11/2019		0.0021 (J)
3/10/2020		0.0063 (J)
9/15/2020		<0.005
3/11/2021		<0.005
8/4/2021		0.0036 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	0.0009 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
6/7/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019		<0.005
9/11/2019		<0.005
3/10/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/5/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.005	
5/17/2016	<0.005	
7/27/2016	0.0009 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/23/2017	<0.005	
3/28/2017	<0.005	
6/8/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019		<0.005
9/11/2019		<0.005 (D)
3/9/2020		<0.005
9/14/2020		<0.005
3/11/2021		<0.005
8/4/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.005	
10/25/2007	<0.005	
11/19/2007	<0.005	
1/23/2008	<0.005	
3/11/2008	<0.005	
5/12/2008	<0.005	
12/11/2008	<0.005	
4/15/2009	<0.005	
10/9/2009	0.015 (O)	
5/4/2010	<0.005	
10/12/2010	<0.005	
4/28/2011	<0.005	
10/19/2011	<0.005	
5/2/2012	<0.005	
10/9/2012	0.0054	
4/11/2013	0.0072	
10/16/2013	<0.005	
4/23/2014	0.0067	
10/3/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/27/2016	<0.005	
11/11/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019		<0.005
9/16/2019		<0.005
3/16/2020		<0.005
9/16/2020		<0.005
3/17/2021		0.0019 (J)
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/14/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/17/2018	<0.005	
3/21/2019		<0.005
9/16/2019		<0.005
3/12/2020		<0.005
9/16/2020		<0.005
3/17/2021		0.0038 (J)
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	<0.005	
5/25/2016	<0.005	
8/2/2016	<0.005	
9/26/2016	<0.005	
11/21/2016	<0.005	
2/3/2017	<0.005	
4/7/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019		<0.005
9/16/2019		<0.005
3/16/2020		<0.005
9/17/2020		<0.005
3/18/2021		0.0089
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/13/2008	<0.005	
12/12/2008	<0.005	
4/16/2009	<0.005	
10/13/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005 (D)	
3/30/2016	0.00202 (J)	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019		<0.005
9/16/2019		<0.005
3/12/2020		<0.005
9/17/2020		<0.005
3/18/2021		<0.005
8/10/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0012 (JD)	
2/21/2017	<0.005	
3/27/2017	<0.005 (D)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019		<0.005
3/9/2020		<0.005
9/16/2020		<0.005
3/16/2021		<0.005
8/6/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.005	
4/23/2009	<0.005	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	<0.005	
4/14/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/2/2012	<0.005	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0025 (J)	
10/1/2014	<0.005	
3/30/2015	<0.005	
10/11/2015	<0.005	
3/28/2016	<0.005	
8/1/2016	0.0004 (J)	
4/7/2017	0.0005 (J)	
10/2/2017	0.0006 (J)	
3/16/2018	<0.005	
9/17/2018	<0.005	
3/19/2019		<0.005
9/13/2019		0.00045 (J)
3/11/2020		0.00039 (J)
9/16/2020		0.00042 (J)
3/17/2021		0.00044 (J)
8/9/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.0025	
4/23/2009	<0.0025	
10/6/2009	0.0048	
5/3/2010	<0.0025	
10/11/2010	<0.0025	
4/27/2011	0.004	
10/19/2011	<0.0025	
5/1/2012	<0.0025	
10/2/2012	<0.0025	
4/10/2013	<0.0025	
10/16/2013	0.0034	
4/22/2014	0.0034	
10/1/2014	0.0012 (J)	
3/30/2015	0.003	
10/11/2015	0.0018 (J)	
3/28/2016	0.0022 (J)	
8/1/2016	0.0016 (J)	
4/3/2017	0.0022 (J)	
10/2/2017	0.0021 (J)	
3/16/2018	0.0023 (J)	
9/18/2018	0.0017 (J)	
3/19/2019		0.0017 (J)
9/12/2019		0.0028 (J)
3/11/2020		0.0013 (J)
9/15/2020		0.0012 (J)
3/17/2021		0.0026 (J)
8/9/2021		0.0015 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/16/2008	<0.005	
3/5/2008	0.0046	
5/13/2008	<0.005	
12/13/2008	<0.005	
4/16/2009	<0.005	
10/21/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/11/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019		<0.005
9/17/2019		<0.005 (D)
3/12/2020		<0.005
9/21/2020		<0.005
3/19/2021		<0.005
8/11/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	<0.005	
4/29/2009	0.0026	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019		<0.005
9/18/2019		<0.005
3/17/2020		<0.005
9/22/2020		<0.005
3/19/2021		<0.005
8/12/2021		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.01	
10/23/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/7/2009	0.0099	
5/3/2010	<0.01	
10/12/2010	<0.01	
4/27/2011	<0.01	
10/17/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/12/2013	<0.01	
10/16/2013	<0.01	
4/11/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	0.0067	
10/13/2015	<0.01	
3/22/2016	0.00214 (J)	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/17/2018	<0.01 (D)	
3/20/2019		<0.01
9/12/2019		<0.01
3/11/2020		<0.01
9/15/2020		<0.01
3/16/2021		<0.01
8/9/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	0.0051	
1/31/2008	<0.01	
3/11/2008	0.0032	
5/6/2008	<0.01	
12/4/2008	0.016 (O)	
4/21/2009	0.005	
10/7/2009	<0.01	
4/26/2010	<0.01	
10/4/2010	0.0025	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/11/2012	<0.01	
10/9/2012	<0.01	
4/15/2013	<0.01	
10/15/2013	<0.01	
4/22/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	0.0016 (J)	
10/13/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/2/2017	<0.01	
3/19/2018	<0.01	
9/14/2018	<0.01	
3/20/2019		<0.01
9/12/2019		<0.01 (D)
3/11/2020		<0.01
9/15/2020		<0.01
3/17/2021		<0.01
8/9/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	<0.01	
1/31/2008	0.0078	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/4/2008	<0.01	
4/21/2009	0.0036	
10/8/2009	<0.01	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/10/2014	0.005 (J)	
9/30/2014	<0.01	
3/30/2015	<0.01	
10/13/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
4/3/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/19/2019		<0.01
9/13/2019		0.001 (J)
3/11/2020		0.00084 (J)
9/15/2020		<0.01
3/16/2021		<0.01
8/9/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.01 (D)	
7/27/2016	0.002 (JD)	
2/21/2017	<0.01	
3/27/2017	<0.01 (D)	
9/29/2017	<0.01 (D)	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/14/2019		<0.01
3/9/2020		<0.01
9/16/2020		<0.01
3/16/2021		<0.01
8/6/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.01	
11/2/2007	<0.01	
11/18/2007	0.0046	
1/31/2008	<0.01	
3/11/2008	<0.01	
5/14/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/8/2009	<0.01	
4/28/2010	<0.01	
10/6/2010	<0.01	
4/21/2011	<0.01	
10/13/2011	<0.01	
5/1/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/23/2014	<0.01	
10/4/2014	<0.01	
3/31/2015	0.0023 (J)	
10/12/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/4/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019		<0.01
9/13/2019		<0.01
3/11/2020		<0.01
3/29/2021		<0.01
8/9/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00204 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
9/22/2017	<0.01	
3/14/2018	<0.01	
9/12/2018	<0.01	
3/13/2019		<0.01
9/11/2019		<0.01
3/9/2020		<0.01
9/11/2020		<0.01
3/11/2021		<0.01
8/6/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00202 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
9/22/2017	<0.01	
3/15/2018	<0.01	
9/12/2018	<0.01	
3/13/2019		<0.01
9/11/2019		<0.01
3/9/2020		0.00074 (J)
9/14/2020		<0.01
3/11/2021		<0.01
8/5/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.01	
10/3/2017	<0.01 (D)	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/21/2019		<0.01 (D)
9/12/2019		0.00084 (JD)
3/12/2020		<0.01
9/17/2020		<0.01
3/16/2021		<0.01
8/10/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.01	
4/23/2009	0.0065	
10/6/2009	0.0026	
5/3/2010	0.0028	
10/11/2010	0.0035	
4/27/2011	0.0047	
10/19/2011	<0.01	
5/1/2012	<0.01	
10/2/2012	<0.01	
4/10/2013	<0.01	
10/16/2013	<0.01	
4/22/2014	0.005 (J)	
10/1/2014	<0.01	
3/30/2015	0.0032 (J)	
10/11/2015	<0.01	
3/28/2016	<0.01	
8/1/2016	<0.01	
4/3/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/18/2018	<0.01	
3/19/2019		<0.01
9/12/2019		<0.01
3/11/2020		<0.01
9/15/2020		<0.01
3/17/2021		<0.01
8/9/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.01	
11/1/2007	<0.01	
11/20/2007	0.0034	
1/30/2008	0.005	
3/6/2008	0.0032	
5/12/2008	<0.01	
12/13/2008	0.0082	
4/29/2009	<0.01	
10/20/2009	<0.01	
4/26/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/15/2013	<0.01	
4/9/2014	<0.01	
10/2/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	<0.01	
3/31/2016	<0.01	
8/5/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01	
3/22/2019		<0.01
9/17/2019		<0.01
3/12/2020		<0.01
9/17/2020		<0.01
3/18/2021		<0.01
8/10/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.01	
11/1/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/5/2008	<0.01	
5/7/2008	0.0029	
12/14/2008	0.0026	
4/29/2009	<0.01	
10/22/2009	0.0026	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/9/2013	<0.01	
4/2/2014	<0.01	
10/2/2014	<0.01	
4/1/2015	<0.01	
10/11/2015	<0.01	
4/4/2016	<0.01	
8/3/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	<0.01	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/23/2019		<0.01
9/17/2019		<0.01
3/12/2020		<0.01
9/21/2020		<0.01
3/19/2021		<0.01
8/11/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.01	
11/1/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/6/2008	0.0047	
5/7/2008	0.003	
12/14/2008	0.0056	
4/29/2009	0.018 (O)	
10/22/2009	0.0079	
4/21/2010	0.0075	
9/29/2010	0.0065	
4/13/2011	0.004	
10/4/2011	0.0054	
4/4/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/9/2013	<0.01	
4/2/2014	0.005 (J)	
10/2/2014	<0.01	
4/1/2015	0.0067	
10/11/2015	0.0049 (J)	
4/4/2016	0.00251 (J)	
8/4/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	0.0015 (J)	
3/22/2018	<0.01	
9/18/2018	0.0022 (J)	
3/23/2019		<0.01
9/17/2019		<0.01
3/12/2020		<0.01
9/21/2020		<0.01
3/19/2021		<0.01
8/11/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	<0.01	
1/16/2008	0.0071	
3/5/2008	0.0031	
5/13/2008	<0.01	
12/13/2008	<0.01	
4/16/2009	0.0037	
10/21/2009	0.0047	
4/27/2010	0.0082	
10/5/2010	<0.01	
4/19/2011	0.0036	
10/12/2011	<0.01	
4/24/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/9/2013	<0.01	
4/1/2014	<0.01	
10/2/2014	<0.01	
4/1/2015	<0.01	
10/14/2015	0.0022 (J)	
4/4/2016	<0.01	
8/3/2016	<0.01	
4/11/2017	<0.01	
10/4/2017	<0.01	
3/22/2018	<0.01	
9/18/2018	<0.01	
3/23/2019		<0.01
9/17/2019		<0.01 (D)
3/12/2020		<0.01
9/21/2020		<0.01
3/19/2021		<0.01
8/11/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	0.0035	
1/31/2008	0.0039	
3/5/2008	<0.01	
5/12/2008	0.0064	
12/13/2008	0.02 (O)	
4/28/2009	0.0039	
10/21/2009	0.0037	
4/28/2010	<0.01	
10/5/2010	<0.01	
4/19/2011	0.0025	
10/18/2011	0.0037	
4/25/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/8/2013	<0.01	
4/1/2014	0.005 (J)	
10/1/2014	<0.01	
4/1/2015	0.0019 (J)	
10/15/2015	<0.01	
4/4/2016	0.00211 (J)	
8/4/2016	<0.01	
4/12/2017	0.0016 (J)	
10/9/2017	<0.01	
3/21/2018	<0.01	
9/19/2018	0.0022 (J)	
3/23/2019		<0.01
9/18/2019		<0.01
3/13/2020		0.002 (J)
9/22/2020		<0.01
3/18/2021		<0.01
8/11/2021		0.0021 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.01	
11/1/2007	0.0048	
11/19/2007	0.0054	
1/31/2008	0.003	
3/5/2008	<0.01	
5/7/2008	0.0041	
12/12/2008	0.023 (O)	
4/29/2009	0.006	
10/21/2009	0.022 (O)	
4/28/2010	0.011	
10/6/2010	0.0064	
4/20/2011	0.0046	
10/12/2011	<0.01	
4/25/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/8/2013	<0.01	
4/1/2014	0.005 (J)	
10/1/2014	<0.01	
3/31/2015	<0.01	
10/14/2015	<0.01	
4/4/2016	<0.01	
4/11/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/20/2018	<0.01	
3/22/2019		<0.01
9/18/2019		<0.01
3/17/2020		<0.01
9/22/2020		<0.01
3/19/2021		<0.01
8/12/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.012	
11/2/2007	<0.01	
11/17/2007	0.0043	
1/15/2008	0.0037	
3/5/2008	0.0049	
5/7/2008	<0.01	
12/2/2008	0.0097	
4/16/2009	0.0061	
10/20/2009	0.0092	
4/20/2010	<0.01	
9/29/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
10/10/2012	<0.01	
4/15/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	0.005 (J)	
9/30/2014	<0.01	
4/3/2015	0.001 (J)	
10/7/2015	<0.01	
4/5/2016	<0.01	
8/9/2016	<0.01	
4/11/2017	<0.01	
10/5/2017	<0.01	
3/22/2018	<0.01	
9/19/2018	<0.01	
3/22/2019		<0.01
9/17/2019		<0.01
3/13/2020		<0.01
9/21/2020		<0.01
3/18/2021		<0.01
8/11/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.01	
11/2/2007	<0.01	
11/17/2007	<0.01	
1/15/2008	<0.01	
3/6/2008	<0.01	
5/7/2008	<0.01	
12/2/2008	<0.01	
4/28/2009	<0.01	
10/19/2009	<0.01	
4/27/2010	<0.01	
10/4/2010	<0.01	
4/18/2011	<0.01	
10/12/2011	<0.01	
4/23/2012	<0.01	
10/10/2012	<0.01	
4/15/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	<0.01	
9/30/2014	<0.01	
4/3/2015	<0.01	
10/7/2015	<0.01	
4/5/2016	<0.01	
8/4/2016	<0.01	
4/12/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/19/2018	<0.01	
3/25/2019		<0.01
9/17/2019		<0.01
3/13/2020		0.00077 (J)
9/21/2020		<0.01
3/18/2021		<0.01
8/11/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.0027	
11/2/2007	0.012	
11/18/2007	0.016 (J)	
1/15/2008	0.018	
3/10/2008	0.014	
5/13/2008	0.013	
12/2/2008	0.016	
4/28/2009	0.016	
10/20/2009	0.021	
4/27/2010	0.012	
10/5/2010	0.011	
4/19/2011	0.012	
10/12/2011	0.0031	
4/25/2012	<0.01	
10/10/2012	<0.01	
4/16/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	0.005 (J)	
9/30/2014	<0.01	
4/3/2015	0.0016 (J)	
10/6/2015	0.002 (J)	
4/5/2016	0.00036 (J)	
4/11/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/19/2018	<0.01	
3/22/2019		<0.01
9/17/2019		<0.01
3/13/2020		0.00095 (J)
9/21/2020		<0.01
3/18/2021		<0.01
8/11/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.01 (D)	
5/16/2016	<0.01 (D)	
7/25/2016	0.0022 (JD)	
9/19/2016	<0.01 (D)	
11/4/2016	<0.01 (D)	
1/23/2017	<0.01 (D)	
3/29/2017	<0.01 (D)	
9/27/2017	<0.01	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/14/2019		<0.01 (D)
9/11/2019		<0.01 (D)
3/10/2020		<0.01
9/11/2020		<0.01
3/11/2021		<0.01
8/6/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.01	
5/18/2016	<0.01	
7/27/2016	<0.01	
9/20/2016	<0.01	
11/4/2016	<0.01	
1/20/2017	<0.01	
3/29/2017	<0.01	
9/27/2017	<0.01	
3/16/2018	<0.01	
9/13/2018	<0.01	
3/19/2019		<0.01
9/11/2019		<0.01
3/9/2020		0.00075 (J)
9/15/2020		<0.01
3/11/2021		<0.01
8/5/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0032	
10/25/2007	<0.01	
11/19/2007	<0.01	
1/23/2008	<0.01	
3/11/2008	<0.01	
5/12/2008	<0.01	
12/11/2008	<0.01	
4/15/2009	<0.01	
10/9/2009	<0.01	
5/4/2010	<0.01	
10/12/2010	<0.01	
4/28/2011	<0.01	
10/19/2011	<0.01	
5/2/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/23/2014	<0.01	
10/3/2014	0.00097 (J)	
3/31/2015	0.00096 (J)	
10/12/2015	<0.01	
3/28/2016	<0.01	
8/1/2016	<0.01	
4/3/2017	<0.01	
10/3/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019		<0.01
9/16/2019		<0.01
3/16/2020		<0.01
9/16/2020		<0.01
3/17/2021		<0.01
8/9/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.01	
10/25/2007	<0.01	
11/20/2007	<0.01	
1/23/2008	0.007	
3/11/2008	0.0033	
5/14/2008	0.0043	
12/11/2008	<0.01	
4/23/2009	<0.01	
10/9/2009	0.0043	
5/4/2010	0.0027	
10/11/2010	0.0034	
4/26/2011	<0.01	
10/18/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/10/2013	<0.01	
10/8/2013	<0.01	
4/14/2014	0.005 (J)	
10/3/2014	0.0016 (J)	
4/1/2015	0.0021 (J)	
10/9/2015	<0.01	
3/29/2016	<0.01	
8/1/2016	<0.01	
4/6/2017	<0.01	
10/3/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/21/2019		<0.01
9/16/2019		<0.01
3/12/2020		<0.01
9/16/2020		<0.01
3/17/2021		<0.01
8/10/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.01	
4/30/2012	<0.01	
10/3/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	<0.01	
4/10/2014	0.005 (J)	
10/2/2014	<0.01	
4/3/2015	<0.01	
10/8/2015	0.0056	
3/30/2016	<0.01	
8/2/2016	<0.01	
4/6/2017	<0.01	
10/4/2017	<0.01	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/27/2019		<0.01
9/16/2019		<0.01 (D)
3/12/2020		<0.01
9/17/2020		<0.01
3/17/2021		<0.01
8/10/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.01	
6/18/2015	0.005 (D)	
7/2/2015	<0.01	
10/8/2015	<0.01	
3/22/2016	<0.01	
8/2/2016	<0.01	
4/7/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01	
5/6/2019		<0.01
9/16/2019		<0.01
3/16/2020		<0.01
9/17/2020		<0.01
3/18/2021		<0.01
8/10/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	0.0052	
1/15/2008	0.0065	
3/6/2008	0.0028	
5/13/2008	<0.01	
12/12/2008	<0.01	
4/16/2009	0.0033	
10/13/2009	<0.01	
4/21/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/8/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	<0.01	
4/9/2014	<0.01	
9/30/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	0.0032 (D)	
3/30/2016	<0.01	
8/5/2016	<0.01	
4/6/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01 (D)	
3/21/2019		<0.01
9/16/2019		<0.01
3/12/2020		<0.01
9/17/2020		<0.01
3/18/2021		<0.01
8/10/2021		<0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.032 (O)	
10/23/2007	0.0099	
11/18/2007	0.0095 (J)	
1/30/2008	0.022 (O)	
3/10/2008	0.014	
5/13/2008	0.0075	
12/5/2008	0.0056 (J)	
4/15/2009	0.0033	
10/7/2009	0.061 (O)	
5/3/2010	0.0033	
10/12/2010	0.0041	
4/27/2011	<0.02	
10/17/2011	0.0046	
5/2/2012	<0.02	
10/8/2012	0.0053	
4/12/2013	0.006	
10/16/2013	0.0048	
4/11/2014	0.0033	
9/30/2014	0.002 (J)	
3/30/2015	0.012	
10/13/2015	0.011	
3/22/2016	0.00346 (J)	
7/29/2016	<0.02	
3/30/2017	<0.02	
10/2/2017	<0.02	
3/16/2018	<0.02	
9/17/2018	<0.02 (D)	
3/20/2019		<0.02
9/12/2019		0.0047 (J)
3/11/2020		0.0035 (J)
9/15/2020		<0.02
3/16/2021		0.0091 (J)
8/9/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0033	
10/24/2007	0.043 (O)	
11/18/2007	0.024	
1/31/2008	0.015	
3/11/2008	0.027	
5/6/2008	0.0032	
12/4/2008	0.081 (O)	
4/21/2009	0.0057	
10/7/2009	<0.02	
4/26/2010	<0.02	
10/4/2010	0.0057	
4/13/2011	<0.02	
10/5/2011	<0.02	
4/11/2012	<0.02	
10/9/2012	<0.02	
4/15/2013	0.0038	
10/15/2013	0.0044	
4/22/2014	0.0025 (J)	
9/30/2014	0.00076 (J)	
3/30/2015	0.0024 (J)	
10/13/2015	0.0017 (J)	
3/23/2016	<0.02	
7/29/2016	<0.02	
3/30/2017	<0.02	
10/2/2017	<0.02	
3/19/2018	<0.02	
9/14/2018	<0.02	
3/20/2019		<0.02
9/12/2019		0.00505 (JD)
3/11/2020		0.0028 (J)
9/15/2020		<0.02
3/17/2021		<0.02
8/9/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0079	
10/24/2007	<0.02	
11/18/2007	0.015	
1/31/2008	0.063 (O)	
3/10/2008	0.013 (J)	
5/13/2008	0.0072	
12/4/2008	0.011 (J)	
4/21/2009	0.0041	
10/8/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.0081	
4/12/2011	0.0025	
10/4/2011	0.0027	
4/3/2012	<0.02	
10/9/2012	0.0064	
4/11/2013	<0.02	
10/16/2013	<0.02	
4/10/2014	0.0026	
9/30/2014	0.0012 (J)	
3/30/2015	0.013	
10/13/2015	0.0043	
3/23/2016	<0.02	
7/29/2016	<0.02	
4/3/2017	<0.02	
10/2/2017	<0.02	
3/16/2018	<0.02	
9/14/2018	<0.02	
3/19/2019		<0.02
9/13/2019		0.0078 (J)
3/11/2020		0.0038 (J)
9/15/2020		<0.02
3/16/2021		<0.02
8/9/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.02 (D)	
7/27/2016	<0.02 (*)	
2/21/2017	0.0049 (J)	
3/27/2017	<0.02 (*)	
9/29/2017	0.0012 (JD)	
3/16/2018	0.0042 (J)	
9/14/2018	<0.02	
3/14/2019		0.0035 (J)
3/9/2020		0.009 (J)
9/16/2020		<0.02
3/16/2021		<0.02
8/6/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.02	
5/11/2016	0.00467 (J)	
7/19/2016	<0.02 (*)	
9/15/2016	0.0044 (J)	
11/2/2016	0.0043 (J)	
1/18/2017	<0.02 (*)	
3/28/2017	<0.02 (*)	
9/26/2017	0.0029 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/15/2019		0.0023 (J)
9/9/2019		0.0047 (J)
3/9/2020		0.0035 (J)
9/10/2020		<0.02
3/12/2021		0.0065 (J)
8/4/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.066	
11/2/2007	0.055	
11/18/2007	0.13	
1/31/2008	0.13	
3/11/2008	0.07	
5/14/2008	0.12	
12/5/2008	0.088	
4/15/2009	0.068	
10/8/2009	0.075	
4/28/2010	0.071	
10/6/2010	0.074	
4/21/2011	0.047	
10/13/2011	0.073	
5/1/2012	0.0652	
10/9/2012	0.061	
4/11/2013	0.053	
10/16/2013	0.047	
4/23/2014	0.041	
10/4/2014	0.044 (V)	
3/31/2015	0.12	
10/12/2015	0.053	
3/23/2016	0.0532	
7/29/2016	0.0446	
3/30/2017	0.0479	
10/4/2017	0.0429	
3/19/2018	<0.02	
9/17/2018	0.04	
3/20/2019		0.028
9/13/2019		0.036
3/11/2020		0.031
3/29/2021		<0.02
8/9/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.02	
5/11/2016	<0.02	
7/21/2016	<0.02 (*)	
9/15/2016	<0.02	
11/3/2016	<0.02	
1/17/2017	<0.02	
3/24/2017	<0.02 (*)	
9/26/2017	0.0019 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/13/2019		<0.02
9/9/2019		0.0058 (J)
3/9/2020		0.002 (J)
9/11/2020		<0.02
3/10/2021		<0.02
8/4/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.02	
5/12/2016	<0.02	
7/20/2016	<0.02	
9/15/2016	0.0027 (J)	
11/3/2016	<0.02	
1/18/2017	<0.02 (*)	
3/24/2017	<0.02 (*)	
9/25/2017	<0.02	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/14/2019		<0.02
9/10/2019		0.00745 (JD)
3/6/2020		0.0027 (J)
9/10/2020		<0.02
3/11/2021		<0.02
8/4/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.00286 (J)	
5/13/2016	<0.02	
7/21/2016	<0.02 (*)	
9/21/2016	<0.02	
11/3/2016	<0.02	
1/17/2017	<0.02	
3/27/2017	<0.02 (*)	
9/25/2017	0.0023 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/14/2019		0.0021 (J)
9/10/2019		0.0075 (J)
3/9/2020		0.0024 (J)
9/10/2020		<0.02
3/10/2021		<0.02
8/4/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.00862 (J)	
5/16/2016	0.00744 (J)	
7/22/2016	<0.02 (*)	
9/19/2016	0.0162	
11/3/2016	0.011	
1/17/2017	0.0104	
3/27/2017	<0.02 (*)	
9/26/2017	0.0094 (J)	
3/14/2018	<0.02	
9/14/2018	<0.02	
3/14/2019		0.01
9/10/2019		0.014
3/6/2020		0.012
9/10/2020		0.0073 (J)
3/11/2021		0.0089 (J)
8/4/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0093 (J)	
5/13/2016	0.00336 (J)	
7/19/2016	<0.02 (*)	
9/16/2016	0.0023 (J)	
11/2/2016	0.0047 (J)	
1/18/2017	<0.02	
3/28/2017	<0.02 (*)	
9/22/2017	0.0013 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/13/2019		0.0022 (J)
9/11/2019		0.0065 (J)
3/9/2020		0.002 (J)
9/11/2020		<0.02
3/11/2021		<0.02
8/6/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00722 (J)	
5/13/2016	0.00666 (J)	
7/19/2016	<0.02 (*)	
9/16/2016	<0.02	
11/2/2016	0.0057 (J)	
1/18/2017	0.0022 (J)	
3/28/2017	<0.02	
9/22/2017	0.0014 (J)	
3/15/2018	<0.02	
9/12/2018	<0.02	
3/13/2019		0.0023 (J)
9/11/2019		0.0053 (J)
3/9/2020		0.0022 (J)
9/14/2020		<0.02
3/11/2021		<0.02
8/5/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.02	
10/3/2017	<0.02 (D)	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/21/2019		0.0034 (JD)
9/12/2019		0.0072 (JD)
3/12/2020		0.0027 (J)
9/17/2020		0.0047 (J)
3/16/2021		<0.02
8/10/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.048 (O)	
4/23/2009	0.0075	
10/6/2009	0.0075	
4/27/2010	0.0051	
9/30/2010	0.0089	
4/14/2011	0.0043	
10/5/2011	0.0051	
4/11/2012	<0.02	
10/2/2012	0.006	
4/9/2013	0.0034	
10/15/2013	0.0042	
4/10/2014	0.0035	
10/1/2014	0.0019 (J)	
3/30/2015	0.0032	
10/11/2015	0.0048	
3/28/2016	0.00282 (J)	
8/1/2016	<0.02	
4/7/2017	<0.02	
10/2/2017	0.0015 (J)	
3/16/2018	<0.02	
9/17/2018	<0.02	
3/19/2019		<0.02
9/13/2019		0.0061 (J)
3/11/2020		0.0025 (J)
9/16/2020		<0.02
3/17/2021		<0.02
8/9/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.013 (J)	
4/23/2009	0.075 (O)	
10/6/2009	0.056 (O)	
5/3/2010	0.051 (O)	
10/11/2010	0.016	
4/27/2011	0.025 (O)	
10/19/2011	0.0078	
5/1/2012	0.0134	
10/2/2012	0.012	
4/10/2013	0.018	
10/16/2013	0.015	
4/22/2014	0.015	
10/1/2014	0.0038	
3/30/2015	0.0097	
10/11/2015	0.0024 (J)	
3/28/2016	0.00703 (J)	
8/1/2016	<0.02	
4/3/2017	<0.02	
10/2/2017	0.0016 (J)	
3/16/2018	<0.02	
9/18/2018	<0.02	
3/19/2019		<0.02
9/12/2019		0.0058 (J)
3/11/2020		0.0033 (J)
9/15/2020		<0.02
3/17/2021		<0.02
8/9/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.031	
11/1/2007	0.0041	
11/20/2007	0.056	
1/30/2008	0.032	
3/6/2008	0.03	
5/12/2008	0.008	
12/13/2008	0.056	
4/29/2009	0.057	
10/20/2009	0.0037	
4/26/2010	<0.02	
9/29/2010	0.012	
4/13/2011	<0.02	
10/5/2011	0.0031	
4/4/2012	<0.02	
10/3/2012	0.0085	
4/3/2013	0.0061	
10/15/2013	0.008	
4/9/2014	0.0048	
10/2/2014	0.0023 (JV)	
4/2/2015	0.0023 (J)	
10/10/2015	0.0024 (J)	
3/31/2016	<0.02	
8/5/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0012 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02	
3/22/2019		<0.02
9/17/2019		0.0052 (J)
3/12/2020		0.0024 (J)
9/17/2020		<0.02
3/18/2021		<0.02
8/10/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.0066	
11/1/2007	0.0086	
11/20/2007	0.005	
1/30/2008	0.0084	
3/6/2008	0.0073	
5/8/2008	0.0084	
12/14/2008	0.0075 (J)	
4/29/2009	0.0028	
10/21/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.005	
4/12/2011	<0.02	
10/4/2011	0.0088	
4/3/2012	<0.02	
10/8/2012	0.0034	
4/3/2013	<0.02	
10/15/2013	0.0027	
4/9/2014	0.0025 (J)	
10/2/2014	0.0027 (V)	
4/2/2015	0.002 (J)	
10/12/2015	<0.02	
3/31/2016	0.00266 (J)	
8/3/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	<0.02	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/22/2019		<0.02
9/17/2019		0.0048 (J)
3/12/2020		0.0027 (J)
9/17/2020		<0.02
3/18/2021		<0.02
8/11/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.02	
11/1/2007	<0.02	
11/18/2007	<0.02	
1/30/2008	<0.02	
3/5/2008	<0.02	
5/7/2008	0.015	
12/14/2008	0.0086 (J)	
4/29/2009	0.0037	
10/22/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.0042	
4/12/2011	<0.02	
10/4/2011	0.012	
4/3/2012	<0.02	
10/3/2012	<0.02	
4/3/2013	<0.02	
10/9/2013	<0.02	
4/2/2014	0.0063	
10/2/2014	0.0023 (J)	
4/1/2015	0.0017 (J)	
10/11/2015	0.0016 (J)	
4/4/2016	<0.02	
8/3/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0014 (J)	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/23/2019		<0.02
9/17/2019		0.0056 (J)
3/12/2020		0.0038 (J)
9/21/2020		<0.02
3/19/2021		<0.02
8/11/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.02	
11/1/2007	<0.02	
11/18/2007	<0.02	
1/30/2008	<0.02	
3/6/2008	0.0038	
5/7/2008	<0.02	
12/14/2008	0.0031 (J)	
4/29/2009	0.0031	
10/22/2009	0.0029	
4/21/2010	0.0027	
9/29/2010	<0.02	
4/13/2011	<0.02	
10/4/2011	0.003	
4/4/2012	<0.02	
10/3/2012	0.0029	
4/3/2013	0.0035	
10/9/2013	<0.02	
4/2/2014	0.0033	
10/2/2014	0.0027	
4/1/2015	0.013	
10/11/2015	0.017	
4/4/2016	0.00419 (J)	
8/4/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0014 (J)	
3/22/2018	<0.02	
9/18/2018	<0.02	
3/23/2019		<0.02
9/17/2019		0.0075 (J)
3/12/2020		0.0053 (J)
9/21/2020		0.0037 (J)
3/19/2021		<0.02
8/11/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.036	
11/1/2007	0.0041	
11/19/2007	0.015	
1/16/2008	0.074	
3/5/2008	0.055	
5/13/2008	0.035	
12/13/2008	0.012 (J)	
4/16/2009	0.053	
10/21/2009	0.0063	
4/27/2010	0.045	
10/5/2010	0.0047	
4/19/2011	0.0068	
10/12/2011	0.0048	
4/24/2012	<0.0104	
10/2/2012	<0.0104	
4/2/2013	0.0081	
10/9/2013	0.0032	
4/1/2014	0.0025 (J)	
10/2/2014	0.0023 (J)	
4/1/2015	0.0035	
10/14/2015	0.0066	
4/4/2016	0.00858 (J)	
8/3/2016	<0.0104	
4/11/2017	<0.0104	
10/4/2017	0.0104	
3/22/2018	0.014	
9/18/2018	0.013	
3/23/2019		0.012
9/17/2019		0.018 (D)
3/12/2020		0.015
9/21/2020		0.0065 (J)
3/19/2021		0.0076 (J)
8/11/2021		0.011 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0064	
11/1/2007	<0.02	
11/19/2007	0.015	
1/31/2008	0.032 (O)	
3/5/2008	0.0061	
5/12/2008	0.012	
12/13/2008	0.087 (O)	
4/28/2009	0.067 (O)	
10/21/2009	0.025 (O)	
4/28/2010	0.014	
10/5/2010	0.012	
4/19/2011	0.012	
10/18/2011	0.025	
4/25/2012	0.014	
10/2/2012	0.0089	
4/2/2013	0.0082	
10/8/2013	0.015	
4/1/2014	0.0074	
10/1/2014	0.00077 (J)	
4/1/2015	0.0082	
10/15/2015	0.0082	
4/4/2016	0.00818 (J)	
8/4/2016	<0.02	
4/12/2017	<0.02	
10/9/2017	<0.02	
3/21/2018	<0.02	
9/19/2018	<0.02	
3/23/2019		0.021
9/18/2019		0.007 (J)
3/13/2020		0.0043 (J)
9/22/2020		<0.02
3/18/2021		<0.02
8/11/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.02	
11/1/2007	0.0038	
11/19/2007	0.0055	
1/31/2008	0.0063	
3/5/2008	0.0037	
5/7/2008	0.0033	
12/12/2008	0.097 (O)	
4/29/2009	0.068 (O)	
10/21/2009	0.011	
4/28/2010	0.048 (O)	
10/6/2010	0.003	
4/20/2011	0.0038	
10/12/2011	0.0027	
4/25/2012	<0.02	
10/2/2012	0.0059	
4/2/2013	0.008	
10/8/2013	0.0062	
4/1/2014	0.0067	
10/1/2014	0.0024 (J)	
3/31/2015	0.0046	
10/14/2015	0.002 (J)	
4/4/2016	<0.02	
4/11/2017	<0.02	
10/6/2017	<0.02	
3/23/2018	<0.02	
9/20/2018	<0.02	
3/22/2019		0.0048 (J)
9/18/2019		0.0091 (X)
3/17/2020		0.0057 (J)
9/22/2020		<0.02
3/19/2021		<0.02
8/12/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0036 (J)	
11/2/2007	0.0026 (J)	
11/17/2007	0.024 (O)	
1/15/2008	0.0074	
3/5/2008	0.075 (O)	
5/7/2008	0.0088	
12/2/2008	0.11 (O)	
4/16/2009	0.091 (O)	
10/20/2009	0.056 (O)	
4/20/2010	0.014	
9/29/2010	0.015	
4/12/2011	0.0028	
10/4/2011	0.0025	
4/4/2012	0.0105	
10/10/2012	0.0033	
4/15/2013	0.0031	
10/22/2013	<0.02	
4/21/2014	0.0032	
9/30/2014	0.0015 (J)	
4/3/2015	0.0015 (J)	
10/7/2015	<0.02	
4/5/2016	<0.02	
8/9/2016	0.0016 (J)	
4/11/2017	<0.02	
10/5/2017	0.0024 (J)	
3/22/2018	<0.02	
9/19/2018	<0.02	
3/22/2019		<0.02
9/17/2019		0.0057 (X)
3/13/2020		0.0028 (J)
9/21/2020		<0.02
3/18/2021		<0.02
8/11/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.0038	
11/2/2007	0.0025	
11/17/2007	0.023 (O)	
1/15/2008	0.012	
3/6/2008	0.0069	
5/7/2008	0.007	
12/2/2008	0.021 (O)	
4/28/2009	0.0055	
10/19/2009	0.0051	
4/27/2010	0.0068	
10/4/2010	0.0074	
4/18/2011	0.0031	
10/12/2011	0.0067	
4/23/2012	<0.02	
10/10/2012	0.0046	
4/15/2013	0.006	
10/22/2013	0.0037	
4/21/2014	0.0073	
9/30/2014	0.0027	
4/3/2015	0.0017 (J)	
10/7/2015	0.0042	
4/5/2016	0.000194 (J)	
8/4/2016	<0.02	
4/12/2017	<0.02	
10/6/2017	0.0024 (J)	
3/23/2018	<0.02	
9/19/2018	<0.02	
3/25/2019		0.0039 (J)
9/17/2019		0.0066 (J)
3/13/2020		0.0057 (J)
9/21/2020		0.0036 (J)
3/18/2021		<0.02
8/11/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.052 (O)	
11/2/2007	0.01 (J)	
11/18/2007	0.025 (J)	
1/15/2008	0.055 (O)	
3/10/2008	0.018	
5/13/2008	0.0044	
12/2/2008	0.065 (O)	
4/28/2009	0.0037 (J)	
10/20/2009	0.0043	
4/27/2010	<0.02	
10/5/2010	0.0028	
4/19/2011	<0.02	
10/12/2011	<0.02	
4/25/2012	<0.02	
10/10/2012	<0.02	
4/16/2013	0.005	
10/22/2013	0.0028	
4/21/2014	0.0028	
9/30/2014	0.0018 (J)	
4/3/2015	0.0021 (J)	
10/6/2015	<0.02	
4/5/2016	0.00233 (J)	
4/11/2017	<0.02	
10/6/2017	<0.02	
3/23/2018	<0.02	
9/19/2018	<0.02	
3/22/2019		<0.02
9/17/2019		0.0048 (X)
3/13/2020		0.0026 (J)
9/21/2020		<0.02
3/18/2021		<0.02
8/11/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00622 (J)	
5/16/2016	0.00345 (J)	
7/25/2016	<0.02 (*)	
9/19/2016	0.004 (J)	
11/3/2016	0.0047 (J)	
1/19/2017	0.0035 (J)	
3/28/2017	<0.02 (*)	
9/26/2017	0.0039 (J)	
3/15/2018	<0.02	
9/12/2018	<0.02	
3/14/2019		0.0039 (J)
9/11/2019		0.0068 (J)
3/10/2020		0.0049 (J)
9/15/2020		0.0062 (J)
3/11/2021		0.004 (J)
8/4/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.004215 (JD)	
5/16/2016	<0.02 (D)	
7/25/2016	0.006 (D)	
9/19/2016	0.0061 (JD)	
11/4/2016	0.0032 (JD)	
1/23/2017	0.0031 (JD)	
3/29/2017	0.00615 (D)	
9/27/2017	0.0048 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/14/2019		<0.02 (D)
9/11/2019		0.0065 (JD)
3/10/2020		0.0031 (J)
9/11/2020		<0.02
3/11/2021		<0.02
8/6/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.0035415 (JD)	
5/16/2016	0.00452 (JD)	
7/25/2016	0.0065 (D)	
9/19/2016	0.0034 (JD)	
11/3/2016	0.0039 (JD)	
1/20/2017	0.0023 (JD)	
3/29/2017	0.00705 (D)	
9/27/2017	0.0036 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/14/2019		0.0022 (JD)
9/11/2019		0.0058 (JD)
3/10/2020		0.0035 (J)
9/11/2020		<0.02
3/11/2021		<0.02
8/6/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.00373 (J)	
5/17/2016	0.00268 (J)	
7/26/2016	<0.02 (*)	
9/20/2016	0.0058 (J)	
11/4/2016	0.0029 (J)	
1/20/2017	<0.02	
3/28/2017	<0.02 (*)	
9/29/2017	0.0016 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/18/2019		<0.02
9/11/2019		0.0055 (J)
3/10/2020		0.0029 (J)
9/14/2020		<0.02
3/11/2021		<0.02
8/5/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.027	
5/18/2016	0.0277	
7/27/2016	0.0221	
9/20/2016	0.03	
11/7/2016	0.0202	
1/23/2017	0.0156	
3/29/2017	<0.036 (*)	
9/27/2017	0.0196	
12/28/2017	0.0315 (Y)	
3/15/2018	<0.036	
9/13/2018	0.031	
3/15/2019		0.051
9/12/2019		0.035
3/9/2020		0.044
9/14/2020		0.032
3/11/2021		0.047
8/5/2021		0.037

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0154	
5/18/2016	0.0136	
7/27/2016	0.0153	
9/20/2016	0.0173	
11/4/2016	0.0149	
1/20/2017	0.0134	
3/29/2017	<0.01 (*)	
9/27/2017	0.0111	
3/16/2018	0.012	
9/13/2018	<0.01	
3/19/2019		0.016
9/11/2019		0.028
3/9/2020		0.032
9/15/2020		0.028
3/11/2021		0.028
8/5/2021		0.024

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00432 (J)	
5/17/2016	0.00672 (J)	
7/27/2016	<0.02 (*)	
9/20/2016	0.0081 (J)	
11/4/2016	0.0071 (J)	
1/23/2017	<0.02	
3/28/2017	<0.02 (*)	
9/29/2017	0.0055 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/15/2019		0.0058 (J)
9/11/2019		0.011 (D)
3/9/2020		0.0079 (J)
9/14/2020		0.0076 (J)
3/11/2021		0.0088 (J)
8/4/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.02	
5/18/2016	<0.02	
7/27/2016	<0.02 (*)	
9/21/2016	<0.02	
11/4/2016	<0.02	
1/24/2017	<0.02	
3/29/2017	<0.02 (*)	
9/29/2017	<0.02	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/18/2019		<0.02
9/11/2019		0.005 (J)
3/11/2020		0.0036 (J)
9/11/2020		<0.02
3/15/2021		<0.02
8/11/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.02	
5/18/2016	0.00208 (J)	
7/28/2016	<0.02 (*)	
9/21/2016	0.0079 (J)	
11/7/2016	<0.02 (*)	
1/24/2017	0.0053 (J)	
3/30/2017	<0.02 (*)	
9/29/2017	0.004 (J)	
3/15/2018	<0.02	
9/14/2018	<0.02	
3/19/2019		0.0034 (J)
9/11/2019		0.0085 (J)
3/9/2020		0.0047 (J)
9/14/2020		0.0042 (J)
3/15/2021		<0.02
8/5/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.016	
10/25/2007	0.061	
11/19/2007	0.053	
1/23/2008	0.14	
3/11/2008	0.13	
5/12/2008	0.11	
12/11/2008	0.04 (J)	
4/15/2009	0.11	
10/9/2009	0.15	
5/4/2010	0.077	
10/12/2010	0.077	
4/28/2011	0.032	
10/19/2011	0.11	
5/2/2012	0.138	
10/9/2012	0.097	
4/11/2013	0.047	
10/16/2013	0.098	
4/23/2014	0.066	
10/3/2014	0.13 (V)	
3/31/2015	0.05	
10/12/2015	0.048	
3/28/2016	0.0534	
8/1/2016	0.055	
4/3/2017	0.0436	
10/3/2017	0.0393	
3/19/2018	<0.034	
9/17/2018	0.03	
3/20/2019		0.032
9/16/2019		0.035
3/16/2020		0.047
9/16/2020		0.033
3/17/2021		0.027
8/9/2021		0.036

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.04 (O)	
10/25/2007	0.0062	
11/20/2007	0.03 (O)	
1/23/2008	0.048 (O)	
3/11/2008	0.016	
5/14/2008	0.02	
12/11/2008	0.021	
4/23/2009	0.0058 (J)	
10/9/2009	0.055 (O)	
5/4/2010	0.045 (O)	
10/11/2010	0.015	
4/26/2011	0.0067	
10/18/2011	0.0055	
5/2/2012	<0.02	
10/8/2012	0.0043	
4/10/2013	0.0067	
10/8/2013	0.0091	
4/14/2014	0.0063	
10/3/2014	0.0065 (V)	
4/1/2015	0.0059	
10/9/2015	<0.02	
3/29/2016	<0.02	
8/1/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	<0.02	
3/19/2018	<0.02	
9/17/2018	<0.02	
3/21/2019		<0.02
9/16/2019		0.0058 (J)
3/12/2020		0.0042 (J)
9/16/2020		<0.02
3/17/2021		<0.02
8/10/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.0035	
6/18/2015	0.0025 (D)	
7/2/2015	0.0018 (J)	
10/9/2015	0.0019 (J)	
3/29/2016	0.00786 (J)	
8/1/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	0.0014 (J)	
3/20/2018	<0.02	
9/17/2018	<0.02	
3/21/2019		<0.02
9/16/2019		0.0057 (J)
3/12/2020		0.0032 (J)
9/16/2020		<0.02
3/17/2021		<0.02
8/10/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	<0.02	
3/20/2018	<0.02	
9/18/2018	<0.02	
3/21/2019		<0.02
9/13/2019		0.0053 (J)
3/12/2020		0.0031 (J)
9/16/2020		<0.02
3/17/2021		<0.02
8/10/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	0.0032	
4/30/2012	<0.02	
10/3/2012	0.0034	
4/8/2013	0.0039	
10/9/2013	0.0078	
4/10/2014	0.0064	
10/2/2014	0.0009 (JV)	
4/3/2015	<0.02	
10/8/2015	0.013	
3/30/2016	0.00308 (J)	
8/2/2016	<0.02	
4/6/2017	<0.02	
10/4/2017	<0.02	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/27/2019		<0.02
9/16/2019		0.00525 (JD)
3/12/2020		0.002 (J)
9/17/2020		<0.02
3/17/2021		<0.02
8/10/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.0017 (J)	
6/18/2015	0.0052 (D)	
7/2/2015	0.0027	
10/8/2015	<0.02	
3/22/2016	0.00302 (J)	
8/2/2016	<0.02	
4/7/2017	<0.02	
10/3/2017	0.0022 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02	
5/6/2019		0.0024 (J)
9/16/2019		0.0065 (J)
3/16/2020		0.0073 (J)
9/17/2020		<0.02
3/18/2021		<0.02
8/10/2021		<0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 5:37 PM View: Appendix I Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.011	
11/1/2007	0.012	
11/19/2007	0.026 (J)	
1/15/2008	0.075 (O)	
3/6/2008	0.051 (O)	
5/13/2008	0.0084	
12/12/2008	0.077 (O)	
4/16/2009	0.064 (O)	
10/13/2009	0.013	
4/21/2010	0.0035	
9/29/2010	0.0085	
4/13/2011	0.0028	
10/5/2011	0.0038	
4/4/2012	0.0126	
10/8/2012	0.0043	
4/8/2013	0.0068	
10/9/2013	0.0082	
4/9/2014	0.0043	
9/30/2014	0.0029	
4/2/2015	0.0056	
10/10/2015	0.0065 (D)	
3/30/2016	0.00388 (J)	
8/5/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	0.0023 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02 (D)	
3/21/2019		0.0024 (J)
9/16/2019		0.0062 (J)
3/12/2020		0.0045 (J)
9/17/2020		<0.02
3/18/2021		<0.02
8/10/2021		<0.02

FIGURE H.

Appendix III Welch's t-test/Mann-Whitney - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Boron, total (mg/L)	GWA-2R (bg)	-2.791	Yes	Mann-W
Calcium, total (mg/L)	GWC-49Z	-2.661	Yes	Mann-W
Fluoride, total (mg/L)	GWA-3A (bg)	-3.157	Yes	Mann-W
Sulfate, total (mg/L)	GWA-1 (bg)	-2.724	Yes	Mann-W
Sulfate, total (mg/L)	GWA-39Z (bg)	-3.001	Yes	Mann-W
Sulfate, total (mg/L)	GWC-10R	-3.015	Yes	Mann-W
Sulfate, total (mg/L)	GWC-11	-3.019	Yes	Mann-W
Sulfate, total (mg/L)	GWC-11R	-3.01	Yes	Mann-W
Sulfate, total (mg/L)	GWC-14Z	2.609	Yes	Mann-W
Sulfate, total (mg/L)	GWC-15Z	-3.002	Yes	Mann-W
Sulfate, total (mg/L)	GWC-49Z	-2.812	Yes	Mann-W
Sulfate, total (mg/L)	GWC-5	-2.97	Yes	Mann-W
Sulfate, total (mg/L)	GWC-8Z	-2.891	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-13	-2.662	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	-2.774	Yes	Mann-W

Appendix III Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Boron, total (mg/L)	GWA-1 (bg)	0.07607	No	Mann-W
Boron, total (mg/L)	GWA-2 (bg)	-2.128	No	Mann-W
Boron, total (mg/L)	GWA-2R (bg)	-2.791	Yes	Mann-W
Boron, total (mg/L)	GWA-39RZ (bg)	0.8555	No	Mann-W
Boron, total (mg/L)	GWA-39Z (bg)	-0.3405	No	Mann-W
Boron, total (mg/L)	GWA-3A (bg)	-1.169	No	Mann-W
Boron, total (mg/L)	GWA-40 (bg)	-0.6809	No	Mann-W
Boron, total (mg/L)	GWA-41 (bg)	-1.054	No	Mann-W
Boron, total (mg/L)	GWA-41R (bg)	-1.82	No	Mann-W
Boron, total (mg/L)	GWA-42 (bg)	-0.6809	No	Mann-W
Boron, total (mg/L)	GWA-43 (bg)	0.416	No	Mann-W
Boron, total (mg/L)	GWA-43R (bg)	-2.571	No	Mann-W
Boron, total (mg/L)	GWA-4RZ (bg)	1.644	No	Mann-W
Boron, total (mg/L)	GWA-50 (bg)	-1.112	No	Mann-W
Boron, total (mg/L)	GWA-50R (bg)	-1.112	No	Mann-W
Boron, total (mg/L)	GWC-10	0.416	No	Mann-W
Boron, total (mg/L)	GWC-10R	-0.6809	No	Mann-W
Boron, total (mg/L)	GWC-11	0.416	No	Mann-W
Boron, total (mg/L)	GWC-11R	-0.3803	No	Mann-W
Boron, total (mg/L)	GWC-13	-1.481	No	Mann-W
Boron, total (mg/L)	GWC-13RZ	-0.797	No	Mann-W
Boron, total (mg/L)	GWC-14Z	-0.2668	No	Mann-W
Boron, total (mg/L)	GWC-15R	-0.5705	No	Mann-W
Boron, total (mg/L)	GWC-15Z	0	No	Mann-W
Boron, total (mg/L)	GWC-44	-0.8805	No	Mann-W
Boron, total (mg/L)	GWC-45	0.7075	No	Mann-W
Boron, total (mg/L)	GWC-45R	-1.724	No	Mann-W
Boron, total (mg/L)	GWC-46R	1.141	No	Mann-W
Boron, total (mg/L)	GWC-47	0.7075	No	Mann-W
Boron, total (mg/L)	GWC-47R	-0.6809	No	Mann-W
Boron, total (mg/L)	GWC-48	0.416	No	Mann-W
Boron, total (mg/L)	GWC-49R	-1.958	No	Mann-W
Boron, total (mg/L)	GWC-49Z	-0.7287	No	Mann-W
Boron, total (mg/L)	GWC-5	0.9363	No	Mann-W
Boron, total (mg/L)	GWC-6	-1.941	No	Mann-W
Boron, total (mg/L)	GWC-6RZ	-0.5107	No	Mann-W
Boron, total (mg/L)	GWC-7Z	-0.6743	No	Mann-W
Boron, total (mg/L)	GWC-8RR	0.7075	No	Mann-W
Boron, total (mg/L)	GWC-8Z	0.416	No	Mann-W
Boron, total (mg/L)	GWC-9	-0.6809	No	Mann-W
Calcium, total (mg/L)	GWA-1 (bg)	1.699	No	Mann-W
Calcium, total (mg/L)	GWA-2 (bg)	1.642	No	Mann-W
Calcium, total (mg/L)	GWA-2R (bg)	1.302	No	Mann-W
Calcium, total (mg/L)	GWA-39RZ (bg)	0.8503	No	Mann-W
Calcium, total (mg/L)	GWA-39Z (bg)	-1.752	No	Mann-W
Calcium, total (mg/L)	GWA-3A (bg)	1.212	No	Mann-W
Calcium, total (mg/L)	GWA-40 (bg)	-0.3965	No	Mann-W
Calcium, total (mg/L)	GWA-41 (bg)	0.6228	No	Mann-W
Calcium, total (mg/L)	GWA-41R (bg)	-0.5098	No	Mann-W
Calcium, total (mg/L)	GWA-42 (bg)	2.267	No	Mann-W
Calcium, total (mg/L)	GWA-43 (bg)	-1.529	No	Mann-W
Calcium, total (mg/L)	GWA-43R (bg)	1.969	No	Mann-W
Calcium, total (mg/L)	GWA-4RZ (bg)	2.097	No	Mann-W
Calcium, total (mg/L)	GWA-50 (bg)	-2.549	No	Mann-W
Calcium, total (mg/L)	GWA-50R (bg)	-2.095	No	Mann-W

Appendix III Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Calcium, total (mg/L)	GWC-10	-1.303	No	Mann-W
Calcium, total (mg/L)	GWC-10R	1.19	No	Mann-W
Calcium, total (mg/L)	GWC-11	-1.133	No	Mann-W
Calcium, total (mg/L)	GWC-11R	1.983	No	Mann-W
Calcium, total (mg/L)	GWC-12	0	No	Mann-W
Calcium, total (mg/L)	GWC-13	-2.321	No	Mann-W
Calcium, total (mg/L)	GWC-13RZ	0.1701	No	Mann-W
Calcium, total (mg/L)	GWC-14Z	-2.434	No	Mann-W
Calcium, total (mg/L)	GWC-15R	2.366	No	Mann-W
Calcium, total (mg/L)	GWC-15Z	0.6228	No	Mann-W
Calcium, total (mg/L)	GWC-44	2.209	No	Mann-W
Calcium, total (mg/L)	GWC-45	1.981	No	Mann-W
Calcium, total (mg/L)	GWC-45R	2.321	No	Mann-W
Calcium, total (mg/L)	GWC-46R	0.05668	No	Mann-W
Calcium, total (mg/L)	GWC-47	-1.872	No	Mann-W
Calcium, total (mg/L)	GWC-47R	0.9064	No	Mann-W
Calcium, total (mg/L)	GWC-48	1.586	No	Mann-W
Calcium, total (mg/L)	GWC-49R	0.7936	No	Mann-W
Calcium, total (mg/L)	GWC-49Z	-2.661	Yes	Mann-W
Calcium, total (mg/L)	GWC-5	0	No	Mann-W
Calcium, total (mg/L)	GWC-6	1.64	No	Mann-W
Calcium, total (mg/L)	GWC-6RZ	-2.186	No	Mann-W
Calcium, total (mg/L)	GWC-7Z	1.814	No	Mann-W
Calcium, total (mg/L)	GWC-8RR	0.3403	No	Mann-W
Calcium, total (mg/L)	GWC-8Z	-2.497	No	Mann-W
Calcium, total (mg/L)	GWC-9	-0.8497	No	Mann-W
Fluoride, total (mg/L)	GWA-1 (bg)	0.4012	No	Mann-W
Fluoride, total (mg/L)	GWA-2 (bg)	0.735	No	Mann-W
Fluoride, total (mg/L)	GWA-2R (bg)	0.9564	No	Mann-W
Fluoride, total (mg/L)	GWA-39RZ (bg)	1.779	No	Mann-W
Fluoride, total (mg/L)	GWA-39Z (bg)	0.8811	No	Mann-W
Fluoride, total (mg/L)	GWA-3A (bg)	-3.157	Yes	Mann-W
Fluoride, total (mg/L)	GWA-40 (bg)	0.7727	No	Mann-W
Fluoride, total (mg/L)	GWA-41 (bg)	1.335	No	Mann-W
Fluoride, total (mg/L)	GWA-41R (bg)	0.7727	No	Mann-W
Fluoride, total (mg/L)	GWA-42 (bg)	1.713	No	Mann-W
Fluoride, total (mg/L)	GWA-43 (bg)	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWA-43R (bg)	1.336	No	Mann-W
Fluoride, total (mg/L)	GWA-4RZ (bg)	-2.104	No	Mann-W
Fluoride, total (mg/L)	GWA-50 (bg)	1.141	No	Mann-W
Fluoride, total (mg/L)	GWA-50R (bg)	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-10	1.524	No	Mann-W
Fluoride, total (mg/L)	GWC-10R	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-11	1.524	No	Mann-W
Fluoride, total (mg/L)	GWC-11R	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-12	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-13	0.9937	No	Mann-W
Fluoride, total (mg/L)	GWC-13RZ	-2.043	No	Mann-W
Fluoride, total (mg/L)	GWC-14Z	1.602	No	Mann-W
Fluoride, total (mg/L)	GWC-15R	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-15Z	1.525	No	Mann-W
Fluoride, total (mg/L)	GWC-44	0.6449	No	Mann-W
Fluoride, total (mg/L)	GWC-45	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWC-45R	0.9937	No	Mann-W
Fluoride, total (mg/L)	GWC-46R	1.141	No	Mann-W

Appendix III Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

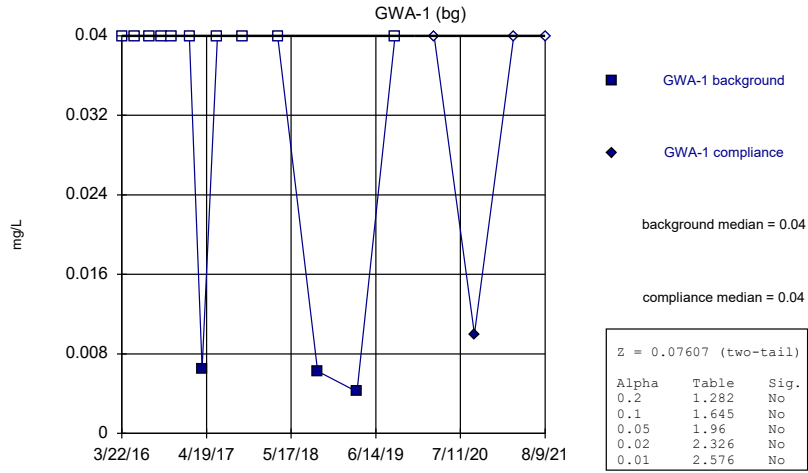
Constituent	Well	Calc.	0.01	Method
Fluoride, total (mg/L)	GWC-47	1.825	No	Mann-W
Fluoride, total (mg/L)	GWC-47R	0.9937	No	Mann-W
Fluoride, total (mg/L)	GWC-48	1.525	No	Mann-W
Fluoride, total (mg/L)	GWC-49R	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWC-49Z	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWC-5	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-6	1.141	No	Mann-W
Fluoride, total (mg/L)	GWC-6RZ	1.336	No	Mann-W
Fluoride, total (mg/L)	GWC-7Z	0.9937	No	Mann-W
Fluoride, total (mg/L)	GWC-8RR	0.9363	No	Mann-W
Fluoride, total (mg/L)	GWC-8Z	1.902	No	Mann-W
Fluoride, total (mg/L)	GWC-9	0.9363	No	Mann-W
Sulfate, total (mg/L)	GWA-1 (bg)	-2.724	Yes	Mann-W
Sulfate, total (mg/L)	GWA-2 (bg)	1.302	No	Mann-W
Sulfate, total (mg/L)	GWA-2R (bg)	0.2831	No	Mann-W
Sulfate, total (mg/L)	GWA-39RZ (bg)	-1.983	No	Mann-W
Sulfate, total (mg/L)	GWA-39Z (bg)	-3.001	Yes	Mann-W
Sulfate, total (mg/L)	GWA-3A (bg)	1.349	No	Mann-W
Sulfate, total (mg/L)	GWA-40 (bg)	-0.4255	No	Mann-W
Sulfate, total (mg/L)	GWA-41 (bg)	0.7369	No	Mann-W
Sulfate, total (mg/L)	GWA-41R (bg)	1.133	No	Mann-W
Sulfate, total (mg/L)	GWA-42 (bg)	-1.023	No	Mann-W
Sulfate, total (mg/L)	GWA-43 (bg)	-0.9745	No	Mann-W
Sulfate, total (mg/L)	GWA-43R (bg)	-2.209	No	Mann-W
Sulfate, total (mg/L)	GWA-4RZ (bg)	0.1597	No	Mann-W
Sulfate, total (mg/L)	GWA-50 (bg)	-2.353	No	Mann-W
Sulfate, total (mg/L)	GWA-50R (bg)	-2.325	No	Mann-W
Sulfate, total (mg/L)	GWC-10	-1.022	No	Mann-W
Sulfate, total (mg/L)	GWC-10R	-3.015	Yes	Mann-W
Sulfate, total (mg/L)	GWC-11	-3.019	Yes	Mann-W
Sulfate, total (mg/L)	GWC-11R	-3.01	Yes	Mann-W
Sulfate, total (mg/L)	GWC-12	1.825	No	Mann-W
Sulfate, total (mg/L)	GWC-13	-2.554	No	Mann-W
Sulfate, total (mg/L)	GWC-13RZ	1.189	No	Mann-W
Sulfate, total (mg/L)	GWC-14Z	2.609	Yes	Mann-W
Sulfate, total (mg/L)	GWC-15R	-0.2269	No	Mann-W
Sulfate, total (mg/L)	GWC-15Z	-3.002	Yes	Mann-W
Sulfate, total (mg/L)	GWC-44	2.096	No	Mann-W
Sulfate, total (mg/L)	GWC-45	-2.167	No	Mann-W
Sulfate, total (mg/L)	GWC-45R	1.991	No	Mann-W
Sulfate, total (mg/L)	GWC-46R	-0.9636	No	Mann-W
Sulfate, total (mg/L)	GWC-47	0.803	No	Mann-W
Sulfate, total (mg/L)	GWC-47R	0.9636	No	Mann-W
Sulfate, total (mg/L)	GWC-48	1.392	No	Mann-W
Sulfate, total (mg/L)	GWC-49R	-2.077	No	Mann-W
Sulfate, total (mg/L)	GWC-49Z	-2.812	Yes	Mann-W
Sulfate, total (mg/L)	GWC-5	-2.97	Yes	Mann-W
Sulfate, total (mg/L)	GWC-6	-1.652	No	Mann-W
Sulfate, total (mg/L)	GWC-6RZ	-2.099	No	Mann-W
Sulfate, total (mg/L)	GWC-7Z	1.986	No	Mann-W
Sulfate, total (mg/L)	GWC-8RR	-1.189	No	Mann-W
Sulfate, total (mg/L)	GWC-8Z	-2.891	Yes	Mann-W
Sulfate, total (mg/L)	GWC-9	-0.6231	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-1 (bg)	0.8518	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-2 (bg)	0.8492	No	Mann-W

Appendix III Welch's t-test/Mann-Whitney - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 5:50 PM

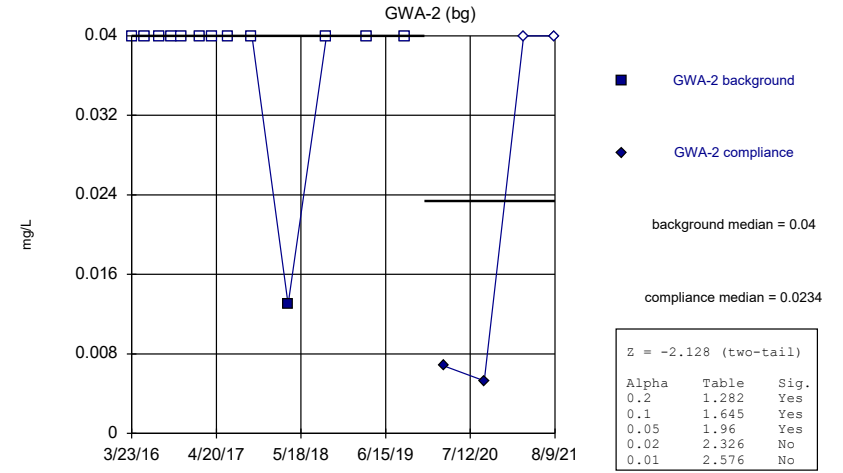
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Method</u>
Total Dissolved Solids [TDS] (mg/l)	GWA-2R (bg)	0.1698	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ (bg)	-1.246	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z (bg)	-0.9716	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-3A (bg)	1.912	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-40 (bg)	-1.19	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-41 (bg)	0.1699	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-41R (bg)	0.1699	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-42 (bg)	-0.5098	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-43 (bg)	-0.6258	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-43R (bg)	-0.397	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ (bg)	-0.7364	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-50 (bg)	-0.8035	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWA-50R (bg)	-1.368	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-10	-2.042	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-11	-1.191	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	1.02	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-12	-1.477	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-13	-2.662	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	-1.19	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	-2.208	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	0.6798	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	-1.303	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-44	1.65	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-45	1.409	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	0.9075	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	-0.3407	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-47	-0.6231	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	-2.321	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-48	2.336	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	-0.6228	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	-0.114	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-5	-1.932	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-6	-2.327	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	-1.756	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	-0.2267	No	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	-2.774	Yes	Mann-W
Total Dissolved Solids [TDS] (mg/l)	GWC-9	-1.642	No	Mann-W

Mann-Whitney (Wilcoxon Rank Sum)



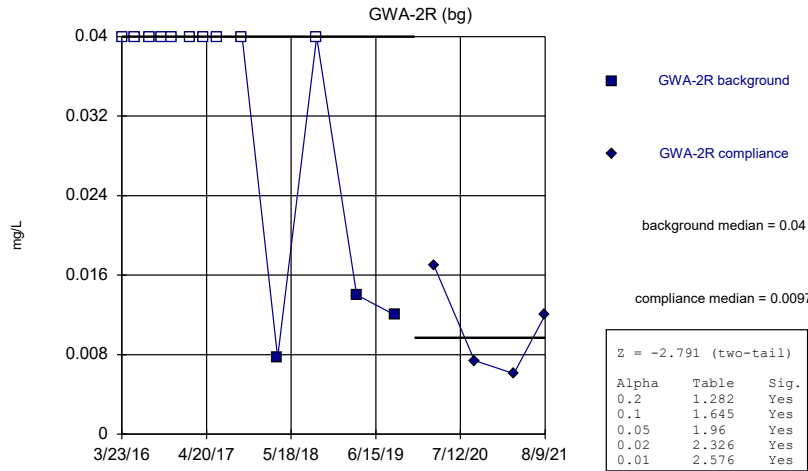
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



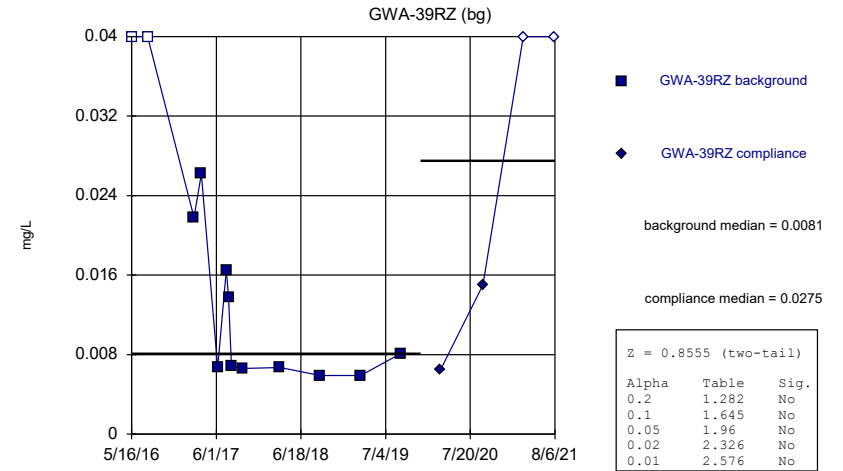
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



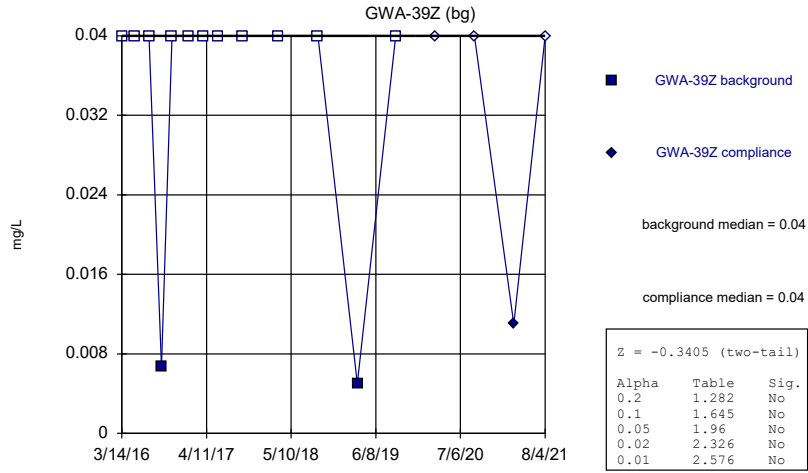
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



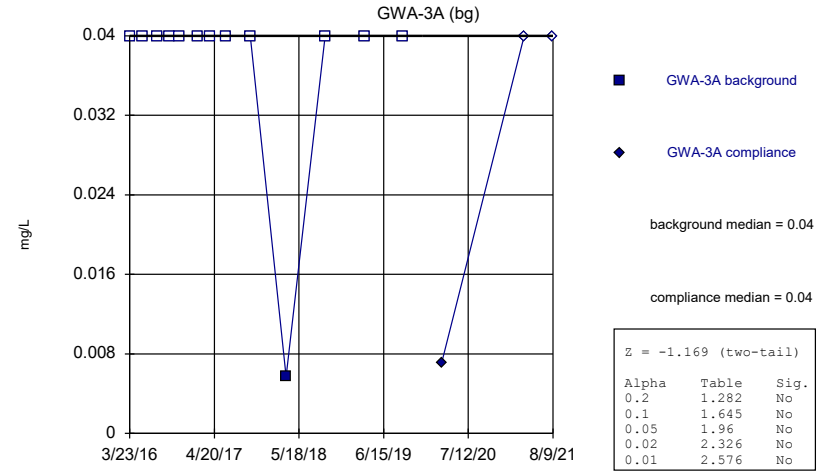
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



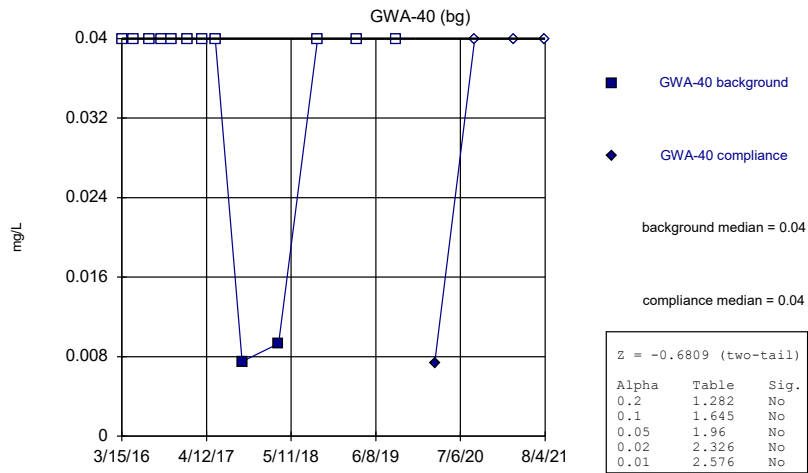
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



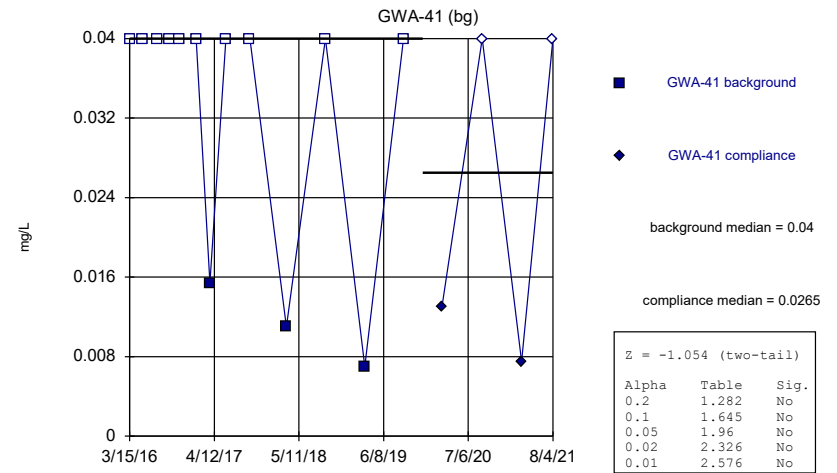
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



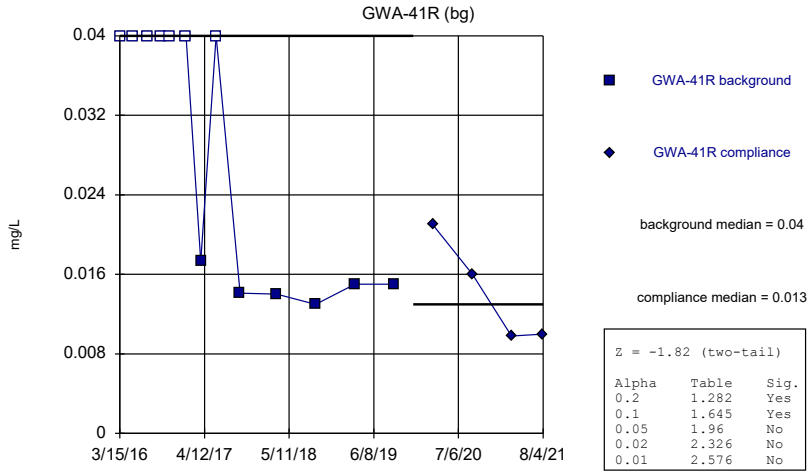
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



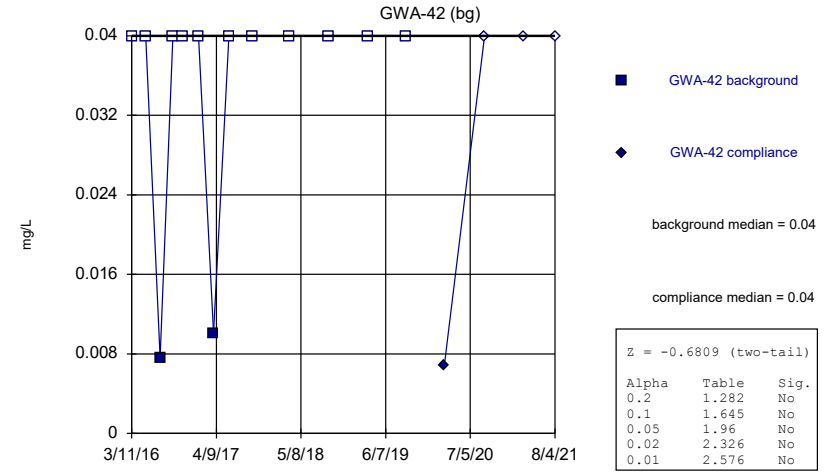
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



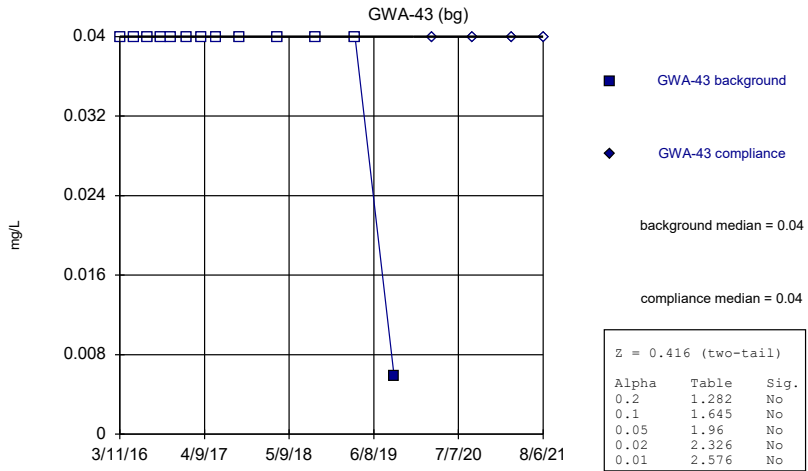
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



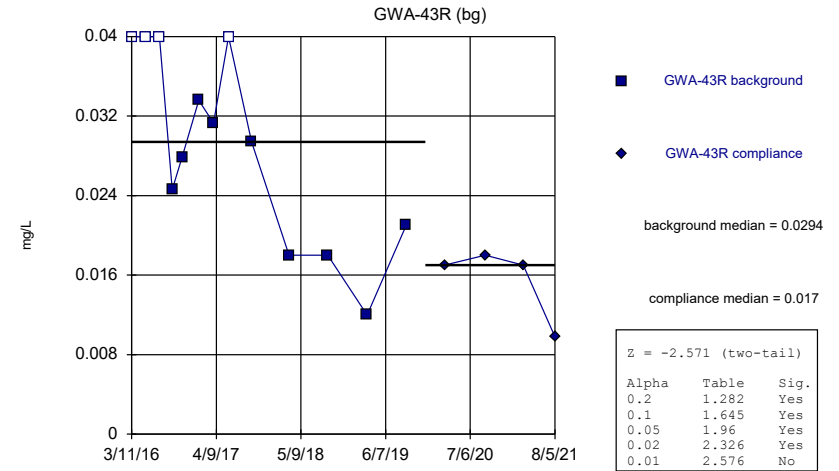
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



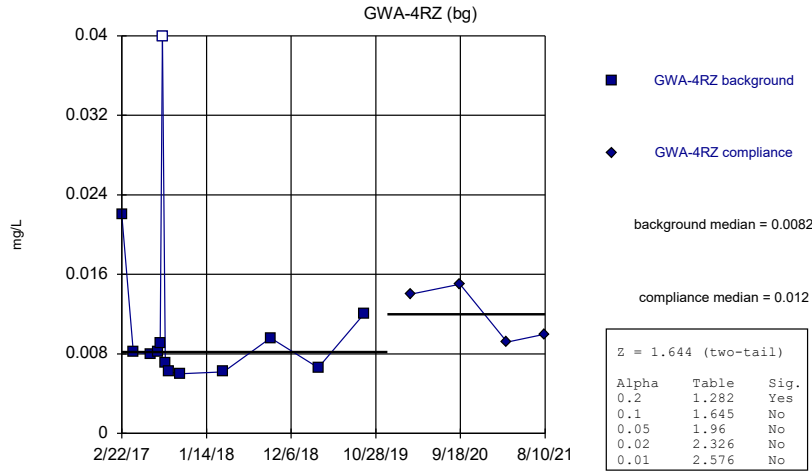
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



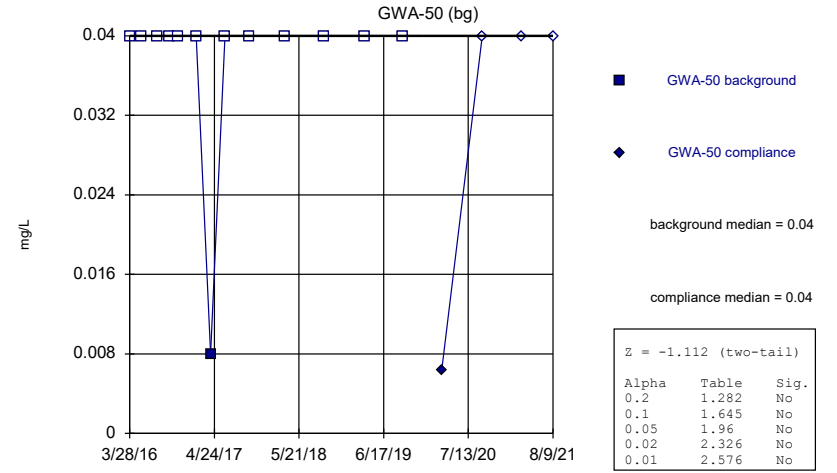
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



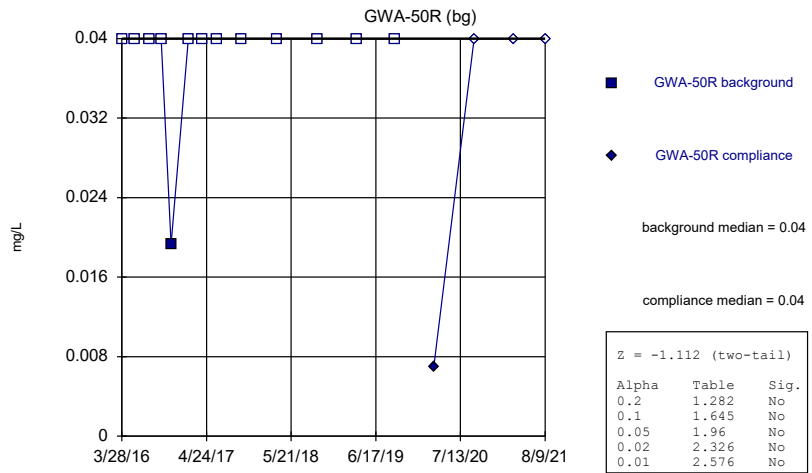
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



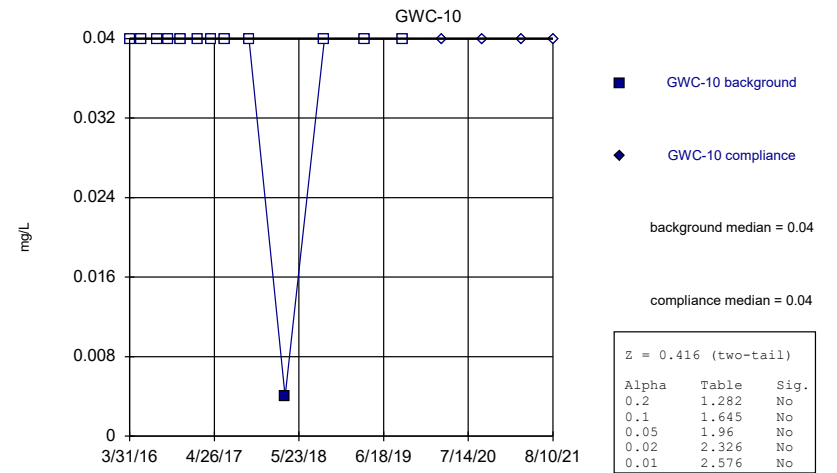
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



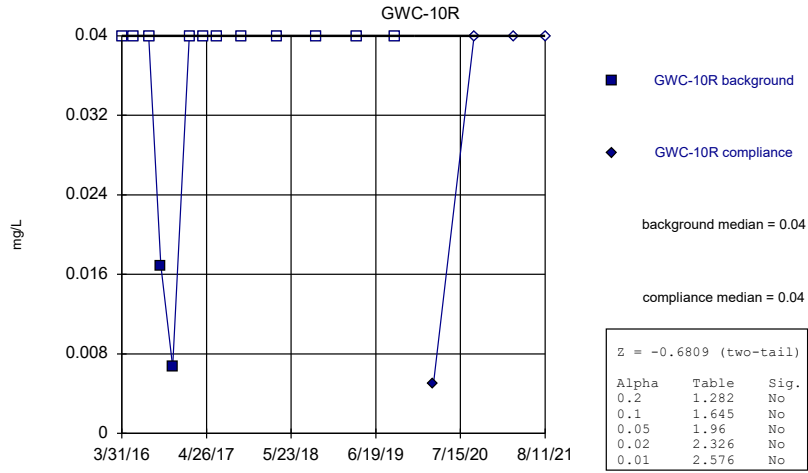
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



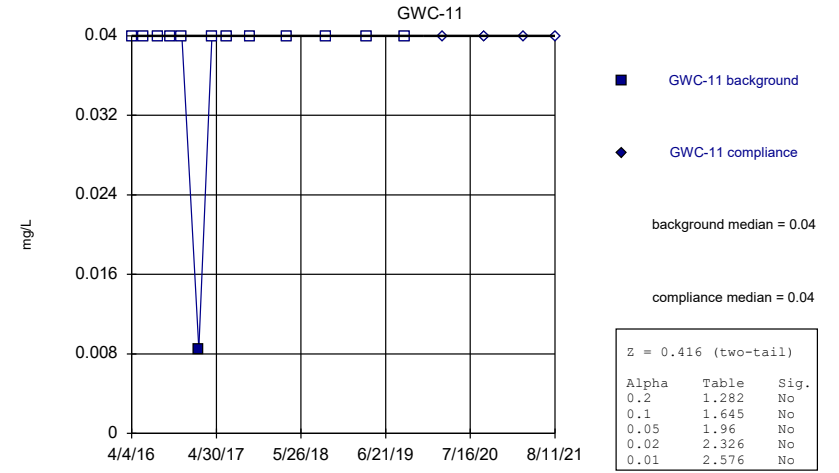
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



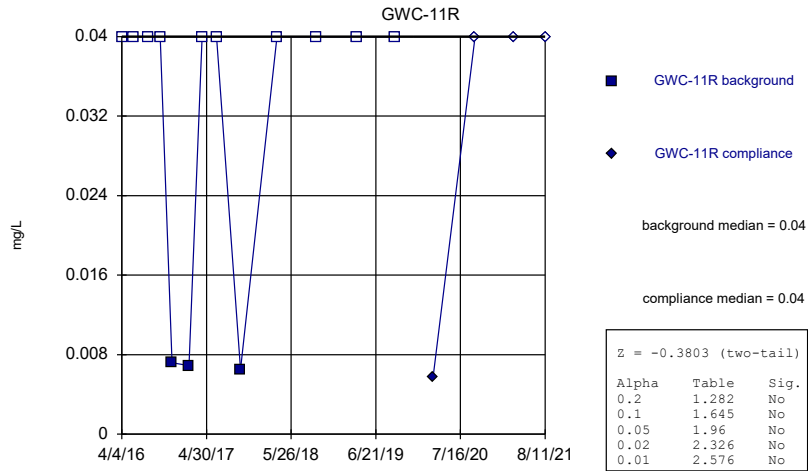
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



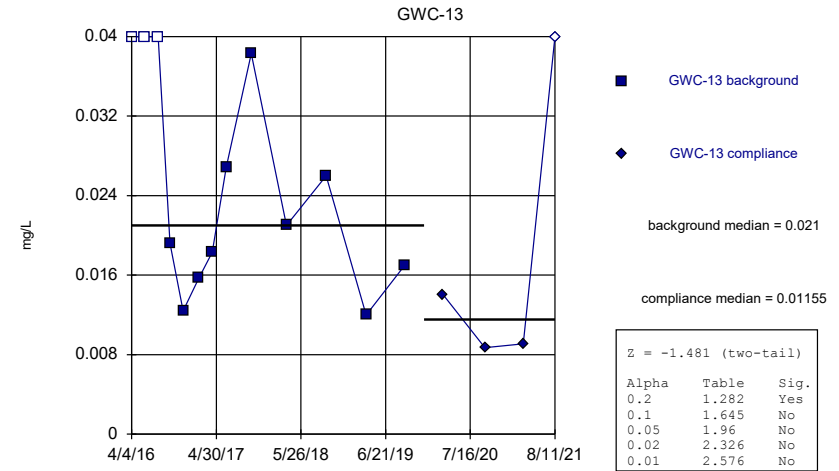
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



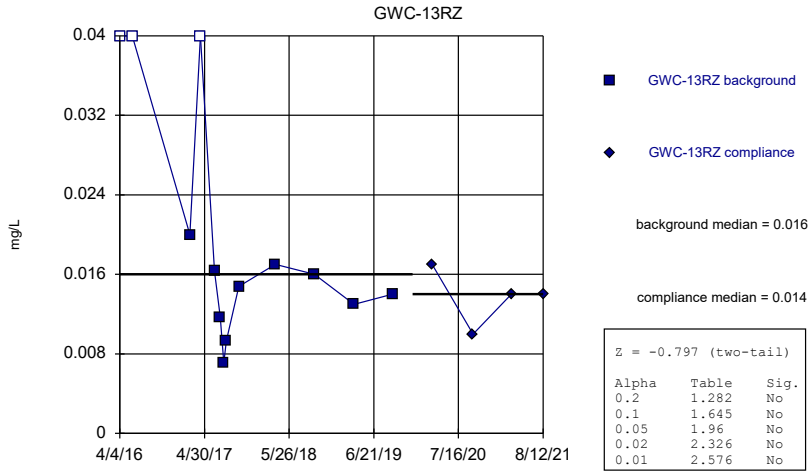
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



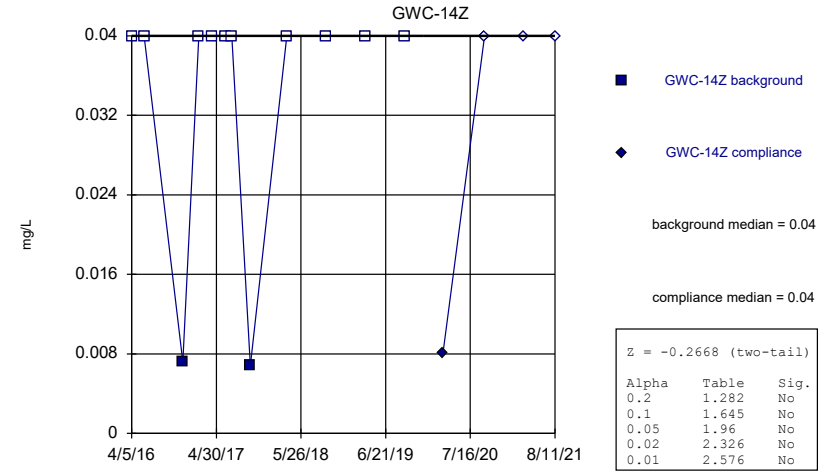
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



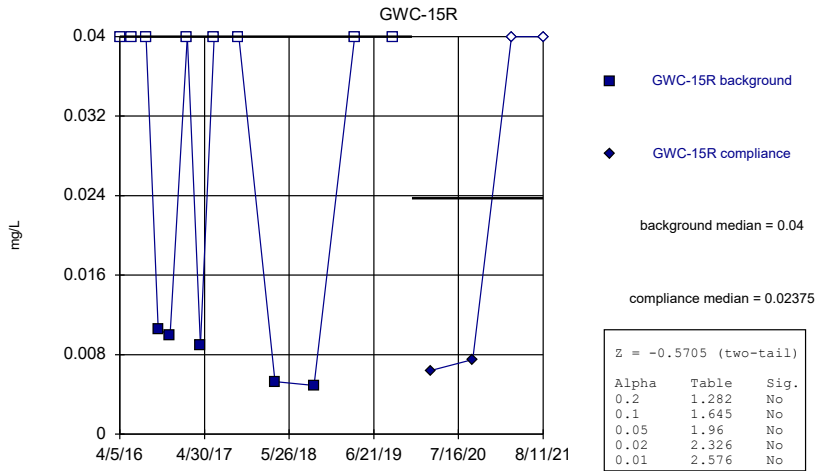
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



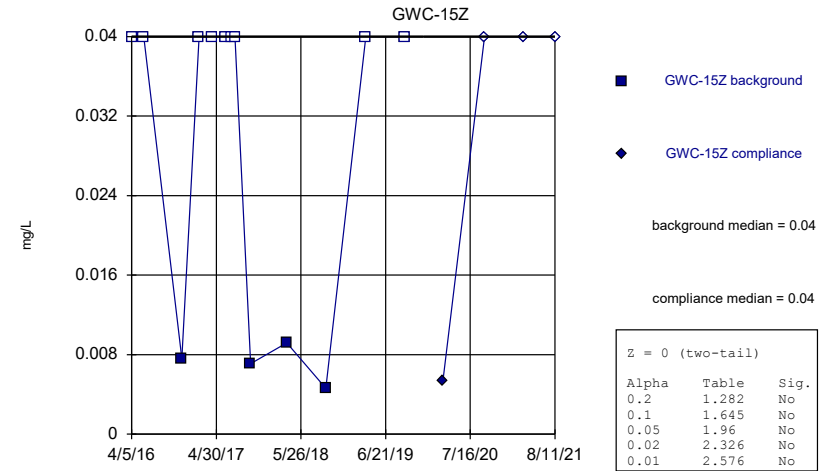
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



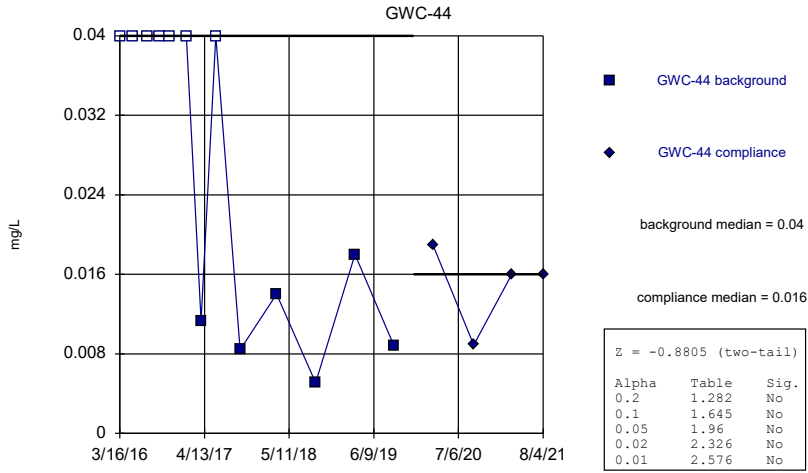
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



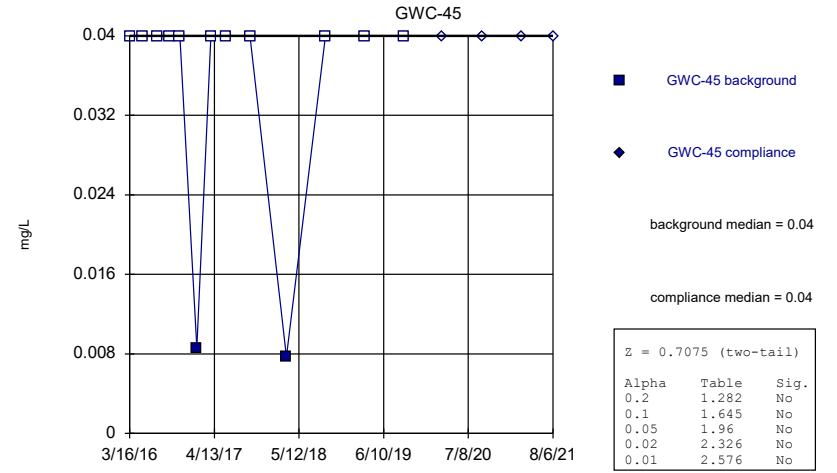
Constituent: Boron, total Analysis Run 4/1/2022 5:46 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



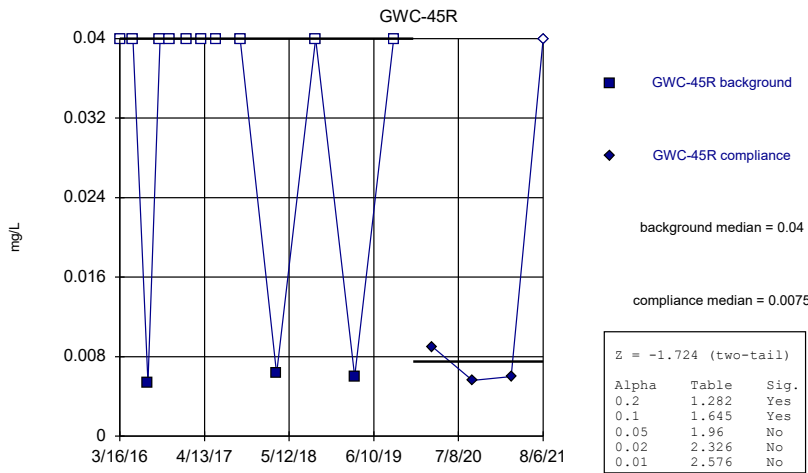
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



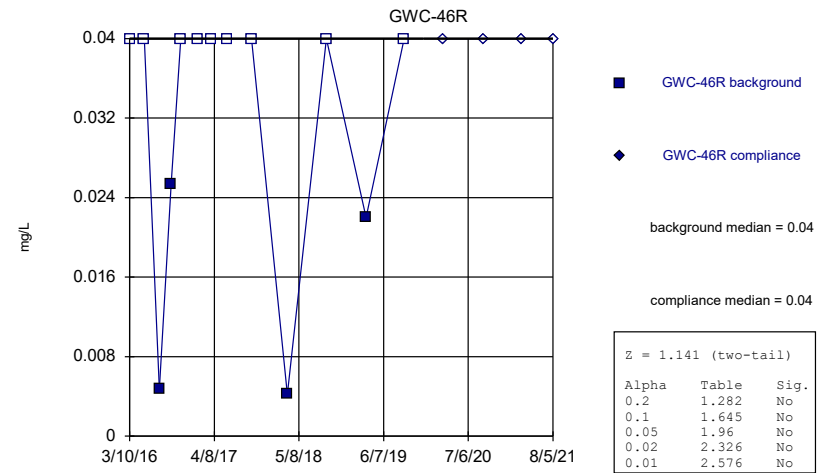
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



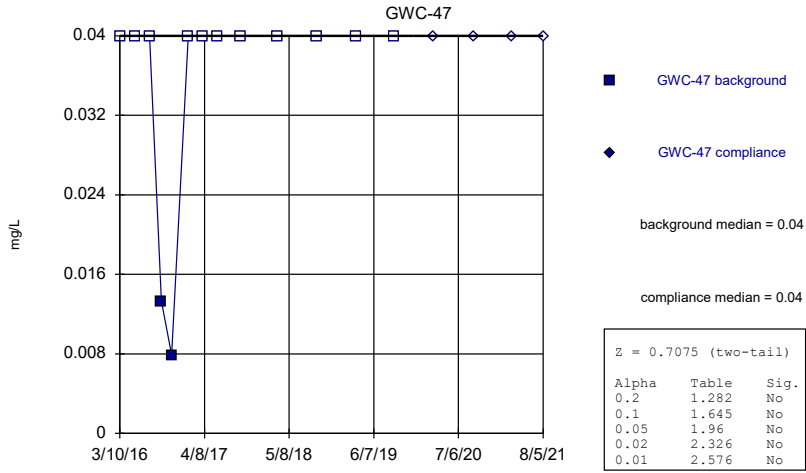
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



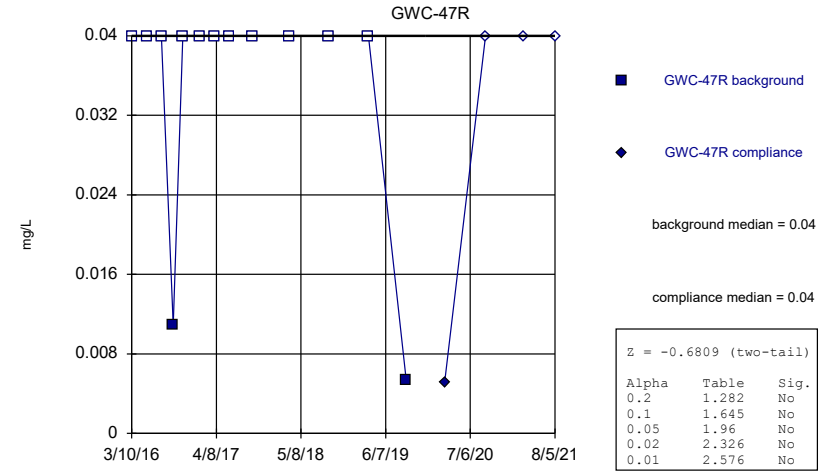
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



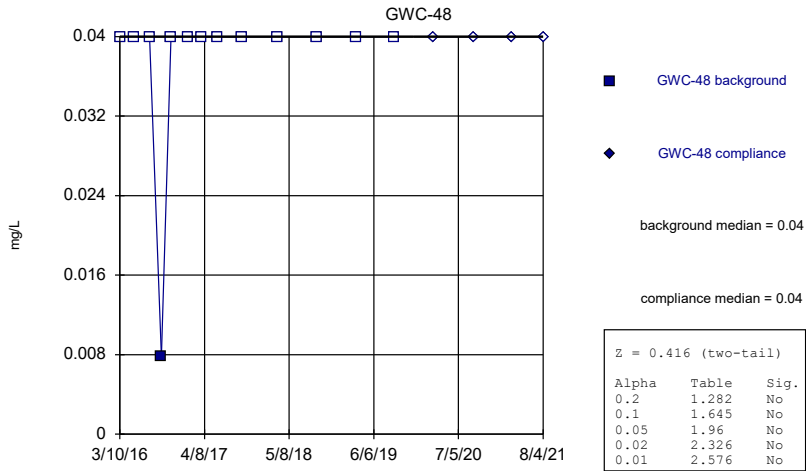
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



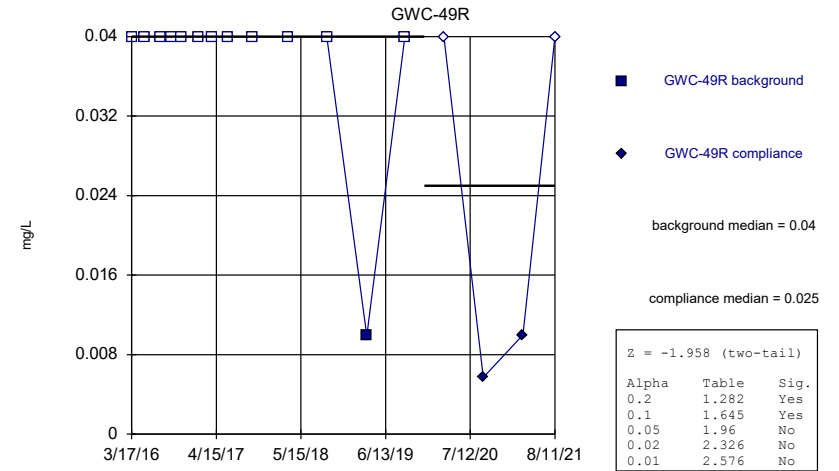
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



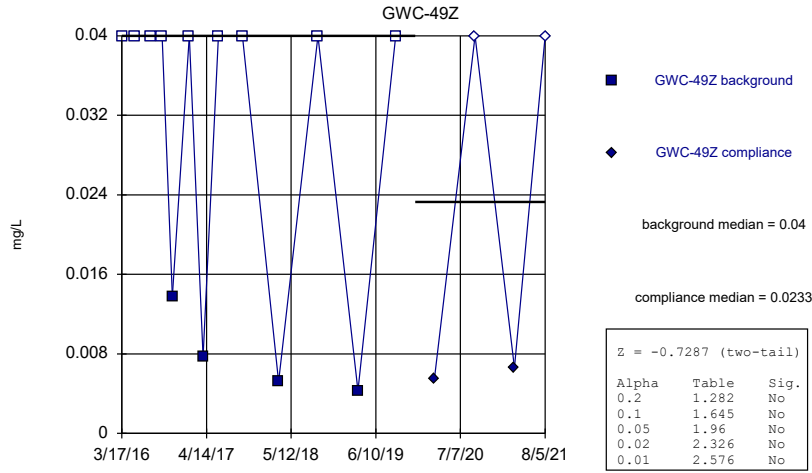
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



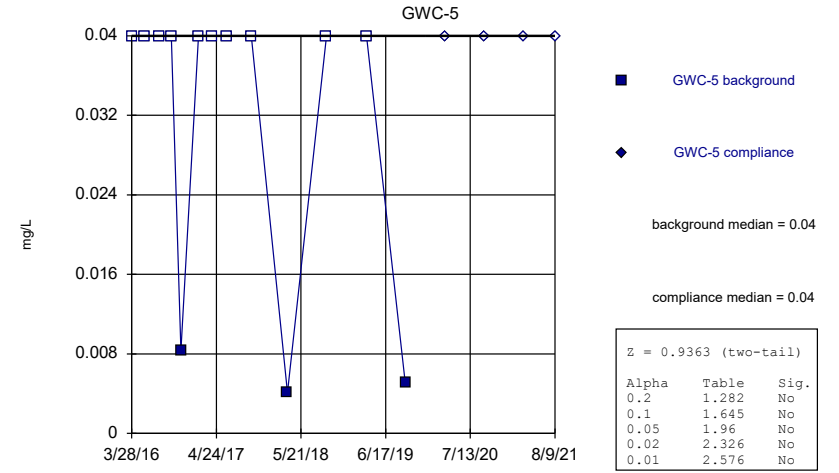
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



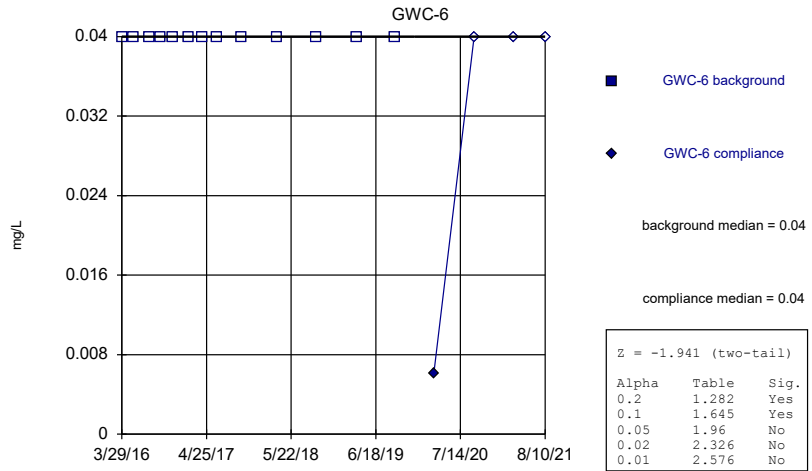
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



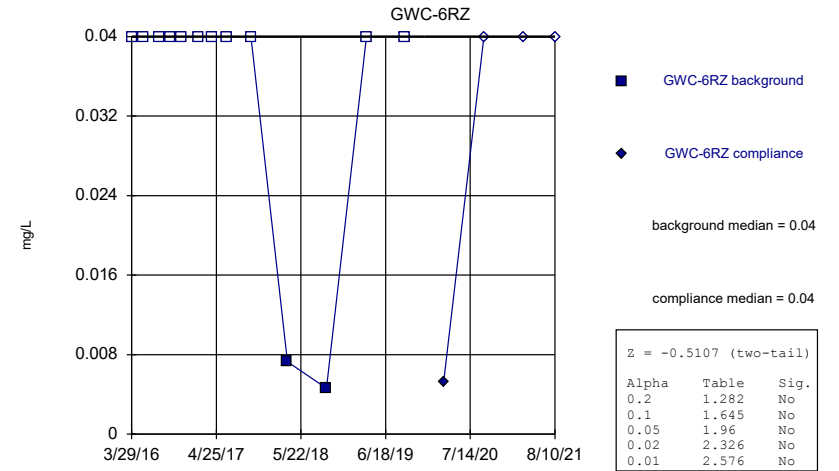
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



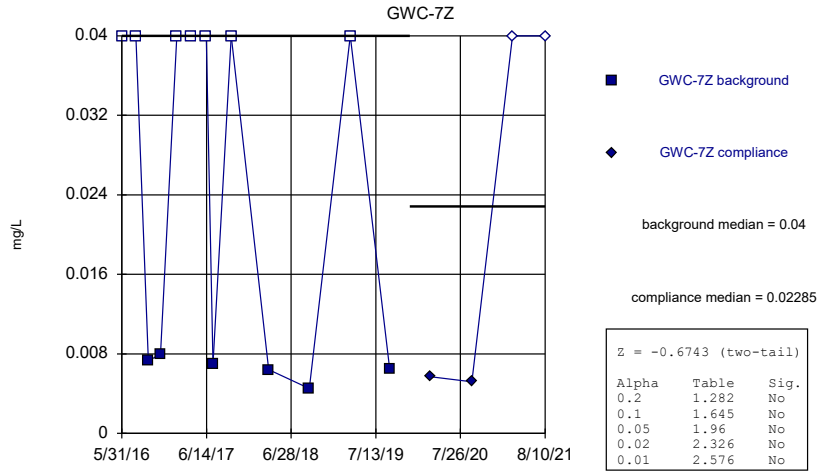
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



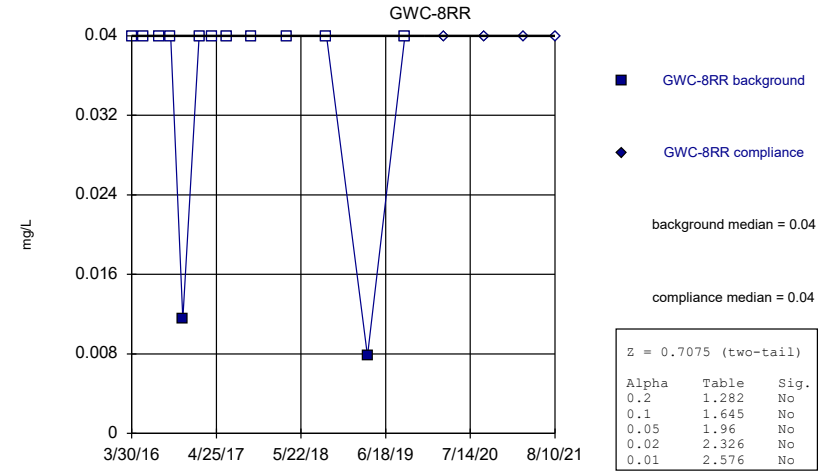
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



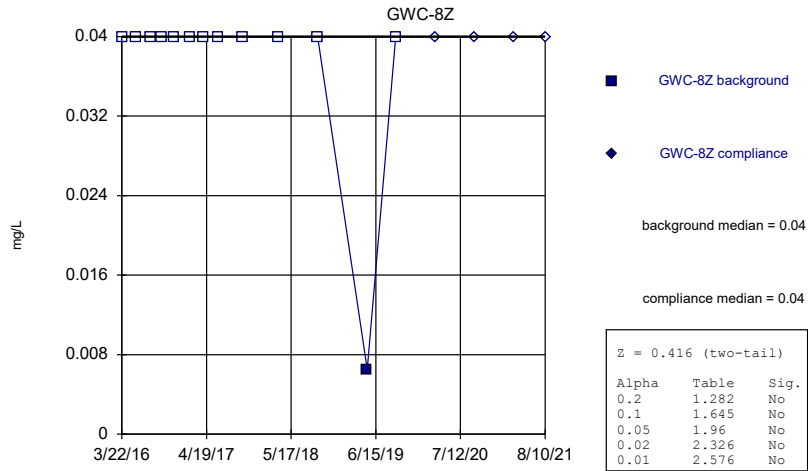
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



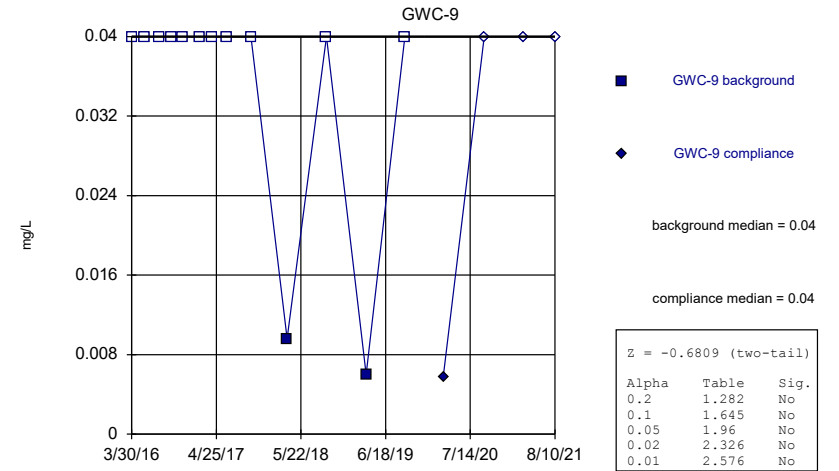
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



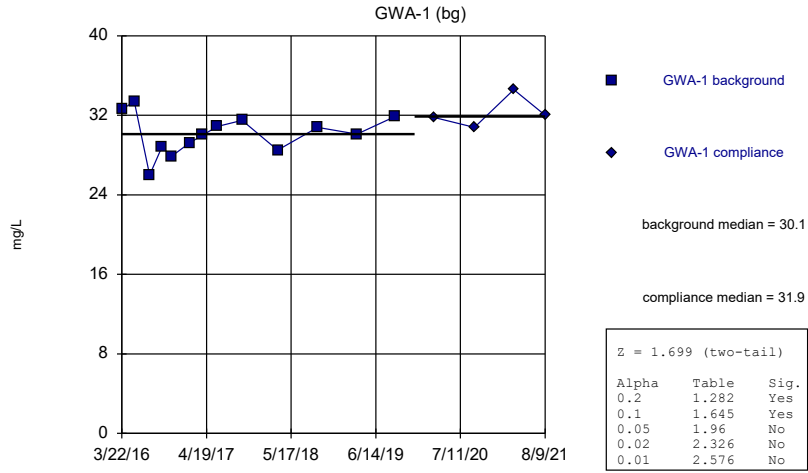
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



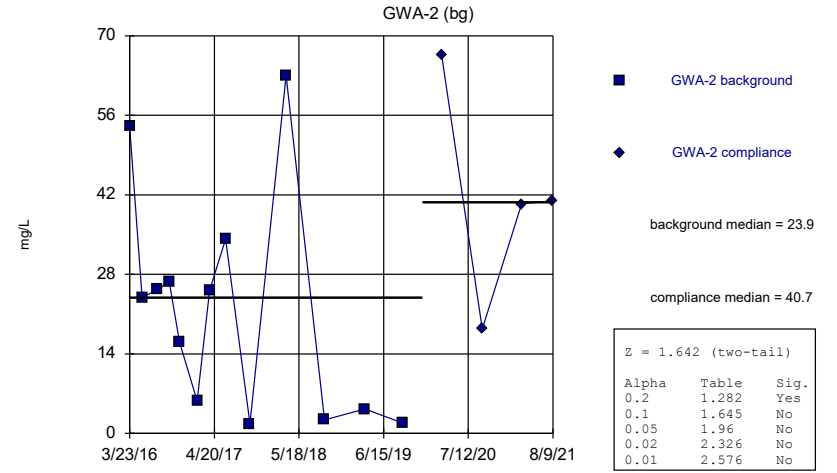
Constituent: Boron, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



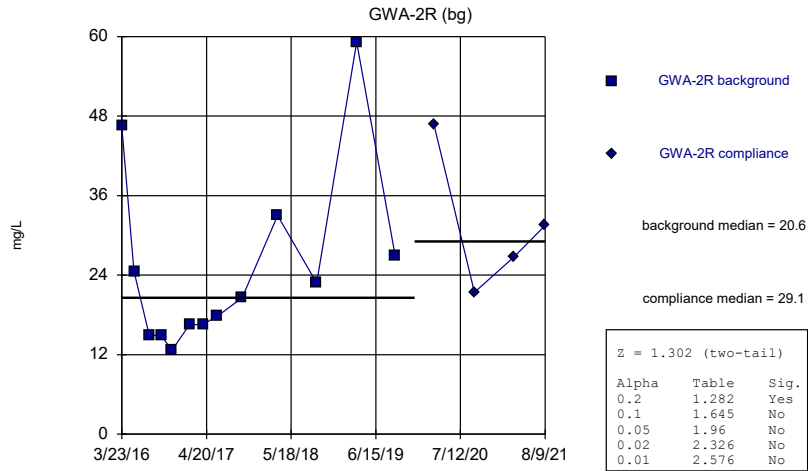
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



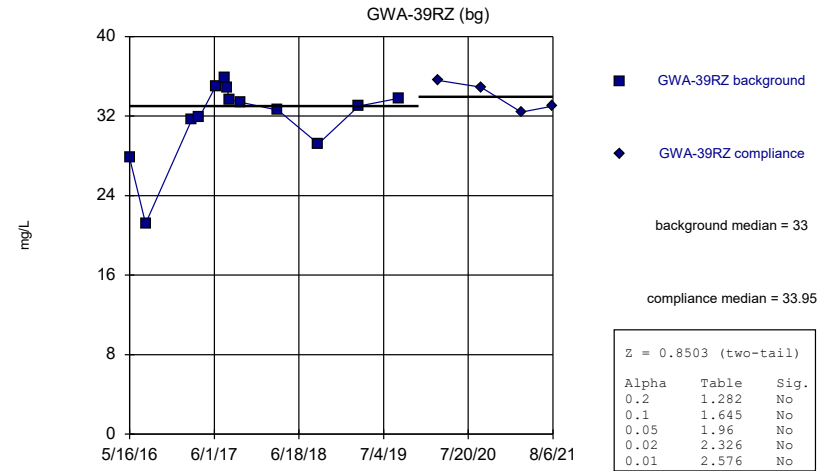
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

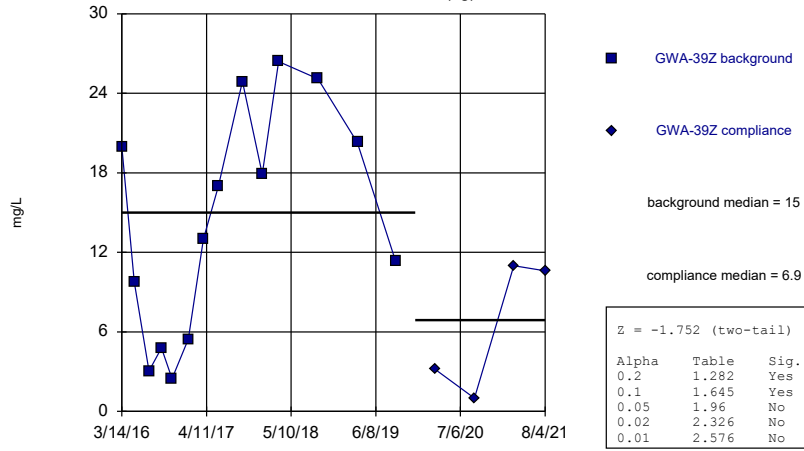
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

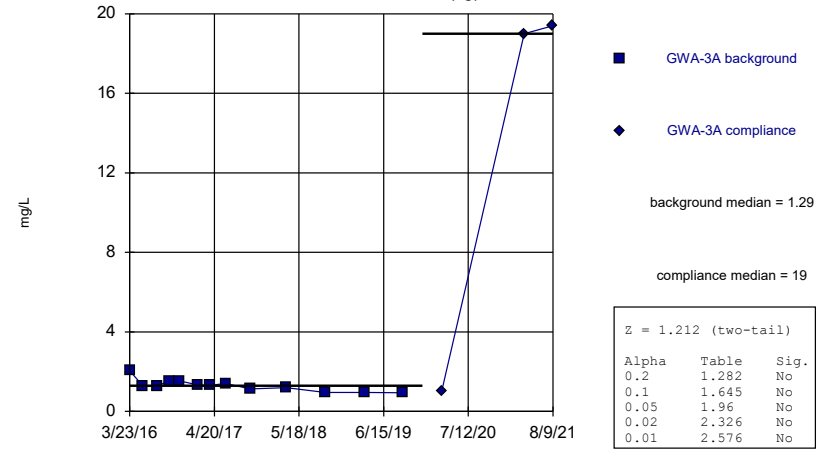
GWA-39Z (bg)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

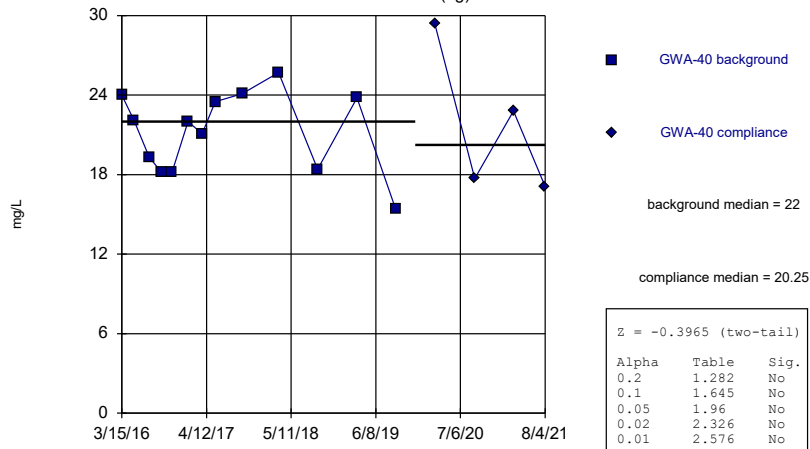
GWA-3A (bg)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

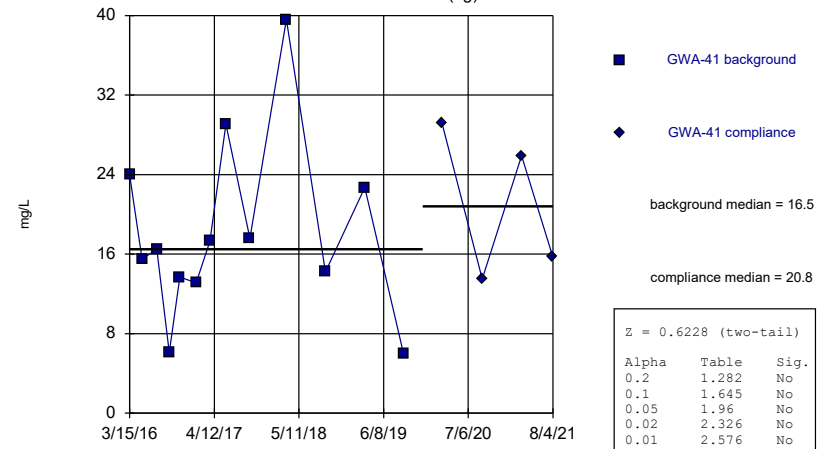
GWA-40 (bg)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

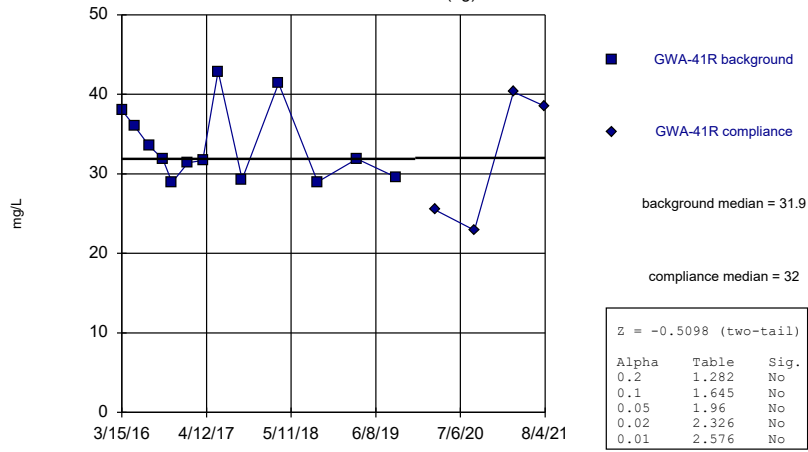
Mann-Whitney (Wilcoxon Rank Sum)

GWA-41 (bg)



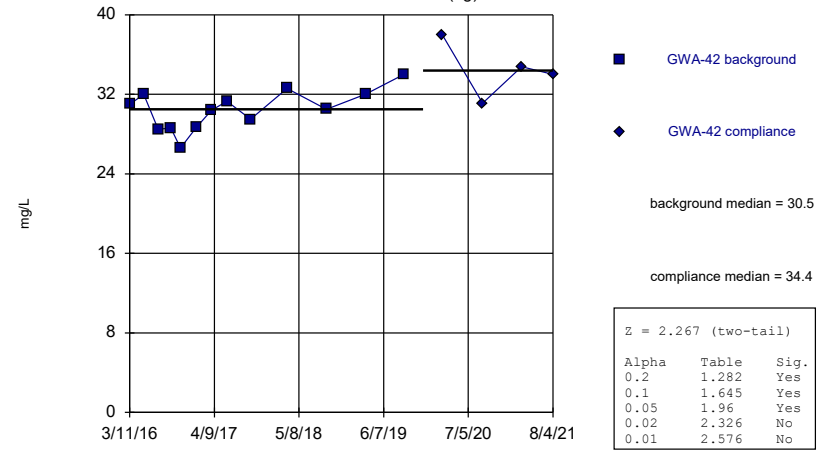
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-41R (bg)



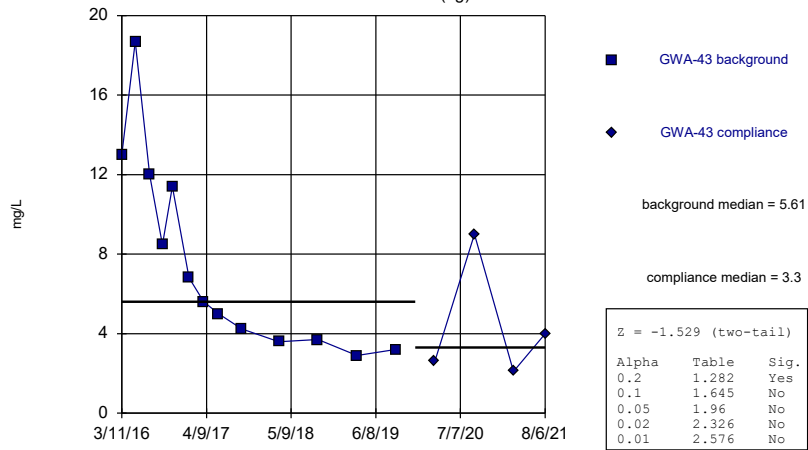
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-42 (bg)



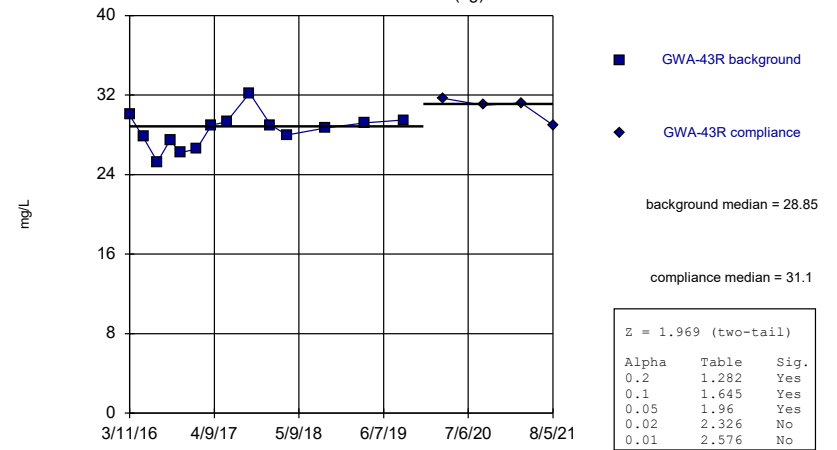
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-43 (bg)



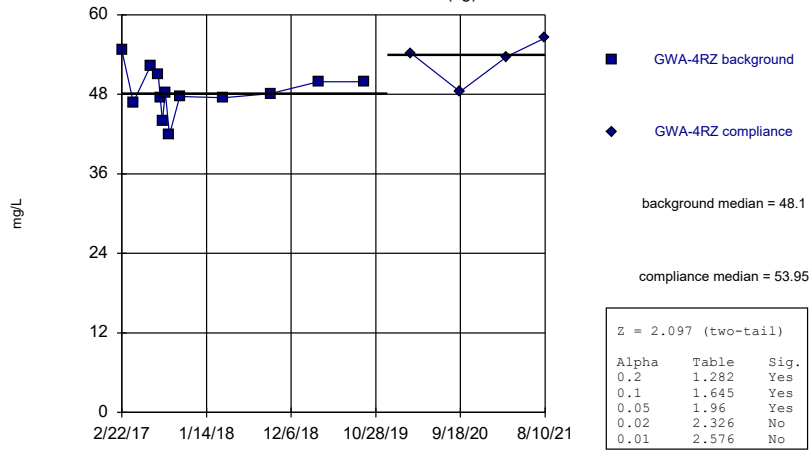
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-43R (bg)



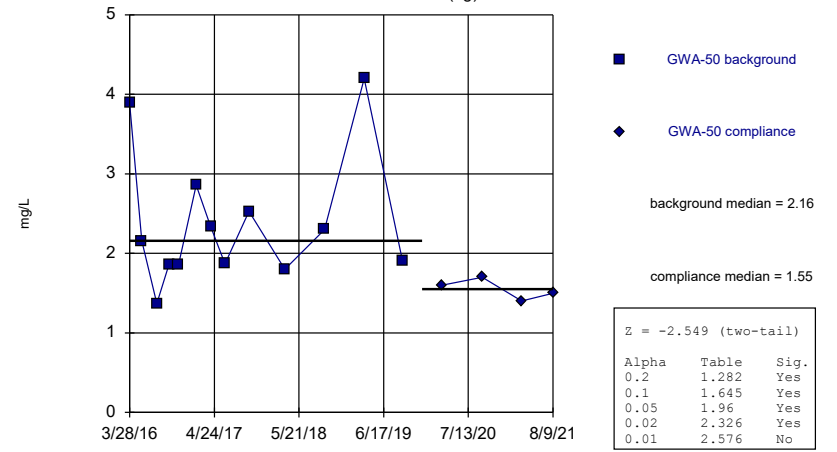
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-4RZ (bg)



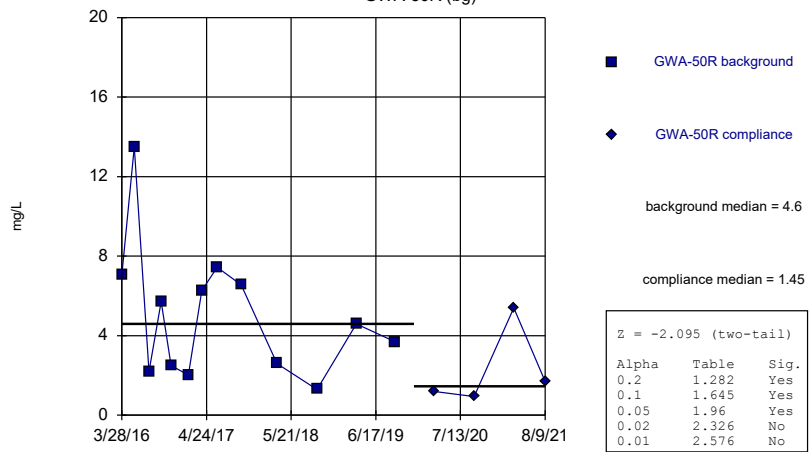
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-50 (bg)



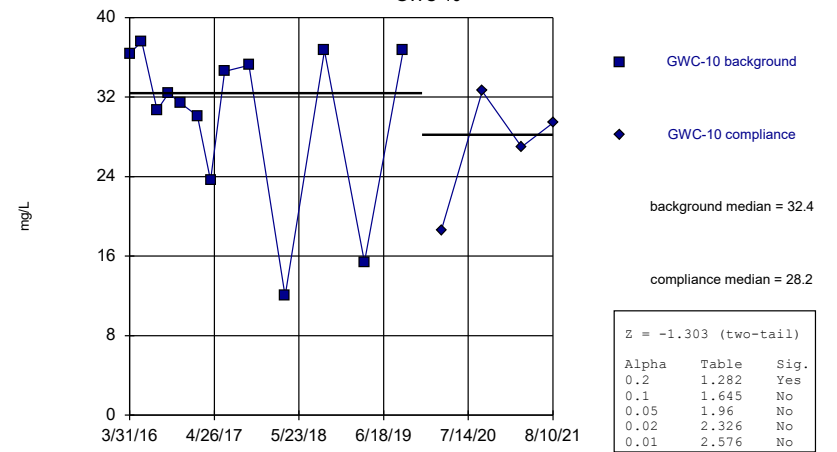
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-50R (bg)



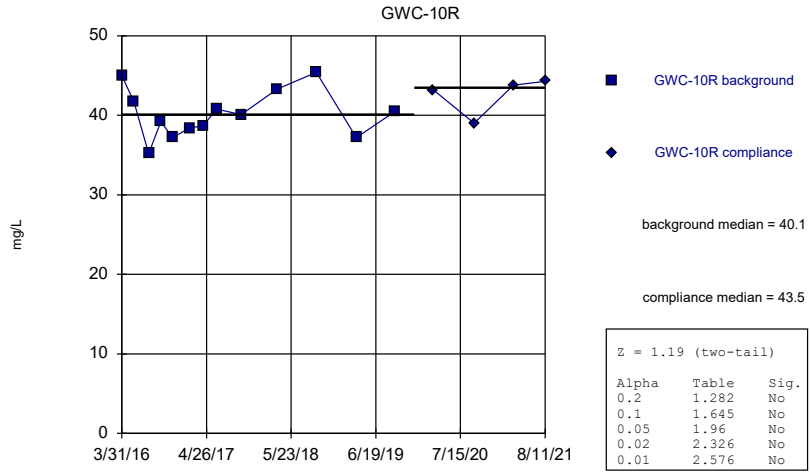
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-10



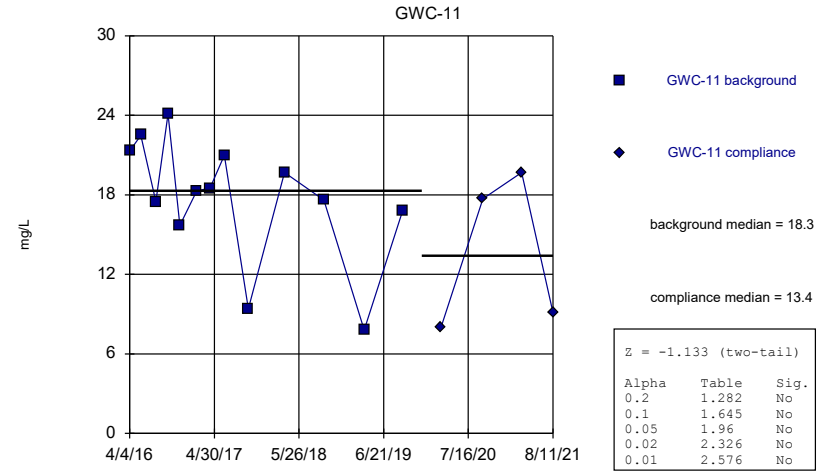
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



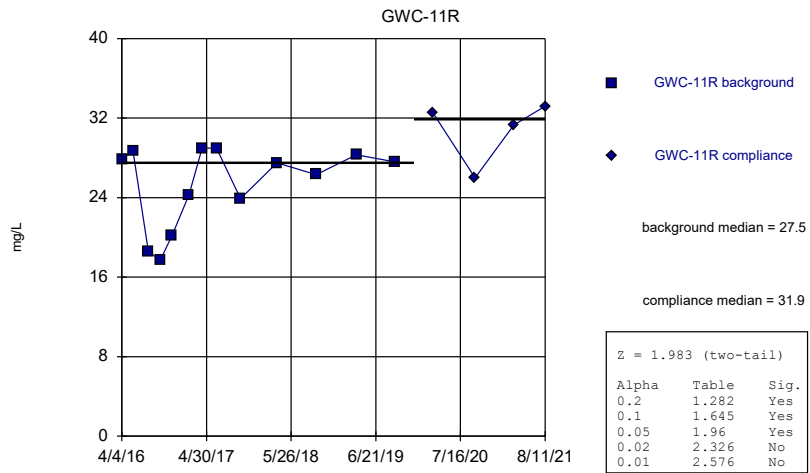
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



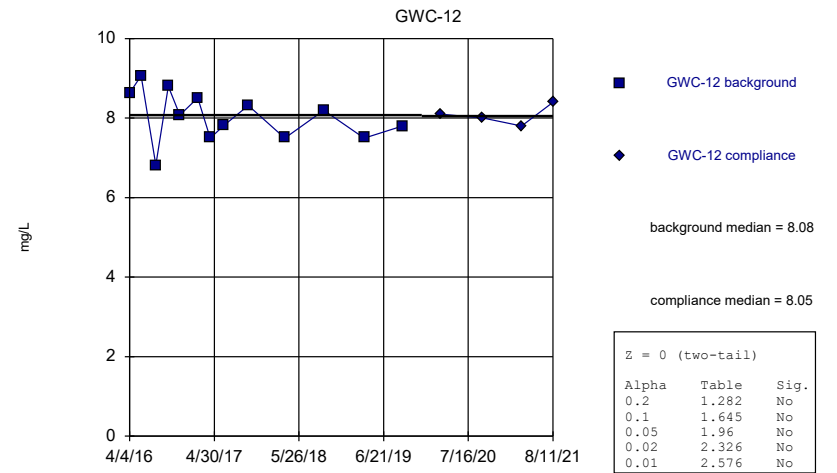
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

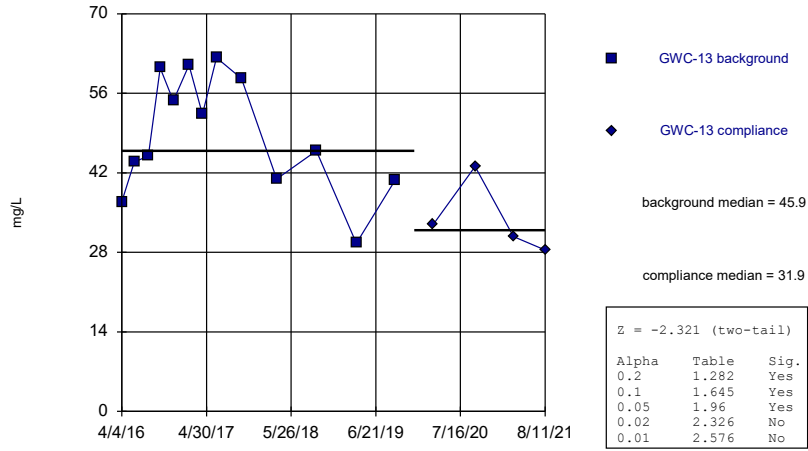
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

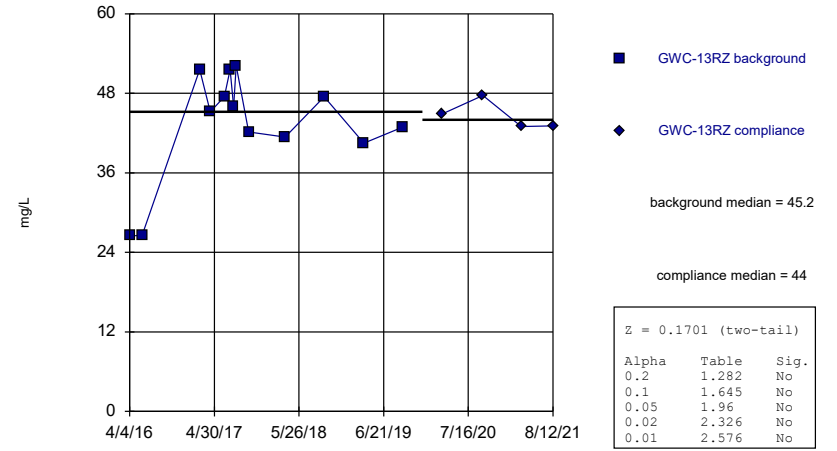
GWC-13



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

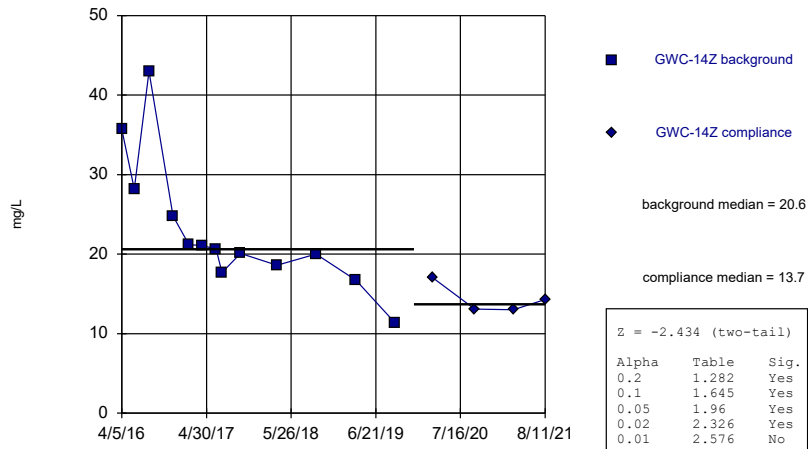
GWC-13RZ



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

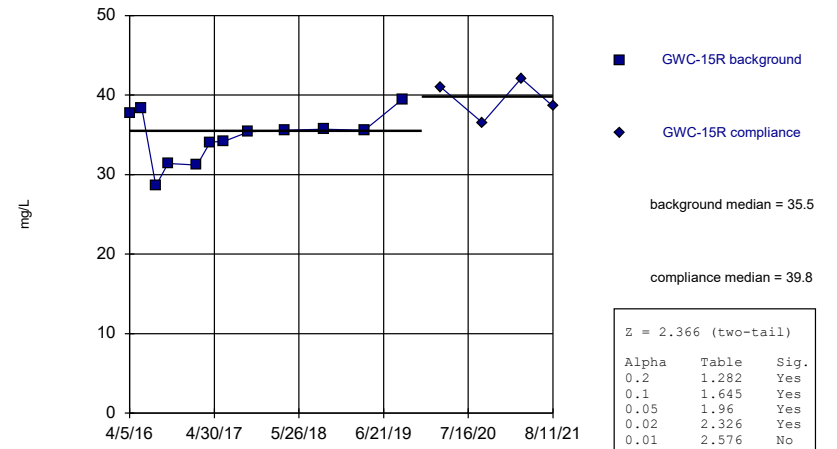
GWC-14Z



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

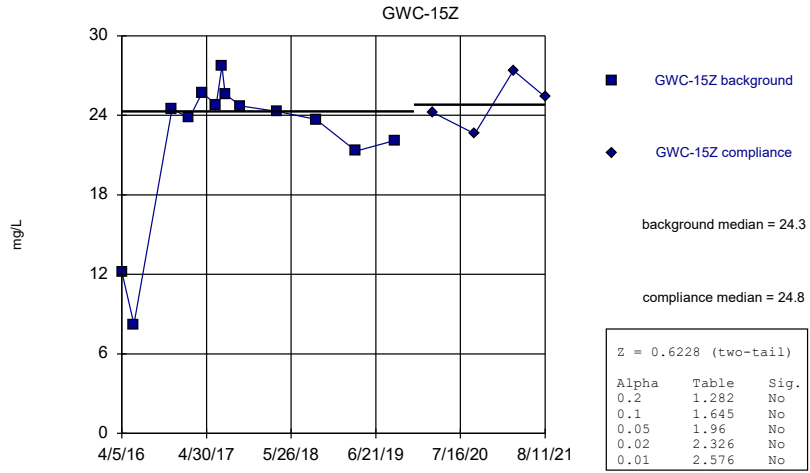
Mann-Whitney (Wilcoxon Rank Sum)

GWC-15R



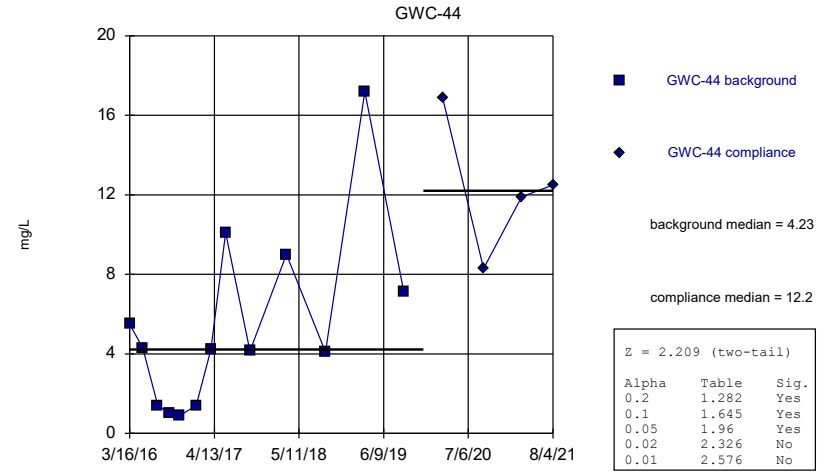
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



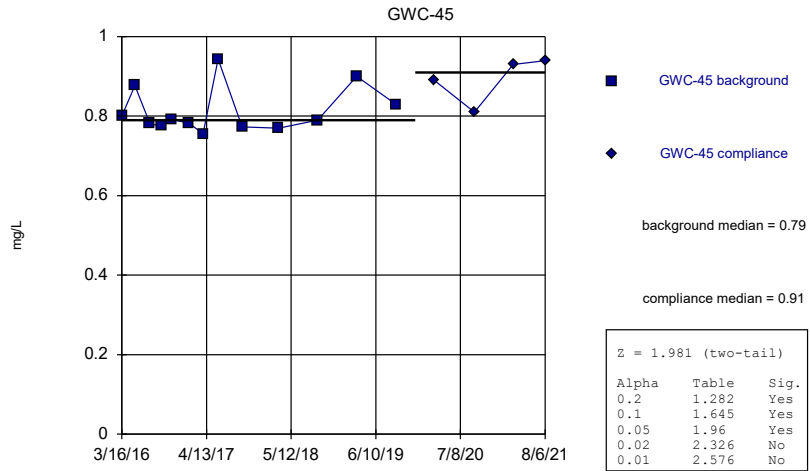
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



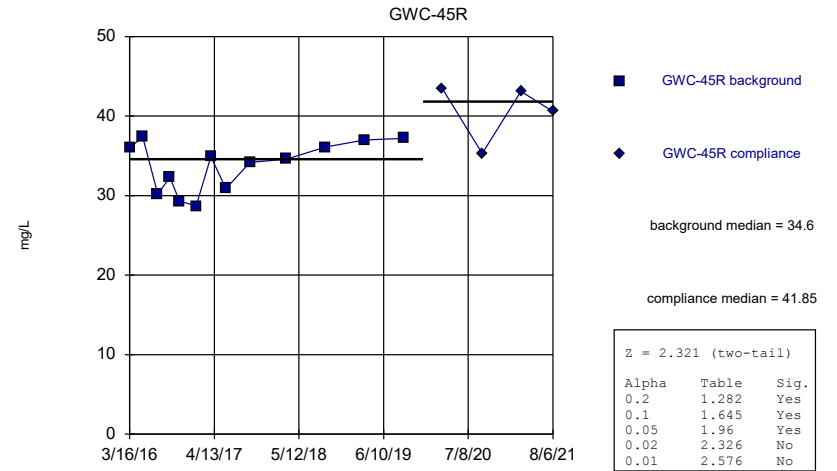
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

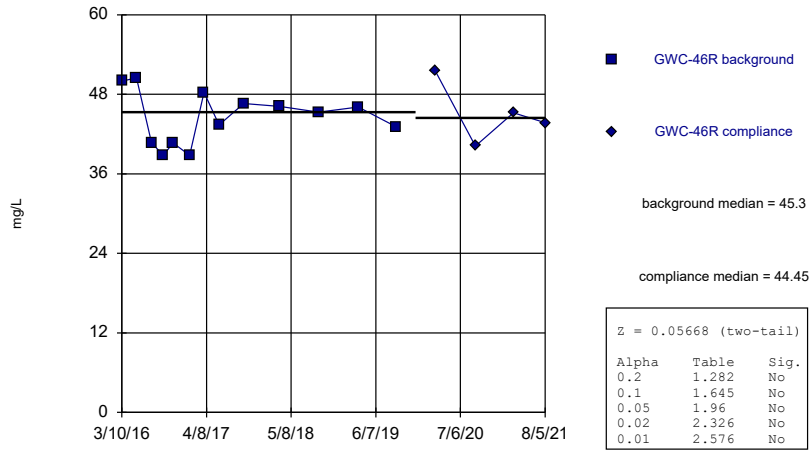
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

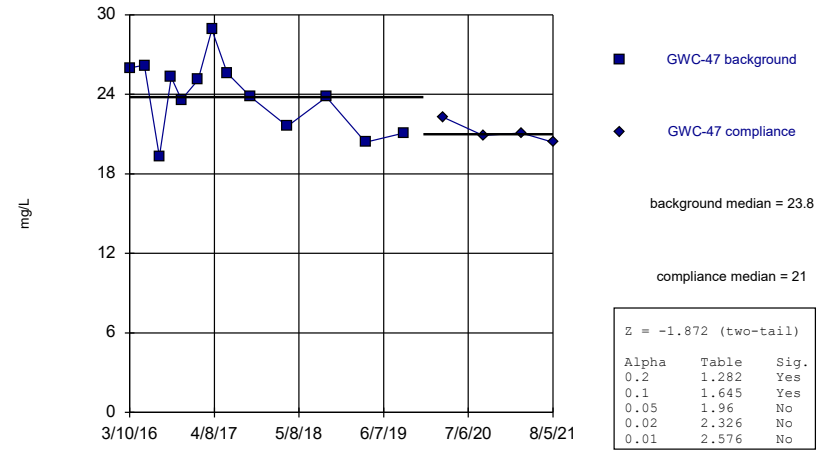
GWC-46R



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

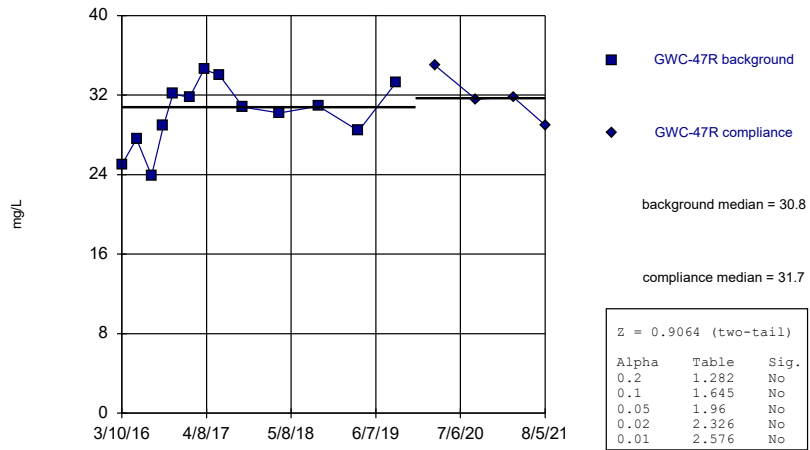
GWC-47



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

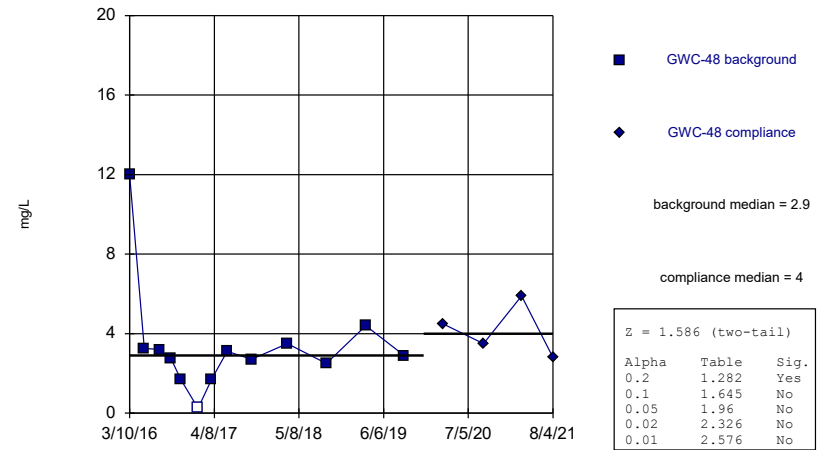
GWC-47R



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

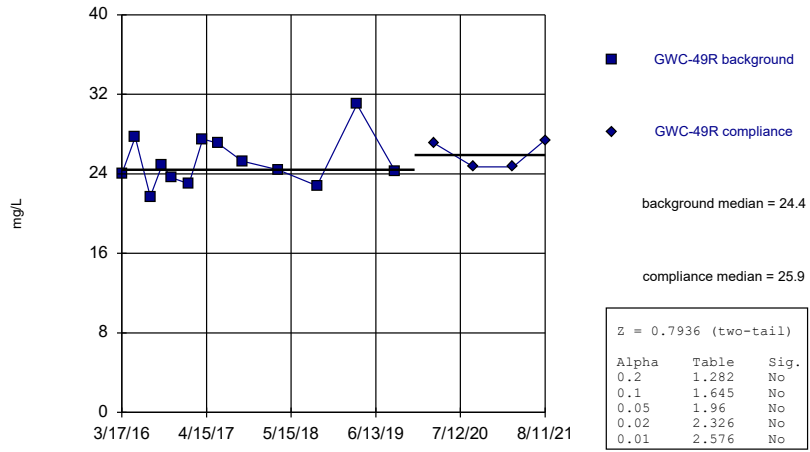
GWC-48



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

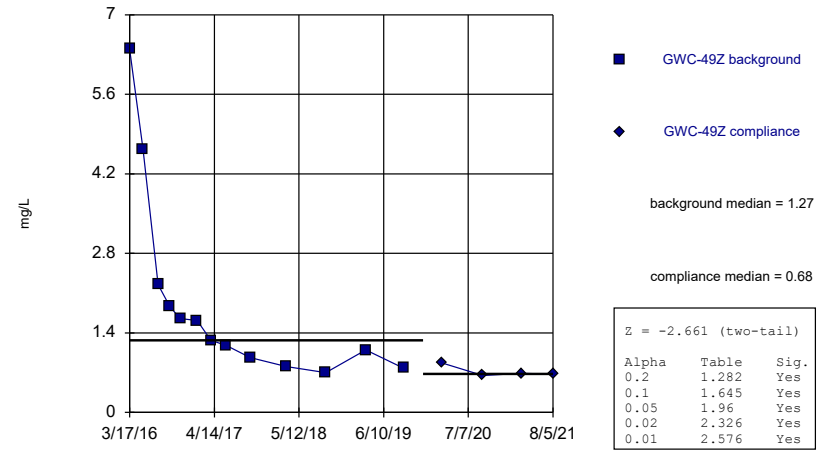
GWC-49R



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

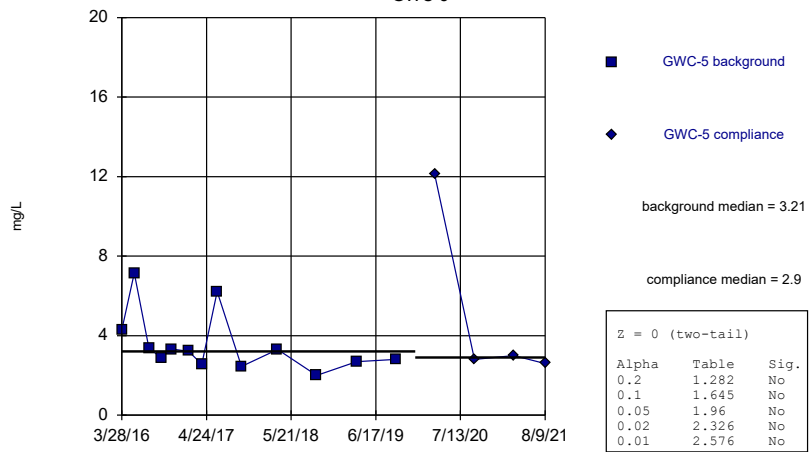
GWC-49Z



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

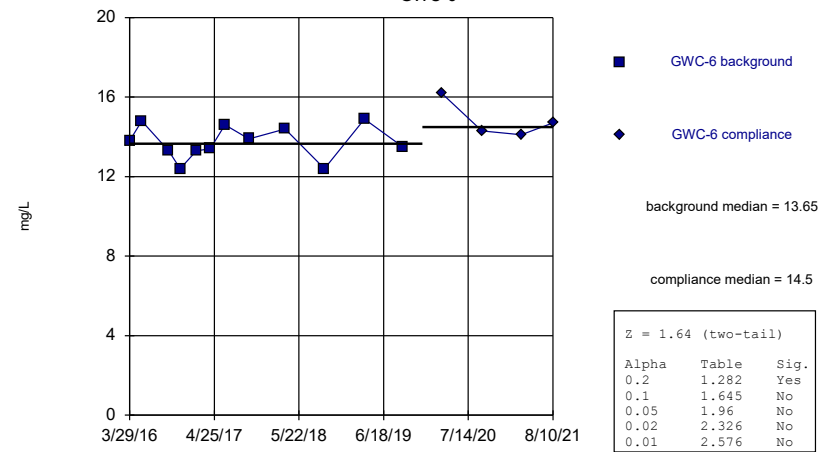
GWC-5



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

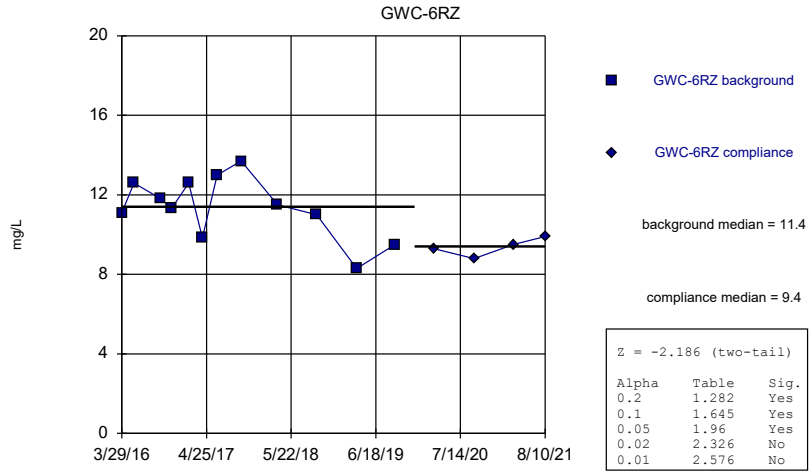
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



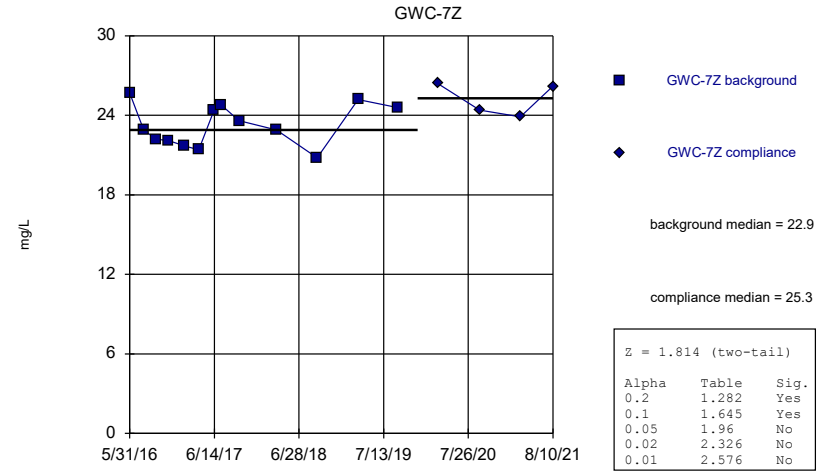
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



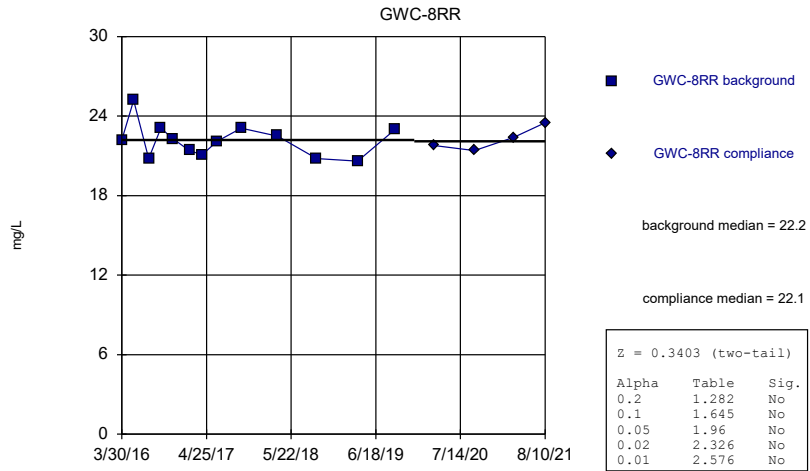
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



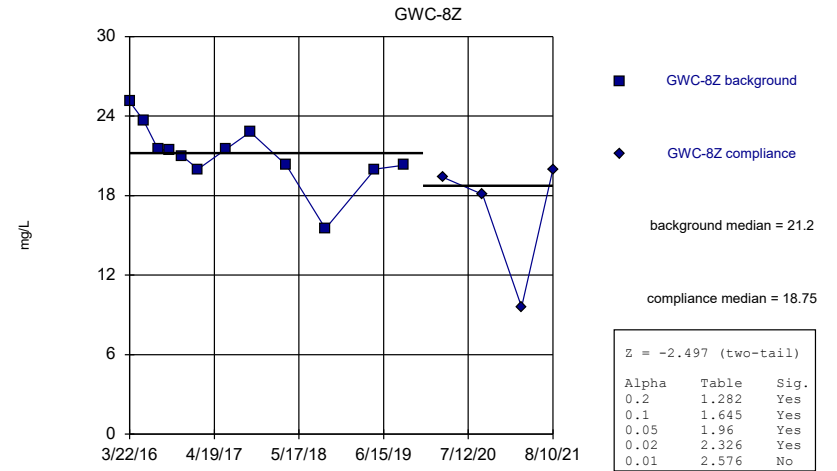
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



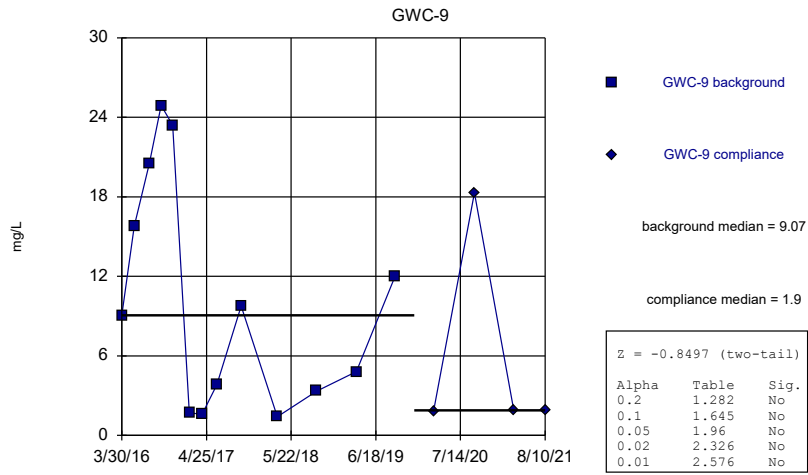
Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

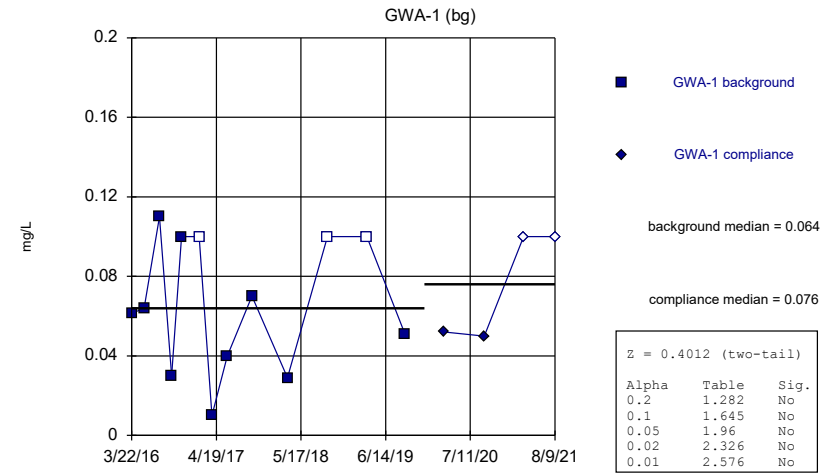
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Calcium, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

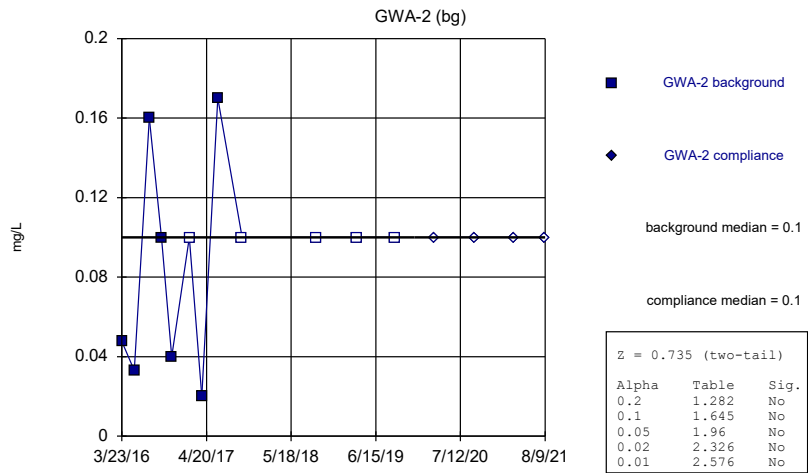
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Fluoride, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

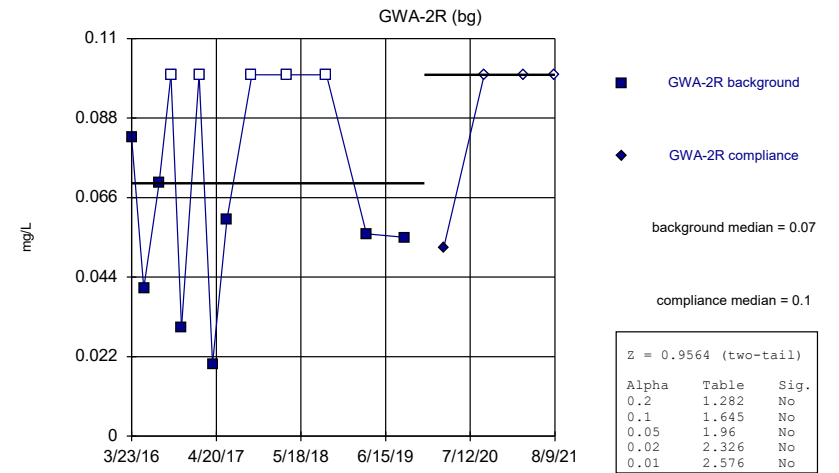
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Fluoride, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

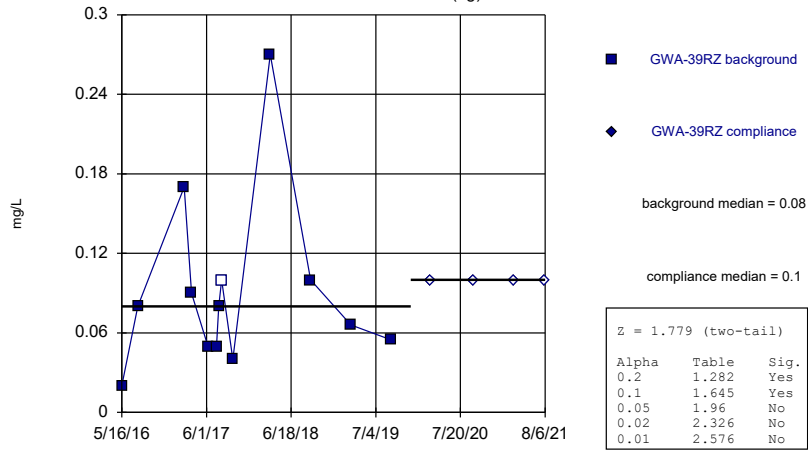
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Fluoride, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

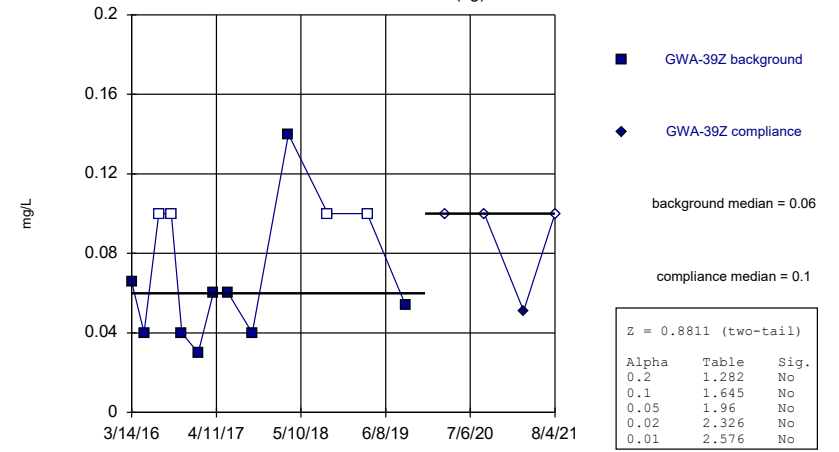
GWA-39RZ (bg)



Constituent: Fluoride, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

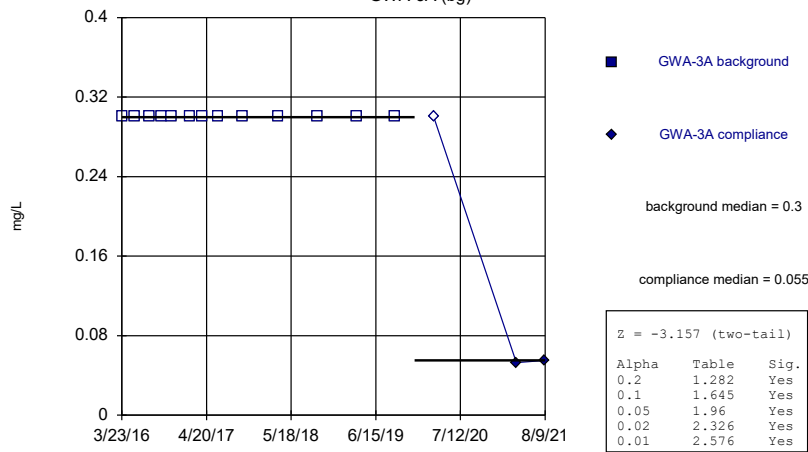
GWA-39Z (bg)



Constituent: Fluoride, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

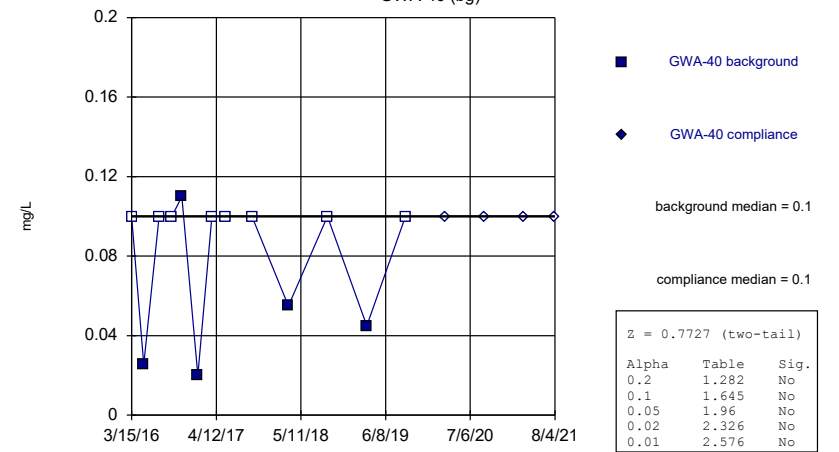
GWA-3A (bg)



Constituent: Fluoride, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

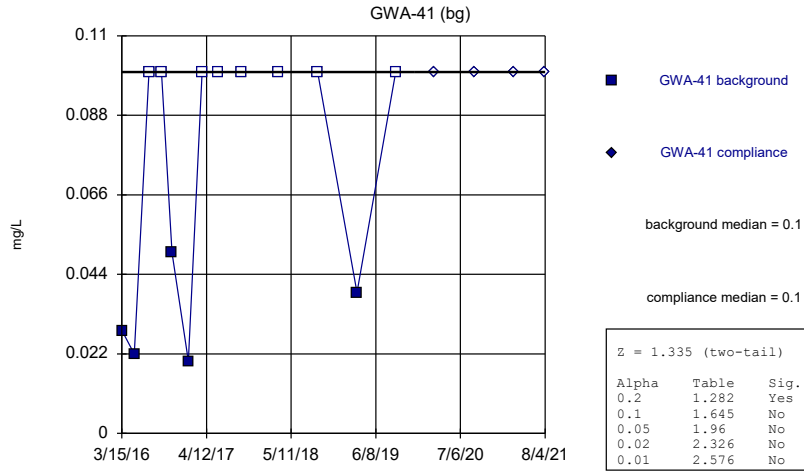
Mann-Whitney (Wilcoxon Rank Sum)

GWA-40 (bg)



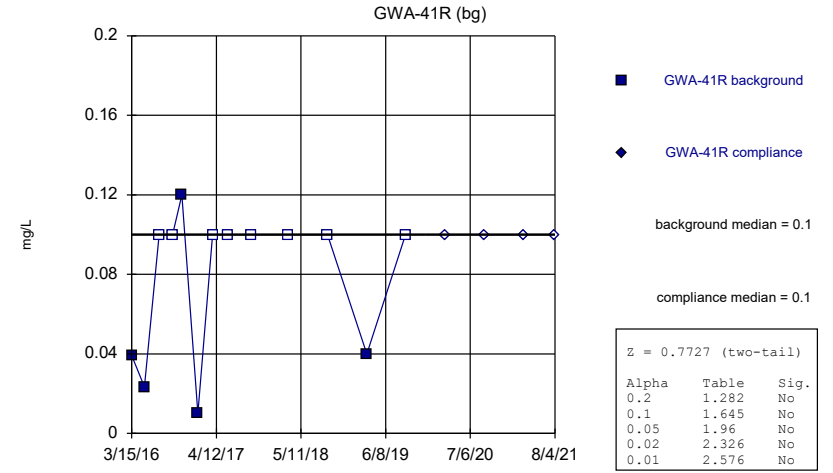
Constituent: Fluoride, total Analysis Run 4/1/2022 5:47 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



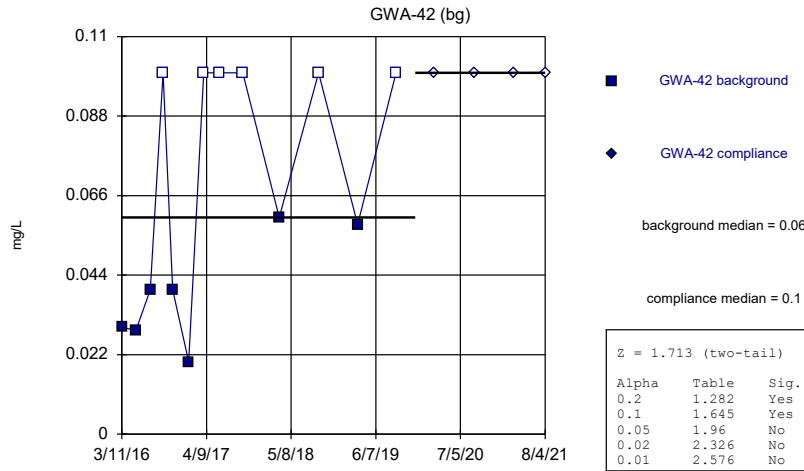
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



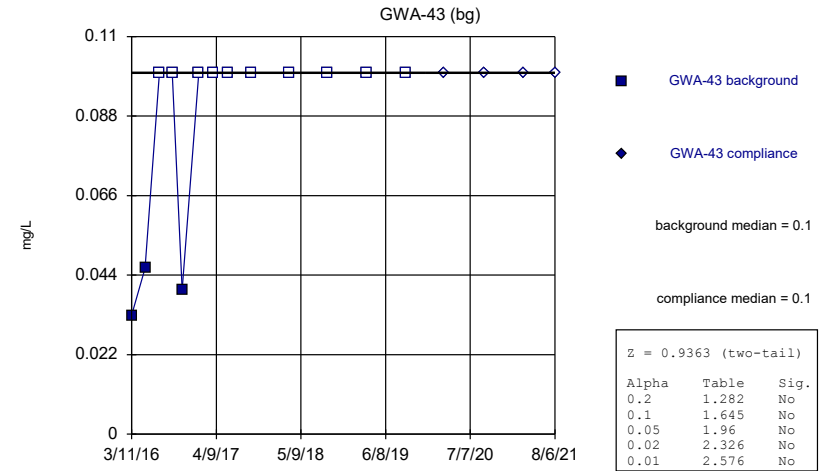
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



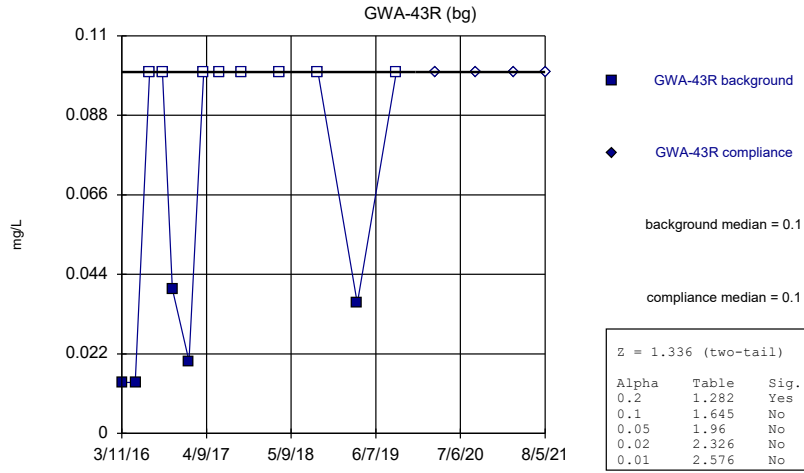
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



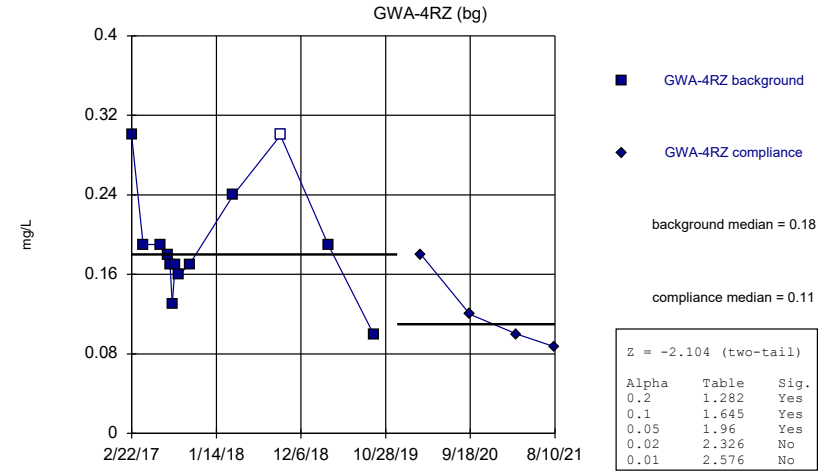
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



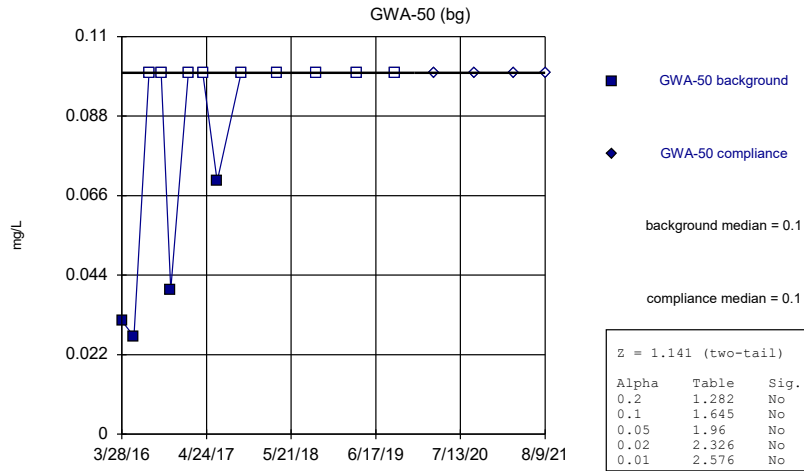
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



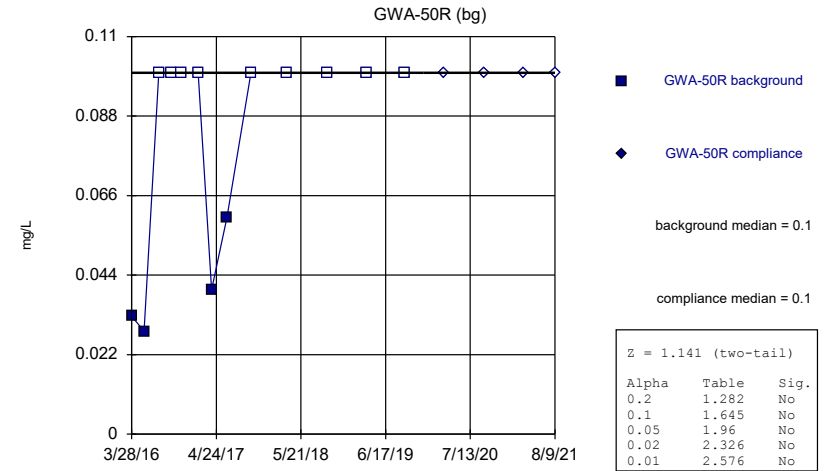
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



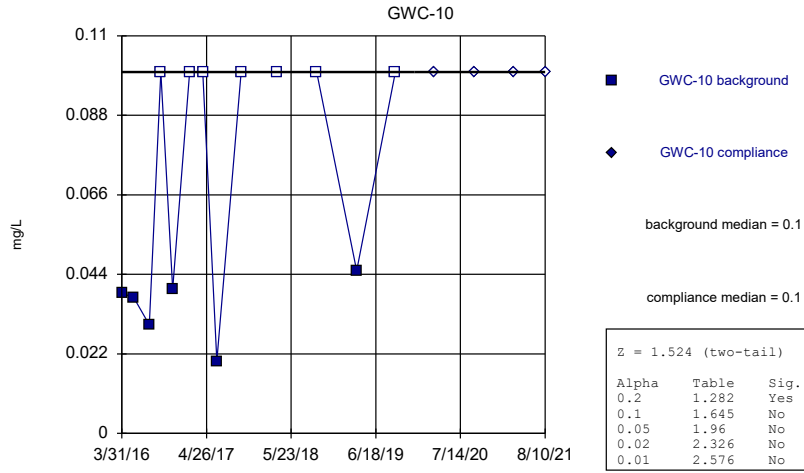
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



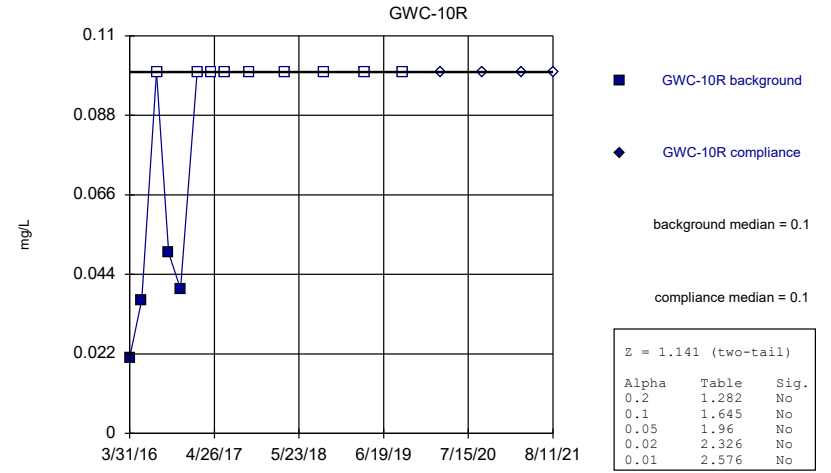
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



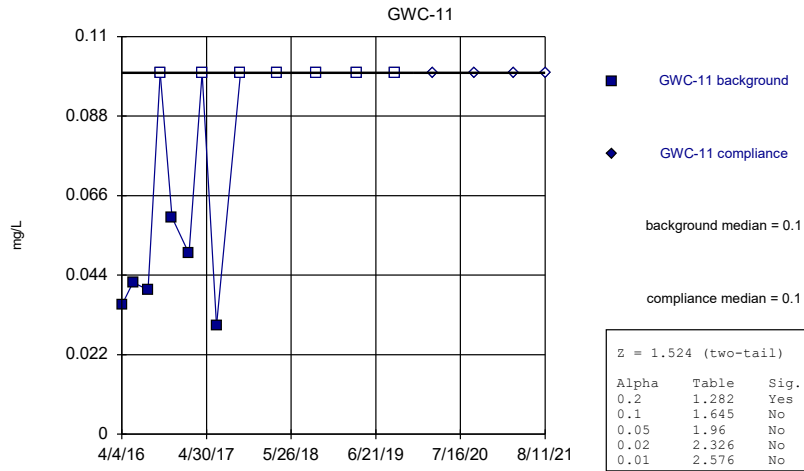
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



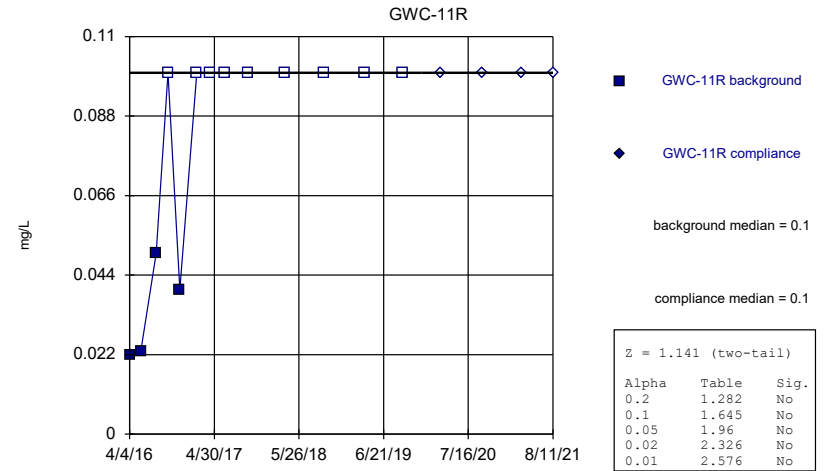
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



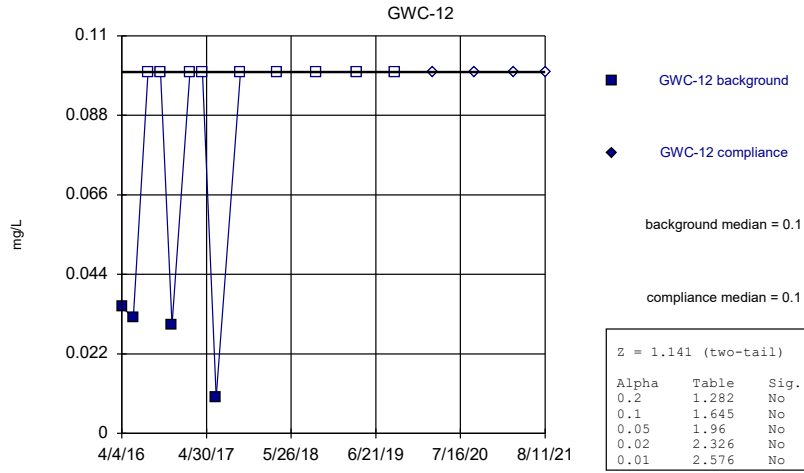
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



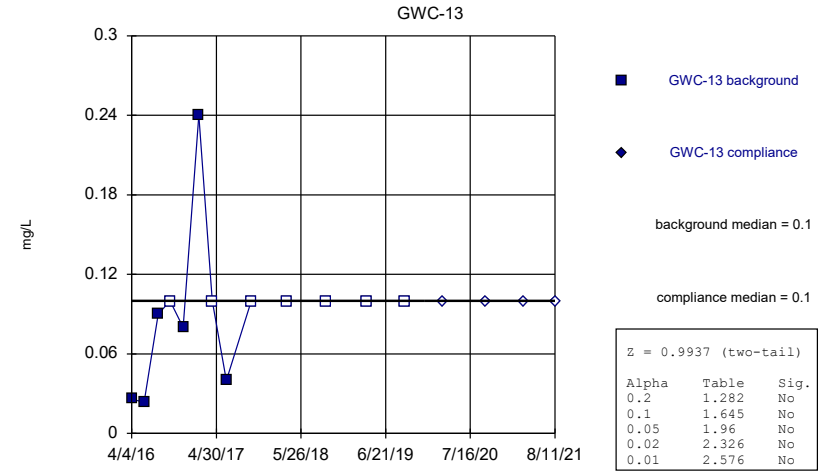
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



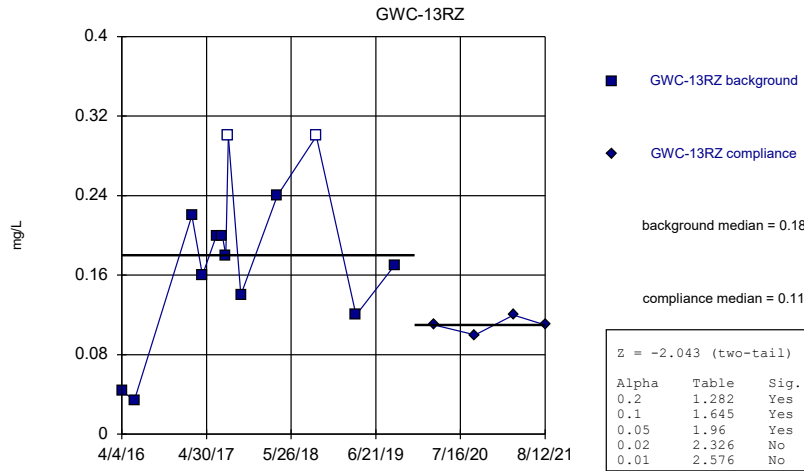
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



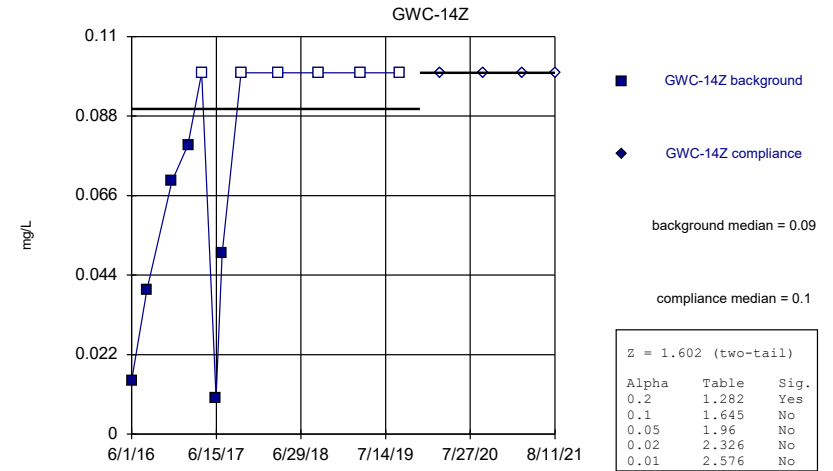
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



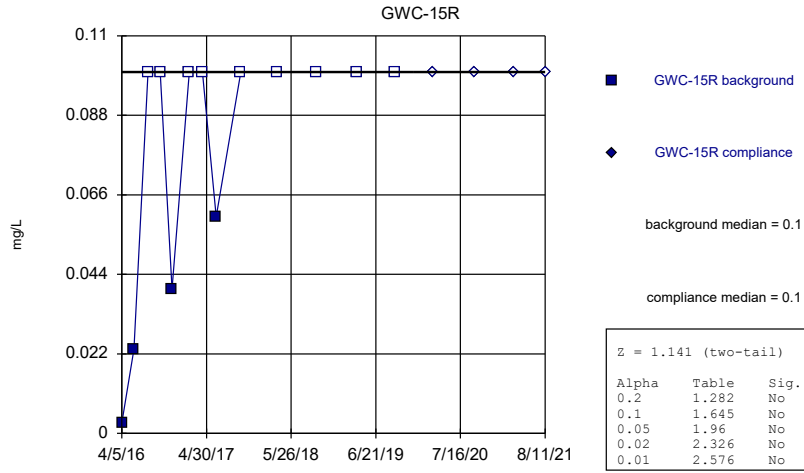
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



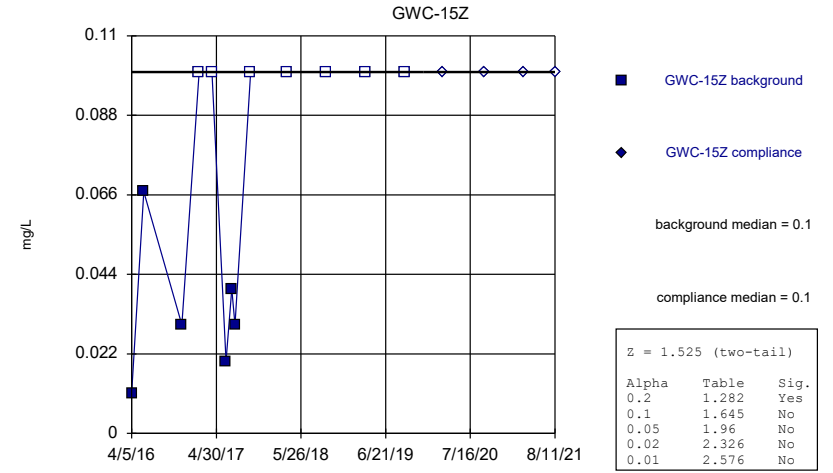
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



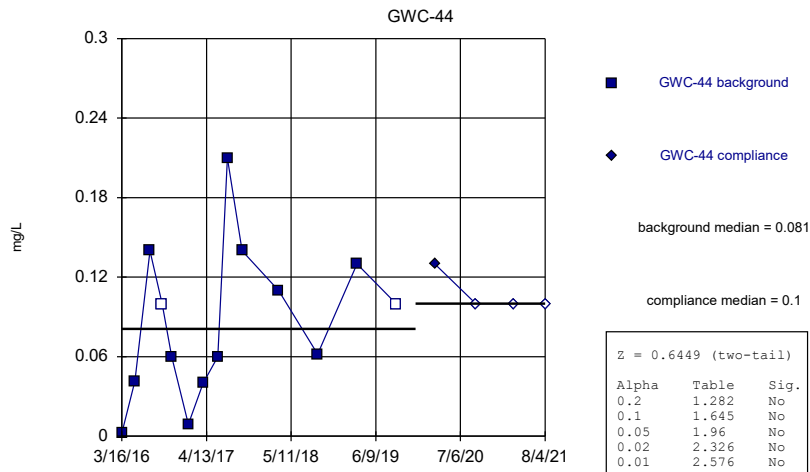
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



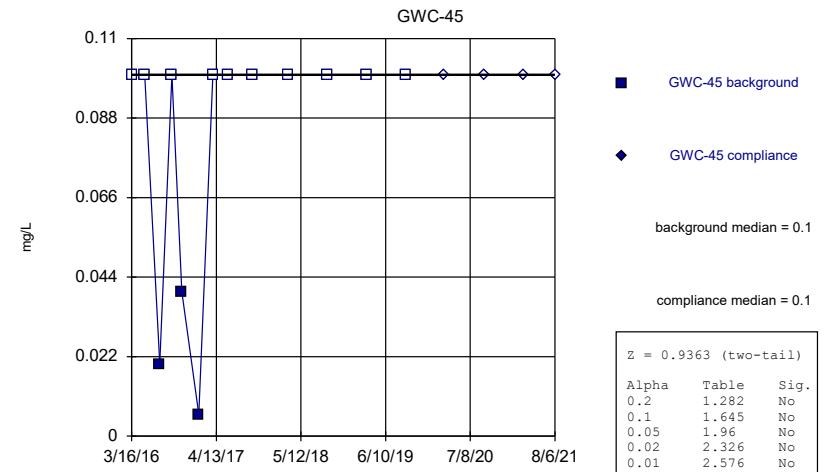
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



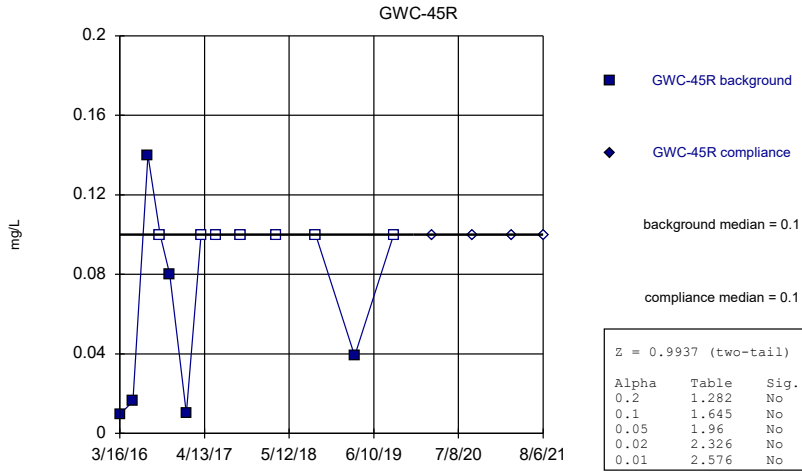
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



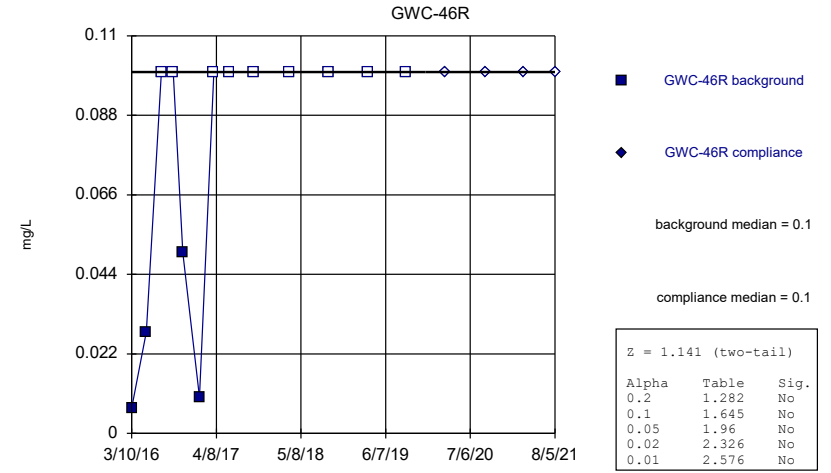
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



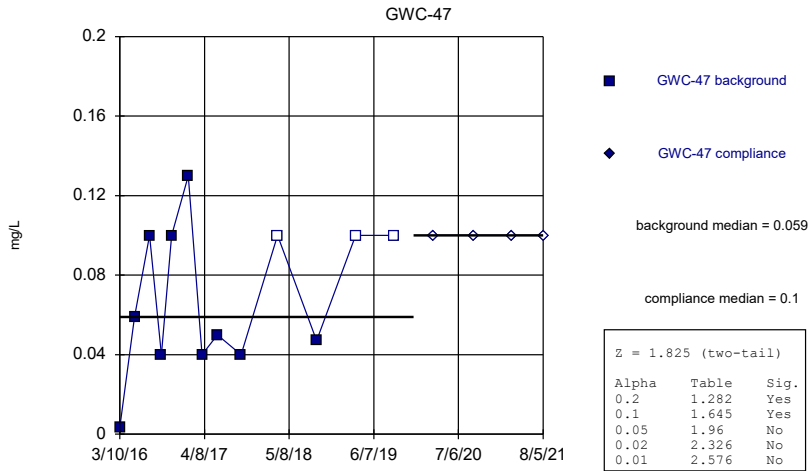
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



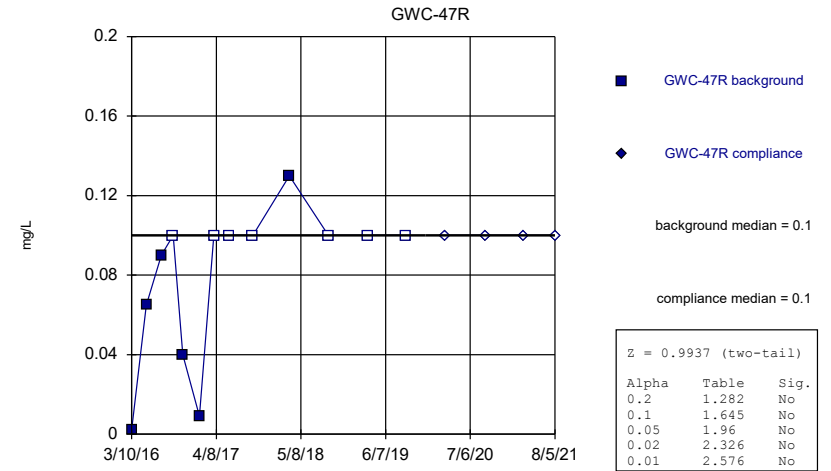
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



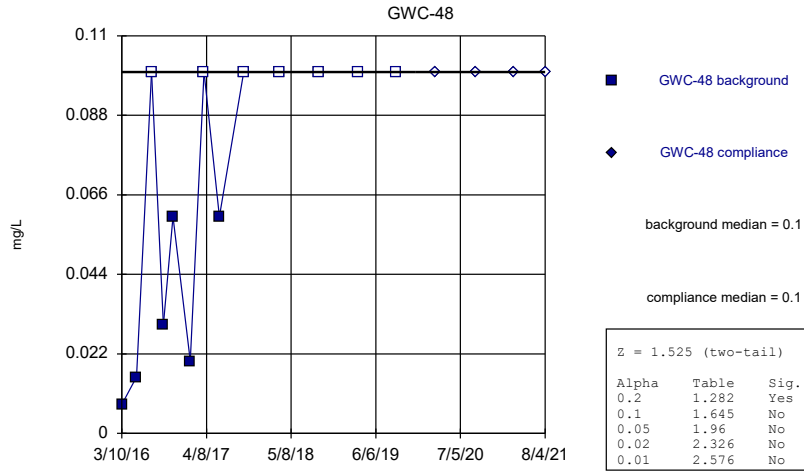
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



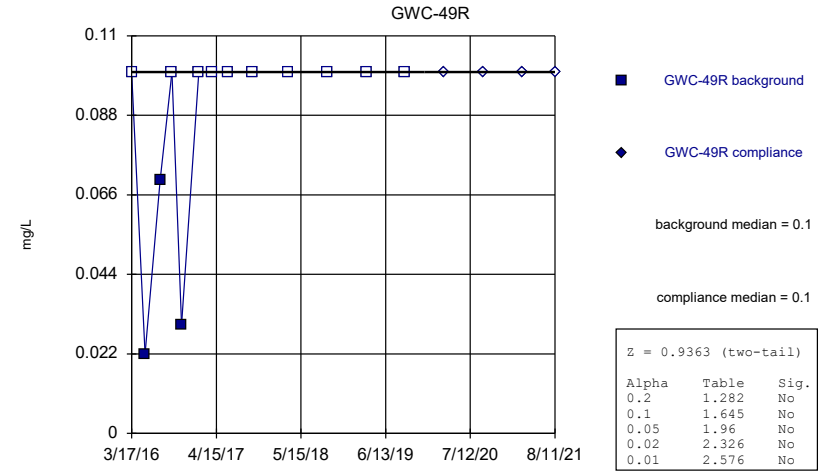
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



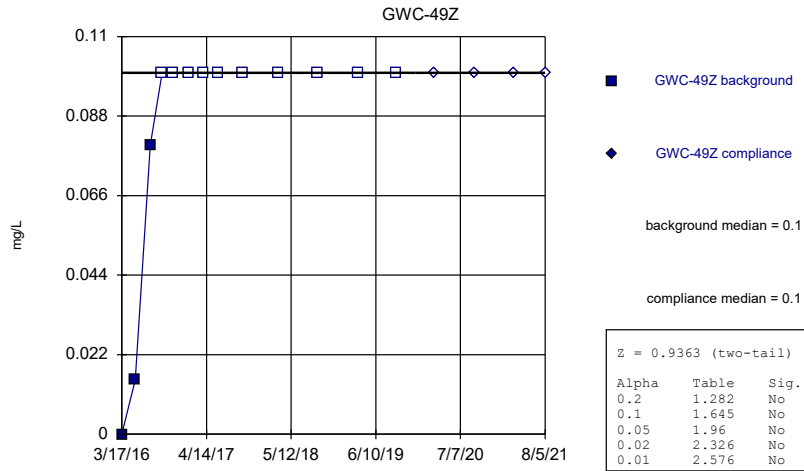
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



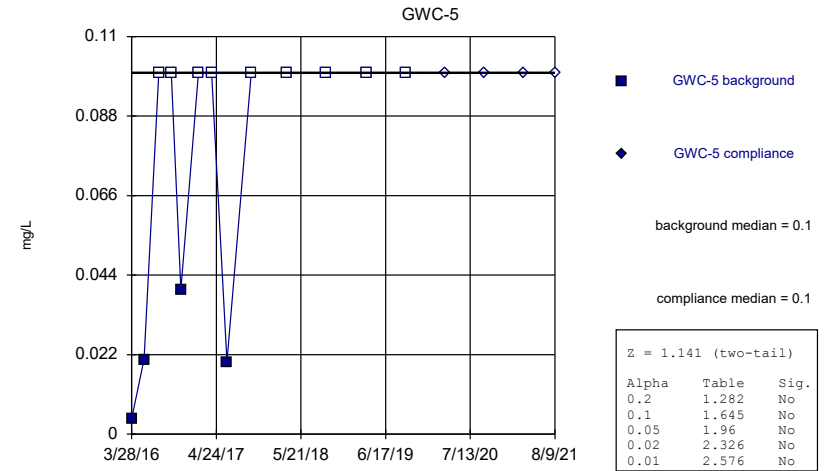
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



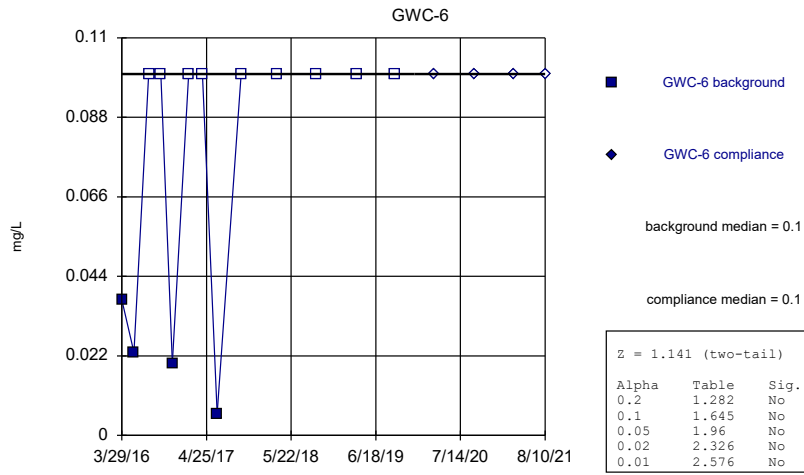
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



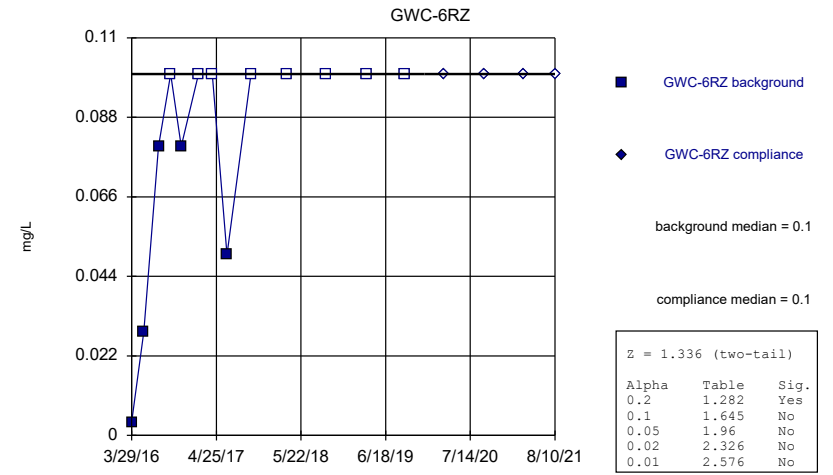
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



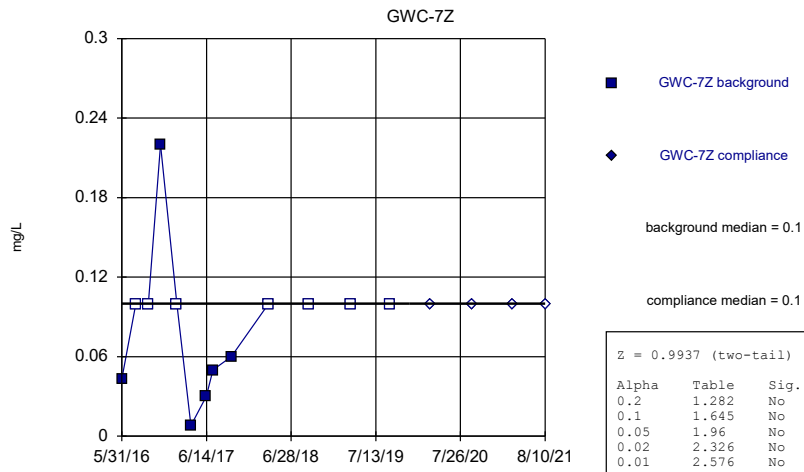
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



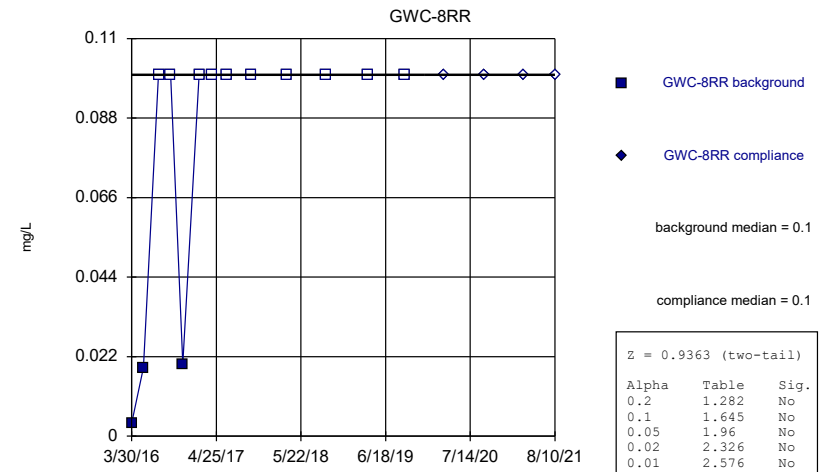
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



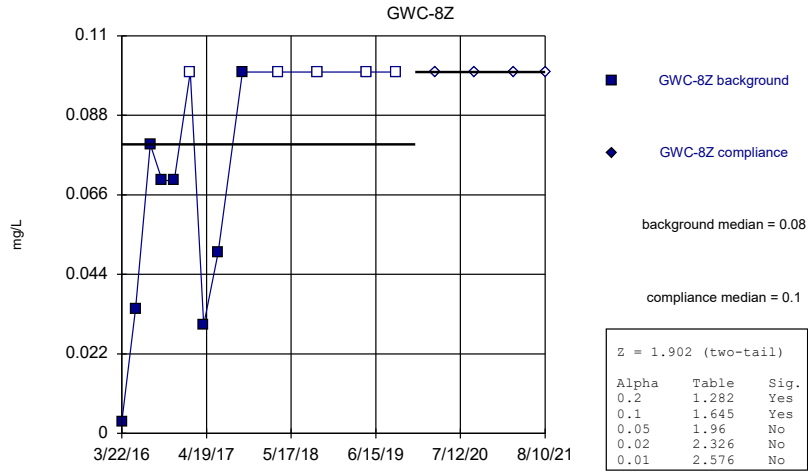
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



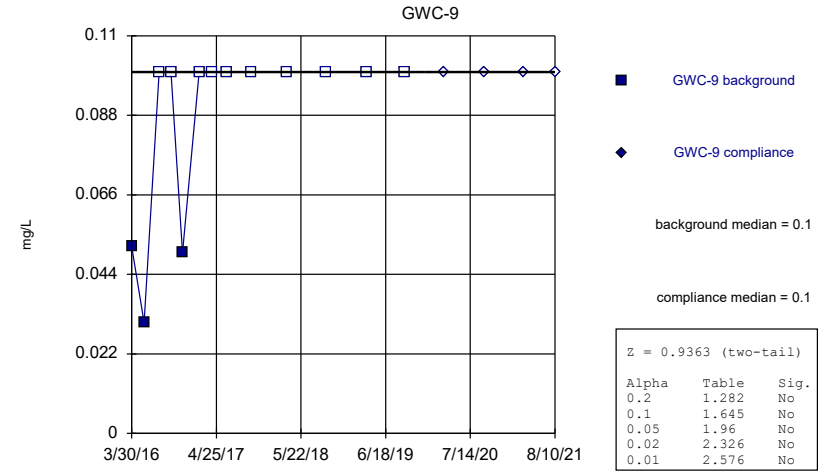
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



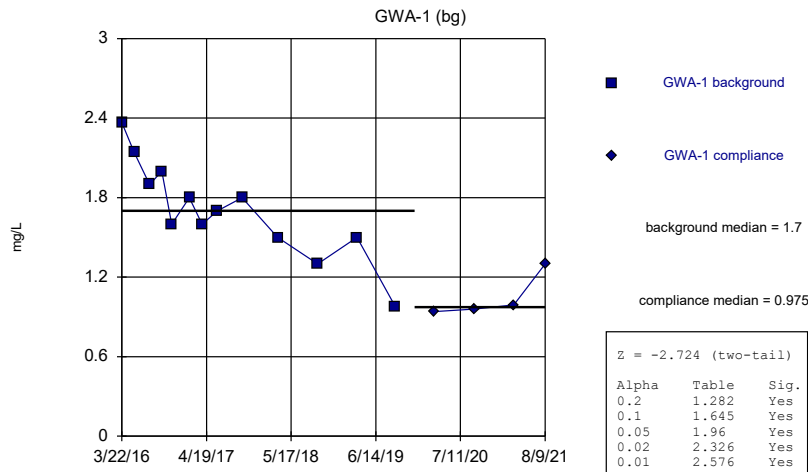
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



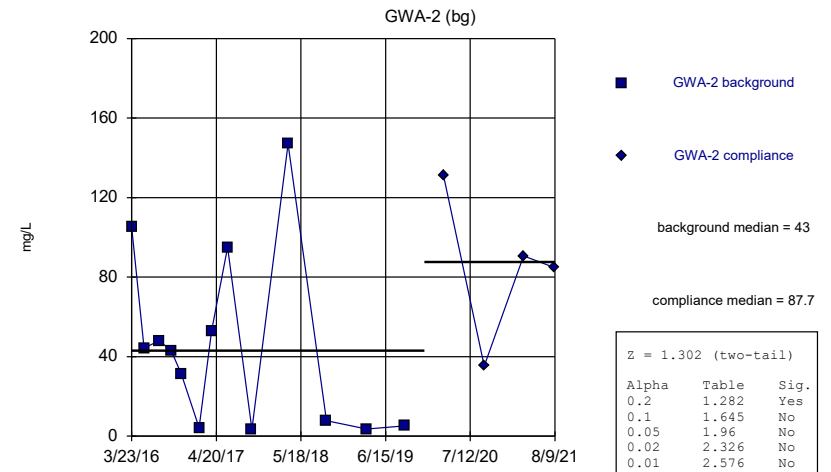
Constituent: Fluoride, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



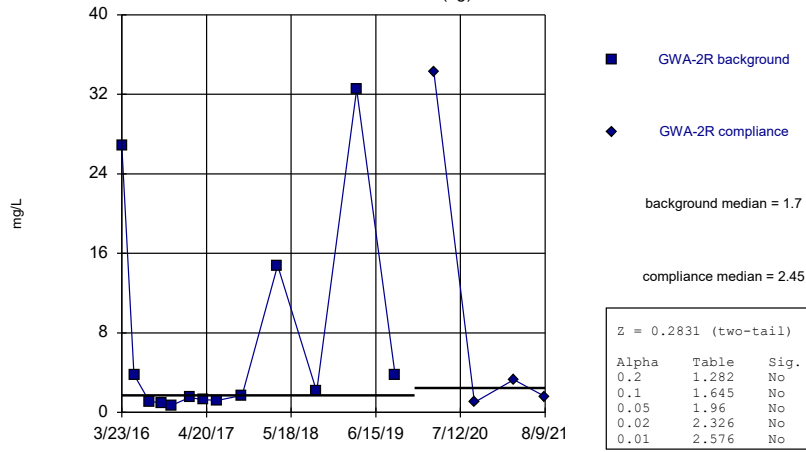
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



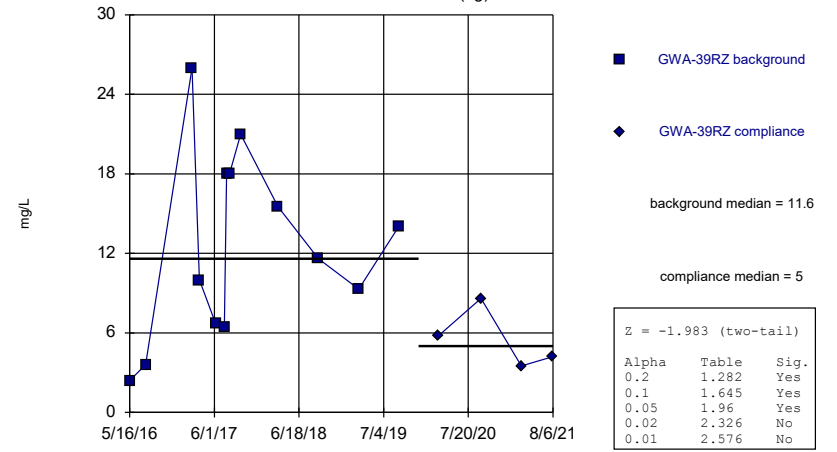
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-2R (bg)



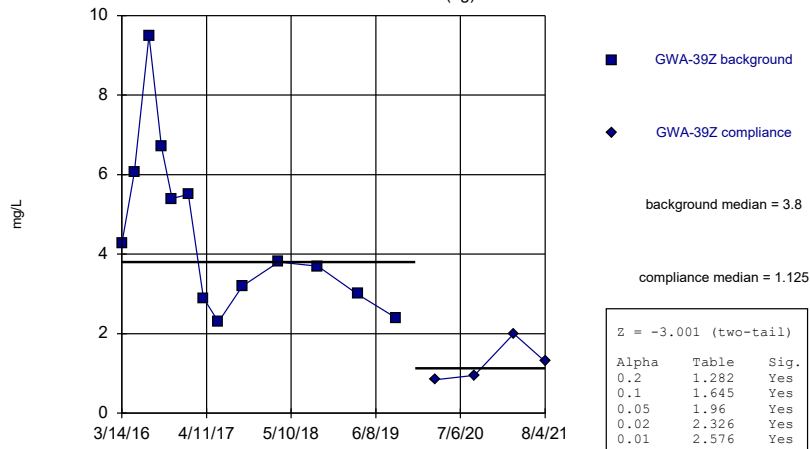
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-39RZ (bg)



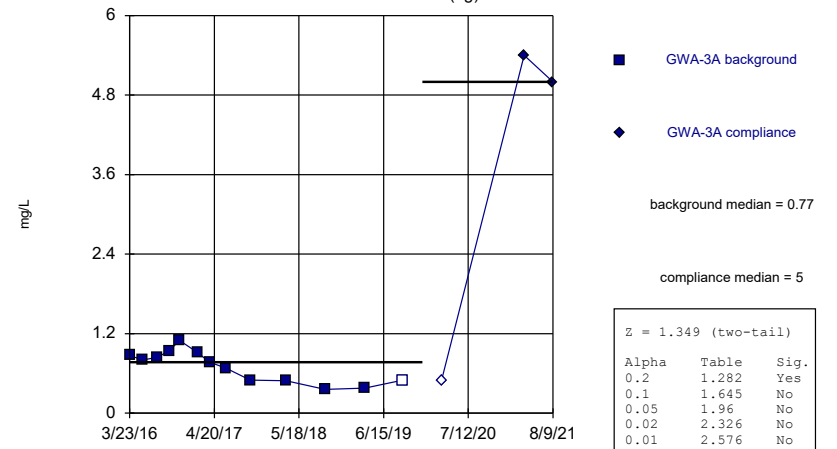
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWA-39Z (bg)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

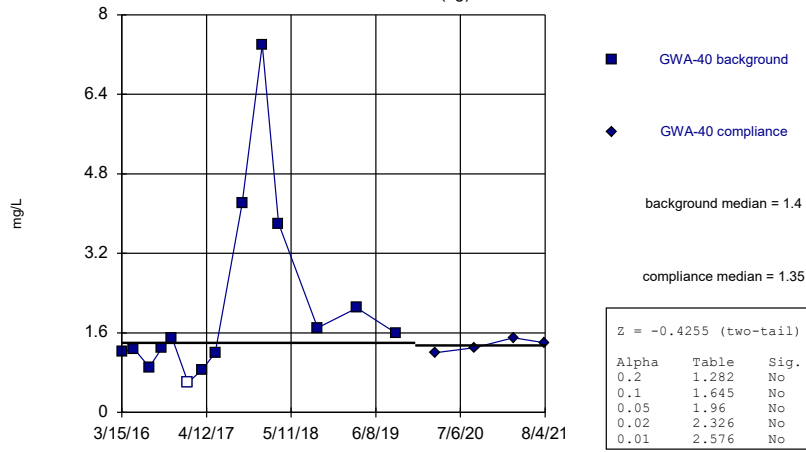
Mann-Whitney (Wilcoxon Rank Sum)
GWA-3A (bg)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

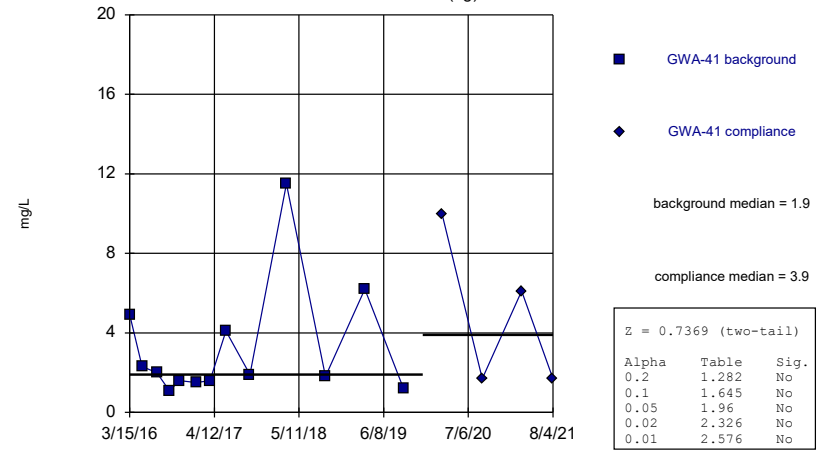
GWA-40 (bg)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

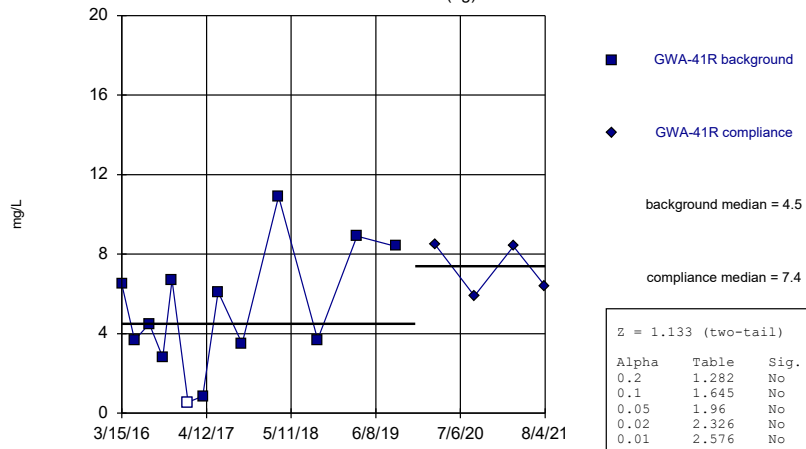
GWA-41 (bg)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

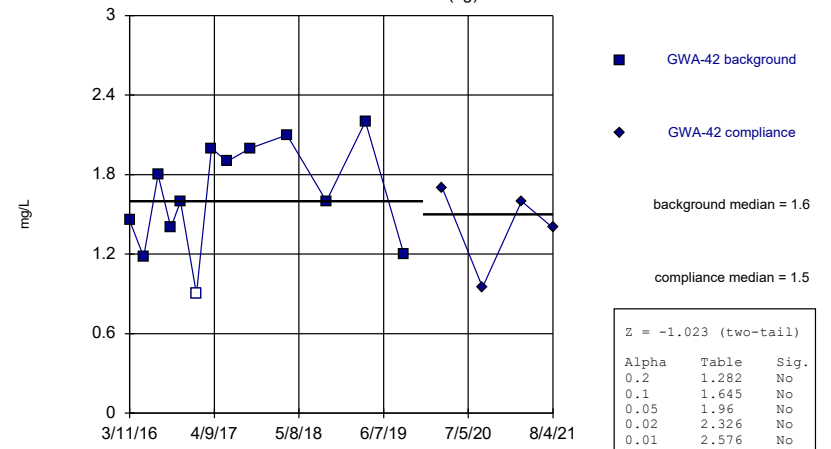
GWA-41R (bg)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

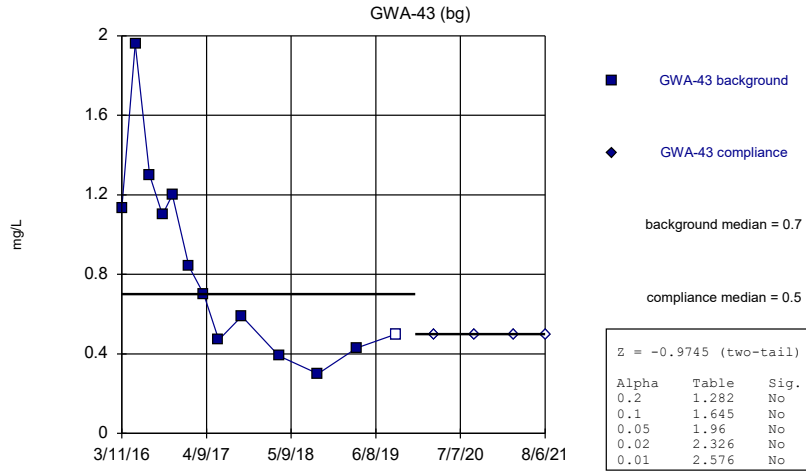
Mann-Whitney (Wilcoxon Rank Sum)

GWA-42 (bg)



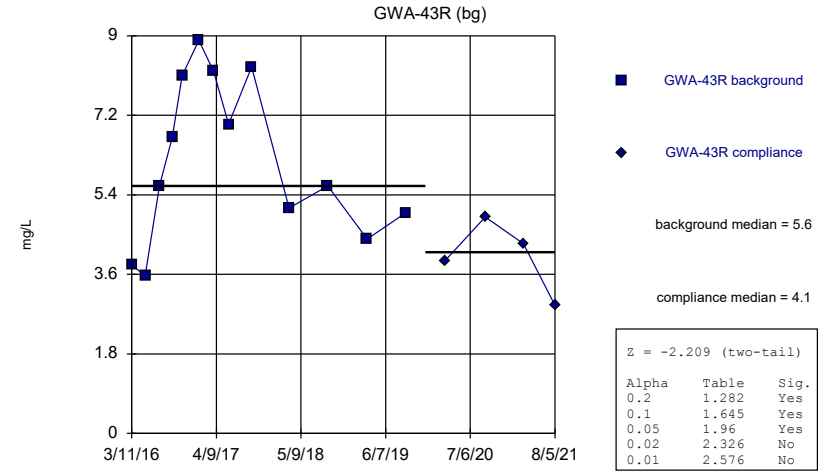
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



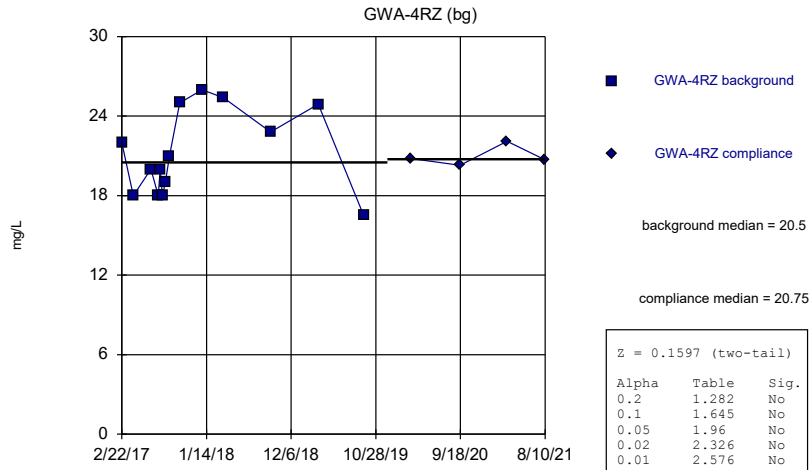
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



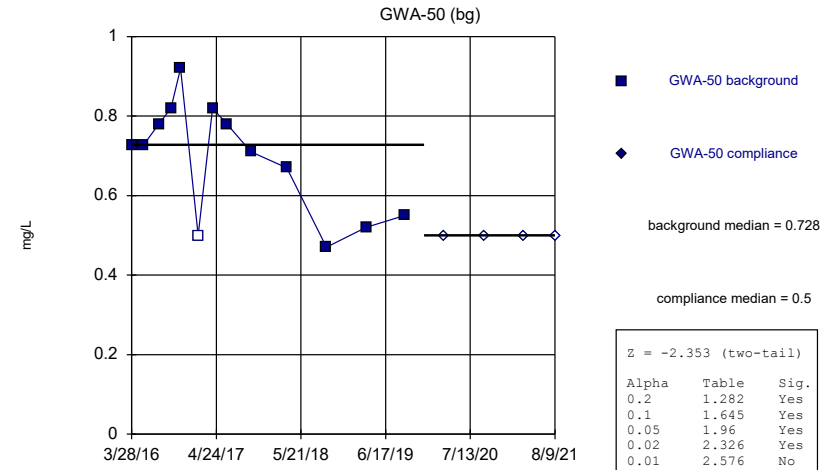
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



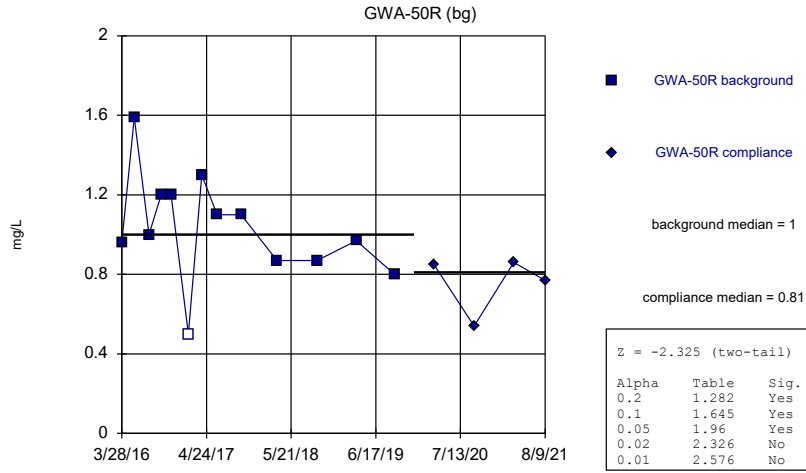
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



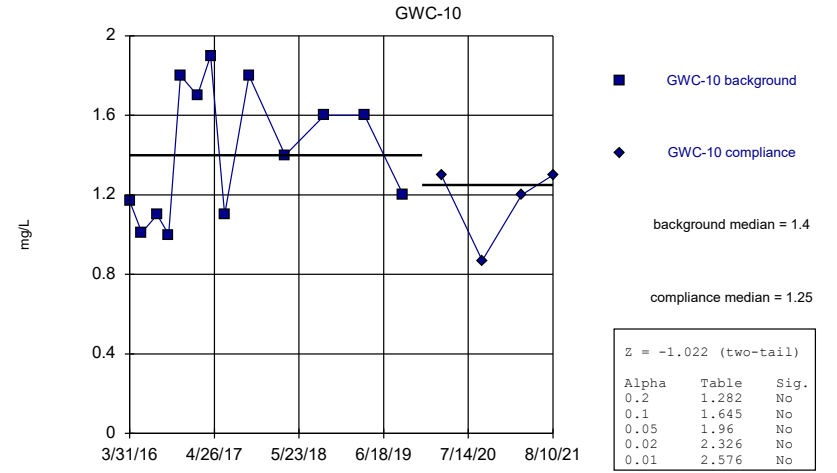
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



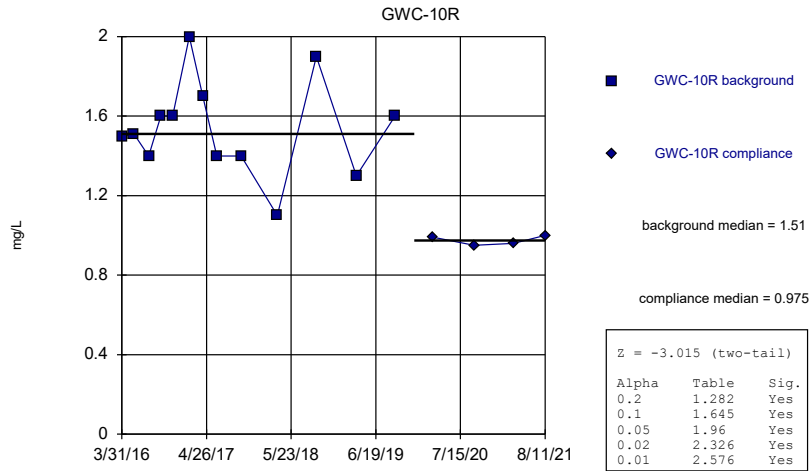
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



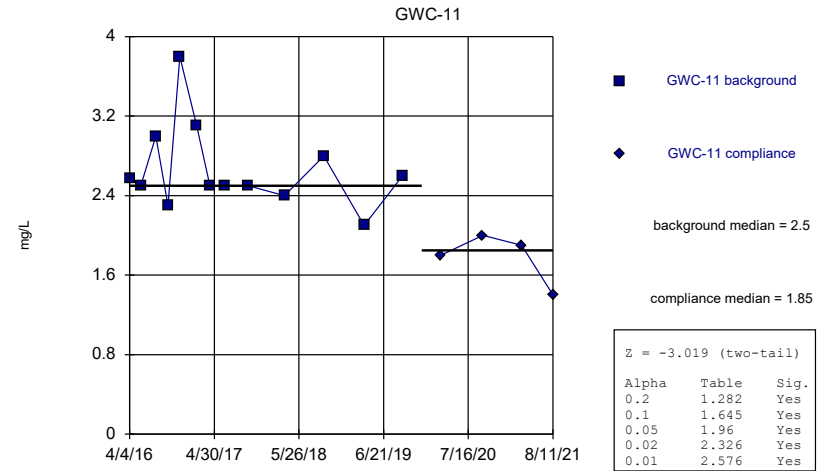
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

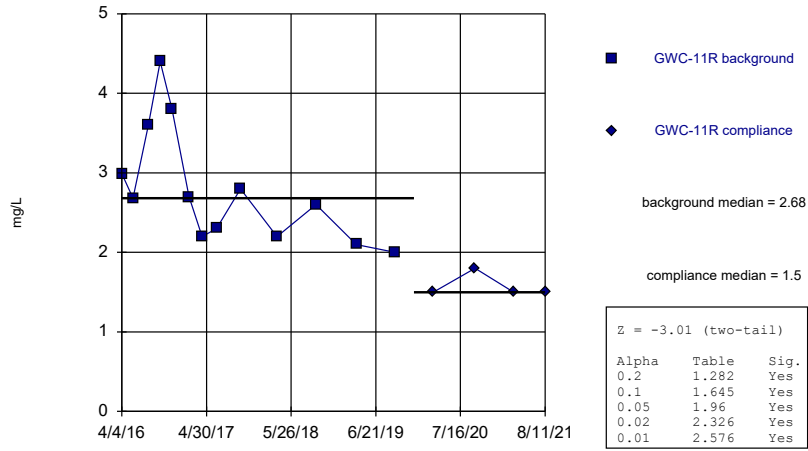
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11R

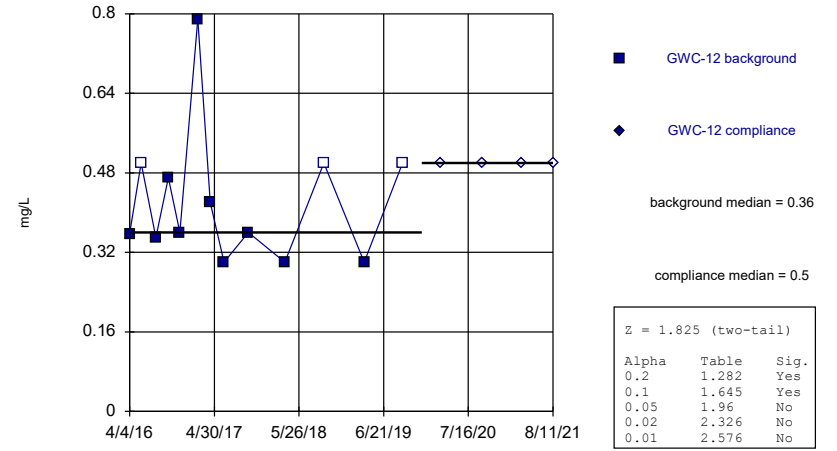


Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

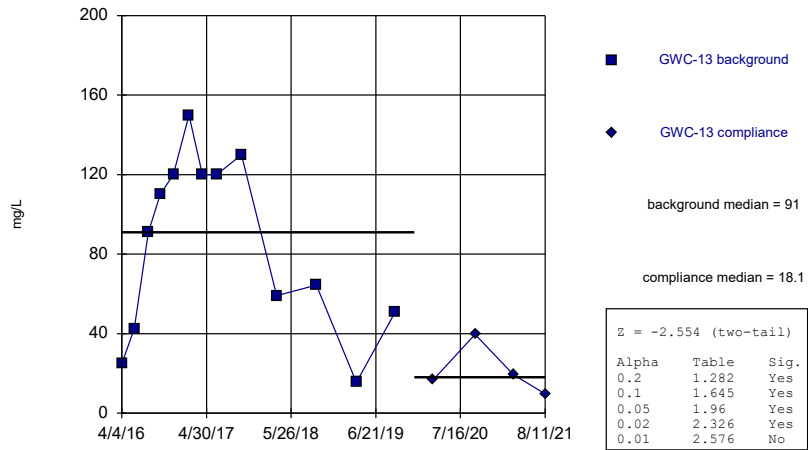
GWC-12



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

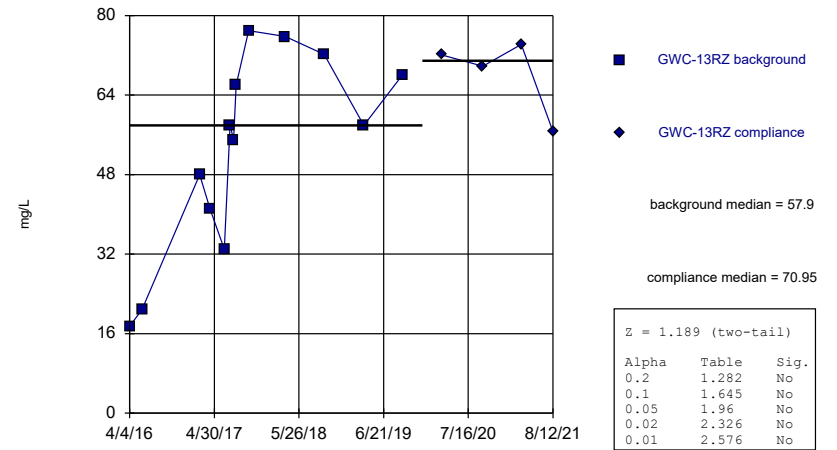
GWC-13



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

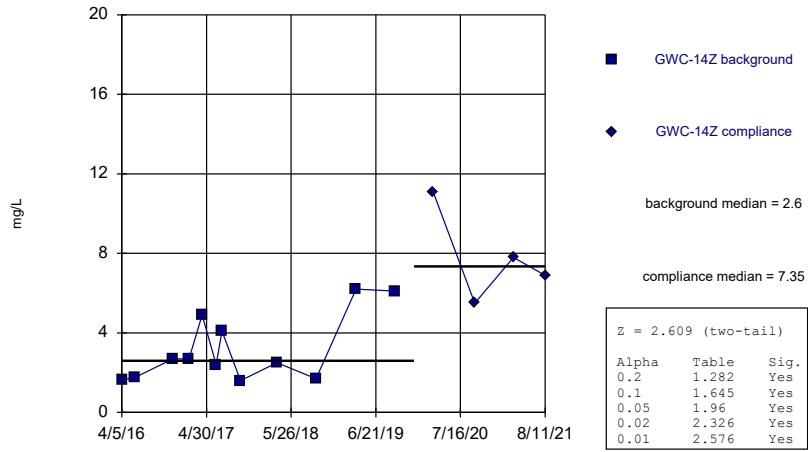
Mann-Whitney (Wilcoxon Rank Sum)

GWC-13RZ



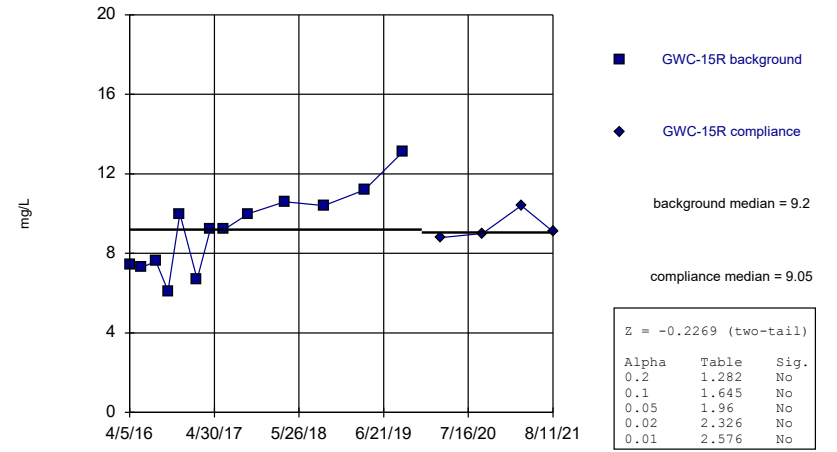
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-14Z



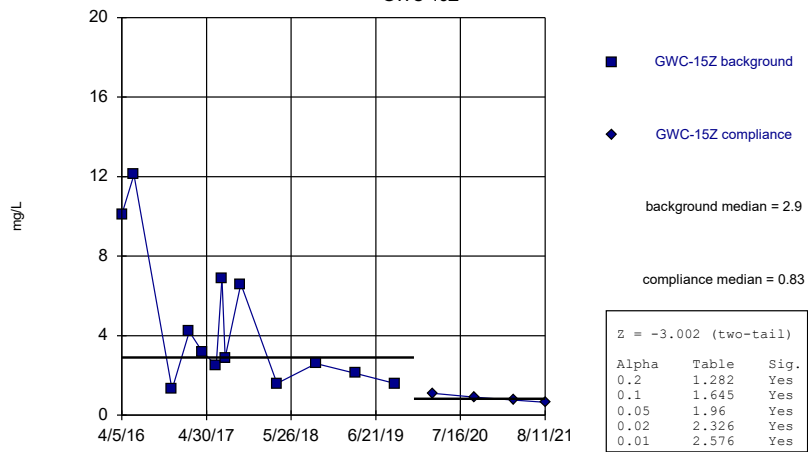
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-15R



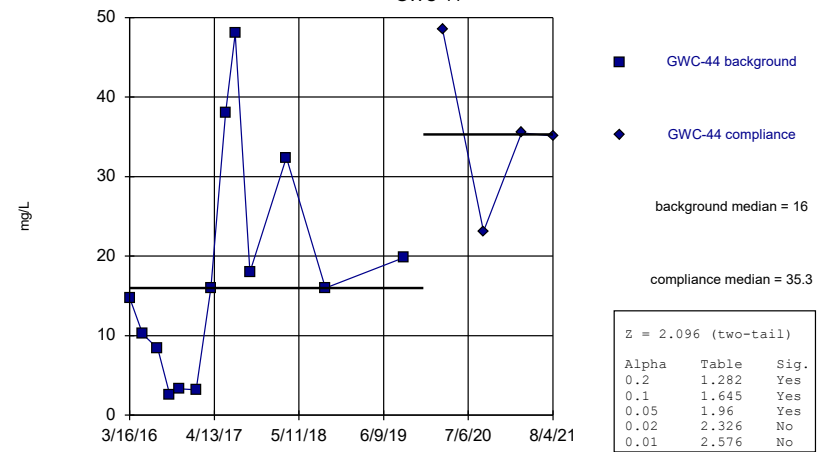
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-15Z



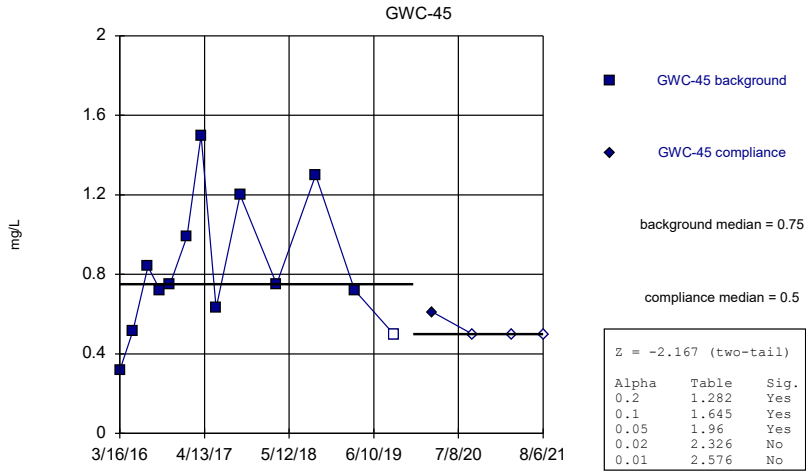
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-44



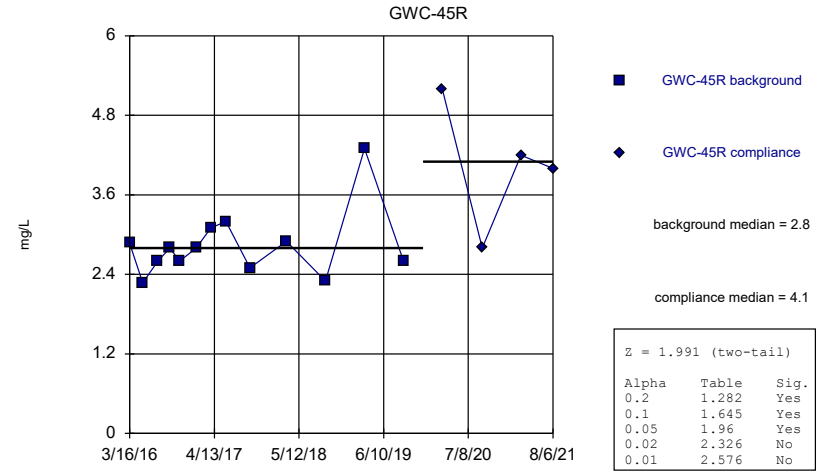
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



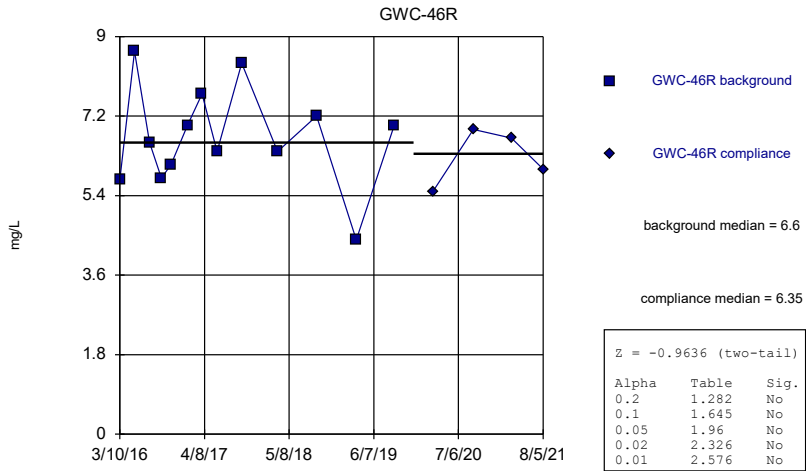
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



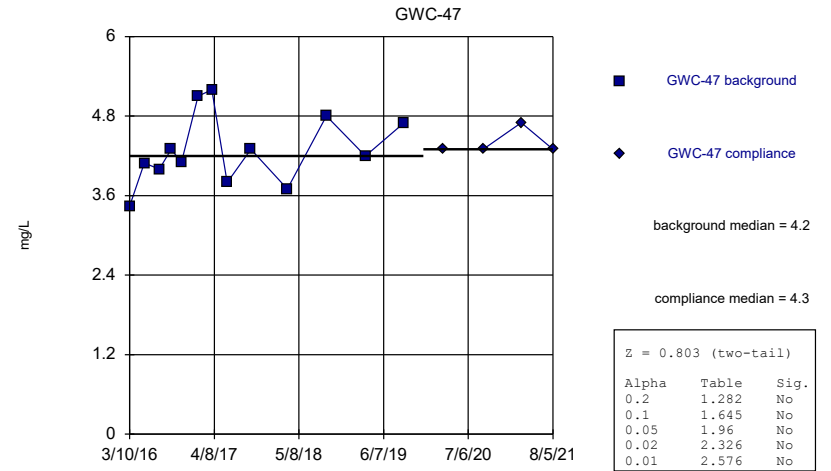
Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

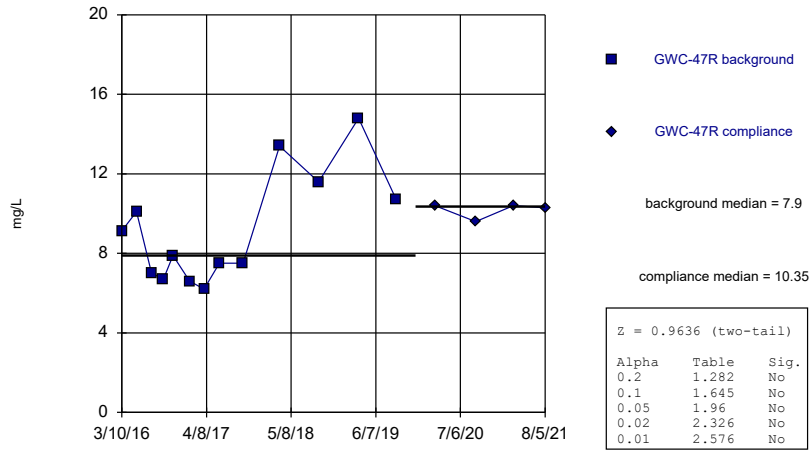
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

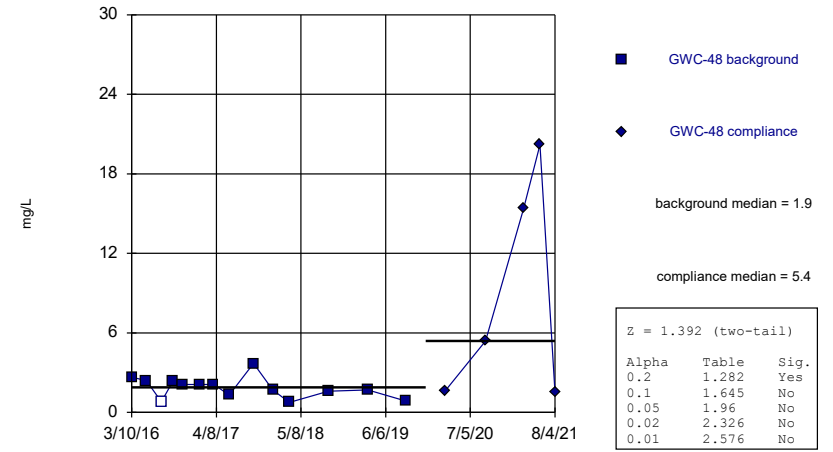
GWC-47R



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

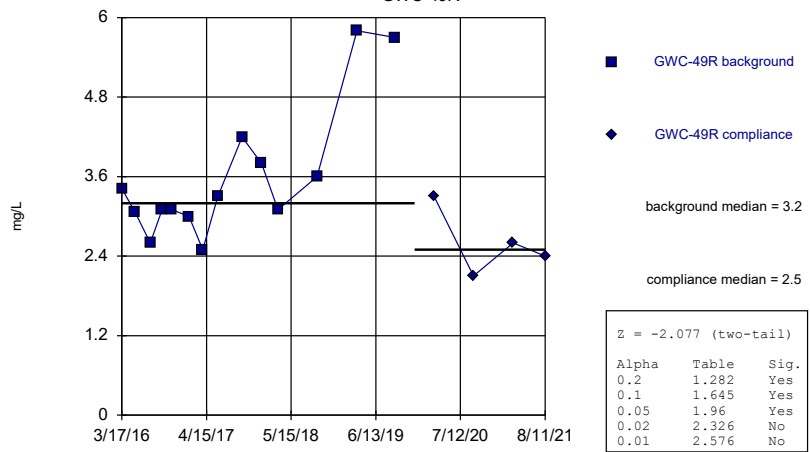
GWC-48



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

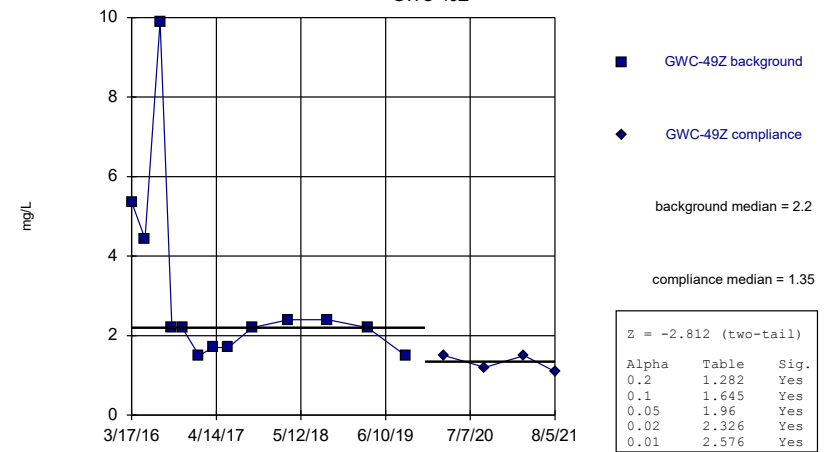
GWC-49R



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

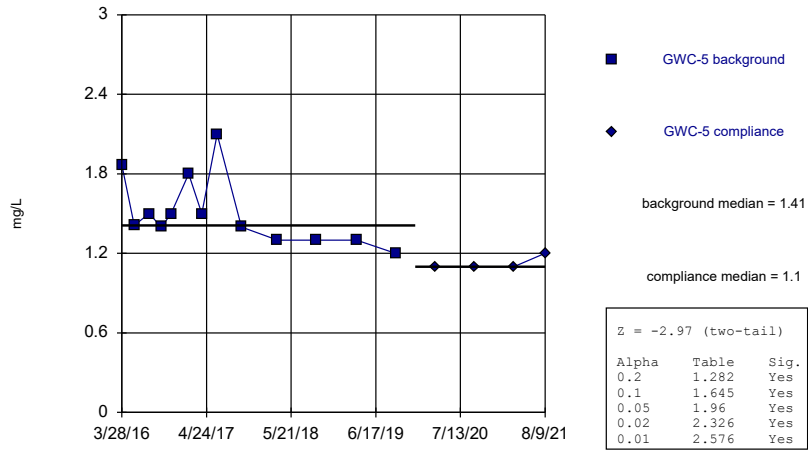
GWC-49Z



Constituent: Sulfate, total Analysis Run 4/1/2022 5:48 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

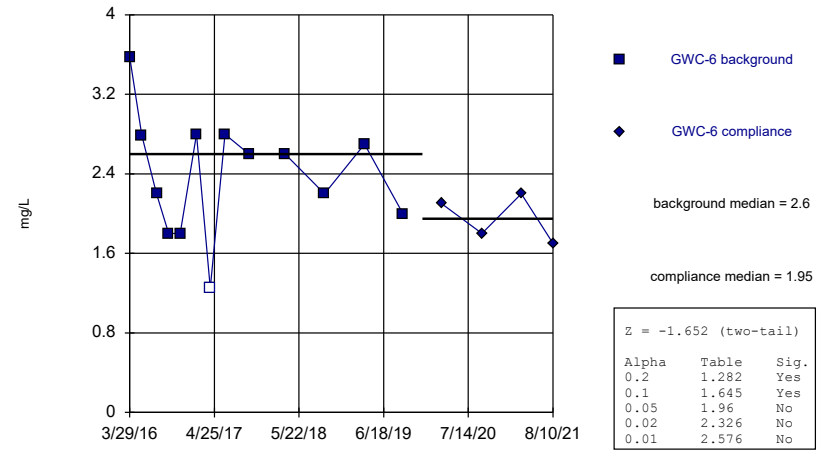
GWC-5



Constituent: Sulfate, total Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

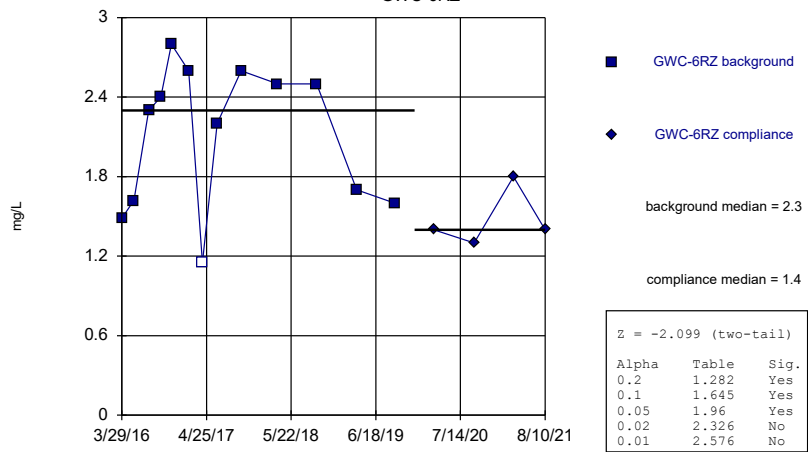
GWC-6



Constituent: Sulfate, total Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

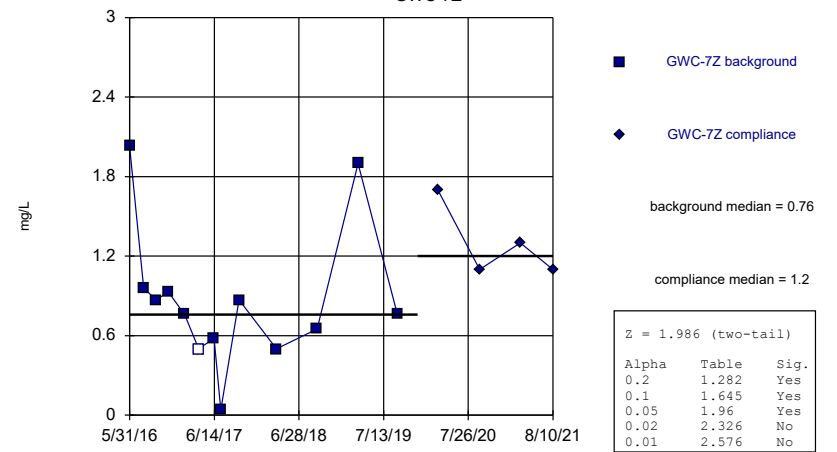
GWC-6RZ



Constituent: Sulfate, total Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

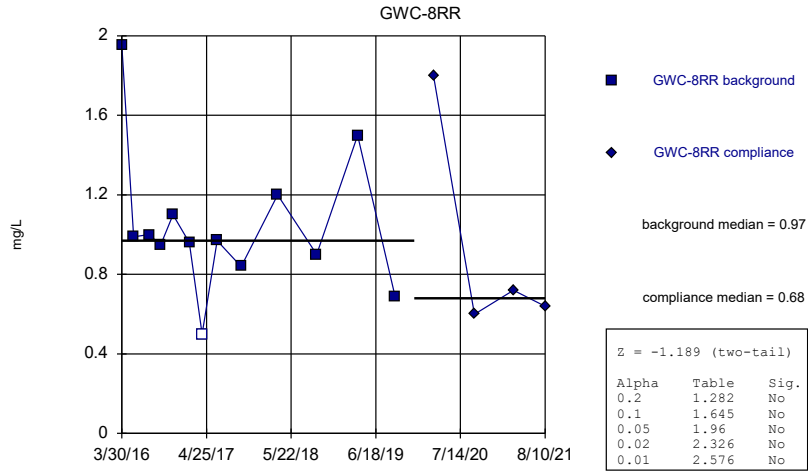
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7Z



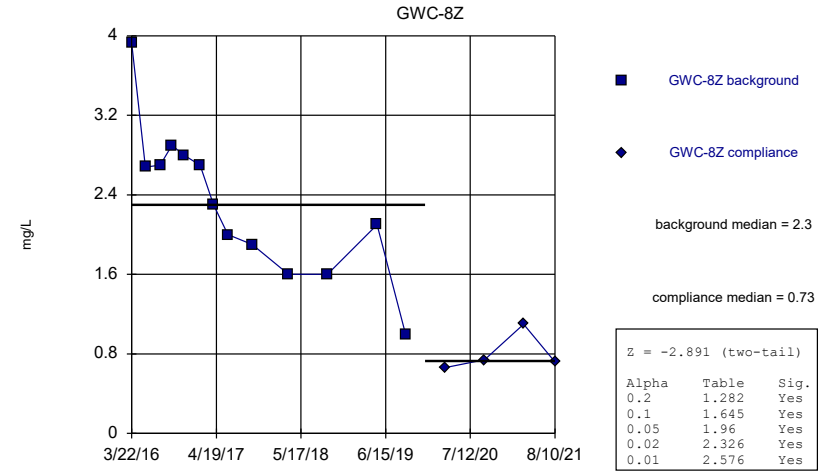
Constituent: Sulfate, total Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitney
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



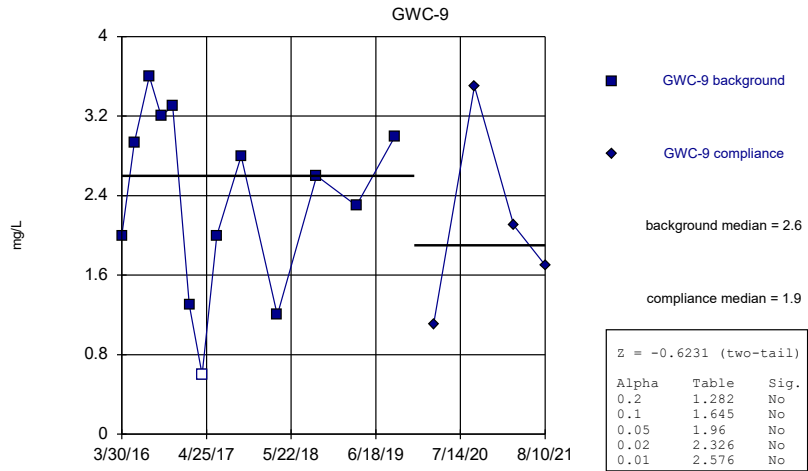
Constituent: Sulfate, total Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



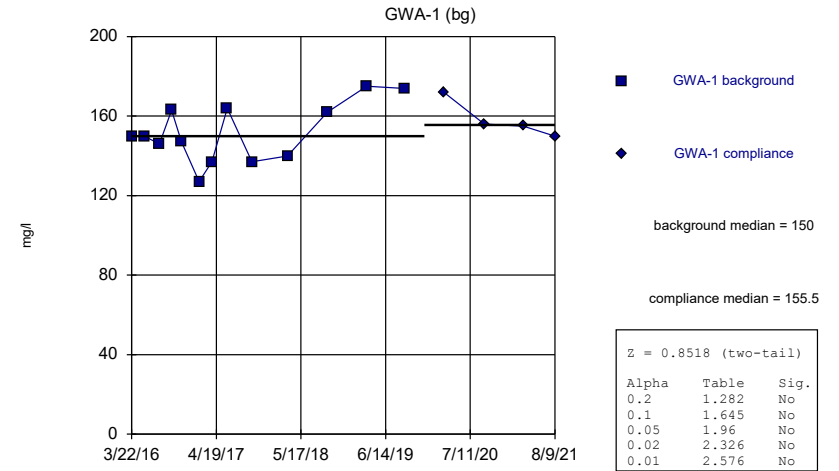
Constituent: Sulfate, total Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



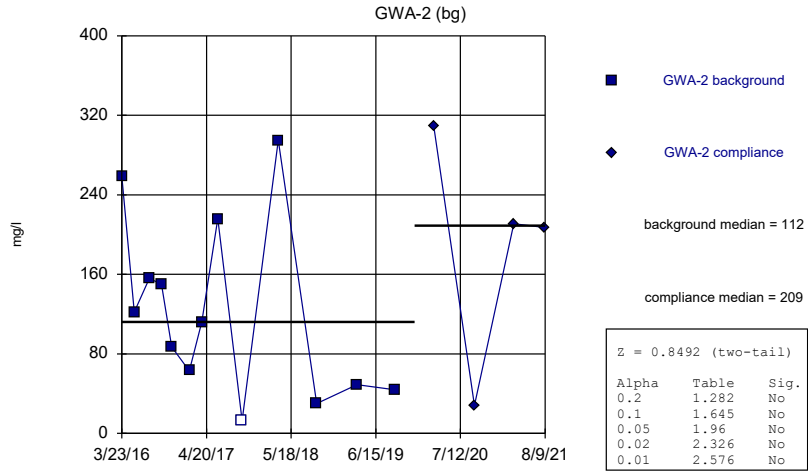
Constituent: Sulfate, total Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



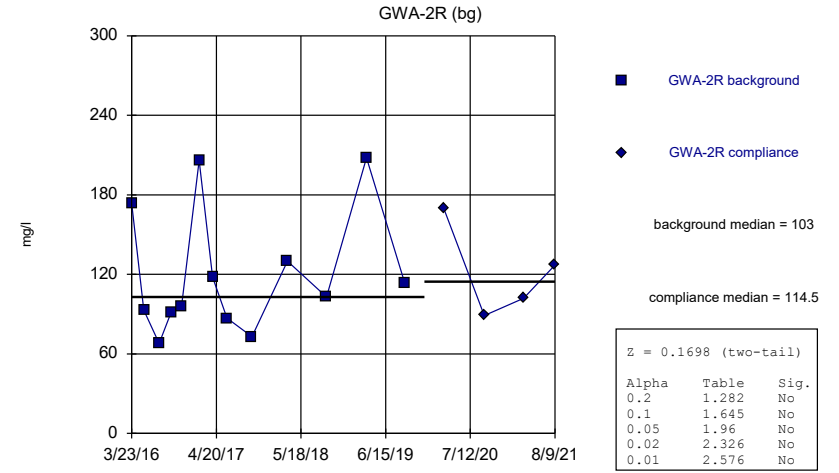
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



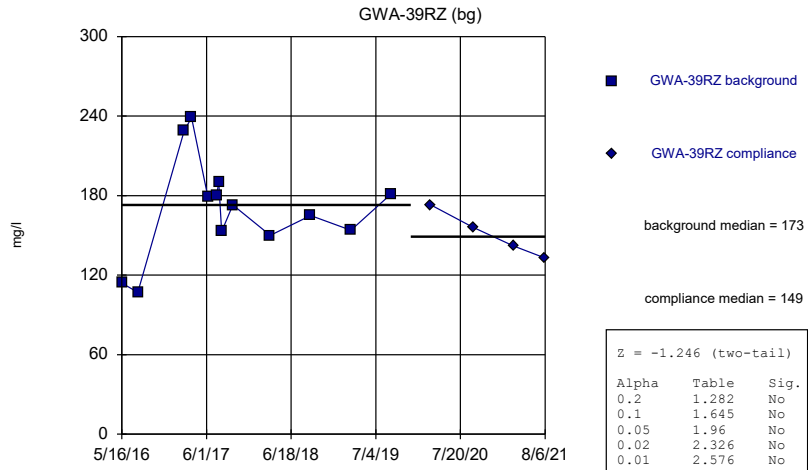
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



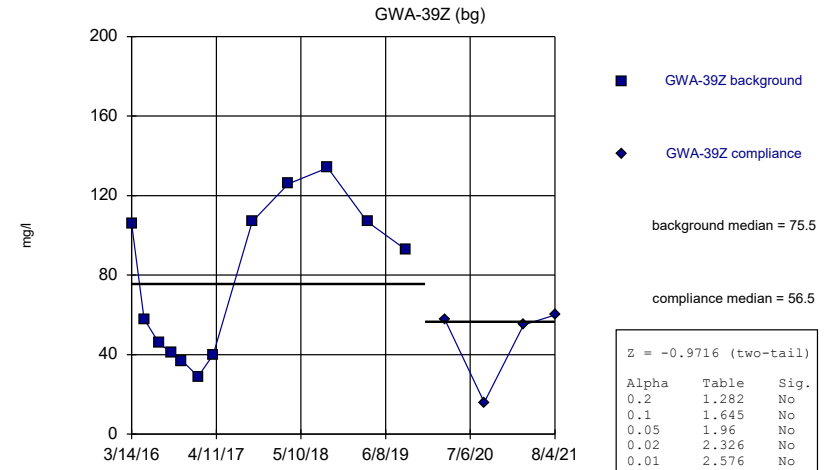
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



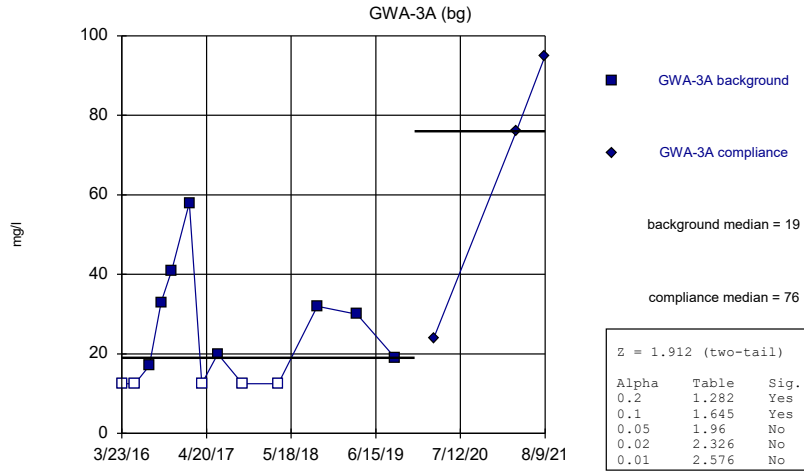
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



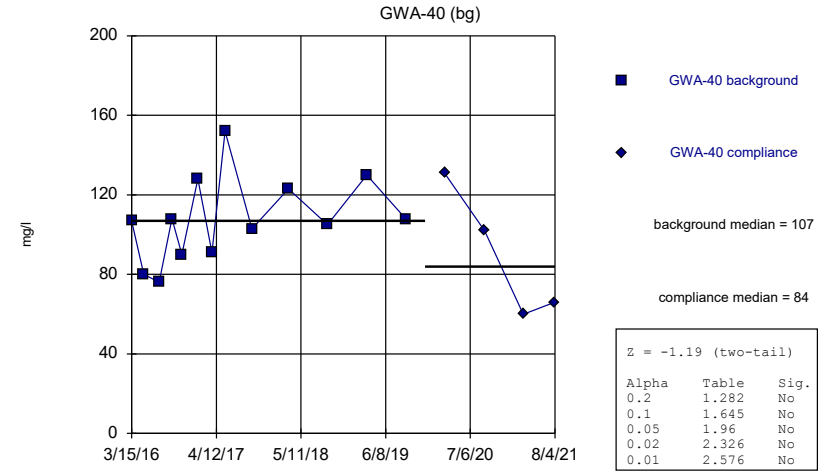
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



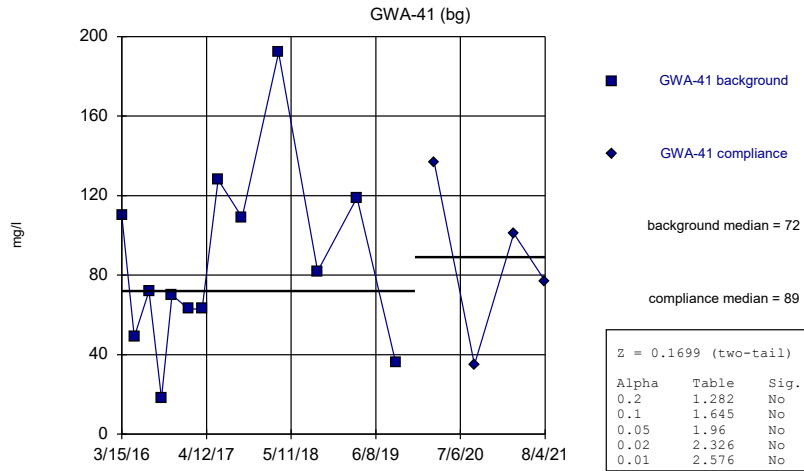
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



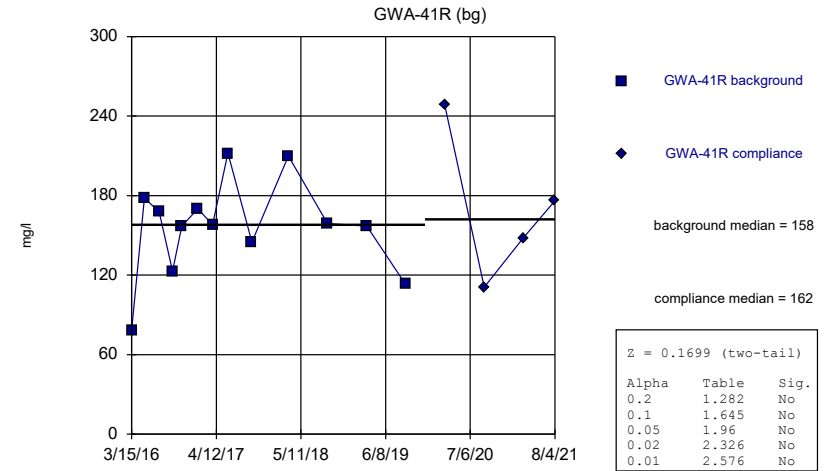
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

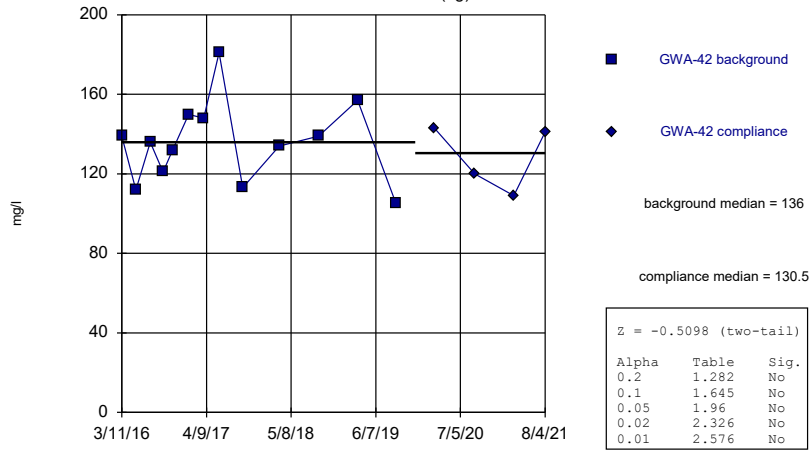
Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

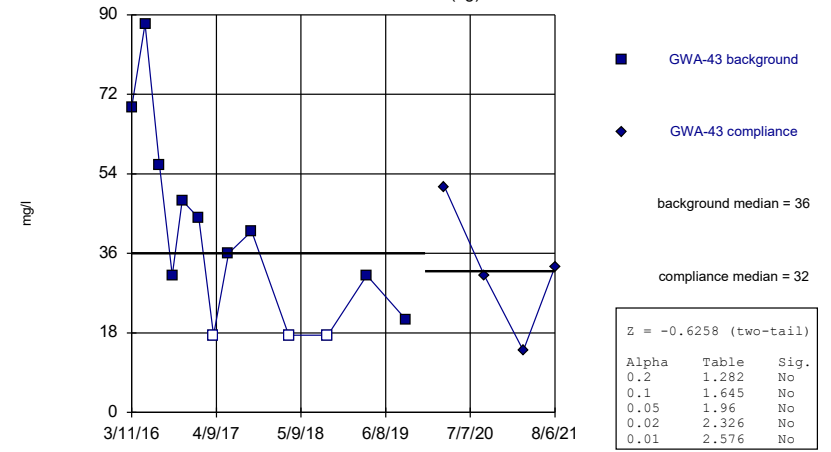
GWA-42 (bg)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

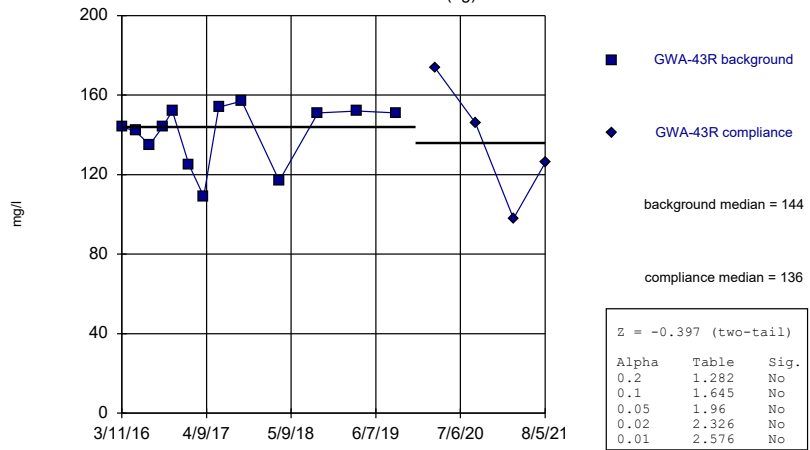
GWA-43 (bg)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

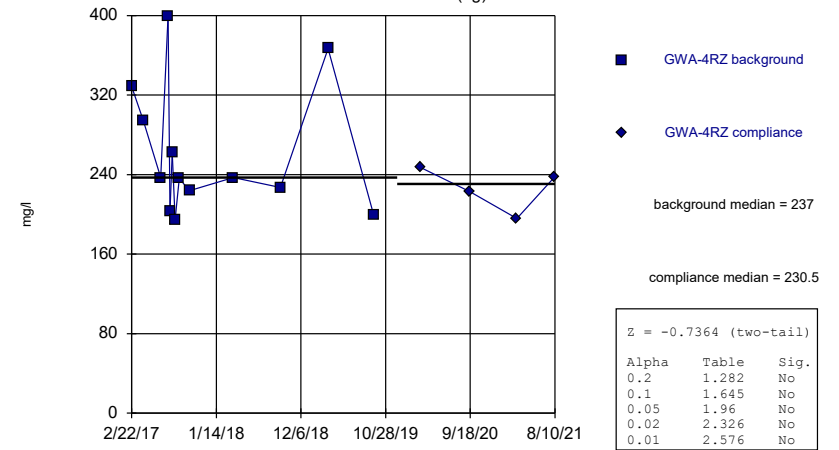
GWA-43R (bg)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

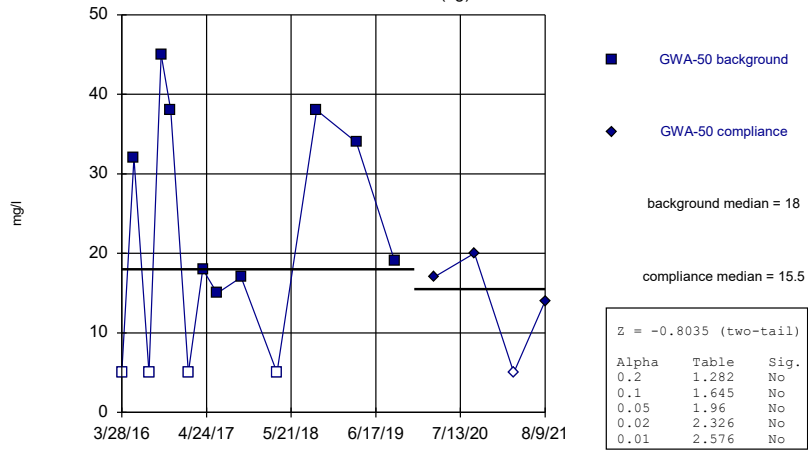
GWA-4RZ (bg)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

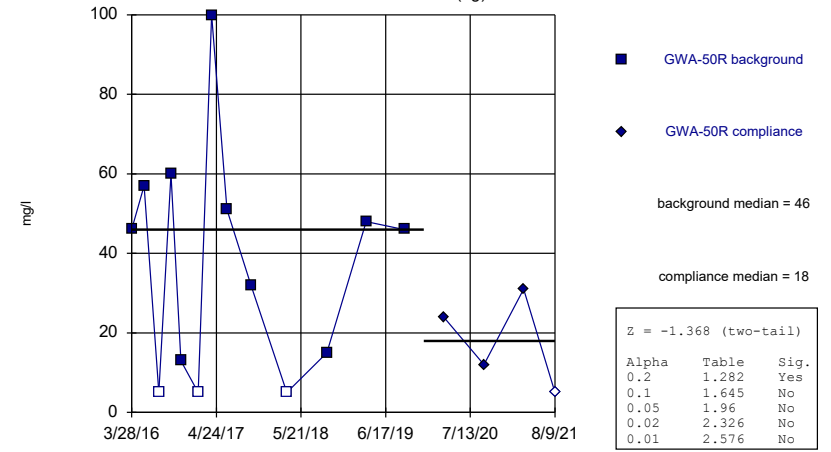
GWA-50 (bg)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

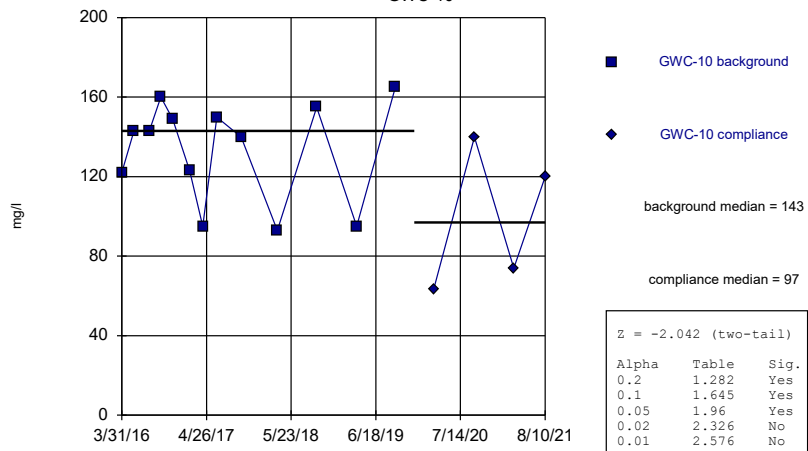
GWA-50R (bg)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

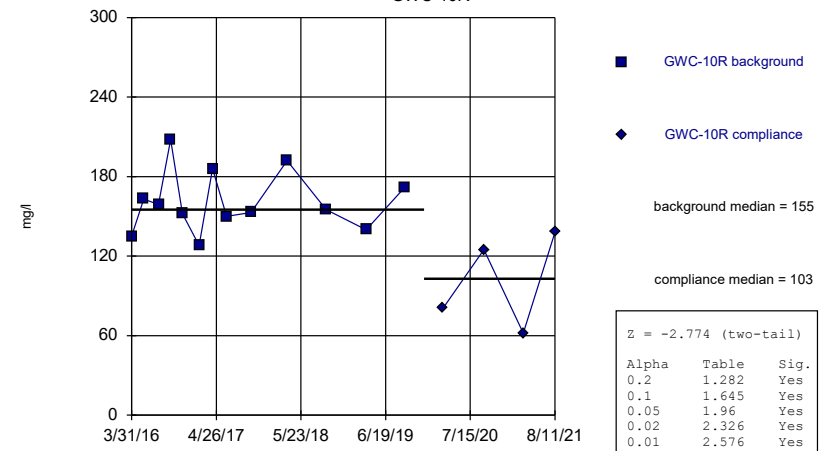
GWC-10



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

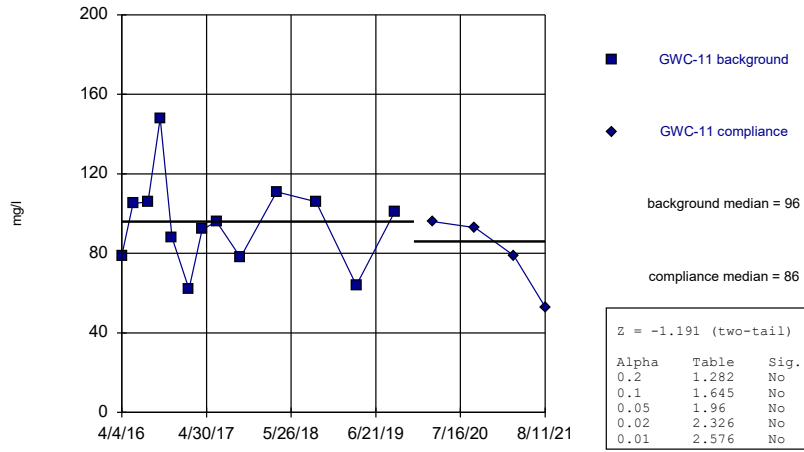
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10R



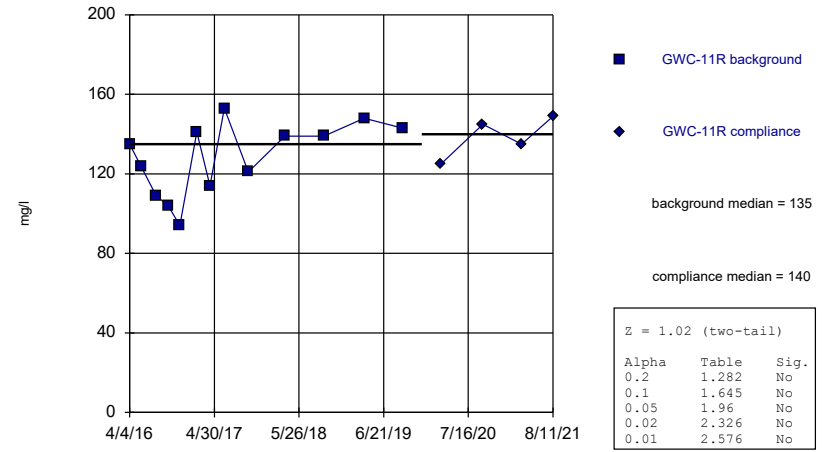
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-11



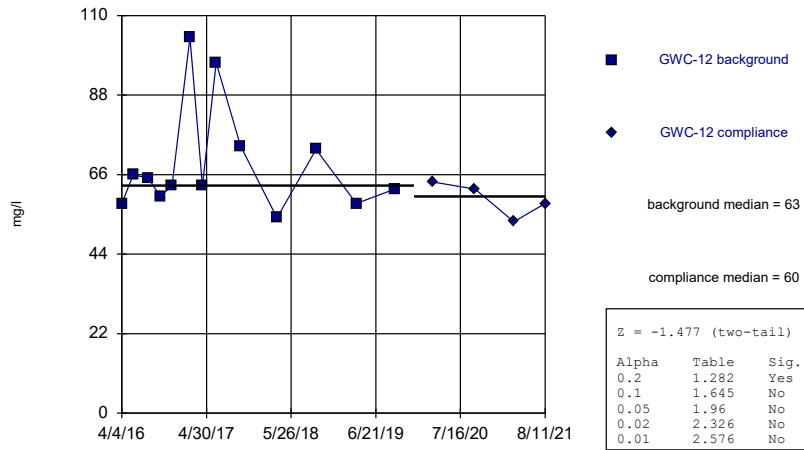
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-11R



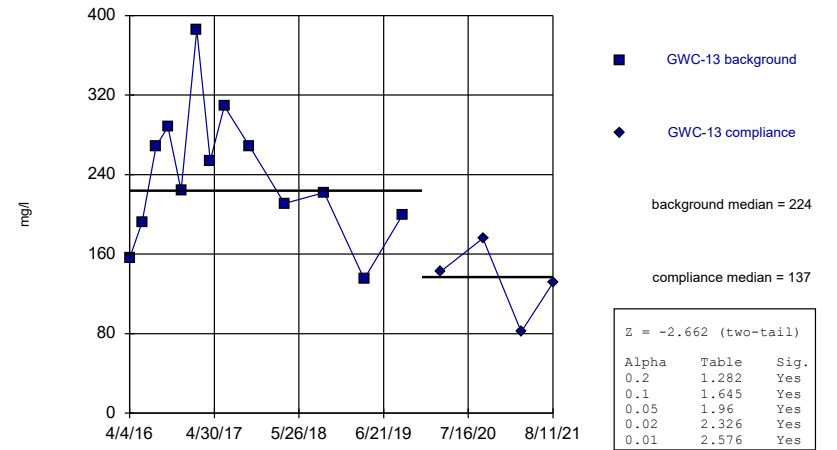
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-12



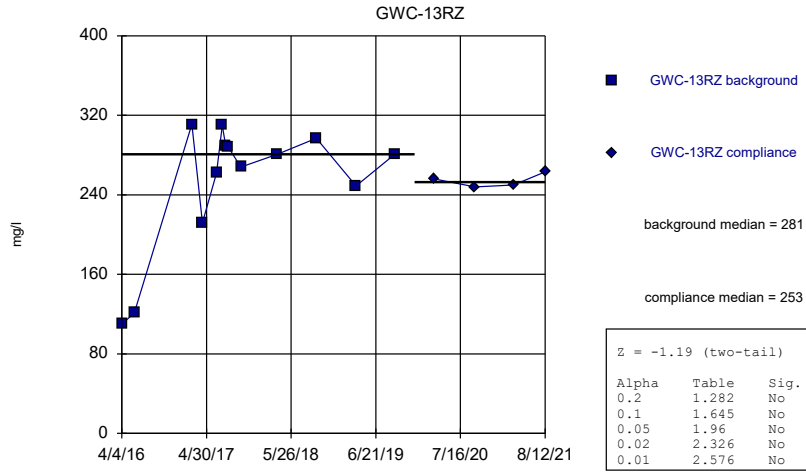
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-13



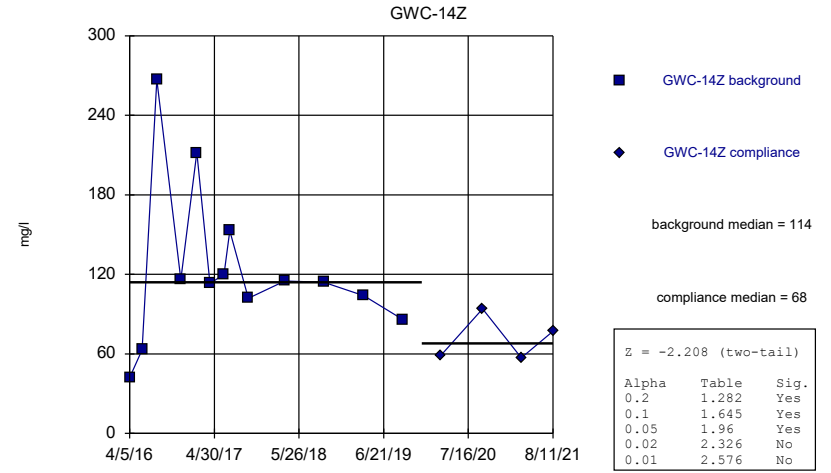
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



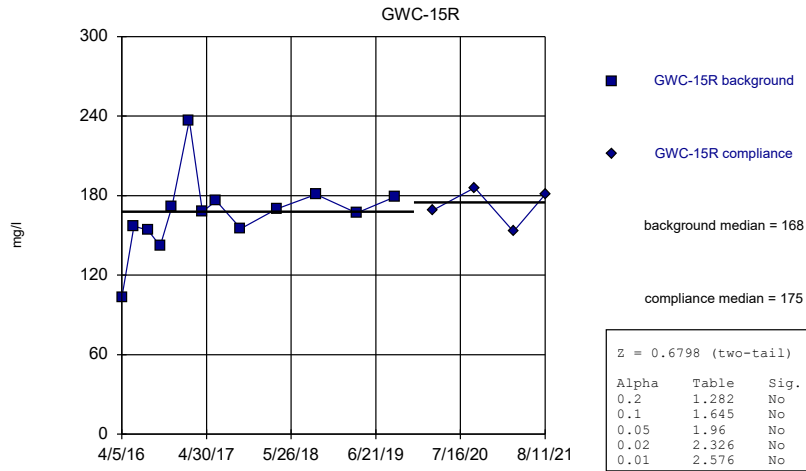
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



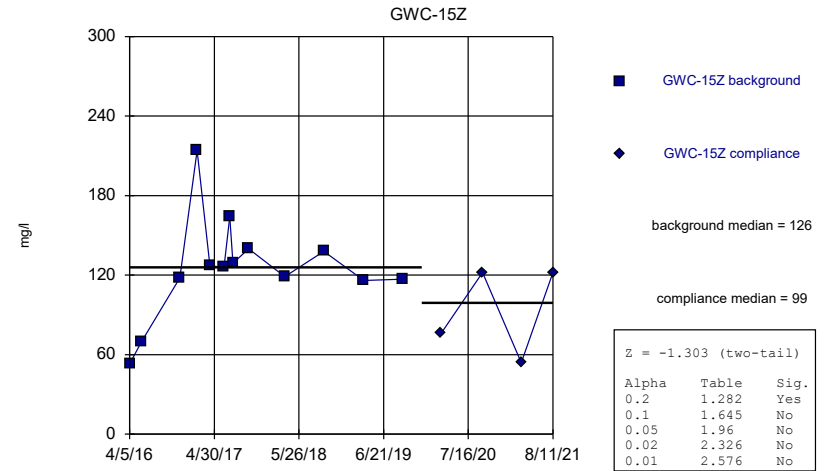
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



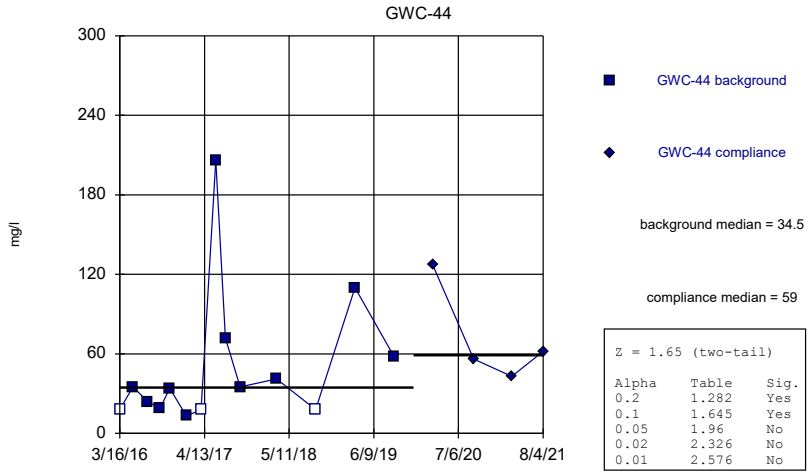
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



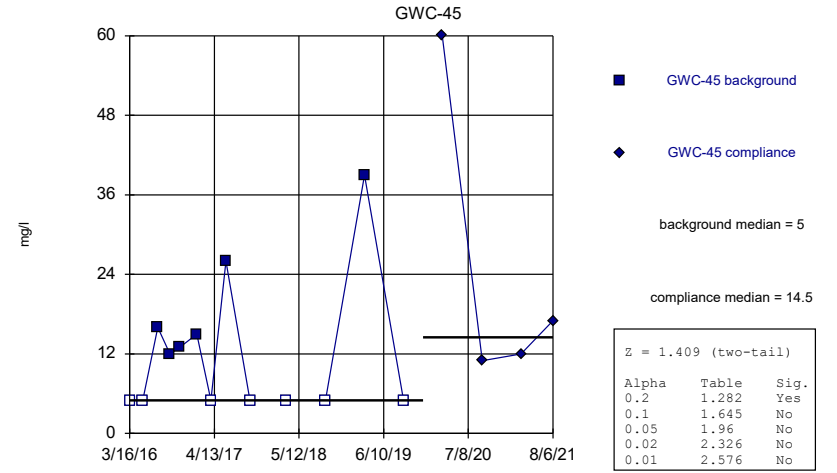
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



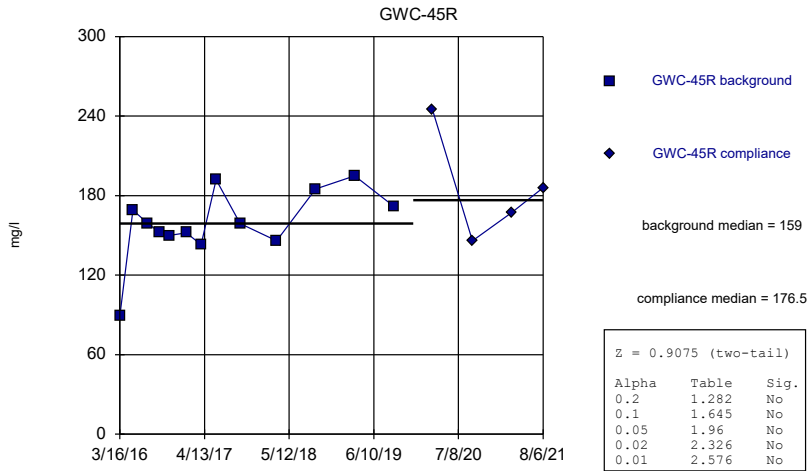
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



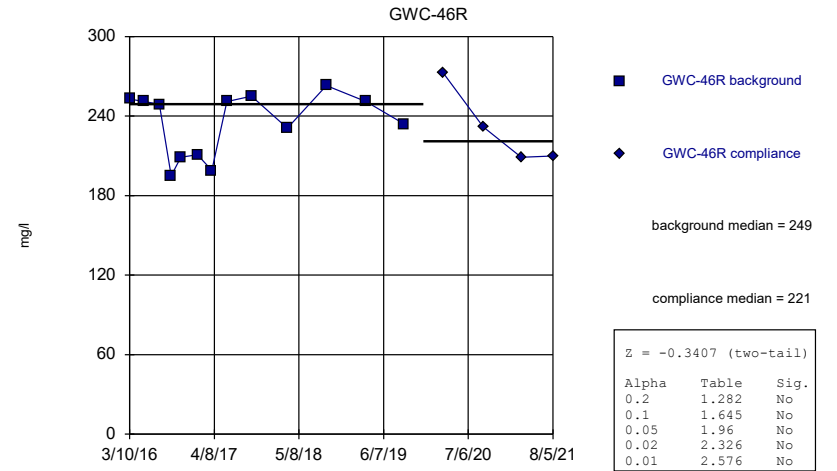
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



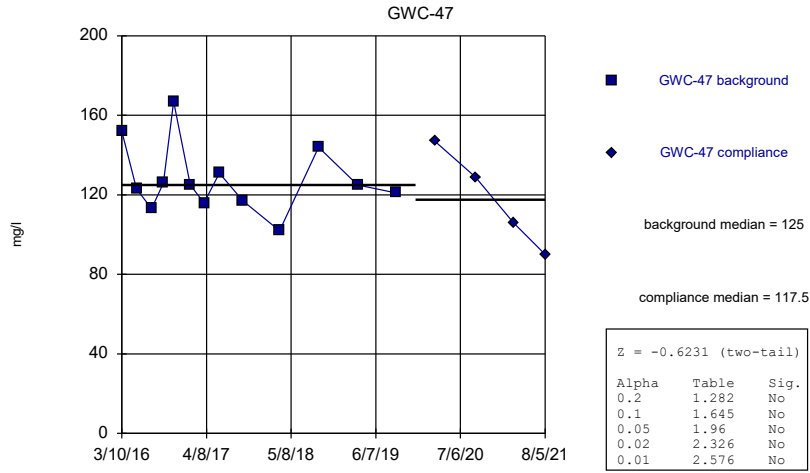
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



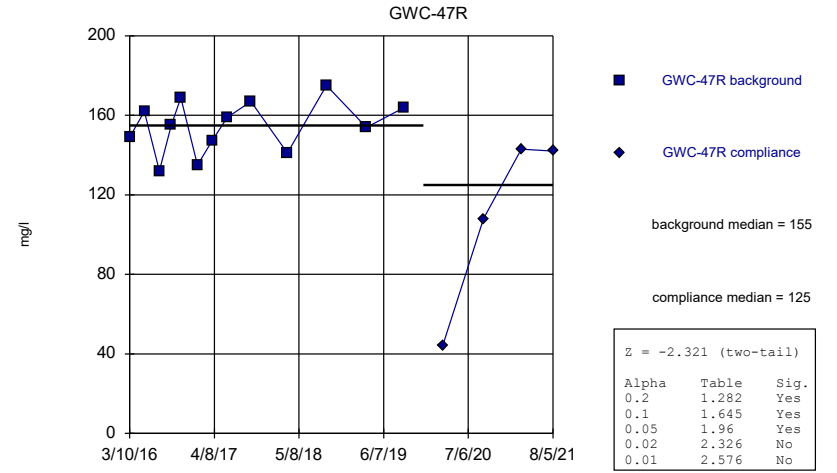
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



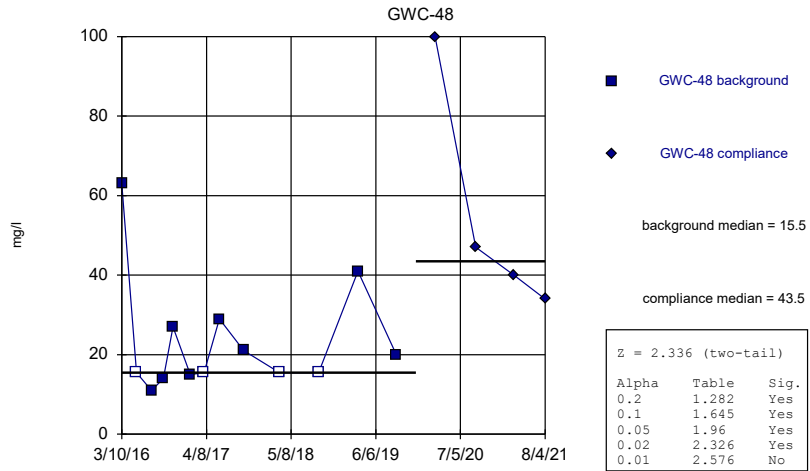
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



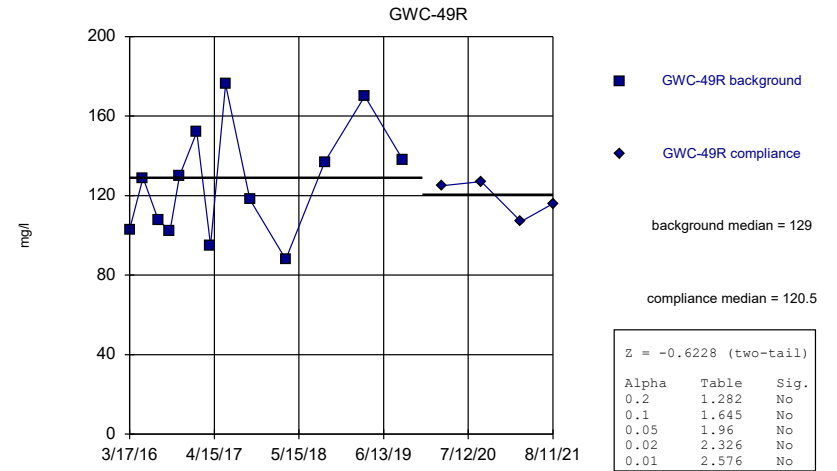
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



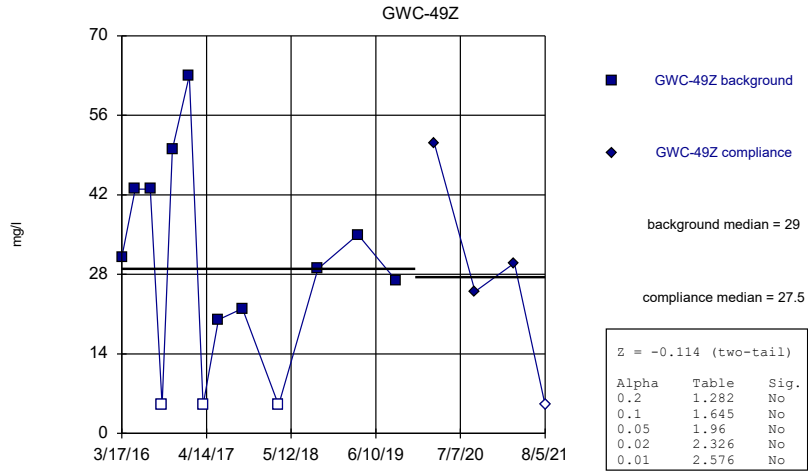
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



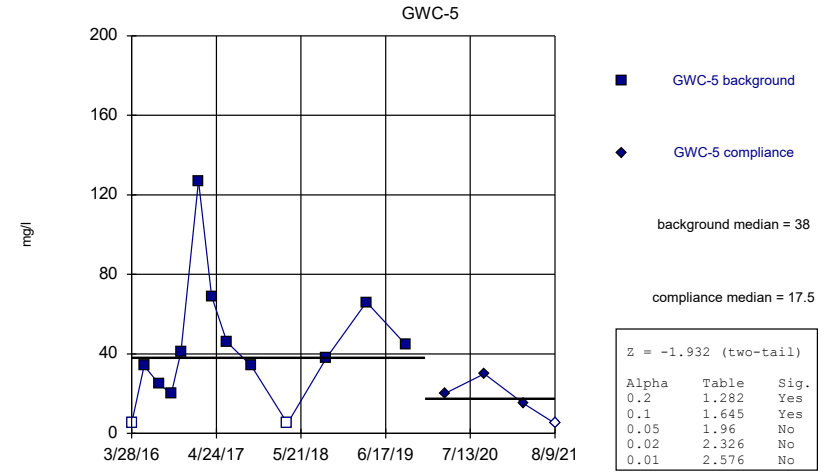
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



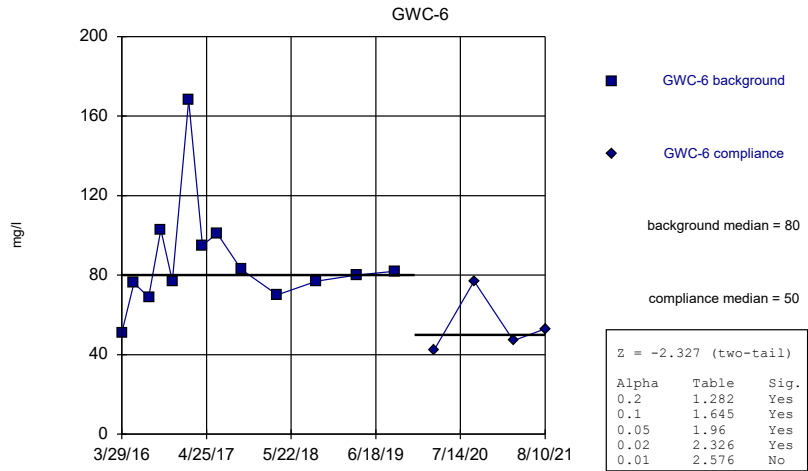
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



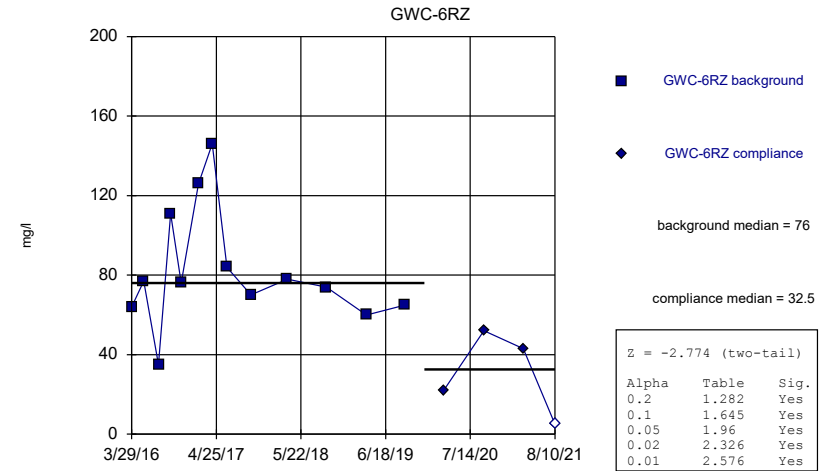
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



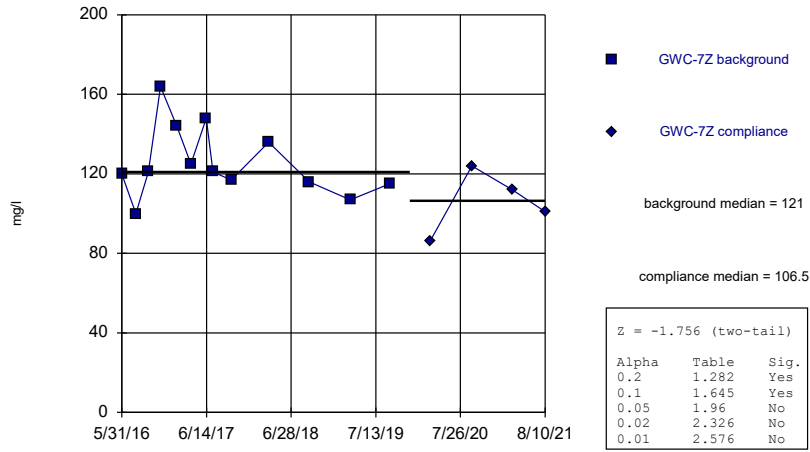
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)



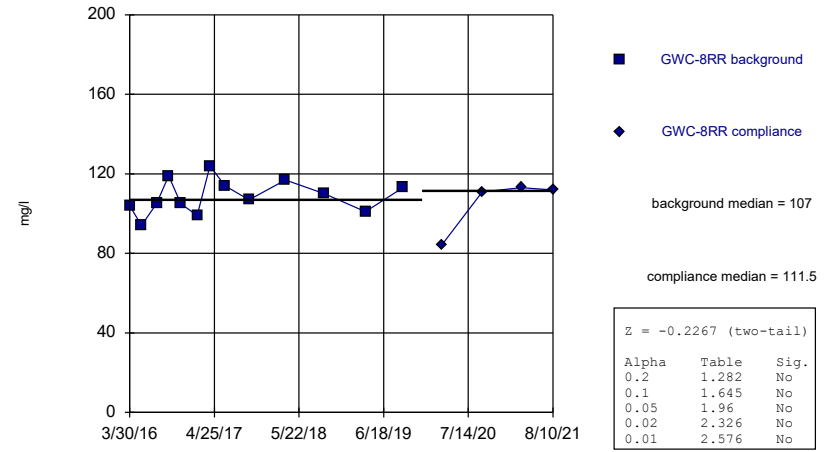
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-7Z



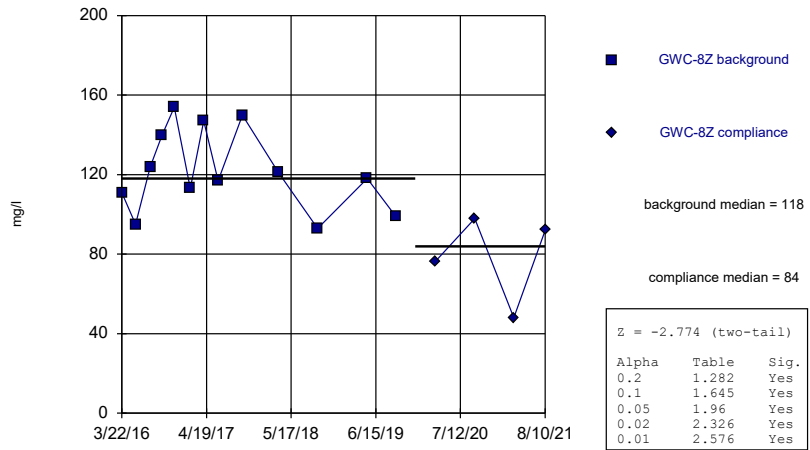
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-8RR



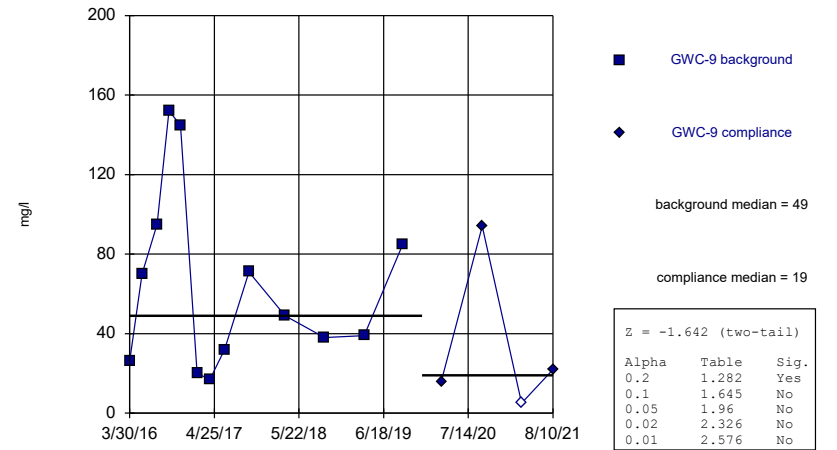
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-8Z



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)
GWC-9



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 5:49 PM View: Appendix III Mann-Whitn
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	<0.04	
5/19/2016	<0.04	
7/29/2016	<0.04	
9/23/2016	<0.04	
11/9/2016	<0.04	
1/30/2017	<0.04	
3/30/2017	0.0065 (J)	
6/9/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/17/2018	0.00625 (JD)	
3/20/2019	0.0042 (J)	
9/12/2019	<0.04	
3/11/2020		<0.04
9/15/2020		0.01 (J)
3/16/2021		<0.04
8/9/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	<0.04	
5/20/2016	<0.04	
7/29/2016	<0.04	
9/23/2016	<0.04	
11/9/2016	<0.04	
1/31/2017	<0.04	
3/30/2017	<0.04	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/19/2018	0.013 (J)	
9/14/2018	<0.04	
3/20/2019	<0.04	
9/12/2019	<0.04 (D)	
3/11/2020		0.0068 (J)
9/15/2020		0.0053 (J)
3/17/2021		<0.04
8/9/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	<0.04	
5/19/2016	<0.04	
7/29/2016	<0.04	
9/22/2016	<0.04	
11/10/2016	<0.04	
1/31/2017	<0.04	
4/3/2017	<0.04	
6/9/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	0.0077 (J)	
9/14/2018	<0.04	
3/19/2019	0.014 (J)	
9/13/2019	0.012 (J)	
3/11/2020		0.017 (J)
9/15/2020		0.0074 (J)
3/16/2021		0.0061 (J)
8/9/2021		0.012 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.04 (D)	
7/27/2016	<0.04 (*)	
2/21/2017	0.0218 (JD)	
3/27/2017	0.0262 (JD)	
6/8/2017	0.0067 (JD)	
7/17/2017	0.0165 (JD)	
7/27/2017	0.0138 (JD)	
8/9/2017	0.0069 (JD)	
9/29/2017	0.0066 (JD)	
3/16/2018	0.0067 (J)	
9/14/2018	0.0059 (J)	
3/14/2019	0.0059 (X)	
9/10/2019	0.0081 (X)	
3/9/2020		0.0065 (J)
9/16/2020		0.015 (J)
3/16/2021		<0.04
8/6/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.04	
5/11/2016	<0.04	
7/19/2016	<0.04 (*)	
9/15/2016	0.0067 (J)	
11/2/2016	<0.04	
1/18/2017	<0.04	
3/28/2017	<0.04	
6/7/2017	<0.04 (*)	
9/26/2017	<0.04	
3/14/2018	<0.04	
9/12/2018	<0.04	
3/15/2019	0.005 (X)	
9/9/2019	<0.04	
3/9/2020		<0.04
9/10/2020		<0.04
3/12/2021		0.011 (J)
8/4/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<0.04	
5/23/2016	<0.04	
7/29/2016	<0.04	
9/22/2016	<0.04	
11/10/2016	<0.04	
1/31/2017	<0.04	
3/30/2017	<0.04	
6/12/2017	<0.04	
10/4/2017	<0.04	
3/19/2018	0.0057 (J)	
9/17/2018	<0.04	
3/20/2019	<0.04	
9/13/2019	<0.04	
3/11/2020		0.0071 (J)
3/29/2021		<0.04
8/9/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.04	
5/11/2016	<0.04	
7/21/2016	<0.04	
9/15/2016	<0.04	
11/3/2016	<0.04 (*)	
1/17/2017	<0.04	
3/24/2017	<0.04	
5/24/2017	<0.04	
9/26/2017	0.0075 (J)	
3/14/2018	0.0093 (J)	
9/12/2018	<0.04	
3/13/2019	<0.04	
9/9/2019	<0.04	
3/9/2020		0.0074 (J)
9/11/2020		<0.04
3/10/2021		<0.04
8/4/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.04	
5/12/2016	<0.04	
7/20/2016	<0.04	
9/15/2016	<0.04	
11/3/2016	<0.04	
1/18/2017	<0.04	
3/24/2017	0.0154 (J)	
6/6/2017	<0.04	
9/25/2017	<0.04	
3/14/2018	0.011 (J)	
9/12/2018	<0.04	
3/14/2019	0.007 (X)	
9/10/2019	<0.04	
3/6/2020		0.013 (J)
9/10/2020		<0.04
3/11/2021		0.0075 (J)
8/4/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.04	
5/13/2016	<0.04	
7/21/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/3/2016	<0.04	
1/17/2017	<0.04	
3/27/2017	0.0173 (J)	
6/6/2017	<0.04 (*)	
9/25/2017	0.0141 (J)	
3/14/2018	0.014 (J)	
9/12/2018	0.013 (J)	
3/14/2019	0.015 (X)	
9/10/2019	0.015 (X)	
3/9/2020		0.021 (J)
9/10/2020		0.016 (J)
3/10/2021		0.0098 (J)
8/4/2021		0.01 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.04	
5/16/2016	<0.04	
7/22/2016	0.0076 (J)	
9/19/2016	<0.04	
11/3/2016	<0.04	
1/17/2017	<0.04	
3/27/2017	0.0101 (J)	
6/7/2017	<0.04 (*)	
9/26/2017	<0.04	
3/14/2018	<0.04	
9/14/2018	<0.04	
3/14/2019	<0.04	
9/10/2019	<0.04	
3/6/2020		0.0068 (J)
9/10/2020		<0.04
3/11/2021		<0.04
8/4/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.04	
5/13/2016	<0.04	
7/19/2016	<0.04 (*)	
9/16/2016	<0.04	
11/2/2016	<0.04	
1/18/2017	<0.04	
3/28/2017	<0.04	
6/6/2017	<0.04 (*)	
9/22/2017	<0.04	
3/14/2018	<0.04	
9/12/2018	<0.04	
3/13/2019	<0.04	
9/11/2019	0.0059 (X)	
3/9/2020		<0.04
9/11/2020		<0.04
3/11/2021		<0.04
8/6/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.04	
5/13/2016	<0.04	
7/19/2016	<0.04 (*)	
9/16/2016	0.0246 (J)	
11/2/2016	0.0279 (J)	
1/18/2017	0.0336 (J)	
3/28/2017	0.0313 (J)	
6/6/2017	<0.04 (*)	
9/22/2017	0.0294 (J)	
3/15/2018	0.018 (J)	
9/12/2018	0.018 (J)	
3/13/2019	0.012 (X)	
9/11/2019	0.021 (X)	
3/9/2020		0.017 (J)
9/14/2020		0.018 (J)
3/11/2021		0.017 (J)
8/5/2021		0.0098 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.022 (JD)	
4/7/2017	0.0082 (JD)	
6/14/2017	0.008 (JD)	
7/12/2017	0.0082 (JD)	
7/20/2017	0.0091 (JD)	
7/28/2017	<0.04 (D)	
8/9/2017	0.0071 (JD)	
8/24/2017	0.0062 (JD)	
10/3/2017	0.006 (JD)	
3/21/2018	0.0062 (J)	
9/18/2018	0.0096 (J)	
3/21/2019	0.0066 (JD)	
9/12/2019	0.012 (JD)	
3/12/2020		0.014 (J)
9/17/2020		0.015 (J)
3/16/2021		0.0092 (J)
8/10/2021		0.01 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	<0.04	
5/23/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/10/2016	<0.04	
1/30/2017	<0.04	
4/7/2017	0.008 (J)	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/17/2018	<0.04	
3/19/2019	<0.04	
9/13/2019	<0.04	
3/11/2020		0.0063 (J)
9/16/2020		<0.04
3/17/2021		<0.04
8/9/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	<0.04	
5/25/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/11/2016	0.0193 (J)	
1/30/2017	<0.04	
4/3/2017	<0.04	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/18/2018	<0.04	
3/19/2019	<0.04	
9/12/2019	<0.04	
3/11/2020		0.007 (J)
9/15/2020		<0.04
3/17/2021		<0.04
8/9/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	<0.04	
5/26/2016	<0.04	
8/5/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	<0.04	
2/7/2017	<0.04	
4/10/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/20/2018	0.004 (J)	
9/18/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/12/2020		<0.04
9/17/2020		<0.04
3/18/2021		<0.04
8/10/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	<0.04	
5/26/2016	<0.04	
8/3/2016	<0.04	
9/28/2016	0.0169 (J)	
11/22/2016	0.0067 (J)	
2/7/2017	<0.04	
4/10/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/12/2020		0.005 (J)
9/17/2020		<0.04
3/18/2021		<0.04
8/11/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	<0.04	
5/26/2016	<0.04	
8/3/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	<0.04	
2/8/2017	0.0085 (J)	
4/10/2017	<0.04	
6/15/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/23/2019	<0.04	
9/17/2019	<0.04	
3/12/2020		<0.04
9/21/2020		<0.04
3/19/2021		<0.04
8/11/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	<0.04	
5/26/2016	<0.04	
8/4/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	0.0072 (J)	
2/8/2017	0.0069 (J)	
4/10/2017	<0.04	
6/15/2017	<0.04	
10/4/2017	0.0065 (J)	
3/22/2018	<0.04	
9/18/2018	<0.04	
3/23/2019	<0.04	
9/17/2019	<0.04	
3/12/2020		0.0058 (J)
9/21/2020		<0.04
3/19/2021		<0.04
8/11/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	<0.04	
5/31/2016	<0.04	
8/4/2016	<0.04	
9/29/2016	0.0192 (J)	
11/28/2016	0.0124 (J)	
2/9/2017	0.0157 (J)	
4/12/2017	0.0183 (J)	
6/16/2017	0.0269 (J)	
10/9/2017	0.0383 (J)	
3/21/2018	0.021 (J)	
9/19/2018	0.026 (J)	
3/23/2019	0.012 (J)	
9/18/2019	0.017 (J)	
3/13/2020		0.014 (J)
9/22/2020		0.0087 (J)
3/18/2021		0.0091 (J)
8/11/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	<0.04	
6/1/2016	<0.04	
2/22/2017	0.02 (J)	
4/11/2017	<0.04	
6/16/2017	0.0163 (J)	
7/12/2017	0.0117 (J)	
7/28/2017	0.0071 (J)	
8/10/2017	0.0093 (J)	
10/6/2017	0.0148 (J)	
3/23/2018	0.017 (J)	
9/20/2018	0.016 (J)	
3/22/2019	0.013 (J)	
9/18/2019	0.014 (X)	
3/17/2020		0.017 (J)
9/22/2020		0.01 (J)
3/19/2021		0.014 (J)
8/12/2021		0.014 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	<0.04	
6/1/2016	<0.04	
8/9/2016	0.0996 (O)	
11/28/2016	0.0072 (J)	
2/9/2017	<0.04	
4/11/2017	<0.04	
6/14/2017	<0.04	
7/12/2017	<0.04	
10/5/2017	0.0068 (J)	
3/22/2018	<0.04	
9/19/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/13/2020		0.0081 (J)
9/21/2020		<0.04
3/18/2021		<0.04
8/11/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	<0.04	
5/31/2016	<0.04	
8/4/2016	<0.04	
9/29/2016	0.0106 (J)	
11/23/2016	0.0099 (J)	
2/10/2017	<0.04	
4/12/2017	0.009 (J)	
6/15/2017	<0.04	
10/6/2017	<0.04	
3/23/2018	0.0053 (J)	
9/19/2018	0.0049 (J)	
3/25/2019	<0.04	
9/17/2019	<0.04	
3/13/2020		0.0064 (J)
9/21/2020		0.0075 (J)
3/18/2021		<0.04
8/11/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	<0.04	
5/31/2016	<0.04	
11/23/2016	0.0076 (J)	
2/10/2017	<0.04	
4/11/2017	<0.04	
6/15/2017	<0.04	
7/12/2017	<0.04	
7/26/2017	<0.04	
10/6/2017	0.0071 (J)	
3/23/2018	0.0092 (J)	
9/19/2018	0.0046 (J)	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/13/2020		0.0054 (J)
9/21/2020		<0.04
3/18/2021		<0.04
8/11/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.04	
5/16/2016	<0.04	
7/25/2016	<0.04	
9/19/2016	<0.04	
11/3/2016	<0.04	
1/19/2017	<0.04	
3/28/2017	0.0113 (J)	
6/5/2017	<0.04 (*)	
9/26/2017	0.0084 (J)	
3/15/2018	0.014 (J)	
9/12/2018	0.0051 (J)	
3/14/2019	0.018 (X)	
9/11/2019	0.0088 (X)	
3/10/2020		0.019 (J)
9/15/2020		0.0089 (J)
3/11/2021		0.016 (J)
8/4/2021		0.016 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.04 (D)	
5/16/2016	<0.04 (D)	
7/25/2016	<0.04 (D)	
9/19/2016	<0.04 (D)	
11/4/2016	<0.04 (D)	
1/23/2017	0.0086 (JD)	
3/29/2017	<0.04 (D)	
6/7/2017	<0.04 (*)	
9/27/2017	<0.04	
3/15/2018	0.0077 (J)	
9/13/2018	<0.04	
3/14/2019	<0.04 (D)	
9/11/2019	<0.04 (D)	
3/10/2020		<0.04
9/11/2020		<0.04
3/11/2021		<0.04
8/6/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.04 (D)	
5/16/2016	<0.04 (D)	
7/25/2016	0.0054 (JD)	
9/19/2016	<0.04 (D)	
11/3/2016	<0.04 (D)	
1/20/2017	<0.04 (D)	
3/29/2017	<0.04 (D)	
6/7/2017	<0.04 (*)	
9/27/2017	<0.04	
3/15/2018	0.0063 (J)	
9/13/2018	<0.04	
3/14/2019	0.006 (D)	
9/11/2019	<0.04 (D)	
3/10/2020		0.009 (J)
9/11/2020		0.0056 (J)
3/11/2021		0.006 (J)
8/6/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.04	
5/17/2016	<0.04	
7/26/2016	0.0047 (J)	
9/20/2016	0.0254 (J)	
11/4/2016	<0.04	
1/20/2017	<0.04	
3/28/2017	<0.04	
6/7/2017	<0.04 (*)	
9/29/2017	<0.04	
3/15/2018	0.0042 (J)	
9/13/2018	<0.04	
3/18/2019	0.022 (X)	
9/11/2019	<0.04	
3/10/2020		<0.04
9/14/2020		<0.04
3/11/2021		<0.04
8/5/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04 (*)	
9/20/2016	0.0133 (J)	
11/7/2016	0.0079 (J)	
1/23/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/27/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/15/2019	<0.04	
9/12/2019	<0.04	
3/9/2020		<0.04
9/14/2020		<0.04
3/11/2021		<0.04
8/5/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04	
9/20/2016	0.0109 (J)	
11/4/2016	<0.04	
1/20/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/27/2017	<0.04	
3/16/2018	<0.04	
9/13/2018	<0.04	
3/19/2019	<0.04	
9/11/2019	0.0054 (X)	
3/9/2020		0.0051 (J)
9/15/2020		<0.04
3/11/2021		<0.04
8/5/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.04	
5/17/2016	<0.04	
7/27/2016	<0.04 (*)	
9/20/2016	0.0078 (J)	
11/4/2016	<0.04	
1/23/2017	<0.04	
3/28/2017	<0.04	
6/8/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/15/2019	<0.04	
9/11/2019	<0.04	
3/9/2020		<0.04
9/14/2020		<0.04
3/11/2021		<0.04
8/4/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/4/2016	<0.04	
1/24/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/18/2019	0.0099 (X)	
9/11/2019	<0.04	
3/11/2020		<0.04
9/11/2020		0.0057 (J)
3/15/2021		0.01 (J)
8/11/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.04	
5/18/2016	<0.04	
7/28/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/7/2016	0.0138 (J)	
1/24/2017	<0.04	
3/30/2017	0.0077 (J)	
6/9/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	0.0052 (J)	
9/14/2018	<0.04	
3/19/2019	0.0043 (X)	
9/11/2019	<0.04	
3/9/2020		0.0055 (J)
9/14/2020		<0.04
3/15/2021		0.0066 (J)
8/5/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	<0.04	
5/25/2016	<0.04	
8/1/2016	<0.04	
9/27/2016	<0.04	
11/11/2016	0.0083 (J)	
1/31/2017	<0.04	
4/3/2017	<0.04	
6/12/2017	<0.04	
10/3/2017	<0.04	
3/19/2018	0.0041 (J)	
9/17/2018	<0.04	
3/20/2019	<0.04	
9/16/2019	0.0051 (J)	
3/16/2020		<0.04
9/16/2020		<0.04
3/17/2021		<0.04
8/9/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	<0.04	
5/24/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/18/2016	<0.04	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/19/2018	<0.04	
9/17/2018	<0.04	
3/21/2019	<0.04	
9/16/2019	<0.04	
3/12/2020		0.0061 (J)
9/16/2020		<0.04
3/17/2021		<0.04
8/10/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	<0.04	
5/24/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/14/2016	<0.04	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	0.0073 (J)	
9/17/2018	0.0046 (J)	
3/21/2019	<0.04	
9/16/2019	<0.04	
3/12/2020		0.0052 (J)
9/16/2020		<0.04
3/17/2021		<0.04
8/10/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.04	
8/2/2016	<0.04	
9/27/2016	0.0073 (J)	
11/21/2016	0.008 (J)	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
7/14/2017	0.007 (J)	
10/3/2017	<0.04	
3/20/2018	0.0064 (J)	
9/18/2018	0.0045 (J)	
3/21/2019	<0.04	
9/13/2019	0.0065 (J)	
3/12/2020		0.0057 (J)
9/16/2020		0.0052 (J)
3/17/2021		<0.04
8/10/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	<0.04	
5/24/2016	<0.04	
8/2/2016	<0.04	
9/27/2016	<0.04	
11/22/2016	0.0115 (J)	
2/6/2017	<0.04	
4/6/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/27/2019	0.0078 (J)	
9/16/2019	<0.04 (D)	
3/12/2020		<0.04
9/17/2020		<0.04
3/17/2021		<0.04
8/10/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	<0.04	
5/25/2016	<0.04	
8/2/2016	<0.04	
9/26/2016	<0.04	
11/21/2016	<0.04	
2/3/2017	<0.04	
4/7/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	<0.04	
9/18/2018	<0.04	
5/6/2019	0.0065 (J)	
9/16/2019	<0.04	
3/16/2020		<0.04
9/17/2020		<0.04
3/18/2021		<0.04
8/10/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	<0.04	
5/26/2016	<0.04	
8/5/2016	<0.04	
9/28/2016	<0.04	
11/21/2016	<0.04	
2/6/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	0.0096 (J)	
9/18/2018	<0.04 (D)	
3/21/2019	0.006 (J)	
9/16/2019	<0.04	
3/12/2020		0.0058 (J)
9/17/2020		<0.04
3/18/2021		<0.04
8/10/2021		<0.04

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	32.6	
5/19/2016	33.4	
7/29/2016	26	
9/23/2016	28.8	
11/9/2016	27.9	
1/30/2017	29.2	
3/30/2017	30	
6/9/2017	30.9	
10/2/2017	31.5	
3/16/2018	28.5	
9/17/2018	30.8	
3/20/2019	30.1	
9/12/2019	31.9	
3/11/2020		31.8
9/15/2020		30.8
3/16/2021		34.6
8/9/2021		32

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	54.1	
5/20/2016	23.9	
7/29/2016	25.3	
9/23/2016	26.6	
11/9/2016	16.1	
1/31/2017	5.68	
3/30/2017	25.2	
6/12/2017	34.2	
10/2/2017	1.69	
3/19/2018	63	
9/14/2018	2.4	
3/20/2019	4.3	
9/12/2019	1.8	
3/11/2020		66.6
9/15/2020		18.4
3/17/2021		40.4
8/9/2021		41

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	46.5	
5/19/2016	24.6	
7/29/2016	14.9	
9/22/2016	15	
11/10/2016	12.6	
1/31/2017	16.5	
4/3/2017	16.6	
6/9/2017	17.8	
10/2/2017	20.6	
3/16/2018	33	
9/14/2018	22.8 (J)	
3/19/2019	59.2	
9/13/2019	27	
3/11/2020		46.8
9/15/2020		21.4
3/16/2021		26.7
8/9/2021		31.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	27.8 (D)	
7/27/2016	21.2 (D)	
2/21/2017	31.7 (D)	
3/27/2017	31.9 (D)	
6/8/2017	35 (D)	
7/17/2017	35.9 (D)	
7/27/2017	34.9 (D)	
8/9/2017	33.7 (D)	
9/29/2017	33.4 (D)	
3/16/2018	32.6	
9/14/2018	29.2	
3/14/2019	33	
9/10/2019	33.8	
3/9/2020		35.6
9/16/2020		34.9
3/16/2021		32.4
8/6/2021		33

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	20	
5/11/2016	9.76	
7/19/2016	3.04	
9/15/2016	4.78	
11/2/2016	2.46	
1/18/2017	5.46	
3/28/2017	13	
6/7/2017	17	
9/26/2017	24.9	
12/28/2017	17.9 (Y)	
3/14/2018	26.4	
9/12/2018	25.1	
3/15/2019	20.3 (X)	
9/9/2019	11.3	
3/9/2020		3.2
9/10/2020		1
3/12/2021		11
8/4/2021		10.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	2.05	
5/23/2016	1.29	
7/29/2016	1.29	
9/22/2016	1.51	
11/10/2016	1.54	
1/31/2017	1.34	
3/30/2017	1.31	
6/12/2017	1.4	
10/4/2017	1.13	
3/19/2018	1.2	
9/17/2018	0.95	
3/20/2019	0.96	
9/13/2019	0.94	
3/11/2020		1
3/29/2021		19
8/9/2021		19.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	24	
5/11/2016	22.1	
7/21/2016	19.3	
9/15/2016	18.2	
11/3/2016	18.2	
1/17/2017	22	
3/24/2017	21.1	
5/24/2017	23.5	
9/26/2017	24.1	
3/14/2018	25.7	
9/12/2018	18.4 (J)	
3/13/2019	23.8 (X)	
9/9/2019	15.4	
3/9/2020		29.4
9/11/2020		17.7
3/10/2021		22.8
8/4/2021		17.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	24	
5/12/2016	15.5	
7/20/2016	16.5	
9/15/2016	6.1	
11/3/2016	13.7	
1/18/2017	13.1	
3/24/2017	17.3	
6/6/2017	29.1	
9/25/2017	17.6	
3/14/2018	39.6	
9/12/2018	14.2 (J)	
3/14/2019	22.7 (X)	
9/10/2019	6	
3/6/2020		29.2
9/10/2020		13.5
3/11/2021		25.9
8/4/2021		15.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	38	
5/13/2016	36	
7/21/2016	33.5	
9/21/2016	31.9	
11/3/2016	28.9	
1/17/2017	31.4	
3/27/2017	31.7	
6/6/2017	42.9	
9/25/2017	29.3	
3/14/2018	41.4	
9/12/2018	29	
3/14/2019	31.9	
9/10/2019	29.6	
3/9/2020		25.5
9/10/2020		22.9
3/10/2021		40.3
8/4/2021		38.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	31	
5/16/2016	32	
7/22/2016	28.5	
9/19/2016	28.6	
11/3/2016	26.6	
1/17/2017	28.7	
3/27/2017	30.4	
6/7/2017	31.3	
9/26/2017	29.5	
3/14/2018	32.6	
9/14/2018	30.5	
3/14/2019	32	
9/10/2019	34	
3/6/2020		38
9/10/2020		31.1
3/11/2021		34.8
8/4/2021		34

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	13	
5/13/2016	18.7	
7/19/2016	12	
9/16/2016	8.48	
11/2/2016	11.4	
1/18/2017	6.81	
3/28/2017	5.61	
6/6/2017	4.99	
9/22/2017	4.24	
3/14/2018	3.6	
9/12/2018	3.7	
3/13/2019	2.9	
9/11/2019	3.2	
3/9/2020		2.6
9/11/2020		9
3/11/2021		2.1
8/6/2021		4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	30	
5/13/2016	27.8	
7/19/2016	25.3	
9/16/2016	27.5	
11/2/2016	26.2	
1/18/2017	26.6	
3/28/2017	29	
6/6/2017	29.3	
9/22/2017	32.2	
12/28/2017	29 (Y)	
3/15/2018	28	
9/12/2018	28.7	
3/13/2019	29.2	
9/11/2019	29.5	
3/9/2020		31.7
9/14/2020		31
3/11/2021		31.2
8/5/2021		29

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	54.7 (D)	
4/7/2017	46.8 (D)	
6/14/2017	52.4 (D)	
7/12/2017	51.1 (D)	
7/20/2017	47.5 (D)	
7/28/2017	44 (D)	
8/9/2017	48.3 (D)	
8/24/2017	41.9 (D)	
10/3/2017	47.7 (D)	
3/21/2018	47.5	
9/18/2018	48.1	
3/21/2019	49.9 (D)	
9/12/2019	49.9 (D)	
3/12/2020		54.2
9/17/2020		48.4
3/16/2021		53.7
8/10/2021		56.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	3.89	
5/23/2016	2.16	
8/1/2016	1.37	
9/26/2016	1.86	
11/10/2016	1.86	
1/30/2017	2.86	
4/7/2017	2.34	
6/12/2017	1.87	
10/2/2017	2.53	
3/16/2018	1.8	
9/17/2018	2.3	
3/19/2019	4.2	
9/13/2019	1.9	
3/11/2020		1.6
9/16/2020		1.7
3/17/2021		1.4
8/9/2021		1.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	7.04	
5/25/2016	13.5	
8/1/2016	2.2	
9/26/2016	5.72	
11/11/2016	2.5	
1/30/2017	2.01	
4/3/2017	6.26	
6/12/2017	7.44	
10/2/2017	6.55	
3/16/2018	2.6	
9/18/2018	1.3	
3/19/2019	4.6	
9/12/2019	3.7	
3/11/2020		1.2
9/15/2020		0.94 (J)
3/17/2021		5.4
8/9/2021		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	36.4	
5/26/2016	37.6	
8/5/2016	30.7	
9/28/2016	32.4	
11/22/2016	31.4	
2/7/2017	30.1	
4/10/2017	23.6	
6/14/2017	34.6	
10/4/2017	35.2	
3/20/2018	12 (J)	
9/18/2018	36.7	
3/22/2019	15.4 (J)	
9/17/2019	36.7	
3/12/2020		18.6
9/17/2020		32.6
3/18/2021		27
8/10/2021		29.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	45	
5/26/2016	41.7	
8/3/2016	35.2	
9/28/2016	39.2	
11/22/2016	37.2	
2/7/2017	38.4	
4/10/2017	38.7	
6/14/2017	40.8	
10/4/2017	40.1	
3/21/2018	43.3	
9/18/2018	45.4	
3/22/2019	37.2	
9/17/2019	40.5	
3/12/2020		43.2
9/17/2020		39
3/18/2021		43.8
8/11/2021		44.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	21.3	
5/26/2016	22.5	
8/3/2016	17.5	
9/28/2016	24.1	
11/22/2016	15.7	
2/8/2017	18.3	
4/10/2017	18.5	
6/15/2017	21	
10/4/2017	9.4	
3/21/2018	19.7 (J)	
9/18/2018	17.6 (J)	
3/23/2019	7.8	
9/17/2019	16.8	
3/12/2020		8
9/21/2020		17.7
3/19/2021		19.7
8/11/2021		9.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	27.9	
5/26/2016	28.7	
8/4/2016	18.6	
9/28/2016	17.7	
11/22/2016	20.2	
2/8/2017	24.3	
4/10/2017	29	
6/15/2017	29	
10/4/2017	23.9	
3/22/2018	27.5	
9/18/2018	26.3	
3/23/2019	28.3	
9/17/2019	27.6	
3/12/2020		32.5
9/21/2020		26
3/19/2021		31.3
8/11/2021		33.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	8.63	
5/27/2016	9.07	
8/3/2016	6.82	
9/30/2016	8.8	
11/22/2016	8.08	
2/13/2017	8.51	
4/11/2017	7.5	
6/14/2017	7.82	
10/4/2017	8.32	
3/22/2018	7.5	
9/18/2018	8.2	
3/23/2019	7.5	
9/17/2019	7.8	
3/12/2020		8.1
9/21/2020		8
3/19/2021		7.8
8/11/2021		8.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	36.9	
5/31/2016	43.9	
8/4/2016	45	
9/29/2016	60.5	
11/28/2016	54.7	
2/9/2017	61	
4/12/2017	52.3	
6/16/2017	62.3	
10/9/2017	58.6	
3/21/2018	40.9	
9/19/2018	45.9	
3/23/2019	29.6	
9/18/2019	40.7	
3/13/2020		33
9/22/2020		43.1
3/18/2021		30.8
8/11/2021		28.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	26.5	
6/1/2016	26.6	
2/22/2017	51.6	
4/11/2017	45.2	
6/16/2017	47.5	
7/12/2017	51.6	
7/28/2017	46	
8/10/2017	52.2	
10/6/2017	42.2	
3/23/2018	41.4	
9/20/2018	47.5	
3/22/2019	40.5	
9/18/2019	42.9	
3/17/2020		44.9
9/22/2020		47.7
3/19/2021		43
8/12/2021		43.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	35.7	
6/1/2016	28.2	
8/9/2016	43	
11/28/2016	24.8	
2/9/2017	21.2	
4/11/2017	21.1	
6/14/2017	20.6	
7/12/2017	17.7	
10/5/2017	20.1	
3/22/2018	18.6 (J)	
9/19/2018	20 (J)	
3/22/2019	16.7 (J)	
9/17/2019	11.4	
3/13/2020		17
9/21/2020		13.1
3/18/2021		13
8/11/2021		14.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	37.7	
5/31/2016	38.4	
8/4/2016	28.6	
9/29/2016	31.4	
11/23/2016	62.5 (o)	
2/10/2017	31.2	
4/12/2017	34.1	
6/15/2017	34.2	
10/6/2017	35.4	
3/23/2018	35.6	
9/19/2018	35.7	
3/25/2019	35.6	
9/17/2019	39.5	
3/13/2020		41
9/21/2020		36.5
3/18/2021		42.1
8/11/2021		38.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	12.2	
5/31/2016	8.24	
11/23/2016	24.5	
2/10/2017	23.8	
4/11/2017	25.7	
6/15/2017	24.8	
7/12/2017	27.7	
7/26/2017	25.6	
10/6/2017	24.7	
3/23/2018	24.3 (J)	
9/19/2018	23.7 (J)	
3/22/2019	21.3 (J)	
9/17/2019	22.1	
3/13/2020		24.2
9/21/2020		22.6
3/18/2021		27.4
8/11/2021		25.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	5.5	
5/16/2016	4.3	
7/25/2016	1.41	
9/19/2016	1.01	
11/3/2016	0.884	
1/19/2017	1.41	
3/28/2017	4.23	
6/5/2017	10.1	
9/26/2017	4.14	
3/15/2018	9	
9/12/2018	4.1	
3/14/2019	17.2 (X)	
9/11/2019	7.1	
3/10/2020		16.9
9/15/2020		8.3
3/11/2021		11.9
8/4/2021		12.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.8 (D)	
5/16/2016	0.877 (D)	
7/25/2016	0.781 (D)	
9/19/2016	0.775 (D)	
11/4/2016	0.792 (D)	
1/23/2017	0.782 (D)	
3/29/2017	0.756 (D)	
6/7/2017	0.944	
9/27/2017	0.773	
3/15/2018	0.77	
9/13/2018	0.79	
3/14/2019	0.9 (D)	
9/11/2019	0.83 (D)	
3/10/2020		0.89 (J)
9/11/2020		0.81 (J)
3/11/2021		0.93 (J)
8/6/2021		0.94 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	36 (D)	
5/16/2016	37.4 (D)	
7/25/2016	30.2 (D)	
9/19/2016	32.3 (D)	
11/3/2016	29.3 (D)	
1/20/2017	28.7 (D)	
3/29/2017	34.9 (D)	
6/7/2017	30.9	
9/27/2017	34.2	
3/15/2018	34.6	
9/13/2018	36.1	
3/14/2019	37 (D)	
9/11/2019	37.2 (D)	
3/10/2020		43.5
9/11/2020		35.3
3/11/2021		43.1
8/6/2021		40.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	50	
5/17/2016	50.5	
7/26/2016	40.7	
9/20/2016	38.8	
11/4/2016	40.7	
1/20/2017	38.8	
3/28/2017	48.3	
6/7/2017	43.4	
9/29/2017	46.6	
3/15/2018	46.2	
9/13/2018	45.3	
3/18/2019	46.1	
9/11/2019	43.1	
3/10/2020		51.6
9/14/2020		40.2
3/11/2021		45.2
8/5/2021		43.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	26	
5/18/2016	26.2	
7/27/2016	19.3	
9/20/2016	25.3	
11/7/2016	23.6	
1/23/2017	25.1	
3/29/2017	28.9	
6/8/2017	25.6	
9/27/2017	23.8	
3/15/2018	21.6 (J)	
9/13/2018	23.8 (J)	
3/15/2019	20.4 (X)	
9/12/2019	21.1	
3/9/2020		22.3
9/14/2020		20.9
3/11/2021		21.1
8/5/2021		20.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	25	
5/18/2016	27.6	
7/27/2016	23.9	
9/20/2016	28.9	
11/4/2016	32.1	
1/20/2017	31.8	
3/29/2017	34.6	
6/8/2017	34	
9/27/2017	30.8	
3/16/2018	30.2	
9/13/2018	30.9	
3/19/2019	28.4	
9/11/2019	33.3	
3/9/2020		35
9/15/2020		31.6
3/11/2021		31.8
8/5/2021		29

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	12	
5/17/2016	3.25	
7/27/2016	3.2	
9/20/2016	2.72	
11/4/2016	1.69	
1/23/2017	<0.5	
3/28/2017	1.72	
6/8/2017	3.11	
9/29/2017	2.71	
3/15/2018	3.5	
9/13/2018	2.5	
3/15/2019	4.4	
9/11/2019	2.9	
3/9/2020		4.5
9/14/2020		3.5
3/11/2021		5.9
8/4/2021		2.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	24	
5/18/2016	27.7	
7/27/2016	21.7	
9/21/2016	24.9	
11/4/2016	23.6	
1/24/2017	23	
3/29/2017	27.5	
6/8/2017	27.1	
9/29/2017	25.3	
3/15/2018	24.4 (J)	
9/13/2018	22.8 (J)	
3/18/2019	31	
9/11/2019	24.3	
3/11/2020		27.1
9/11/2020		24.7
3/15/2021		24.7
8/11/2021		27.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	6.4	
5/18/2016	4.63	
7/28/2016	2.25	
9/21/2016	1.86	
11/7/2016	1.65	
1/24/2017	1.62	
3/30/2017	1.27	
6/9/2017	1.18	
9/29/2017	0.967	
3/15/2018	0.81	
9/14/2018	0.7	
3/19/2019	1.1	
9/11/2019	0.78	
3/9/2020		0.87 (J)
9/14/2020		0.65 (J)
3/15/2021		0.69 (J)
8/5/2021		0.67 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	4.29	
5/25/2016	7.15	
8/1/2016	3.35	
9/27/2016	2.89	
11/11/2016	3.33	
1/31/2017	3.21	
4/3/2017	2.57	
6/12/2017	6.22	
10/3/2017	2.45	
3/19/2018	3.3	
9/17/2018	2	
3/20/2019	2.7	
9/16/2019	2.8	
3/16/2020		12.1
9/16/2020		2.8
3/17/2021		3
8/9/2021		2.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	13.8	
5/24/2016	14.8	
9/26/2016	13.3	
11/18/2016	12.4	
2/1/2017	13.3	
4/6/2017	13.4	
6/13/2017	14.6	
10/3/2017	13.9	
3/19/2018	14.4 (J)	
9/17/2018	12.4 (J)	
3/21/2019	14.9 (J)	
9/16/2019	13.5	
3/12/2020		16.2
9/16/2020		14.3
3/17/2021		14.1
8/10/2021		14.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	11.1	
5/24/2016	12.6	
9/26/2016	11.8	
11/14/2016	11.3	
2/1/2017	12.6	
4/6/2017	9.84	
6/13/2017	13	
10/3/2017	13.7	
3/20/2018	11.5 (J)	
9/17/2018	11 (J)	
3/21/2019	8.3	
9/16/2019	9.5	
3/12/2020		9.3
9/16/2020		8.8
3/17/2021		9.5
8/10/2021		9.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	25.7	
8/2/2016	22.9	
9/27/2016	22.2	
11/21/2016	22.1	
2/1/2017	21.7	
4/6/2017	21.4	
6/13/2017	24.4	
7/14/2017	24.8	
10/3/2017	23.6	
3/20/2018	22.9 (J)	
9/18/2018	20.8 (J)	
3/21/2019	25.2	
9/13/2019	24.6	
3/12/2020		26.4
9/16/2020		24.4
3/17/2021		23.9
8/10/2021		26.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	22.2	
5/24/2016	25.2	
8/2/2016	20.8	
9/27/2016	23.1	
11/22/2016	22.3	
2/6/2017	21.4	
4/6/2017	21.1	
6/14/2017	22.1	
10/4/2017	23.1	
3/21/2018	22.5 (J)	
9/18/2018	20.8 (J)	
3/27/2019	20.6 (J)	
9/16/2019	23	
3/12/2020		21.8
9/17/2020		21.4
3/17/2021		22.4
8/10/2021		23.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	25.1	
5/25/2016	23.7	
8/2/2016	21.5	
9/26/2016	21.4	
11/21/2016	21	
2/3/2017	20	
6/13/2017	21.5	
10/3/2017	22.8	
3/20/2018	20.3 (J)	
9/18/2018	15.5 (J)	
5/6/2019	20 (J)	
9/16/2019	20.3	
3/16/2020		19.4
9/17/2020		18.1
3/18/2021		9.6
8/10/2021		20

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	9.07	
5/26/2016	15.8	
8/5/2016	20.5	
9/28/2016	24.9	
11/21/2016	23.4	
2/6/2017	1.7	
4/6/2017	1.6	
6/13/2017	3.82	
10/3/2017	9.77	
3/20/2018	1.4	
9/18/2018	3.35 (D)	
3/21/2019	4.8	
9/16/2019	12	
3/12/2020		1.8
9/17/2020		18.3
3/18/2021		1.9
8/10/2021		1.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	0.0614 (J)	
5/19/2016	0.064 (J)	
7/29/2016	0.11 (J)	
9/23/2016	0.03 (J)	
11/9/2016	0.1 (J)	
1/30/2017	<0.1	
3/30/2017	0.01 (J)	
6/9/2017	0.04 (J)	
10/2/2017	0.07 (J)	
3/16/2018	0.029 (J)	
9/17/2018	<0.1 (D)	
3/20/2019	<0.1	
9/12/2019	0.051 (J)	
3/11/2020		0.052 (J)
9/15/2020		0.05 (J)
3/16/2021		<0.1
8/9/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	0.0477 (J)	
5/20/2016	0.033 (J)	
7/29/2016	0.16 (J)	
9/23/2016	0.1 (J)	
11/9/2016	0.04 (J)	
1/31/2017	<0.1	
3/30/2017	0.02 (J)	
6/12/2017	0.17 (J)	
10/2/2017	<0.1	
3/19/2018	1.1 (O)	
9/14/2018	<0.1	
3/20/2019	<0.1	
9/12/2019	<0.1 (D)	
3/11/2020		<0.1
9/15/2020		<0.1
3/17/2021		<0.1
8/9/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	0.0826 (J)	
5/19/2016	0.0409 (J)	
7/29/2016	0.07 (J)	
9/22/2016	<0.1	
11/10/2016	0.03 (J)	
1/31/2017	<0.1	
4/3/2017	0.02 (J)	
6/9/2017	0.06 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/14/2018	<0.1	
3/19/2019	0.056 (J)	
9/13/2019	0.055 (J)	
3/11/2020		0.052 (J)
9/15/2020		<0.1
3/16/2021		<0.1
8/9/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0202 (JD)	
7/27/2016	0.08 (JD)	
2/21/2017	0.17 (JD)	
3/27/2017	0.09 (JD)	
6/8/2017	0.05 (JD)	
7/17/2017	0.05 (JD)	
7/27/2017	0.08 (JD)	
8/9/2017	<0.1 (*)	
9/29/2017	0.04 (JD)	
3/16/2018	0.27 (J)	
9/14/2018	0.1 (J)	
3/14/2019	0.066 (X)	
9/10/2019	0.055 (X)	
3/9/2020		<0.1
9/16/2020		<0.1
3/16/2021		<0.1
8/6/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.0657 (J)	
5/11/2016	0.0401 (J)	
7/19/2016	<0.1	
9/15/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	0.03 (J)	
3/28/2017	0.06 (J)	
6/7/2017	0.06 (J)	
9/26/2017	0.04 (J)	
3/14/2018	0.14 (J)	
9/12/2018	<0.1	
3/15/2019	<0.1	
9/9/2019	0.054 (X)	
3/9/2020		<0.1
9/10/2020		<0.1
3/12/2021		0.051 (J)
8/4/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<0.3	
5/23/2016	<0.3	
7/29/2016	<0.3	
9/22/2016	<0.3	
11/10/2016	<0.3	
1/31/2017	<0.3	
3/30/2017	<0.3	
6/12/2017	<0.3	
10/4/2017	<0.3	
3/19/2018	<0.3	
9/17/2018	<0.3	
3/20/2019	<0.3	
9/13/2019	<0.3	
3/11/2020		<0.3
3/29/2021		0.053 (J)
8/9/2021		0.055 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.1	
5/11/2016	0.0255 (J)	
7/21/2016	<0.1	
9/19/2016	<0.1	
11/3/2016	0.11 (J)	
1/17/2017	0.02 (J)	
3/24/2017	<0.1	
5/24/2017	<0.1	
9/26/2017	<0.1	
3/14/2018	0.055 (J)	
9/12/2018	<0.1	
3/13/2019	0.045 (X)	
9/9/2019	<0.1	
3/9/2020		<0.1
9/11/2020		<0.1
3/10/2021		<0.1
8/4/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	0.0285 (J)	
5/12/2016	0.022 (J)	
7/20/2016	<0.1	
9/15/2016	<0.1	
11/3/2016	0.05 (J)	
1/18/2017	0.02 (J)	
3/24/2017	<0.1	
6/6/2017	<0.1	
9/25/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/14/2019	0.039 (X)	
9/10/2019	<0.1	
3/6/2020		<0.1
9/10/2020		<0.1
3/11/2021		<0.1
8/4/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.0394 (J)	
5/13/2016	0.0234 (J)	
7/21/2016	<0.1	
9/21/2016	<0.1	
11/3/2016	0.12 (J)	
1/17/2017	0.01 (J)	
3/27/2017	<0.1	
6/6/2017	<0.1	
9/25/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/14/2019	0.04 (X)	
9/10/2019	<0.1	
3/9/2020		<0.1
9/10/2020		<0.1
3/10/2021		<0.1
8/4/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.0296 (J)	
5/16/2016	0.0287 (J)	
7/22/2016	0.04 (J)	
9/19/2016	<0.1	
11/3/2016	0.04 (J)	
1/17/2017	0.02 (J)	
3/27/2017	<0.1	
6/7/2017	<0.1	
9/26/2017	<0.1	
3/14/2018	0.06 (J)	
9/14/2018	<0.1	
3/14/2019	0.058 (X)	
9/10/2019	<0.1	
3/6/2020		<0.1
9/10/2020		<0.1
3/11/2021		<0.1
8/4/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0329 (J)	
5/13/2016	0.0459 (J)	
7/19/2016	<0.1	
9/16/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	<0.1	
3/28/2017	<0.1	
6/6/2017	<0.1	
9/22/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/13/2019	<0.1	
9/11/2019	<0.1	
3/9/2020		<0.1
9/11/2020		<0.1
3/11/2021		<0.1
8/6/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.0141 (J)	
5/13/2016	0.0141 (J)	
7/19/2016	<0.1	
9/16/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	0.02 (J)	
3/28/2017	<0.1	
6/6/2017	<0.1	
9/22/2017	<0.1	
3/15/2018	<0.1	
9/12/2018	<0.1	
3/13/2019	0.036 (X)	
9/11/2019	<0.1	
3/9/2020		<0.1
9/14/2020		<0.1
3/11/2021		<0.1
8/5/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.3 (D)	
4/7/2017	0.19 (JD)	
6/14/2017	0.19 (JD)	
7/12/2017	0.18 (JD)	
7/20/2017	0.17 (JD)	
7/28/2017	0.13 (JD)	
8/9/2017	0.17 (D)	
8/24/2017	0.16 (JD)	
10/3/2017	0.17 (JD)	
3/21/2018	0.24 (J)	
9/18/2018	<0.3	
3/21/2019	0.19 (JD)	
9/12/2019	0.1 (JD)	
3/12/2020		0.18 (J)
9/17/2020		0.12 (J)
3/16/2021		0.1
8/10/2021		0.087 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	0.0314 (J)	
5/23/2016	0.027 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/10/2016	0.04 (J)	
1/30/2017	<0.1	
4/7/2017	<0.1	
6/12/2017	0.07 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/17/2018	<0.1	
3/19/2019	<0.1	
9/13/2019	<0.1	
3/11/2020		<0.1
9/16/2020		<0.1
3/17/2021		<0.1
8/9/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	0.0326 (J)	
5/25/2016	0.0285 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/11/2016	<0.1	
1/30/2017	<0.1	
4/3/2017	0.04 (J)	
6/12/2017	0.06 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/18/2018	<0.1	
3/19/2019	<0.1	
9/12/2019	<0.1	
3/11/2020		<0.1
9/15/2020		<0.1
3/17/2021		<0.1
8/9/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	0.0389 (J)	
5/26/2016	0.0375 (J)	
8/5/2016	0.03 (J)	
9/28/2016	<0.1	
11/22/2016	0.04 (J)	
2/7/2017	<0.1	
4/10/2017	<0.1	
6/14/2017	0.02 (J)	
10/4/2017	<0.1	
3/20/2018	<0.1	
9/18/2018	<0.1	
3/22/2019	0.045 (J)	
9/17/2019	<0.1	
3/12/2020		<0.1
9/17/2020		<0.1
3/18/2021		<0.1
8/10/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	0.0209 (J)	
5/26/2016	0.037 (J)	
8/3/2016	<0.1	
9/28/2016	0.05 (J)	
11/22/2016	0.04 (J)	
2/7/2017	<0.1	
4/10/2017	<0.1	
6/14/2017	<0.1	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/12/2020		<0.1
9/17/2020		<0.1
3/18/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	0.0357 (J)	
5/26/2016	0.042 (J)	
8/3/2016	0.04 (J)	
9/28/2016	<0.1	
11/22/2016	0.06 (J)	
2/8/2017	0.05 (J)	
4/10/2017	<0.1	
6/15/2017	0.03 (J)	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1	
3/12/2020		<0.1
9/21/2020		<0.1
3/19/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	0.022 (J)	
5/26/2016	0.023 (J)	
8/4/2016	0.05 (J)	
9/28/2016	<0.1	
11/22/2016	0.04 (J)	
2/8/2017	<0.1	
4/10/2017	<0.1	
6/15/2017	<0.1	
10/4/2017	<0.1	
3/22/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1	
3/12/2020		<0.1
9/21/2020		<0.1
3/19/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	0.035 (J)	
5/27/2016	0.032 (J)	
8/3/2016	<0.1	
9/30/2016	<0.1	
11/22/2016	0.03 (J)	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/14/2017	0.01 (J)	
10/4/2017	<0.1	
3/22/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1 (D)	
3/12/2020		<0.1
9/21/2020		<0.1
3/19/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	0.026 (J)	
5/31/2016	0.0234 (J)	
8/4/2016	0.09 (J)	
9/29/2016	<0.1	
11/28/2016	0.08 (J)	
2/9/2017	0.24 (J)	
4/12/2017	<0.1	
6/16/2017	0.04 (J)	
10/9/2017	<0.1	
3/21/2018	<0.1	
9/19/2018	<0.1	
3/23/2019	<0.1	
9/18/2019	<0.1	
3/13/2020		<0.1
9/22/2020		<0.1
3/18/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	0.044 (J)	
6/1/2016	0.0338 (J)	
2/22/2017	0.22 (J)	
4/11/2017	0.16 (J)	
6/16/2017	0.2 (J)	
7/12/2017	0.2 (J)	
7/28/2017	0.18 (J)	
8/10/2017	<0.3	
10/6/2017	0.14 (J)	
3/23/2018	0.24 (J)	
9/20/2018	<0.3	
3/22/2019	0.12 (J)	
9/18/2019	0.17 (X)	
3/17/2020		0.11 (J)
9/22/2020		0.1 (J)
3/19/2021		0.12
8/12/2021		0.11

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	1.78243 (J,O)	
6/1/2016	0.0148 (J)	
8/9/2016	0.04 (J)	
11/28/2016	0.07 (J)	
2/9/2017	0.08 (J)	
4/11/2017	<0.1	
6/14/2017	0.01 (J)	
7/12/2017	0.05 (J)	
10/5/2017	<0.1	
3/22/2018	<0.1	
9/19/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/13/2020		<0.1
9/21/2020		<0.1
3/18/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	0.00288 (J)	
5/31/2016	0.0233 (J)	
8/4/2016	<0.1	
9/29/2016	<0.1	
11/23/2016	0.04 (J)	
2/10/2017	<0.1	
4/12/2017	<0.1	
6/15/2017	0.06 (J)	
10/6/2017	<0.1	
3/23/2018	<0.1	
9/19/2018	<0.1	
3/25/2019	<0.1	
9/17/2019	<0.1	
3/13/2020		<0.1
9/21/2020		<0.1
3/18/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	0.011 (J)	
5/31/2016	0.0669 (J)	
11/23/2016	0.03 (J)	
2/10/2017	<0.1	
4/11/2017	<0.1	
6/15/2017	0.02 (J)	
7/12/2017	0.04 (J)	
7/26/2017	0.03 (J)	
10/6/2017	<0.1	
3/23/2018	<0.1	
9/19/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/13/2020		<0.1
9/21/2020		<0.1
3/18/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00218 (J)	
5/16/2016	0.0415 (J)	
7/25/2016	0.14 (J)	
9/19/2016	<0.1	
11/3/2016	0.06 (J)	
1/19/2017	0.009 (J)	
3/28/2017	0.04 (J)	
6/5/2017	0.06 (J)	
7/20/2017	0.21 (J)	
9/26/2017	0.14 (J)	
3/15/2018	0.11 (J)	
9/12/2018	0.062 (J)	
3/14/2019	0.13 (X)	
9/11/2019	<0.1	
3/10/2020		0.13 (J)
9/15/2020		<0.1
3/11/2021		<0.1
8/4/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.1 (D)	
5/16/2016	<0.1 (D)	
7/25/2016	0.02 (JD)	
9/19/2016	<0.1 (D)	
11/4/2016	0.04 (JD)	
1/23/2017	0.006 (JD)	
3/29/2017	<0.1 (D)	
6/7/2017	<0.1	
9/27/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/14/2019	<0.1 (D)	
9/11/2019	<0.1 (D)	
3/10/2020		<0.1
9/11/2020		<0.1
3/11/2021		<0.1
8/6/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.00957 (JD)	
5/16/2016	0.0161 (JD)	
7/25/2016	0.14 (JD)	
9/19/2016	<0.1 (D)	
11/3/2016	0.08 (JD)	
1/20/2017	0.01 (JD)	
3/29/2017	<0.1 (D)	
6/7/2017	<0.1	
9/27/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/14/2019	0.039 (D)	
9/11/2019	<0.1 (D)	
3/10/2020		<0.1
9/11/2020		<0.1
3/11/2021		<0.1
8/6/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.00697 (J)	
5/17/2016	0.0281 (J)	
7/26/2016	<0.1	
9/20/2016	<0.1	
11/4/2016	0.05 (J)	
1/20/2017	0.01 (J)	
3/28/2017	<0.1	
6/7/2017	<0.1	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/18/2019	<0.1	
9/11/2019	<0.1	
3/10/2020		<0.1
9/14/2020		<0.1
3/11/2021		<0.1
8/5/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.00337 (J)	
5/18/2016	0.059 (J)	
7/27/2016	0.1 (J)	
9/20/2016	0.04 (J)	
11/7/2016	0.1 (J)	
1/23/2017	0.13 (J)	
3/29/2017	0.04 (J)	
6/8/2017	0.05 (J)	
9/27/2017	0.04 (J)	
3/15/2018	<0.1	
9/13/2018	0.047 (J)	
3/15/2019	<0.1	
9/12/2019	<0.1	
3/9/2020		<0.1
9/14/2020		<0.1
3/11/2021		<0.1
8/5/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.00202 (J)	
5/18/2016	0.065 (J)	
7/27/2016	0.09 (J)	
9/20/2016	<0.1	
11/4/2016	0.04 (J)	
1/20/2017	0.009 (J)	
3/29/2017	<0.1	
6/8/2017	<0.1 (*)	
9/27/2017	<0.1	
3/16/2018	0.13 (J)	
9/13/2018	<0.1	
3/19/2019	<0.1	
9/11/2019	<0.1	
3/9/2020		<0.1
9/15/2020		<0.1
3/11/2021		<0.1
8/5/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00797 (J)	
5/17/2016	0.0156 (J)	
7/27/2016	<0.1	
9/20/2016	0.03 (J)	
11/4/2016	0.06 (J)	
1/23/2017	0.02 (J)	
3/28/2017	<0.1	
6/8/2017	0.06 (J)	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/15/2019	<0.1	
9/11/2019	<0.1	
3/9/2020		<0.1
9/14/2020		<0.1
3/11/2021		<0.1
8/4/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.1	
5/18/2016	0.022 (J)	
7/27/2016	0.07 (J)	
9/21/2016	<0.1	
11/4/2016	0.03 (J)	
1/24/2017	<0.1	
3/29/2017	<0.1	
6/8/2017	<0.1 (*)	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/18/2019	<0.1	
9/11/2019	<0.1	
3/11/2020		<0.1
9/11/2020		<0.1
3/15/2021		<0.1
8/11/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0 (J)	
5/18/2016	0.015 (J)	
7/28/2016	0.08 (J)	
9/21/2016	<0.1	
11/7/2016	<0.1	
1/24/2017	<0.1	
3/30/2017	<0.1	
6/9/2017	<0.1	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/14/2018	<0.1	
3/19/2019	<0.1	
9/11/2019	<0.1	
3/9/2020		<0.1
9/14/2020		<0.1
3/15/2021		<0.1
8/5/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	0.00421 (J)	
5/25/2016	0.0207 (J)	
8/1/2016	<0.1	
9/27/2016	<0.1	
11/11/2016	0.04 (J)	
1/31/2017	<0.1	
4/3/2017	<0.1	
6/12/2017	0.02 (J)	
10/3/2017	<0.1	
3/19/2018	<0.1	
9/17/2018	<0.1	
3/20/2019	<0.1	
9/16/2019	<0.1	
3/16/2020		<0.1
9/16/2020		<0.1
3/17/2021		<0.1
8/9/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	0.0376 (J)	
5/24/2016	0.023 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/18/2016	0.02 (J)	
2/1/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	0.006 (J)	
10/3/2017	<0.1	
3/19/2018	<0.1	
9/17/2018	<0.1	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020		<0.1
9/16/2020		<0.1
3/17/2021		<0.1
8/10/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	0.00363 (J)	
5/24/2016	0.0286 (J)	
8/1/2016	0.08 (J)	
9/26/2016	<0.1	
11/14/2016	0.08 (J)	
2/1/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	0.05 (J)	
10/3/2017	<0.1	
3/20/2018	<0.1	
9/17/2018	<0.1	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020		<0.1
9/16/2020		<0.1
3/17/2021		<0.1
8/10/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	0.043 (J)	
8/2/2016	<0.1	
9/27/2016	<0.1	
11/21/2016	0.22 (J)	
2/1/2017	<0.1	
4/6/2017	0.008 (J)	
6/13/2017	0.03 (J)	
7/14/2017	0.05 (J)	
10/3/2017	0.06 (J)	
3/20/2018	<0.1	
9/18/2018	<0.1	
3/21/2019	<0.1	
9/13/2019	<0.1	
3/12/2020		<0.1
9/16/2020		<0.1
3/17/2021		<0.1
8/10/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	0.00345 (J)	
5/24/2016	0.019 (J)	
8/2/2016	<0.1	
9/27/2016	<0.1	
11/22/2016	0.02 (J)	
2/6/2017	<0.1	
4/6/2017	<0.1	
6/14/2017	<0.1	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/27/2019	<0.1	
9/16/2019	<0.1 (D)	
3/12/2020		<0.1
9/17/2020		<0.1
3/17/2021		<0.1
8/10/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	0.00323 (J)	
5/25/2016	0.0345 (J)	
8/2/2016	0.08 (J)	
9/26/2016	0.07 (J)	
11/21/2016	0.07 (J)	
2/3/2017	<0.1	
4/7/2017	0.03 (J)	
6/13/2017	0.05 (J)	
10/3/2017	0.1 (J)	
3/20/2018	<0.1	
9/18/2018	<0.1	
5/6/2019	<0.1	
9/16/2019	<0.1	
3/16/2020		<0.1
9/17/2020		<0.1
3/18/2021		<0.1
8/10/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	0.0518 (J)	
5/26/2016	0.0307 (J)	
8/5/2016	<0.1	
9/28/2016	<0.1	
11/21/2016	0.05 (J)	
2/6/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	<0.1	
10/3/2017	<0.1	
3/20/2018	<0.1	
9/18/2018	<0.1 (D)	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020		<0.1
9/17/2020		<0.1
3/18/2021		<0.1
8/10/2021		<0.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	2.3685	
5/19/2016	2.14	
7/29/2016	1.9	
9/23/2016	2	
11/9/2016	1.6	
1/30/2017	1.8	
3/30/2017	1.6	
6/9/2017	1.7	
10/2/2017	1.8	
3/16/2018	1.5	
9/17/2018	1.3 (D)	
3/20/2019	1.5	
9/12/2019	0.98 (J)	
3/11/2020		0.94 (J)
9/15/2020		0.96 (J)
3/16/2021		0.99 (J)
8/9/2021		1.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	105.552	
5/20/2016	44.3	
7/29/2016	48	
9/23/2016	43	
11/9/2016	31	
1/31/2017	4.2	
3/30/2017	53	
6/12/2017	95	
10/2/2017	3.5	
3/19/2018	147	
9/14/2018	7.7	
3/20/2019	3.6	
9/12/2019	5.2	
3/11/2020		131
9/15/2020		35.3
3/17/2021		90.7
8/9/2021		84.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	26.8249	
5/19/2016	3.81	
7/29/2016	1.1	
9/22/2016	0.96 (J)	
11/10/2016	0.72 (J)	
1/31/2017	1.5	
4/3/2017	1.3	
6/9/2017	1.2	
10/2/2017	1.7	
3/16/2018	14.8 (J)	
9/14/2018	2.1	
3/19/2019	32.5 (J)	
9/13/2019	3.8	
3/11/2020		34.3
9/15/2020		1
3/16/2021		3.3
8/9/2021		1.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	2.4 (D)	
7/27/2016	3.6 (D)	
2/21/2017	26 (D)	
3/27/2017	10 (D)	
6/8/2017	6.7 (D)	
7/17/2017	6.4 (D)	
7/27/2017	18 (D)	
8/9/2017	18 (D)	
9/29/2017	21 (D)	
3/16/2018	15.5	
9/14/2018	11.6	
3/14/2019	9.3	
9/10/2019	14	
3/9/2020		5.8
9/16/2020		8.6
3/16/2021		3.5
8/6/2021		4.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	4.2598	
5/11/2016	6.05	
7/19/2016	9.5	
9/15/2016	6.7	
11/2/2016	5.4	
1/18/2017	5.5	
3/28/2017	2.9	
6/7/2017	2.3	
9/26/2017	3.2	
3/14/2018	3.8	
9/12/2018	3.7	
3/15/2019	3	
9/9/2019	2.4	
3/9/2020		0.84 (J)
9/10/2020		0.95 (J)
3/12/2021		2
8/4/2021		1.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	0.8724 (J)	
5/23/2016	0.805 (J)	
7/29/2016	0.84 (J)	
9/22/2016	0.94 (J)	
11/10/2016	1.1	
1/31/2017	0.92 (J)	
3/30/2017	0.77 (J)	
6/12/2017	0.68 (J)	
10/4/2017	0.5 (J)	
3/19/2018	0.49 (J)	
9/17/2018	0.36 (J)	
3/20/2019	0.38 (J)	
9/13/2019	<1	
3/11/2020		<1
3/29/2021		5.4
8/9/2021		5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	1.2104	
5/11/2016	1.28	
7/21/2016	0.91 (J)	
9/19/2016	1.3	
11/3/2016	1.5	
1/17/2017	<1.2 (*)	
3/24/2017	0.86 (J)	
5/24/2017	1.2	
9/26/2017	4.2	
12/28/2017	7.4 (Y)	
3/14/2018	3.8	
9/12/2018	1.7	
3/13/2019	2.1	
9/9/2019	1.6	
3/9/2020		1.2
9/11/2020		1.3
3/10/2021		1.5
8/4/2021		1.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	4.9347	
5/12/2016	2.3	
7/20/2016	2	
9/15/2016	1.1	
11/3/2016	1.6	
1/18/2017	1.5	
3/24/2017	1.6	
6/6/2017	4.1	
9/25/2017	1.9	
3/14/2018	11.5	
9/12/2018	1.8	
3/14/2019	6.2	
9/10/2019	1.2	
3/6/2020		10
9/10/2020		1.7
3/11/2021		6.1
8/4/2021		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	6.4987	
5/13/2016	3.68	
7/21/2016	4.5	
9/21/2016	2.8	
11/3/2016	6.7	
1/17/2017	<1.1 (*)	
3/27/2017	0.85 (J)	
6/6/2017	6.1	
9/25/2017	3.5	
3/14/2018	10.9 (J)	
9/12/2018	3.7	
3/14/2019	8.9	
9/10/2019	8.4	
3/9/2020		8.5
9/10/2020		5.9
3/10/2021		8.4
8/4/2021		6.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	1.4538	
5/16/2016	1.18	
7/22/2016	1.8	
9/19/2016	1.4	
11/3/2016	1.6	
1/17/2017	<1.8 (*)	
3/27/2017	2	
6/7/2017	1.9	
9/26/2017	2	
3/14/2018	2.1	
9/14/2018	1.6	
3/14/2019	2.2	
9/10/2019	1.2	
3/6/2020		1.7
9/10/2020		0.95 (J)
3/11/2021		1.6
8/4/2021		1.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	1.1313	
5/13/2016	1.96	
7/19/2016	1.3	
9/16/2016	1.1	
11/2/2016	1.2	
1/18/2017	0.84 (J)	
3/28/2017	0.7 (J)	
6/6/2017	0.47 (J)	
9/22/2017	0.59 (J)	
3/14/2018	0.39 (J)	
9/12/2018	0.3 (J)	
3/13/2019	0.43 (X)	
9/11/2019	<1	
3/9/2020		<1
9/11/2020		<1
3/11/2021		<1
8/6/2021		<1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	3.8282	
5/13/2016	3.56	
7/19/2016	5.6	
9/16/2016	6.7	
11/2/2016	8.1	
1/18/2017	8.9	
3/28/2017	8.2	
6/6/2017	7	
9/22/2017	8.3	
3/15/2018	5.1	
9/12/2018	5.6	
3/13/2019	4.4	
9/11/2019	5	
3/9/2020		3.9
9/14/2020		4.9
3/11/2021		4.3
8/5/2021		2.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	22 (D)	
4/7/2017	18 (D)	
6/14/2017	20 (D)	
7/12/2017	18 (D)	
7/20/2017	20 (D)	
7/28/2017	18 (D)	
8/9/2017	19 (D)	
8/24/2017	21 (D)	
10/3/2017	25 (D)	
12/28/2017	26 (Y)	
3/21/2018	25.4	
9/18/2018	22.8	
3/21/2019	24.9 (D)	
9/12/2019	16.5 (D)	
3/12/2020		20.8
9/17/2020		20.3
3/16/2021		22.1
8/10/2021		20.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	0.7283 (J)	
5/23/2016	0.728 (J)	
8/1/2016	0.78 (J)	
9/26/2016	0.82 (J)	
11/10/2016	0.92 (J)	
1/30/2017	<1	
4/7/2017	0.82 (J)	
6/12/2017	0.78 (J)	
10/2/2017	0.71 (J)	
3/16/2018	0.67 (J)	
9/17/2018	0.47 (J)	
3/19/2019	0.52 (J)	
9/13/2019	0.55 (J)	
3/11/2020		<1
9/16/2020		<1
3/17/2021		<1
8/9/2021		<1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	0.9594 (J)	
5/25/2016	1.59	
8/1/2016	1	
9/26/2016	1.2	
11/11/2016	1.2	
1/30/2017	<1	
4/3/2017	1.3	
6/12/2017	1.1	
10/2/2017	1.1	
3/16/2018	0.87 (J)	
9/18/2018	0.87 (J)	
3/19/2019	0.97 (J)	
9/12/2019	0.8 (J)	
3/11/2020		0.85 (J)
9/15/2020		0.54 (J)
3/17/2021		0.86 (J)
8/9/2021		0.77 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	1.17	
5/26/2016	1.01	
8/5/2016	1.1	
9/28/2016	1	
11/22/2016	1.8	
2/7/2017	1.7	
4/10/2017	1.9	
6/14/2017	1.1	
10/4/2017	1.8	
3/20/2018	1.4	
9/18/2018	1.6	
3/22/2019	1.6	
9/17/2019	1.2	
3/12/2020		1.3
9/17/2020		0.87 (J)
3/18/2021		1.2
8/10/2021		1.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	1.5	
5/26/2016	1.51	
8/3/2016	1.4	
9/28/2016	1.6	
11/22/2016	1.6	
2/7/2017	2	
4/10/2017	1.7	
6/14/2017	1.4	
10/4/2017	1.4	
3/21/2018	1.1	
9/18/2018	1.9	
3/22/2019	1.3	
9/17/2019	1.6	
3/12/2020		0.99 (J)
9/17/2020		0.95 (J)
3/18/2021		0.96 (J)
8/11/2021		1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	2.57	
5/26/2016	2.5	
8/3/2016	3	
9/28/2016	2.3	
11/22/2016	3.8	
2/8/2017	3.1	
4/10/2017	2.5	
6/15/2017	2.5	
10/4/2017	2.5	
3/21/2018	2.4	
9/18/2018	2.8	
3/23/2019	2.1	
9/17/2019	2.6	
3/12/2020		1.8
9/21/2020		2
3/19/2021		1.9
8/11/2021		1.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	2.99	
5/26/2016	2.68	
8/4/2016	3.6	
9/28/2016	4.4	
11/22/2016	3.8	
2/8/2017	2.7	
4/10/2017	2.2	
6/15/2017	2.3	
10/4/2017	2.8	
3/22/2018	2.2	
9/18/2018	2.6	
3/23/2019	2.1	
9/17/2019	2	
3/12/2020		1.5
9/21/2020		1.8
3/19/2021		1.5
8/11/2021		1.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	0.3574 (J)	
5/27/2016	<1	
8/3/2016	0.35 (J)	
9/30/2016	0.47 (J)	
11/22/2016	0.36 (J)	
2/13/2017	0.79 (J)	
4/11/2017	0.42 (J)	
6/14/2017	0.3 (J)	
10/4/2017	0.36 (J)	
3/22/2018	0.3 (J)	
9/18/2018	<1	
3/23/2019	0.3 (J)	
9/17/2019	<1 (D)	
3/12/2020		<1
9/21/2020		<1
3/19/2021		<1
8/11/2021		<1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	24.8	
5/31/2016	42.5	
8/4/2016	91	
9/29/2016	110	
11/28/2016	120	
2/9/2017	150	
4/12/2017	120	
6/16/2017	120	
10/9/2017	130	
3/21/2018	59.1	
9/19/2018	64.5	
3/23/2019	15.5 (J)	
9/18/2019	50.7	
3/13/2020		16.9
9/22/2020		39.6
3/18/2021		19.3
8/11/2021		9.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	17.5	
6/1/2016	20.9	
2/22/2017	48	
4/11/2017	41	
6/16/2017	33	
7/12/2017	58	
7/28/2017	55	
8/10/2017	66	
10/6/2017	77	
3/23/2018	75.8	
9/20/2018	72.2	
3/22/2019	57.9	
9/18/2019	68.1	
3/17/2020		72.1
9/22/2020		69.8
3/19/2021		74.2
8/12/2021		56.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	1.65	
6/1/2016	1.75	
11/28/2016	2.7	
2/9/2017	2.7	
4/11/2017	4.9	
6/14/2017	2.4	
7/12/2017	4.1	
10/5/2017	1.6	
3/22/2018	2.5	
9/19/2018	1.7	
3/22/2019	6.2	
9/17/2019	6.1	
3/13/2020		11.1
9/21/2020		5.5
3/18/2021		7.8
8/11/2021		6.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	7.45	
5/31/2016	7.29	
8/4/2016	7.6	
9/29/2016	6.1	
11/23/2016	10	
2/10/2017	6.7	
4/12/2017	9.2	
6/15/2017	9.2	
10/6/2017	10	
3/23/2018	10.6	
9/19/2018	10.4	
3/25/2019	11.2	
9/17/2019	13.1	
3/13/2020		8.8
9/21/2020		9
3/18/2021		10.4
8/11/2021		9.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	10.1	
5/31/2016	12.1	
11/23/2016	1.3	
2/10/2017	4.2	
4/11/2017	3.2	
6/15/2017	2.5	
7/12/2017	6.9	
7/26/2017	2.9	
10/6/2017	6.6	
3/23/2018	1.6	
9/19/2018	2.6	
3/22/2019	2.1	
9/17/2019	1.6	
3/13/2020		1.1
9/21/2020		0.9 (J)
3/18/2021		0.76 (J)
8/11/2021		0.65 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	14.7828	
5/16/2016	10.2	
7/25/2016	8.4	
9/19/2016	2.5	
11/3/2016	3.3	
1/19/2017	3.2	
3/28/2017	16 (J)	
6/5/2017	38	
7/20/2017	48	
9/26/2017	18	
3/15/2018	32.4	
9/12/2018	16	
3/14/2019	79.7 (O)	
9/11/2019	19.8	
3/10/2020		48.5
9/15/2020		23.1
3/11/2021		35.5
8/4/2021		35.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.31682 (JD)	
5/16/2016	0.5151 (JD)	
7/25/2016	0.84 (D)	
9/19/2016	0.72 (JD)	
11/4/2016	0.75 (JD)	
1/23/2017	0.99 (JD)	
3/29/2017	1.5 (D)	
6/7/2017	0.63 (J)	
9/27/2017	1.2	
3/15/2018	0.75 (J)	
9/13/2018	1.3	
3/14/2019	0.72 (D)	
9/11/2019	<1 (D)	
3/10/2020		0.61 (J)
9/11/2020		<1
3/11/2021		<1
8/6/2021		<1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	2.8721 (D)	
5/16/2016	2.27 (D)	
7/25/2016	2.6 (D)	
9/19/2016	2.8 (D)	
11/3/2016	2.6 (D)	
1/20/2017	2.8 (D)	
3/29/2017	3.1 (D)	
6/7/2017	3.2	
9/27/2017	2.5	
3/15/2018	2.9	
9/13/2018	2.3	
3/14/2019	4.3 (D)	
9/11/2019	2.6 (D)	
3/10/2020		5.2
9/11/2020		2.8
3/11/2021		4.2
8/6/2021		4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	5.7554	
5/17/2016	8.67	
7/26/2016	6.6	
9/20/2016	5.8	
11/4/2016	6.1	
1/20/2017	7	
3/28/2017	7.7	
6/7/2017	6.4	
9/29/2017	8.4	
3/15/2018	6.4	
9/13/2018	7.2	
3/18/2019	4.4	
9/11/2019	7	
3/10/2020		5.5
9/14/2020		6.9
3/11/2021		6.7
8/5/2021		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	3.4409	
5/18/2016	4.09	
7/27/2016	4	
9/20/2016	4.3	
11/7/2016	4.1	
1/23/2017	5.1	
3/29/2017	5.2	
6/8/2017	3.8	
9/27/2017	4.3	
3/15/2018	3.7	
9/13/2018	4.8	
3/15/2019	4.2	
9/12/2019	4.7	
3/9/2020		4.3
9/14/2020		4.3
3/11/2021		4.7
8/5/2021		4.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	9.1279	
5/18/2016	10.1	
7/27/2016	7	
9/20/2016	6.7	
11/4/2016	7.9	
1/20/2017	6.6	
3/29/2017	6.2	
6/8/2017	7.5	
9/27/2017	7.5	
3/16/2018	13.4	
9/13/2018	11.6	
3/19/2019	14.8	
9/11/2019	10.7	
3/9/2020		10.4
9/15/2020		9.6
3/11/2021		10.4
8/5/2021		10.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	2.6569	
5/17/2016	2.39	
7/27/2016	<1.6 (*)	
9/20/2016	2.4	
11/4/2016	2.1	
1/23/2017	2.1	
3/28/2017	2.1	
6/8/2017	1.3	
9/29/2017	3.7	
12/28/2017	1.7 (Y)	
3/15/2018	0.76 (J)	
9/13/2018	1.6	
3/15/2019	1.7	
9/11/2019	0.86 (X)	
3/9/2020		1.6
9/14/2020		5.4
3/11/2021		15.4
5/26/2021		20.2
8/4/2021		1.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	3.4197	
5/18/2016	3.06	
7/27/2016	2.6	
9/21/2016	3.1	
11/4/2016	3.1	
1/24/2017	3	
3/29/2017	2.5	
6/8/2017	3.3	
9/29/2017	4.2	
12/28/2017	3.8 (Y)	
3/15/2018	3.1	
9/13/2018	3.6	
3/18/2019	5.8	
9/11/2019	5.7	
3/11/2020		3.3
9/11/2020		2.1
3/15/2021		2.6
8/11/2021		2.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	5.3658	
5/18/2016	4.44	
7/28/2016	9.9	
9/21/2016	2.2	
11/7/2016	2.2	
1/24/2017	1.5	
3/30/2017	1.7	
6/9/2017	1.7	
9/29/2017	2.2	
3/15/2018	2.4	
9/14/2018	2.4	
3/19/2019	2.2	
9/11/2019	1.5	
3/9/2020		1.5
9/14/2020		1.2
3/15/2021		1.5
8/5/2021		1.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	1.87	
5/25/2016	1.41	
8/1/2016	1.5	
9/27/2016	1.4	
11/11/2016	1.5	
1/31/2017	1.8	
4/3/2017	1.5	
6/12/2017	2.1	
10/3/2017	1.4	
3/19/2018	1.3	
9/17/2018	1.3	
3/20/2019	1.3	
9/16/2019	1.2	
3/16/2020		1.1
9/16/2020		1.1
3/17/2021		1.1
8/9/2021		1.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	3.5801	
5/24/2016	2.79	
8/1/2016	2.2	
9/26/2016	1.8	
11/18/2016	1.8	
2/1/2017	2.8	
4/6/2017	<2.5	
6/13/2017	2.8	
10/3/2017	2.6	
3/19/2018	2.6	
9/17/2018	2.2	
3/21/2019	2.7	
9/16/2019	2	
3/12/2020		2.1
9/16/2020		1.8
3/17/2021		2.2
8/10/2021		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	1.4863	
5/24/2016	1.62	
8/1/2016	2.3	
9/26/2016	2.4	
11/14/2016	2.8	
2/1/2017	2.6	
4/6/2017	<2.3	
6/13/2017	2.2	
10/3/2017	2.6	
3/20/2018	2.5	
9/17/2018	2.5	
3/21/2019	1.7	
9/16/2019	1.6	
3/12/2020		1.4
9/16/2020		1.3
3/17/2021		1.8
8/10/2021		1.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	2.03	
8/2/2016	0.96 (J)	
9/27/2016	0.87 (J)	
11/21/2016	0.93 (J)	
2/1/2017	0.76 (J)	
4/6/2017	<1	
6/13/2017	0.58 (J)	
7/14/2017	0.04 (J)	
10/3/2017	0.87 (J)	
3/20/2018	0.5 (J)	
9/18/2018	0.65 (J)	
3/21/2019	1.9	
9/13/2019	0.76 (J)	
3/12/2020		1.7
9/16/2020		1.1
3/17/2021		1.3
8/10/2021		1.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	1.9542	
5/24/2016	0.989 (J)	
8/2/2016	1	
9/27/2016	0.95 (J)	
11/22/2016	1.1	
2/6/2017	0.96 (J)	
4/6/2017	<1	
6/14/2017	0.97 (J)	
10/4/2017	0.84 (J)	
3/21/2018	1.2	
9/18/2018	0.9 (J)	
3/27/2019	1.5	
9/16/2019	0.69 (JD)	
3/12/2020		1.8
9/17/2020		0.6 (J)
3/17/2021		0.72 (J)
8/10/2021		0.64 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	3.9321	
5/25/2016	2.68	
8/2/2016	2.7	
9/26/2016	2.9	
11/21/2016	2.8	
2/3/2017	2.7	
4/7/2017	2.3	
6/13/2017	2	
10/3/2017	1.9	
3/20/2018	1.6	
9/18/2018	1.6	
5/6/2019	2.1	
9/16/2019	1	
3/16/2020		0.66 (J)
9/17/2020		0.74 (J)
3/18/2021		1.1
8/10/2021		0.72 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	2	
5/26/2016	2.93	
8/5/2016	3.6	
9/28/2016	3.2	
11/21/2016	3.3	
2/6/2017	1.3	
4/6/2017	<1.2	
6/13/2017	2	
10/3/2017	2.8	
3/20/2018	1.2	
9/18/2018	2.6	
3/21/2019	2.3	
9/16/2019	3	
3/12/2020		1.1
9/17/2020		3.5
3/18/2021		2.1
8/10/2021		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	150	
5/19/2016	150	
7/29/2016	146	
9/23/2016	163	
11/9/2016	147	
1/30/2017	127	
3/30/2017	137	
6/9/2017	164	
10/2/2017	137	
3/16/2018	140	
9/17/2018	162	
3/20/2019	175	
9/12/2019	174	
3/11/2020		172
9/15/2020		156
3/16/2021		155
8/9/2021		150

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	259	
5/20/2016	122	
7/29/2016	156	
9/23/2016	150	
11/9/2016	87	
1/31/2017	63	
3/30/2017	112	
6/12/2017	216	
10/2/2017	<25	
3/19/2018	295	
9/14/2018	30	
3/20/2019	49	
9/12/2019	44	
3/11/2020		309
9/15/2020		28
3/17/2021		211
8/9/2021		207

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	174	
5/19/2016	93	
7/29/2016	68	
9/22/2016	91	
11/10/2016	96	
1/31/2017	206	
4/3/2017	118	
6/9/2017	87	
10/2/2017	73	
3/16/2018	130	
9/14/2018	103	
3/19/2019	208	
9/13/2019	113	
3/11/2020		170
9/15/2020		89
3/16/2021		102
8/9/2021		127

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	114 (D)	
7/27/2016	107 (D)	
2/21/2017	229 (D)	
3/27/2017	239 (D)	
6/8/2017	179 (D)	
7/17/2017	180 (D)	
7/27/2017	190 (D)	
8/9/2017	153 (D)	
9/29/2017	173 (D)	
3/16/2018	150	
9/14/2018	165	
3/14/2019	154	
9/10/2019	181	
3/9/2020		173
9/16/2020		156
3/16/2021		142
8/6/2021		133

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	106	
5/11/2016	58	
7/19/2016	46	
9/15/2016	41	
11/2/2016	37	
1/18/2017	29	
3/28/2017	40	
9/26/2017	107	
3/14/2018	126	
9/12/2018	134	
3/15/2019	107	
9/9/2019	93	
3/9/2020		58
9/10/2020		16
3/12/2021		55
8/4/2021		60

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<25	
5/23/2016	<25	
7/29/2016	17 (J)	
9/22/2016	33	
11/10/2016	41	
1/31/2017	58	
3/30/2017	<25	
6/12/2017	20 (J)	
10/4/2017	<25	
3/19/2018	<25	
9/17/2018	32	
3/20/2019	30	
9/13/2019	19	
3/11/2020		24
3/29/2021		76
8/9/2021		95

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	107	
5/11/2016	80	
7/21/2016	76	
9/19/2016	108	
11/3/2016	90	
1/17/2017	128	
3/24/2017	91	
5/24/2017	152	
9/26/2017	103	
3/14/2018	123	
9/12/2018	105	
3/13/2019	130	
9/9/2019	108	
3/9/2020		131
9/11/2020		102
3/10/2021		60
8/4/2021		66

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	110	
5/12/2016	49	
7/20/2016	72	
9/15/2016	18 (J)	
11/3/2016	70	
1/18/2017	63	
3/24/2017	63	
6/6/2017	128	
9/25/2017	109	
3/14/2018	192	
9/12/2018	82	
3/14/2019	119	
9/10/2019	36	
3/6/2020		137
9/10/2020		35
3/11/2021		101
8/4/2021		77

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	78	
5/13/2016	178	
7/21/2016	168	
9/21/2016	123	
11/3/2016	157	
1/17/2017	170	
3/27/2017	158	
6/6/2017	212	
9/25/2017	145	
3/14/2018	210	
9/12/2018	159	
3/14/2019	157	
9/10/2019	113	
3/9/2020		249
9/10/2020		111
3/10/2021		148
8/4/2021		176

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	139	
5/16/2016	112	
7/22/2016	136	
9/19/2016	121	
11/3/2016	132	
1/17/2017	150	
3/27/2017	148	
6/7/2017	181	
9/26/2017	113	
3/14/2018	134	
9/14/2018	139	
3/14/2019	157	
9/10/2019	105	
3/6/2020		143
9/10/2020		120
3/11/2021		109
8/4/2021		141

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	69	
5/13/2016	88	
7/19/2016	56	
9/16/2016	31	
11/2/2016	48	
1/18/2017	44	
3/28/2017	<35	
6/6/2017	36	
9/22/2017	41	
3/14/2018	<35	
9/12/2018	<35	
3/13/2019	31	
9/11/2019	21	
3/9/2020		51
9/11/2020		31
3/11/2021		14
8/6/2021		33

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	144	
5/13/2016	142	
7/19/2016	135	
9/16/2016	144	
11/2/2016	152	
1/18/2017	125	
3/28/2017	109	
6/6/2017	154	
9/22/2017	157	
3/15/2018	117	
9/12/2018	151	
3/13/2019	152	
9/11/2019	151	
3/9/2020		174
9/14/2020		146
3/11/2021		98
8/5/2021		126

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	329 (D)	
4/7/2017	295 (D)	
6/14/2017	237 (D)	
7/12/2017	400 (D)	
7/20/2017	203 (D)	
7/28/2017	262 (D)	
8/9/2017	195 (D)	
8/24/2017	236 (D)	
10/3/2017	224 (D)	
3/21/2018	237	
9/18/2018	227	
3/21/2019	367 (D)	
9/12/2019	200 (D)	
3/12/2020		247
9/17/2020		223
3/16/2021		196
8/10/2021		238

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	<10	
5/23/2016	32	
8/1/2016	<10	
9/26/2016	45	
11/10/2016	38	
1/30/2017	<10	
4/7/2017	18 (J)	
6/12/2017	15 (J)	
10/2/2017	17 (J)	
3/16/2018	<10	
9/17/2018	38	
3/19/2019	34	
9/13/2019	19	
3/11/2020		17
9/16/2020		20
3/17/2021		<10
8/9/2021		14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	46	
5/25/2016	57	
8/1/2016	<10	
9/26/2016	60	
11/11/2016	13 (J)	
1/30/2017	<10	
4/3/2017	100	
6/12/2017	51	
10/2/2017	32	
3/16/2018	<10	
9/18/2018	15 (J)	
3/19/2019	48	
9/12/2019	46	
3/11/2020		24
9/15/2020		12
3/17/2021		31
8/9/2021		<10

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	122	
5/26/2016	143	
8/5/2016	143	
9/28/2016	160	
11/22/2016	149	
2/7/2017	123	
4/10/2017	95	
6/14/2017	150	
10/4/2017	140	
3/20/2018	93	
9/18/2018	155	
3/22/2019	95	
9/17/2019	165	
3/12/2020		63
9/17/2020		140
3/18/2021		74
8/10/2021		120

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	135	
5/26/2016	163	
8/3/2016	159	
9/28/2016	208	
11/22/2016	152	
2/7/2017	128	
4/10/2017	186	
6/14/2017	150	
10/4/2017	153	
3/21/2018	192	
9/18/2018	155	
3/22/2019	140	
9/17/2019	172	
3/12/2020		81
9/17/2020		125
3/18/2021		62
8/11/2021		138

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	79	
5/26/2016	105	
8/3/2016	106	
9/28/2016	148	
11/22/2016	88	
2/8/2017	62	
4/10/2017	92	
6/15/2017	96	
10/4/2017	78	
3/21/2018	111	
9/18/2018	106	
3/23/2019	64	
9/17/2019	101	
3/12/2020		96
9/21/2020		93
3/19/2021		79
8/11/2021		53

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	135	
5/26/2016	124	
8/4/2016	109	
9/28/2016	104	
11/22/2016	94	
2/8/2017	141 (J)	
4/10/2017	114	
6/15/2017	153	
10/4/2017	121	
3/22/2018	139	
9/18/2018	139	
3/23/2019	148	
9/17/2019	143	
3/12/2020		125
9/21/2020		145
3/19/2021		135
8/11/2021		149

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	58	
5/27/2016	66	
8/3/2016	65	
9/30/2016	60	
11/22/2016	63	
2/13/2017	104 (J)	
4/11/2017	63	
6/14/2017	97	
10/4/2017	74	
3/22/2018	54	
9/18/2018	73	
3/23/2019	58	
9/17/2019	62	
3/12/2020		64
9/21/2020		62
3/19/2021		53
8/11/2021		58

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	156	
5/31/2016	192	
8/4/2016	269	
9/29/2016	288	
11/28/2016	224	
2/9/2017	386	
4/12/2017	254	
6/16/2017	309	
10/9/2017	269	
3/21/2018	211	
9/19/2018	222	
3/23/2019	135	
9/18/2019	200	
3/13/2020		143
9/22/2020		176
3/18/2021		82
8/11/2021		131

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	110	
6/1/2016	121	
2/22/2017	311	
4/11/2017	212	
6/16/2017	262	
7/12/2017	310	
7/28/2017	289	
8/10/2017	288	
10/6/2017	268	
3/23/2018	281	
9/20/2018	297	
3/22/2019	249	
9/18/2019	281	
3/17/2020		256
9/22/2020		248
3/19/2021		250
8/12/2021		263

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	42	
6/1/2016	63	
8/9/2016	267	
11/28/2016	116	
2/9/2017	212 (J)	
4/11/2017	113	
6/14/2017	120	
7/12/2017	153	
10/5/2017	102	
3/22/2018	115	
9/19/2018	114	
3/22/2019	104	
9/17/2019	86	
3/13/2020		59
9/21/2020		94
3/18/2021		57
8/11/2021		77

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	103	
5/31/2016	157	
8/4/2016	154	
9/29/2016	142	
11/23/2016	172	
2/10/2017	237	
4/12/2017	168	
6/15/2017	176	
10/6/2017	155	
3/23/2018	170	
9/19/2018	181	
3/25/2019	167	
9/17/2019	179	
3/13/2020		169
9/21/2020		186
3/18/2021		153
8/11/2021		181

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	53	
5/31/2016	70	
11/23/2016	118	
2/10/2017	214	
4/11/2017	127	
6/15/2017	126	
7/12/2017	164	
7/26/2017	129	
10/6/2017	140	
3/23/2018	119	
9/19/2018	138	
3/22/2019	116	
9/17/2019	117	
3/13/2020		76
9/21/2020		122
3/18/2021		54
8/11/2021		122

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<36	
5/16/2016	35	
7/25/2016	24 (J)	
9/19/2016	19 (J)	
11/3/2016	34	
1/19/2017	13 (J)	
3/28/2017	<36	
6/5/2017	206	
7/20/2017	72	
9/26/2017	35	
3/15/2018	41	
9/12/2018	<36	
3/14/2019	110	
9/11/2019	58	
3/10/2020		127
9/15/2020		56
3/11/2021		43
8/4/2021		62

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<10 (D)	
5/16/2016	<10 (D)	
7/25/2016	16 (JD)	
9/19/2016	12 (JD)	
11/4/2016	13 (JD)	
1/23/2017	15 (JD)	
3/29/2017	<10 (D)	
6/7/2017	26	
9/27/2017	<10	
3/15/2018	<10	
9/13/2018	<10	
3/14/2019	39 (D)	
9/11/2019	<10 (D)	
3/10/2020		60
9/11/2020		11
3/11/2021		12
8/6/2021		17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	89 (D)	
5/16/2016	169 (D)	
7/25/2016	159 (D)	
9/19/2016	152 (D)	
11/3/2016	150 (D)	
1/20/2017	152 (D)	
3/29/2017	143 (D)	
6/7/2017	192	
9/27/2017	159	
3/15/2018	146	
9/13/2018	185	
3/14/2019	195 (D)	
9/11/2019	172 (D)	
3/10/2020		245
9/11/2020		146
3/11/2021		167
8/6/2021		186

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	253	
5/17/2016	251	
7/26/2016	249	
9/20/2016	195	
11/4/2016	209	
1/20/2017	211	
3/28/2017	199	
6/7/2017	251	
9/29/2017	255	
3/15/2018	231	
9/13/2018	263	
3/18/2019	251	
9/11/2019	234	
3/10/2020		273
9/14/2020		232
3/11/2021		209
8/5/2021		210

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	152	
5/18/2016	123	
7/27/2016	113	
9/20/2016	126	
11/7/2016	167	
1/23/2017	125	
3/29/2017	116	
6/8/2017	131	
9/27/2017	117	
3/15/2018	102	
9/13/2018	144	
3/15/2019	125	
9/12/2019	121	
3/9/2020		147
9/14/2020		129
3/11/2021		106
8/5/2021		90

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	149	
5/18/2016	162	
7/27/2016	132	
9/20/2016	155	
11/4/2016	169	
1/20/2017	135	
3/29/2017	147	
6/8/2017	159	
9/27/2017	167	
3/16/2018	141	
9/13/2018	175	
3/19/2019	154	
9/11/2019	164	
3/9/2020		44
9/15/2020		108
3/11/2021		143
8/5/2021		142

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	63	
5/17/2016	<31	
7/27/2016	11 (J)	
9/20/2016	14 (J)	
11/4/2016	27	
1/23/2017	15 (J)	
3/28/2017	<31	
6/8/2017	29	
9/29/2017	21 (J)	
3/15/2018	<31	
9/13/2018	<31	
3/15/2019	41	
9/11/2019	20	
3/9/2020		100
9/14/2020		47
3/11/2021		40
8/4/2021		34

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	103	
5/18/2016	129	
7/27/2016	108	
9/21/2016	102	
11/4/2016	130	
1/24/2017	152	
3/29/2017	95	
6/8/2017	176	
9/29/2017	118	
3/15/2018	88	
9/13/2018	137	
3/18/2019	170	
9/11/2019	138	
3/11/2020		125
9/11/2020		127
3/15/2021		107
8/11/2021		116

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	31	
5/18/2016	43	
7/28/2016	43	
9/21/2016	<10	
11/7/2016	50	
1/24/2017	63	
3/30/2017	<10	
6/9/2017	20 (J)	
9/29/2017	22 (J)	
3/15/2018	<10	
9/14/2018	29	
3/19/2019	35	
9/11/2019	27	
3/9/2020		51
9/14/2020		25
3/15/2021		30
8/5/2021		<10

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	<10	
5/25/2016	34	
8/1/2016	25	
9/27/2016	20 (J)	
11/11/2016	41	
1/31/2017	127	
4/3/2017	69	
6/12/2017	46	
10/3/2017	34	
3/19/2018	<10	
9/17/2018	38	
3/20/2019	66	
9/16/2019	45	
3/16/2020		20
9/16/2020		30
3/17/2021		15
8/9/2021		<10

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	51	
5/24/2016	76	
8/1/2016	69	
9/26/2016	103	
11/18/2016	77	
2/1/2017	168	
4/6/2017	95	
6/13/2017	101	
10/3/2017	83	
3/19/2018	70	
9/17/2018	77	
3/21/2019	80	
9/16/2019	82	
3/12/2020		42
9/16/2020		77
3/17/2021		47
8/10/2021		53

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	64	
5/24/2016	77	
8/1/2016	35	
9/26/2016	111	
11/14/2016	76	
2/1/2017	126	
4/6/2017	146	
6/13/2017	84	
10/3/2017	70	
3/20/2018	78	
9/17/2018	74	
3/21/2019	60	
9/16/2019	65	
3/12/2020		22
9/16/2020		52
3/17/2021		43
8/10/2021		<10

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	120	
8/2/2016	100	
9/27/2016	121	
11/21/2016	164	
2/1/2017	144	
4/6/2017	125	
6/13/2017	148	
7/14/2017	121	
10/3/2017	117	
3/20/2018	136	
9/18/2018	116	
3/21/2019	107	
9/13/2019	115	
3/12/2020		86
9/16/2020		124
3/17/2021		112
8/10/2021		101

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	104	
5/24/2016	94	
8/2/2016	105	
9/27/2016	119	
11/22/2016	105	
2/6/2017	99	
4/6/2017	124	
6/14/2017	114	
10/4/2017	107	
3/21/2018	117	
9/18/2018	110	
3/27/2019	101	
9/16/2019	113	
3/12/2020		84
9/17/2020		111
3/17/2021		113
8/10/2021		112

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	111	
5/25/2016	95	
8/2/2016	124	
9/26/2016	140	
11/21/2016	154	
2/3/2017	113	
4/7/2017	147	
6/13/2017	117	
10/3/2017	150	
3/20/2018	121	
9/18/2018	93	
5/6/2019	118	
9/16/2019	99	
3/16/2020		76
9/17/2020		98
3/18/2021		48
8/10/2021		92

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 5:50 PM View: Appendix III Mann-Whitney

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	26	
5/26/2016	70	
8/5/2016	95	
9/28/2016	152	
11/21/2016	145	
2/6/2017	20 (J)	
4/6/2017	17 (J)	
6/13/2017	32	
10/3/2017	71	
3/20/2018	49	
9/18/2018	38	
3/21/2019	39	
9/16/2019	85	
3/12/2020		16
9/17/2020		94
3/18/2021		<10
8/10/2021		22

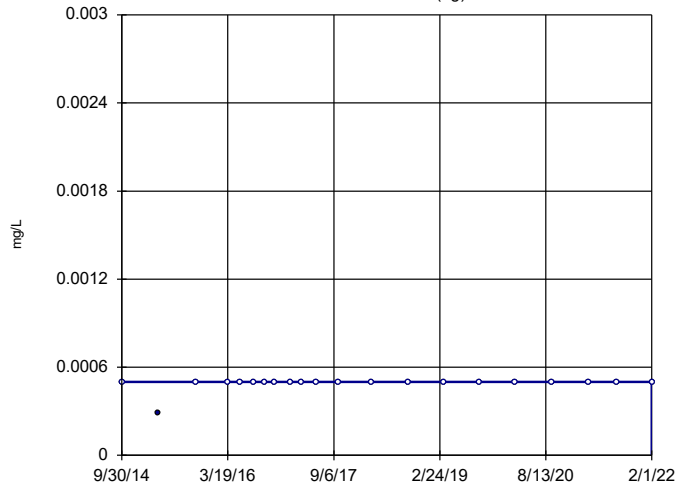
FIGURE I.

Appendix I Trend Tests - Upgradient Wells - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:15 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (mg/L)	GWA-1 (bg)	0	18	87	No	21	95.24	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-2 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-2R (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-39RZ (bg)	0	14	63	No	17	94.12	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-39Z (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-3A (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-40 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-41 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-41R (bg)	0	-5	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-42 (bg)	0	15	58	No	16	0	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-43 (bg)	0	-11	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-43R (bg)	0	-1	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-4RZ (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-50 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-50R (bg)	0	-19	-87	No	21	85.71	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-1 (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-2 (bg)	0	28	214	No	39	97.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-2R (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-39RZ (bg)	0	-4	-63	No	17	94.12	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-39Z (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-3A (bg)	0	0	206	No	38	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-40 (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-41 (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-41R (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-42 (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-43 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-43R (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-4RZ (bg)	0	-13	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-50 (bg)	0	6	167	No	33	96.97	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-50R (bg)	0	0	167	No	33	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-1 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-2 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-2R (bg)	0	9	81	No	20	90	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-39RZ (bg)	0	14	63	No	17	94.12	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-39Z (bg)	0	7	68	No	18	88.89	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-3A (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-40 (bg)	0	-9	-68	No	18	94.44	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-41 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-41R (bg)	0	-7	-68	No	18	88.89	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-42 (bg)	0	3	68	No	18	88.89	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-43 (bg)	0	-1	-68	No	18	88.89	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-43R (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-4RZ (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-50 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Thallium (mg/L)	GWA-50R (bg)	0	-10	-74	No	19	94.74	n/a	n/a	0.01	NP

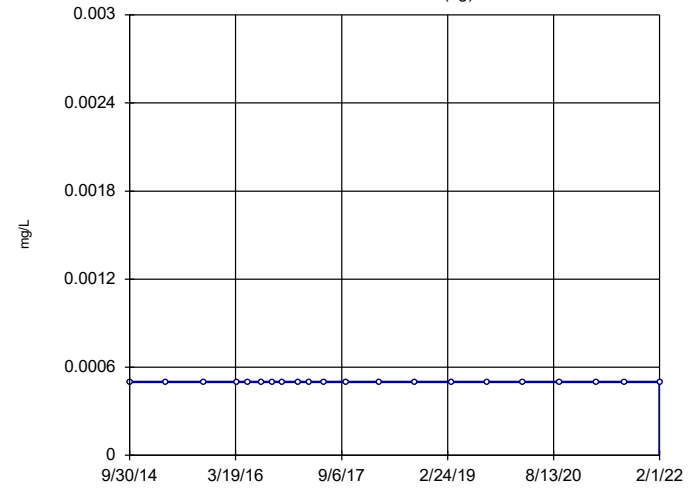
Sen's Slope Estimator GWA-1 (bg)



n = 21
Slope = 0
units per year.
Mann-Kendall
statistic = 18
critical = 87
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

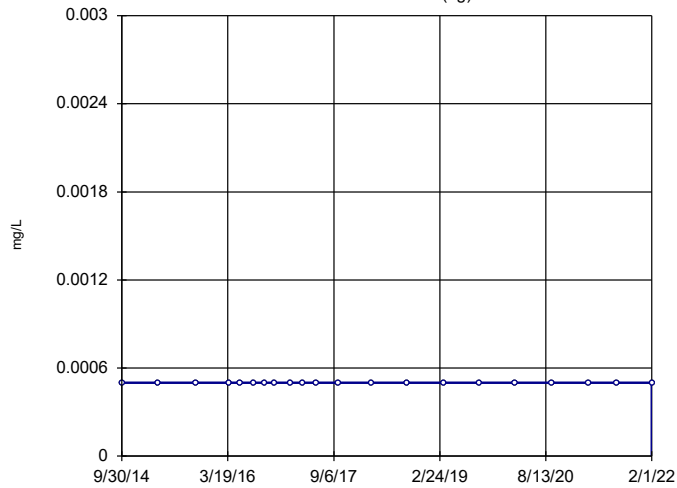
Sen's Slope Estimator GWA-2 (bg)



n = 21
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 87
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

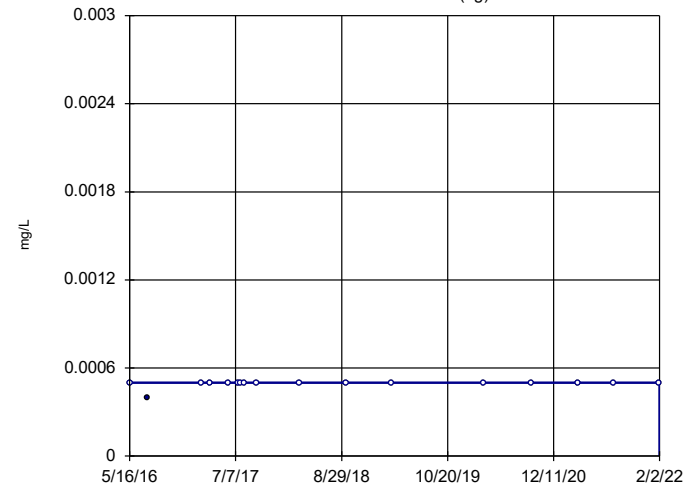
Sen's Slope Estimator GWA-2R (bg)



n = 21
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 87
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

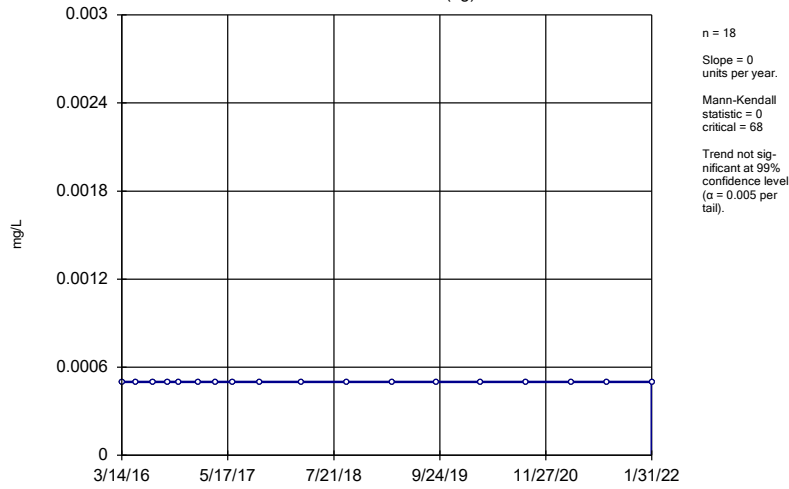
Sen's Slope Estimator GWA-39RZ (bg)



n = 17
Slope = 0
units per year.
Mann-Kendall
statistic = 14
critical = 63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

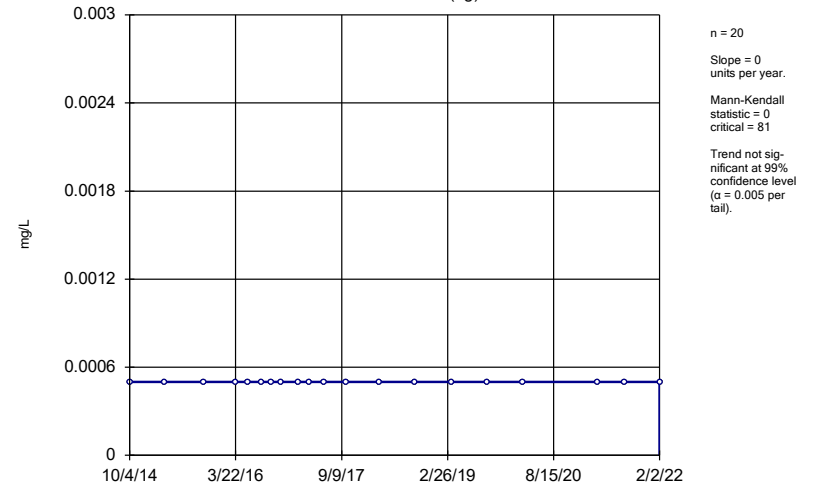
Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-39Z (bg)



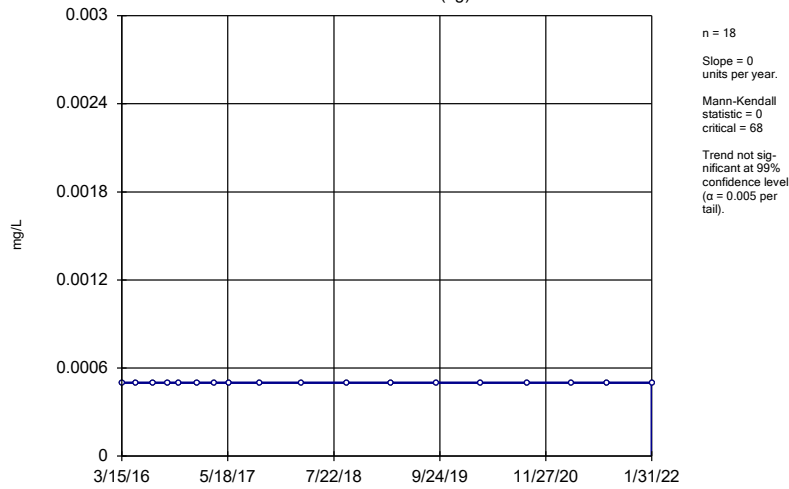
Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-3A (bg)



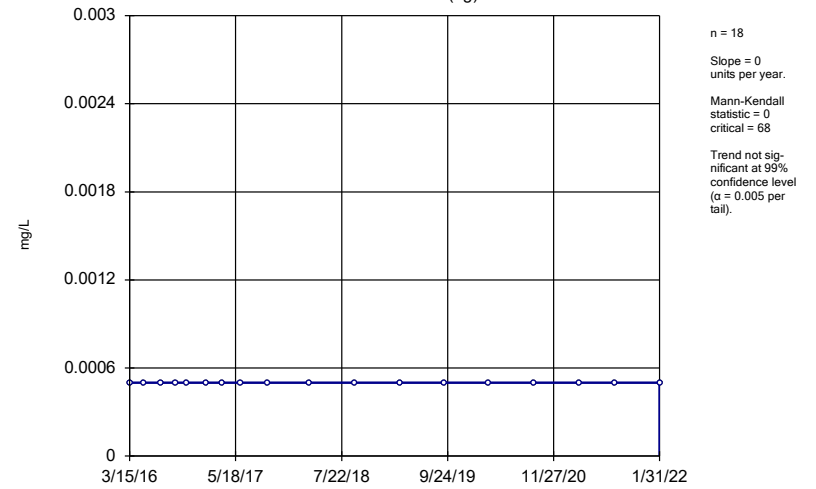
Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-40 (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

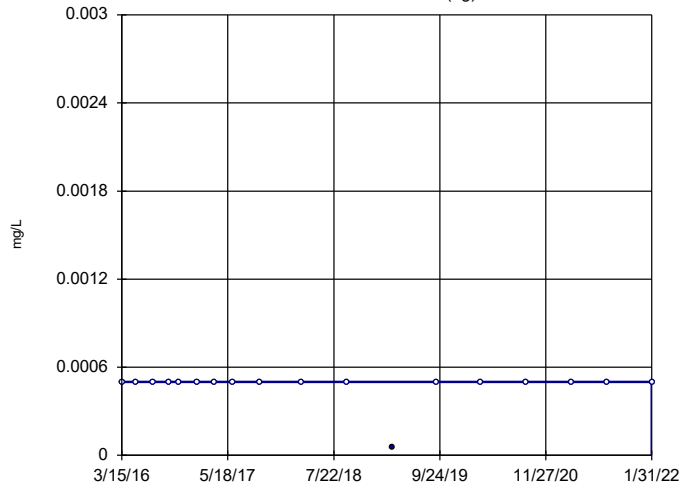
Sen's Slope Estimator GWA-41 (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-41R (bg)

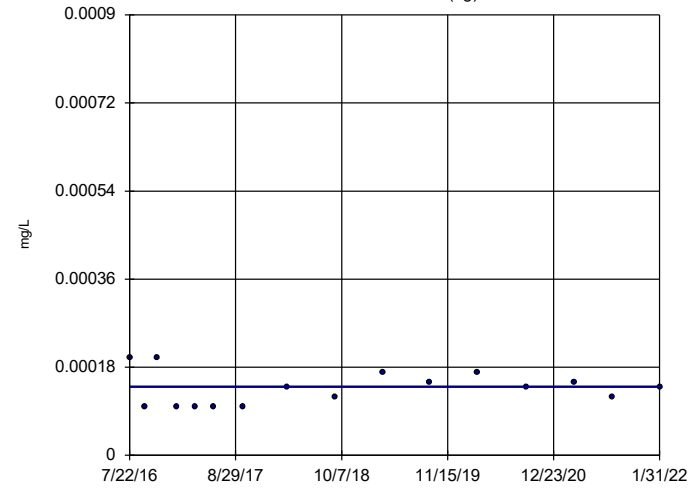


n = 18
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -5
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-42 (bg)

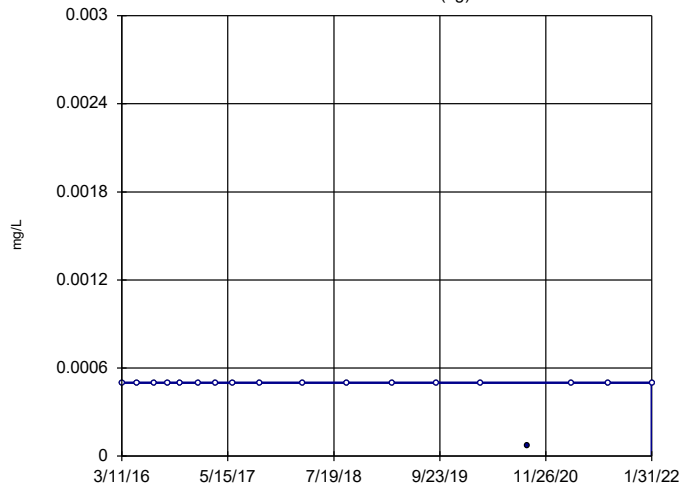


n = 16
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 15
 critical = 58
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-43 (bg)

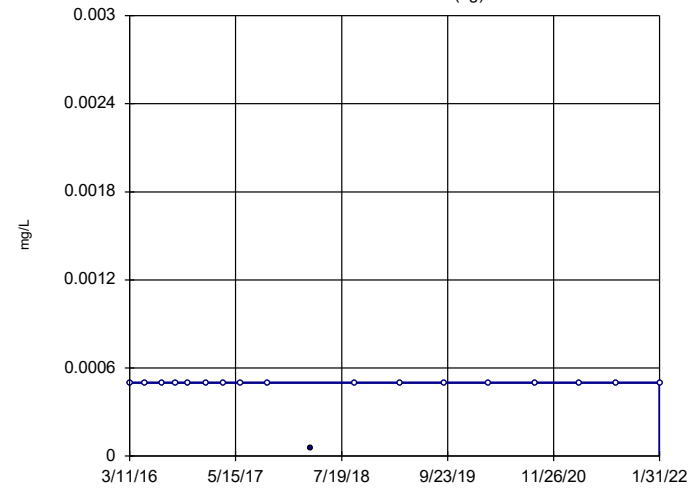


n = 18
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -11
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

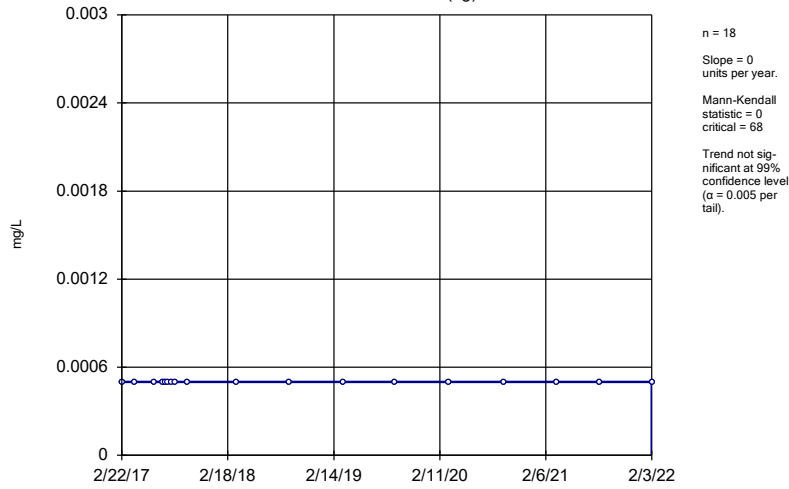
GWA-43R (bg)



n = 18
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -1
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

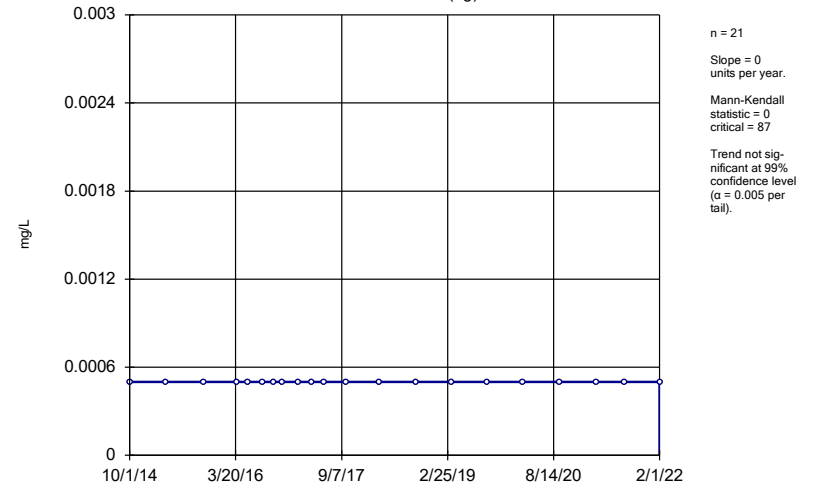
Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-4RZ (bg)



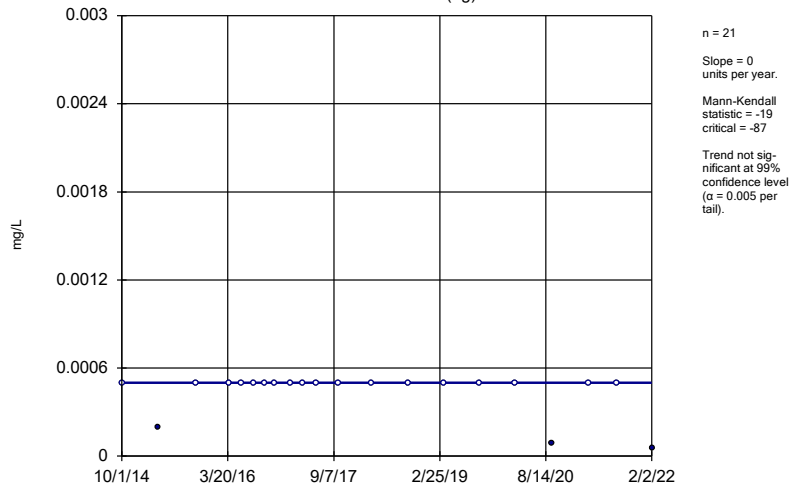
Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-50 (bg)



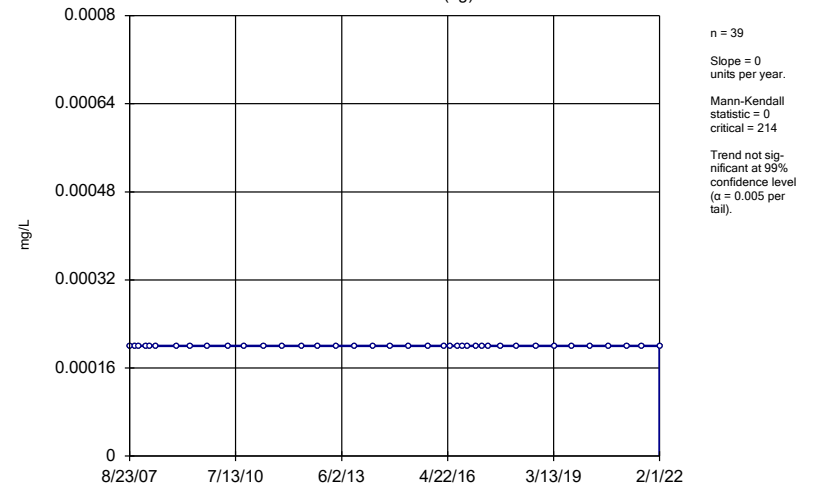
Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-50R (bg)



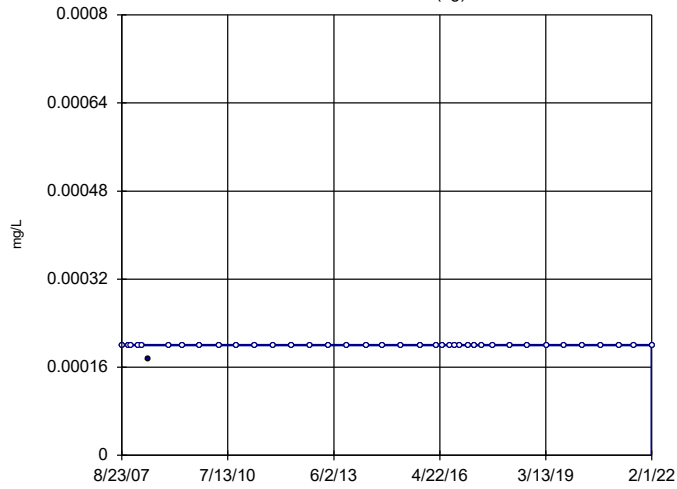
Constituent: Beryllium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-1 (bg)



Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

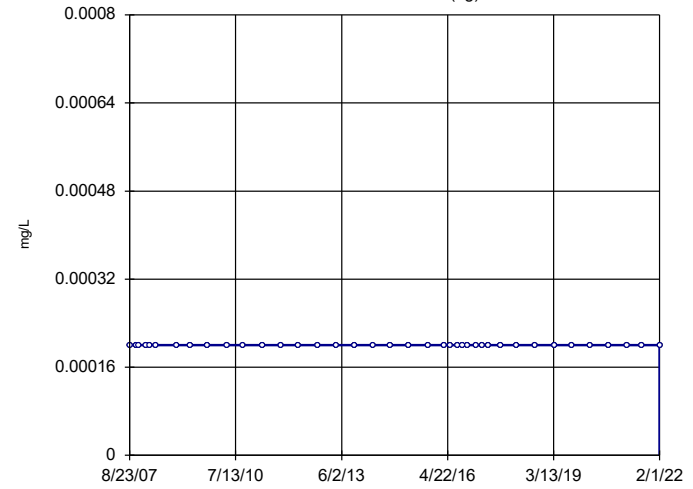
Sen's Slope Estimator GWA-2 (bg)



n = 39
Slope = 0
units per year.
Mann-Kendall
statistic = 28
critical = 214
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

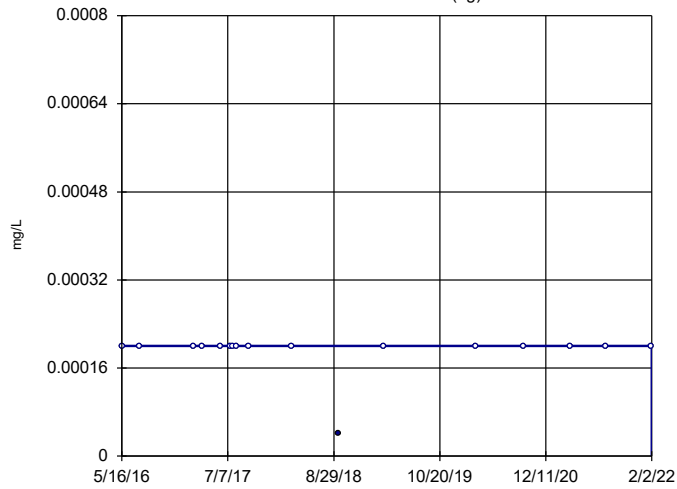
Sen's Slope Estimator GWA-2R (bg)



n = 39
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 214
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

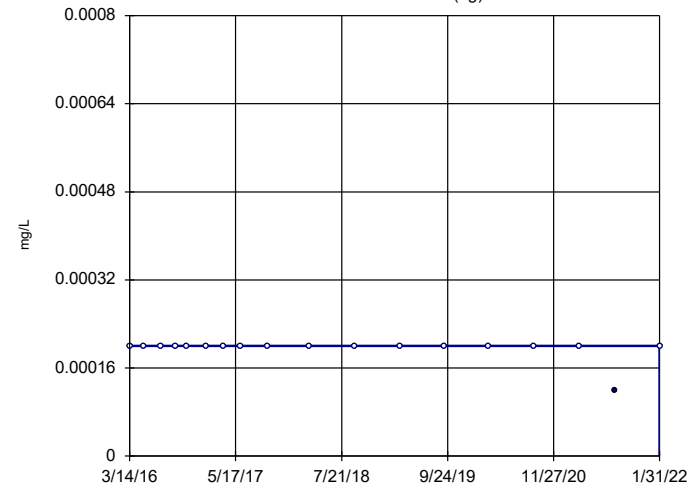
Sen's Slope Estimator GWA-39RZ (bg)



n = 17
Slope = 0
units per year.
Mann-Kendall
statistic = -4
critical = -63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

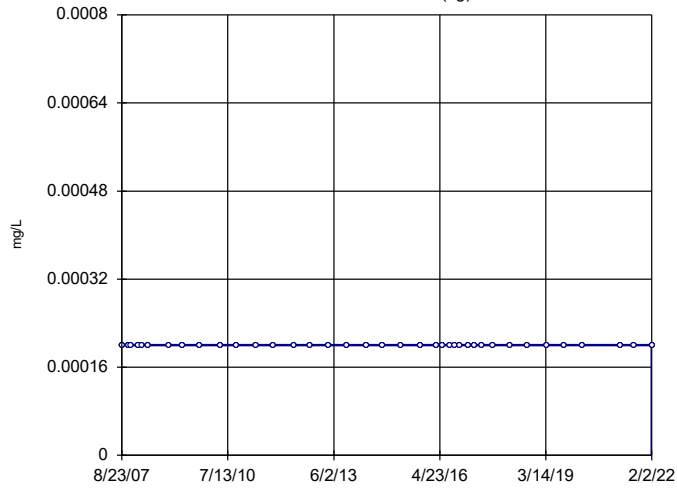
Sen's Slope Estimator GWA-39Z (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = -15
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

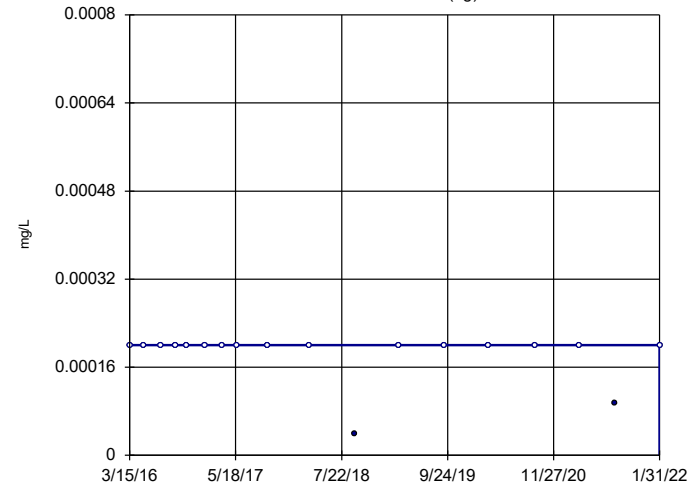
Sen's Slope Estimator GWA-3A (bg)



n = 38
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 206
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

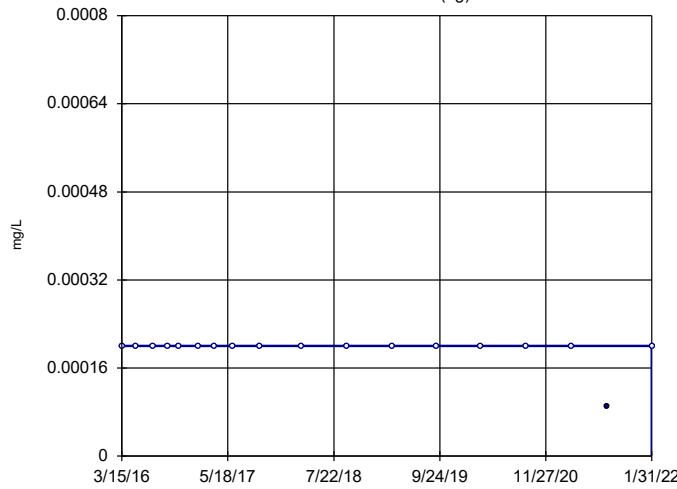
Sen's Slope Estimator GWA-40 (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = -17
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

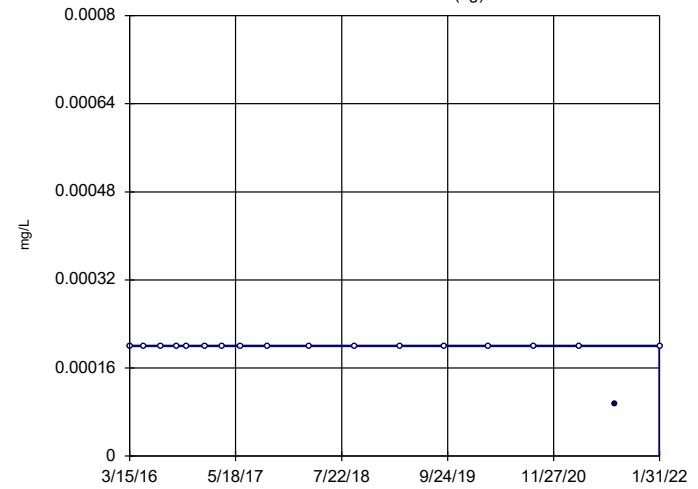
Sen's Slope Estimator GWA-41 (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = -15
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

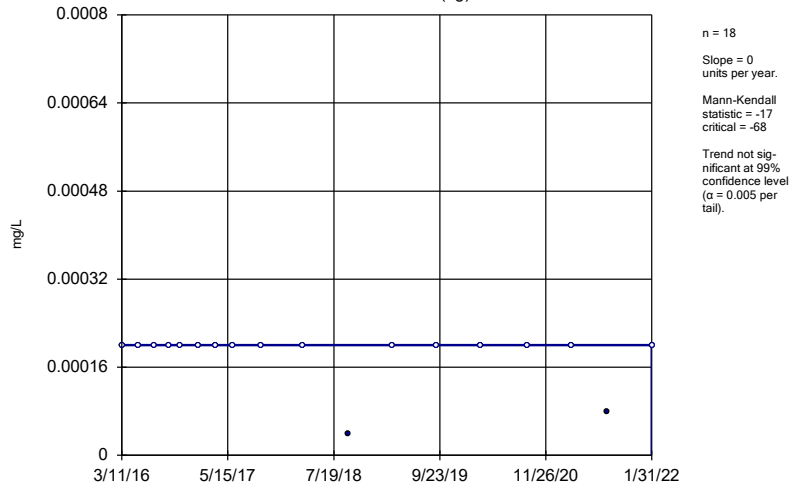
Sen's Slope Estimator GWA-41R (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = -15
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

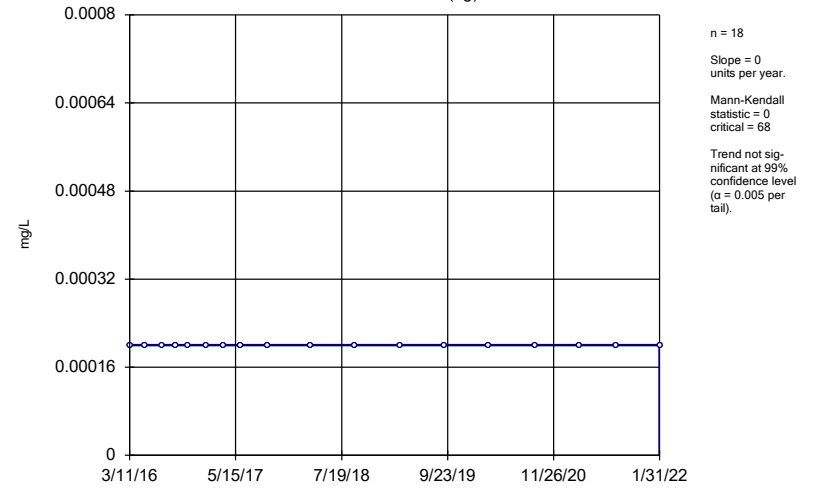
Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-42 (bg)



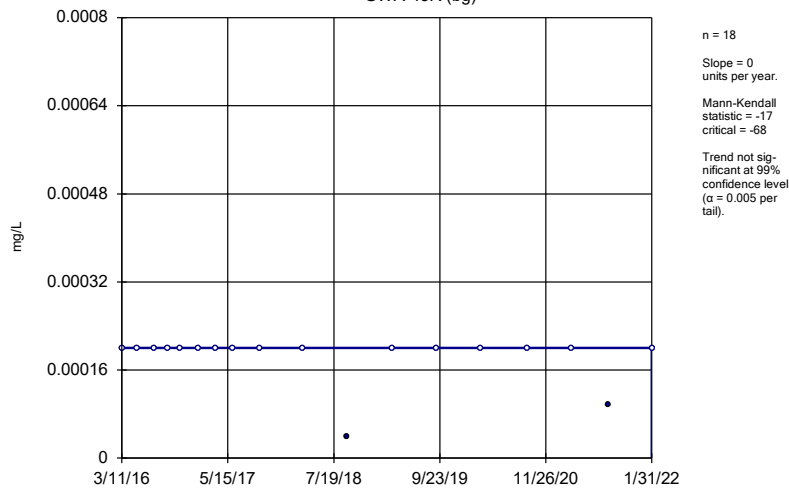
Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-43 (bg)



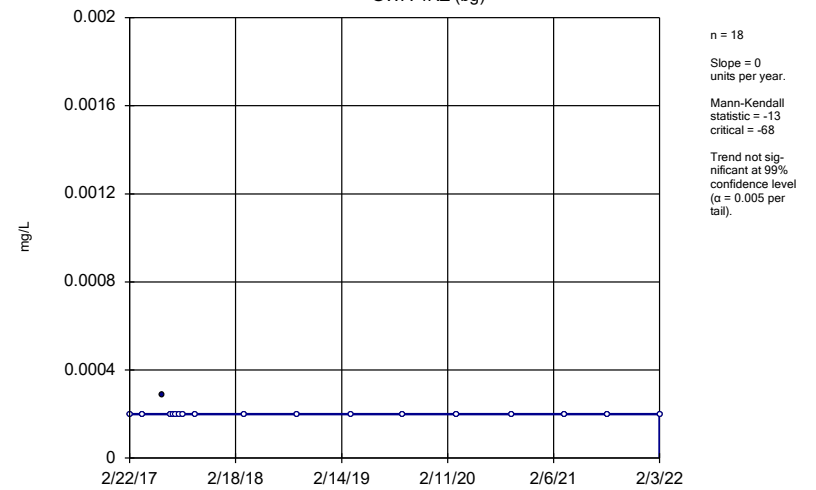
Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-43R (bg)



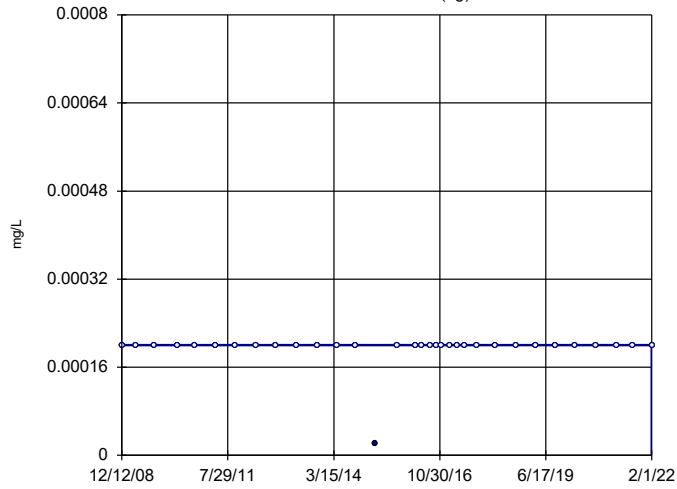
Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-4RZ (bg)



Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

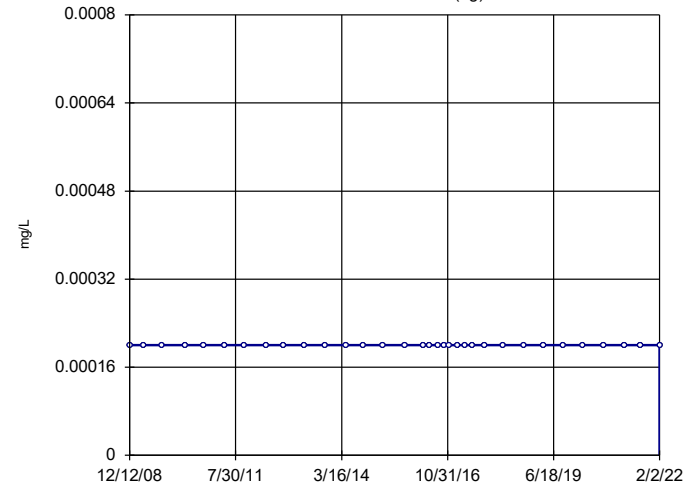
Sen's Slope Estimator GWA-50 (bg)



n = 33
Slope = 0
units per year.
Mann-Kendall
statistic = 6
critical = 167
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

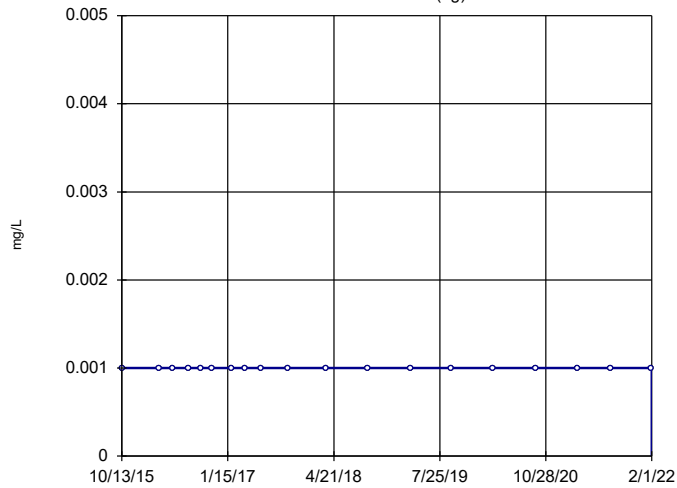
Sen's Slope Estimator GWA-50R (bg)



n = 33
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 167
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

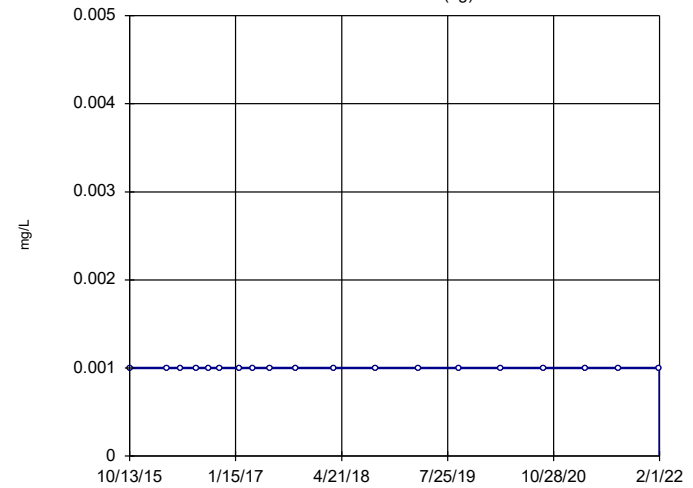
Sen's Slope Estimator GWA-1 (bg)



n = 19
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 74
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

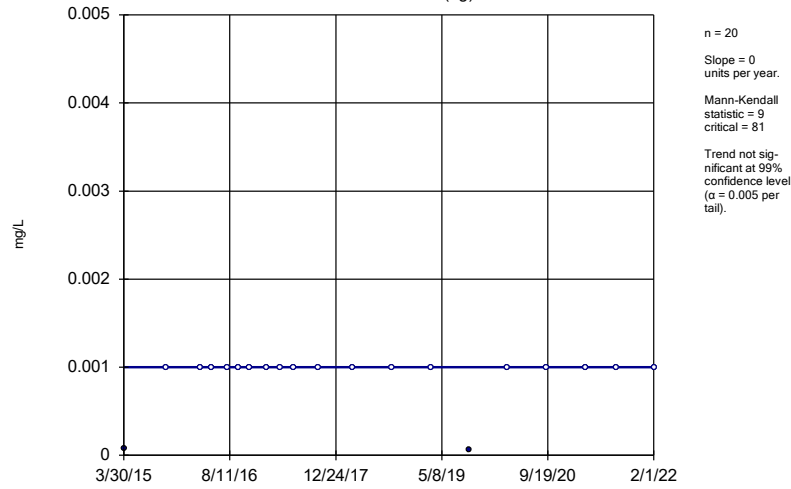
Sen's Slope Estimator GWA-2 (bg)



n = 19
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 74
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

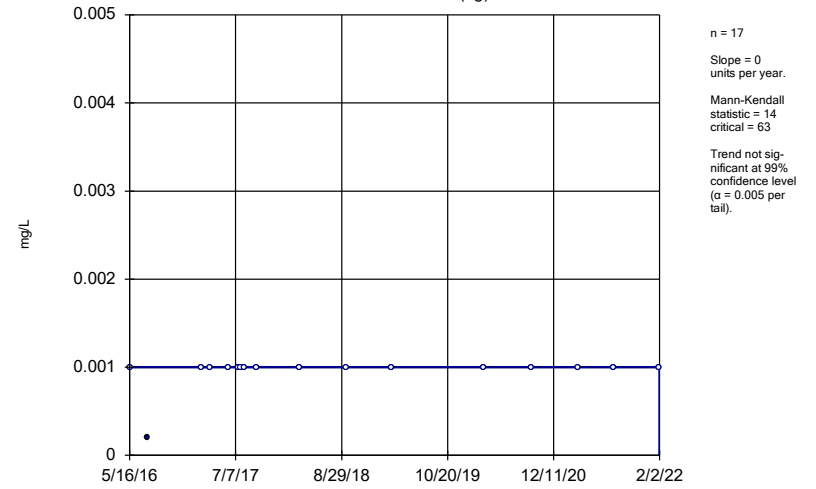
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-2R (bg)



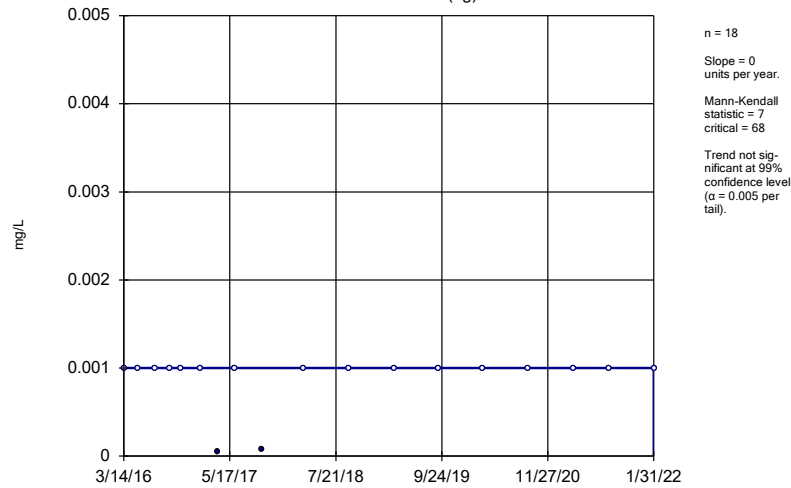
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-39RZ (bg)



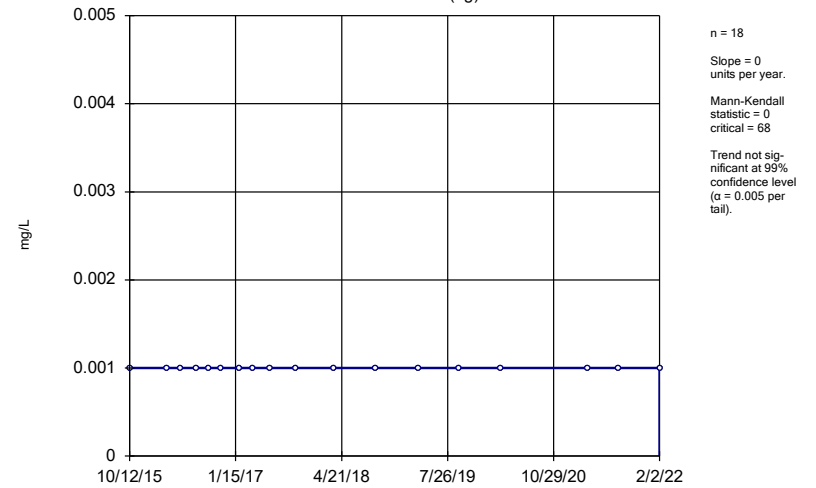
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-39Z (bg)



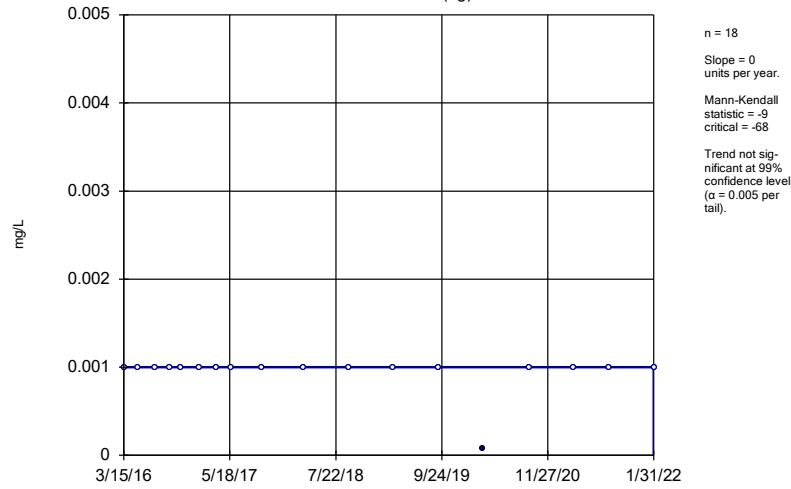
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-3A (bg)



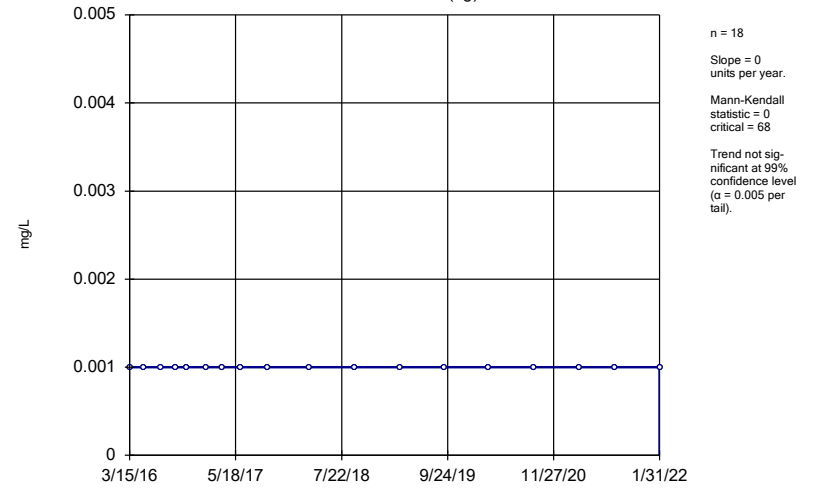
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-40 (bg)



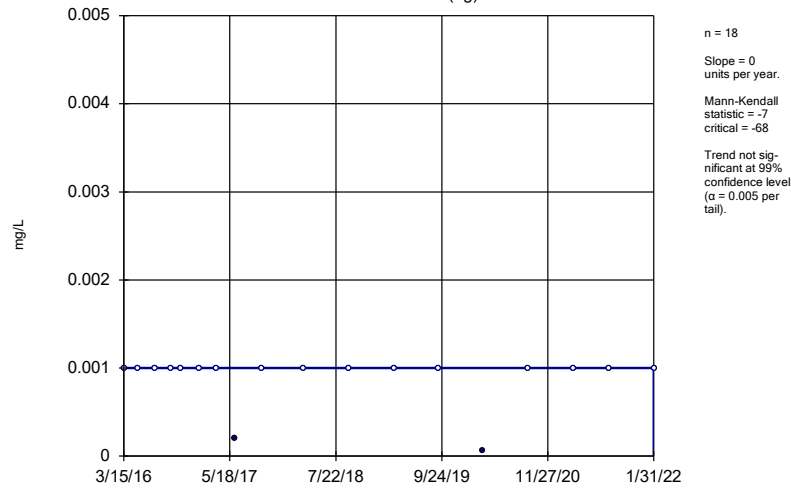
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-41 (bg)



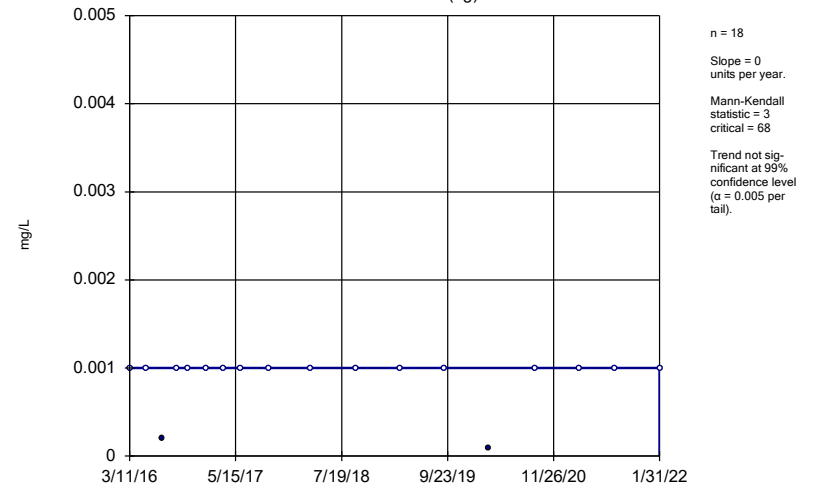
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-41R (bg)



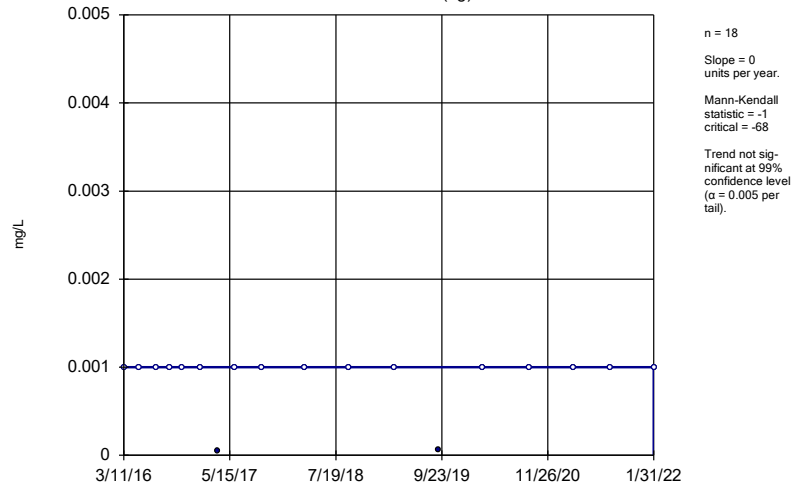
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-42 (bg)



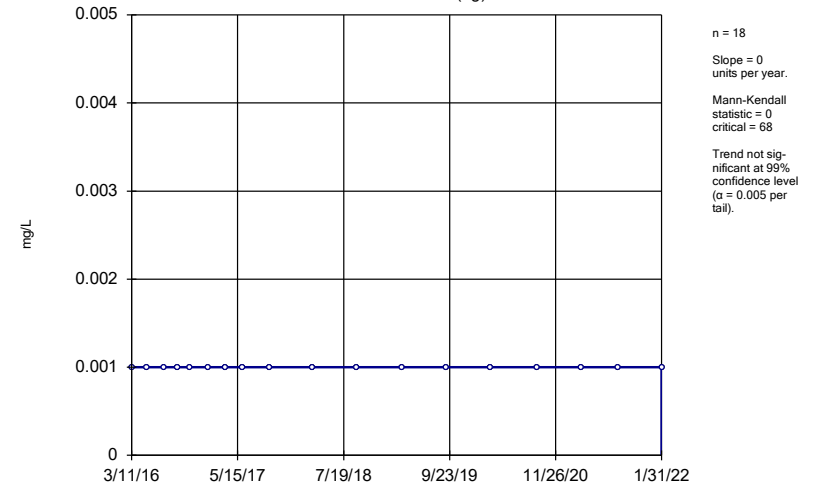
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-43 (bg)



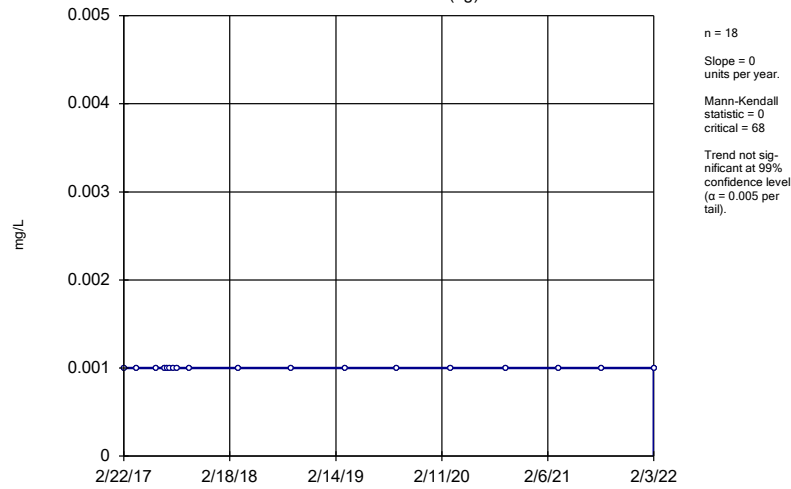
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-43R (bg)



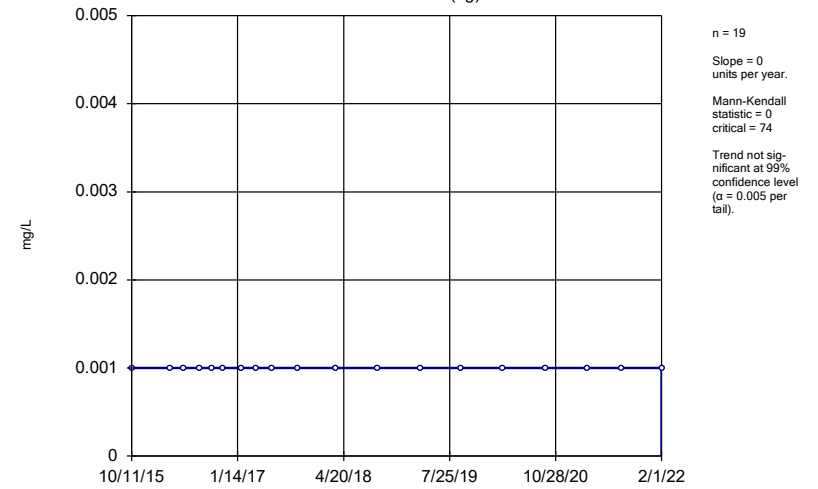
Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-4RZ (bg)



Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

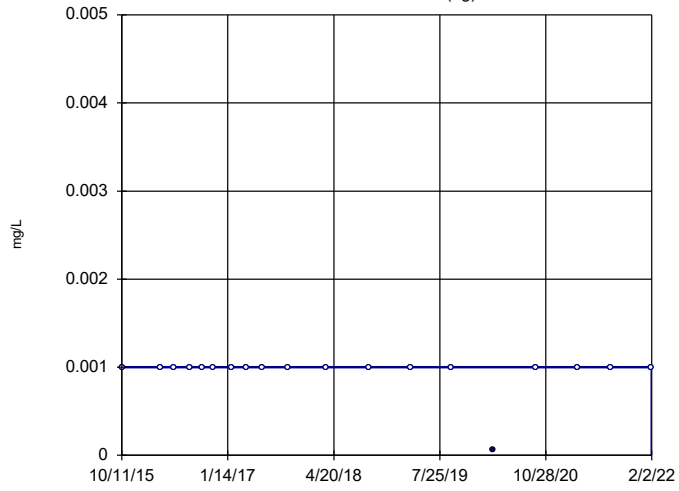
Sen's Slope Estimator GWA-50 (bg)



Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50R (bg)



n = 19
Slope = 0
units per year.
Mann-Kendall
statistic = -10
critical = -74
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Thallium Analysis Run 4/4/2022 2:14 PM View: Appendix I Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE J.

Appendix III Trend Tests - Upgradient Wells - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 1:35 PM

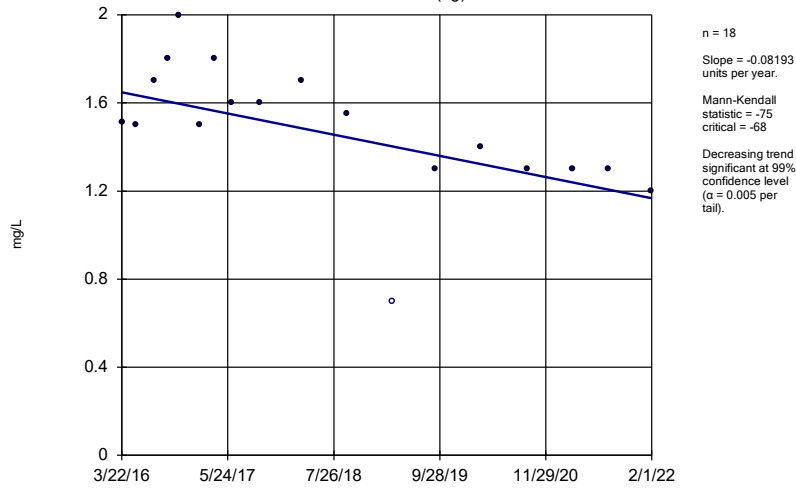
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride, Total (mg/L)	GWA-1 (bg)	-0.08193	-75	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39Z (bg)	-0.1437	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41 (bg)	-0.119	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41R (bg)	-0.3475	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.09648	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.1032	-74	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.176	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.08111	-80	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1458	-75	-68	Yes	18	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - Upgradient Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 1:35 PM

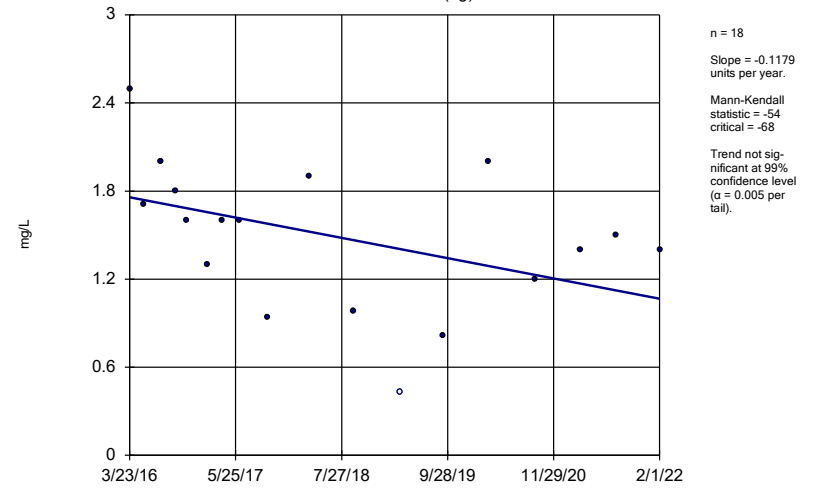
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride, Total (mg/L)	GWA-1 (bg)	-0.08193	-75	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2 (bg)	-0.1179	-54	-68	No	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2R (bg)	-0.0357	-26	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39RZ (bg)	-0.1921	-58	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39Z (bg)	-0.1437	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3A (bg)	-0.002061	-26	-63	No	17	5.882	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-40 (bg)	-0.05753	-35	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41 (bg)	-0.119	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41R (bg)	-0.3475	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-42 (bg)	-0.04101	-15	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-43 (bg)	0	-17	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-43R (bg)	-0.2391	-44	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-4RZ (bg)	0	1	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-50 (bg)	-0.04419	-66	-68	No	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-50R (bg)	-0.04049	-67	-68	No	18	11.11	n/a	n/a	0.01	NP
pH (pH_units)	GWA-1 (bg)	-0.02308	-60	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2 (bg)	-0.04714	-35	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.09648	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-39RZ (bg)	-0.04592	-44	-81	No	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-39Z (bg)	-0.03337	-13	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-3A (bg)	-0.0591	-28	-63	No	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-40 (bg)	-0.06319	-65	-81	No	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41 (bg)	-0.02321	-20	-63	No	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.1032	-74	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-42 (bg)	-0.0169	-33	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.176	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43R (bg)	-0.008321	-22	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-4RZ (bg)	-0.02545	-35	-105	No	24	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.08111	-80	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1458	-75	-68	Yes	18	0	n/a	n/a	0.01	NP

Sen's Slope Estimator
 GWA-1 (bg)



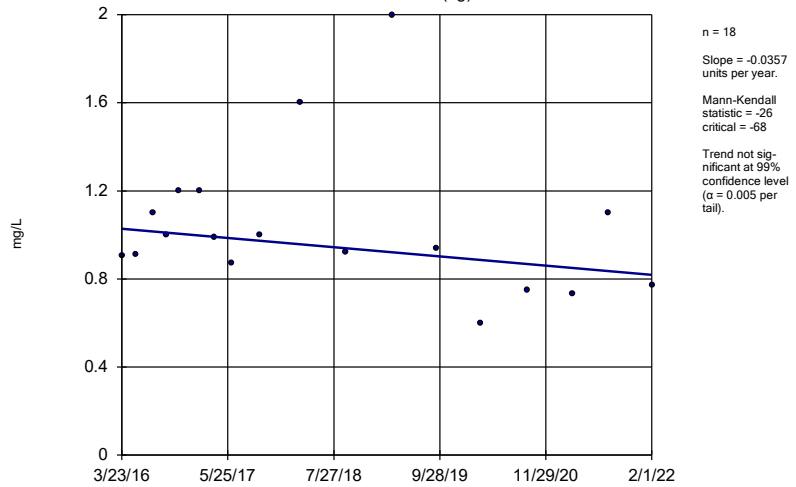
Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
 GWA-2 (bg)



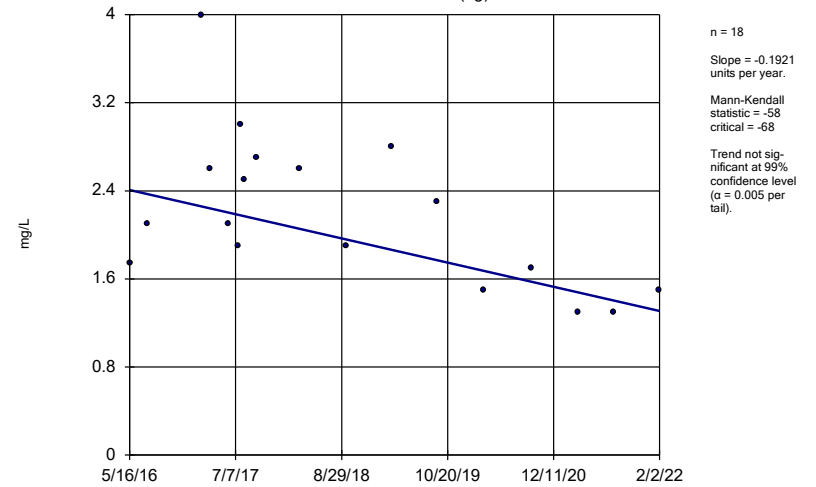
Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
 GWA-2R (bg)



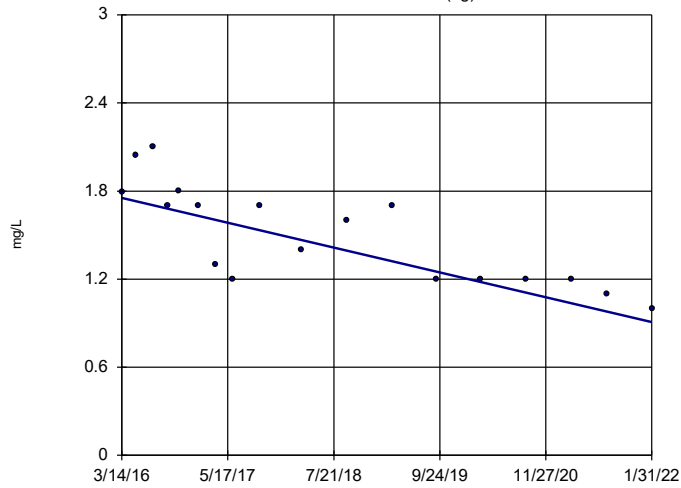
Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
 GWA-39RZ (bg)



Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

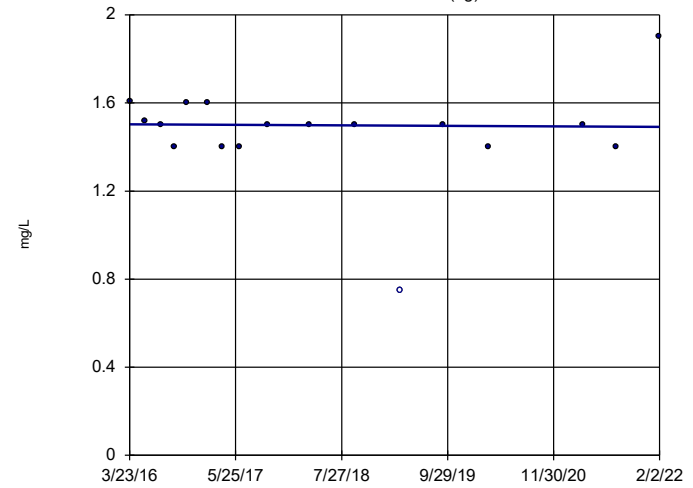
Sen's Slope Estimator GWA-39Z (bg)



n = 18
 Slope = -0.1437
 units per year.
 Mann-Kendall
 statistic = -105
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

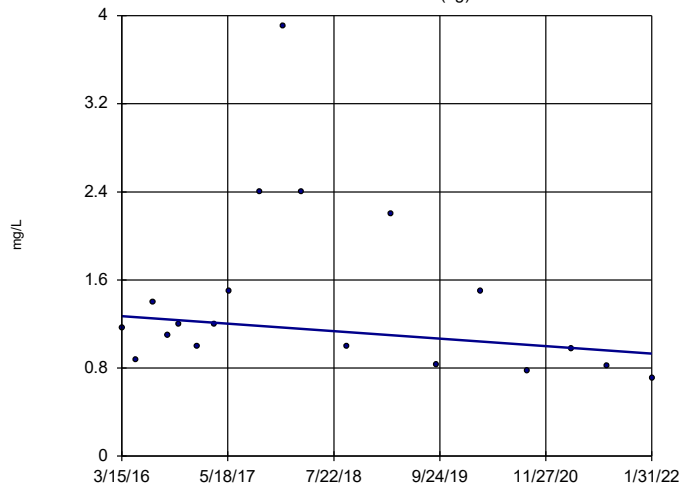
Sen's Slope Estimator GWA-3A (bg)



n = 17
 Slope = -0.002061
 units per year.
 Mann-Kendall
 statistic = -26
 critical = -63
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

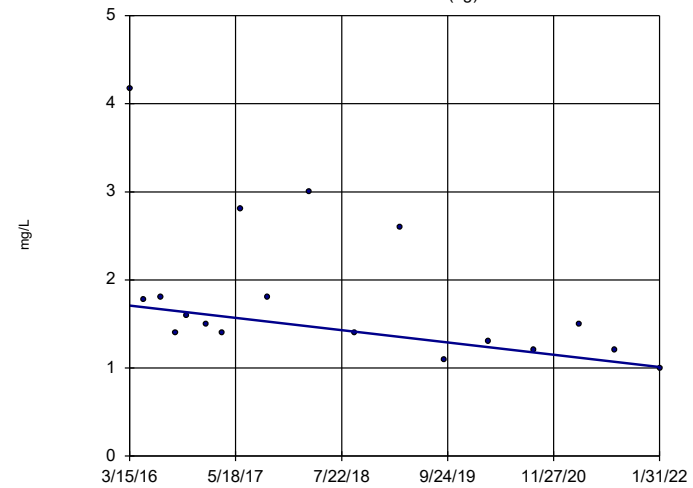
Sen's Slope Estimator GWA-40 (bg)



n = 19
 Slope = -0.05753
 units per year.
 Mann-Kendall
 statistic = -35
 critical = -74
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-41 (bg)

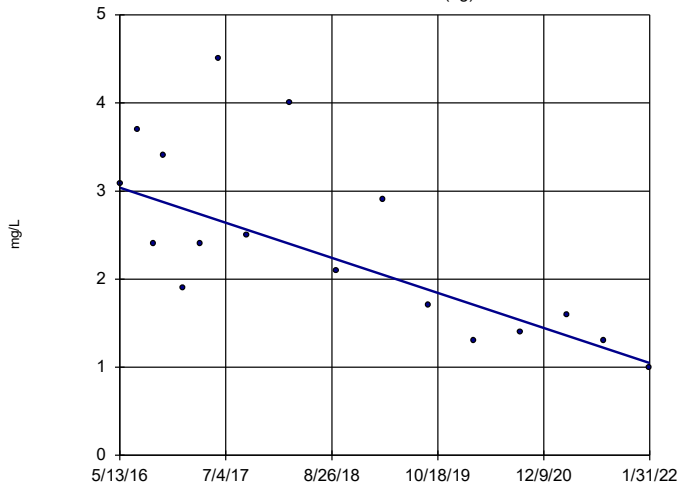


n = 18
 Slope = -0.119
 units per year.
 Mann-Kendall
 statistic = -69
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-41R (bg)

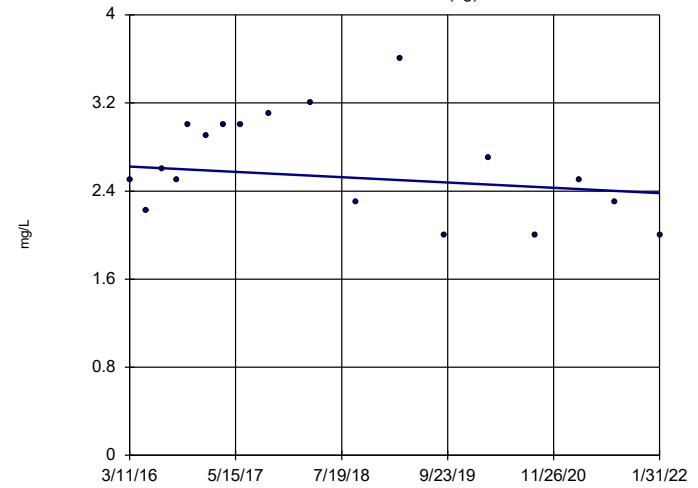


n = 17
 Slope = -0.3475 units per year.
 Mann-Kendall statistic = -76
 critical = -63
 Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-42 (bg)

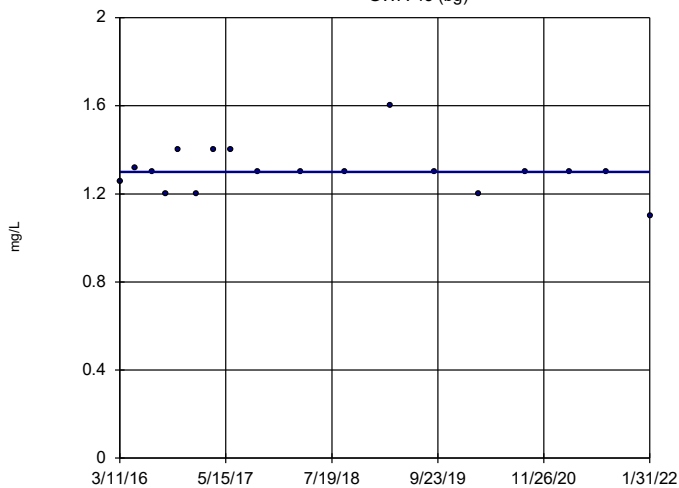


n = 18
 Slope = -0.04101 units per year.
 Mann-Kendall statistic = -15
 critical = -68
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-43 (bg)

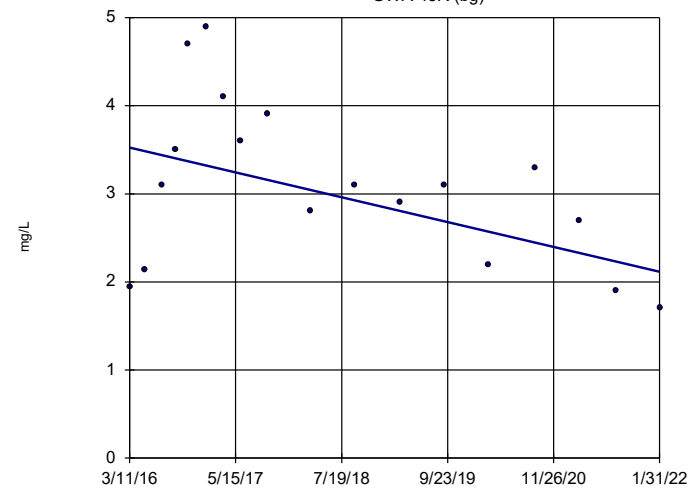


n = 18
 Slope = 0 units per year.
 Mann-Kendall statistic = -17
 critical = -68
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-43R (bg)

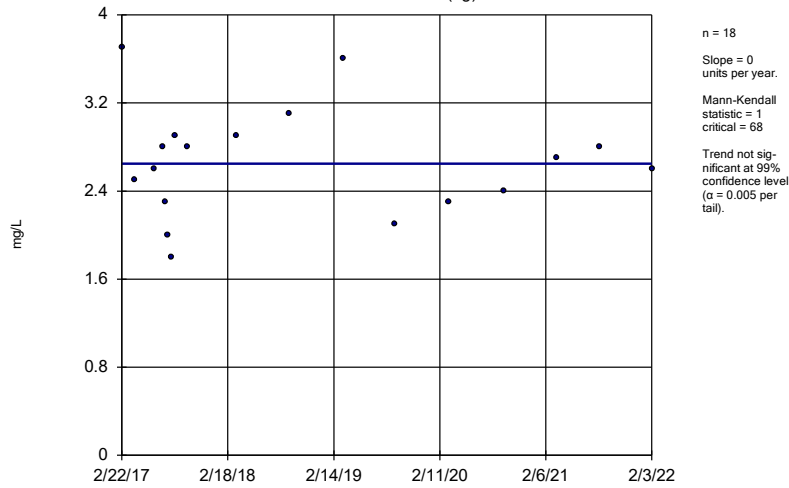


n = 18
 Slope = -0.2391 units per year.
 Mann-Kendall statistic = -44
 critical = -68
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

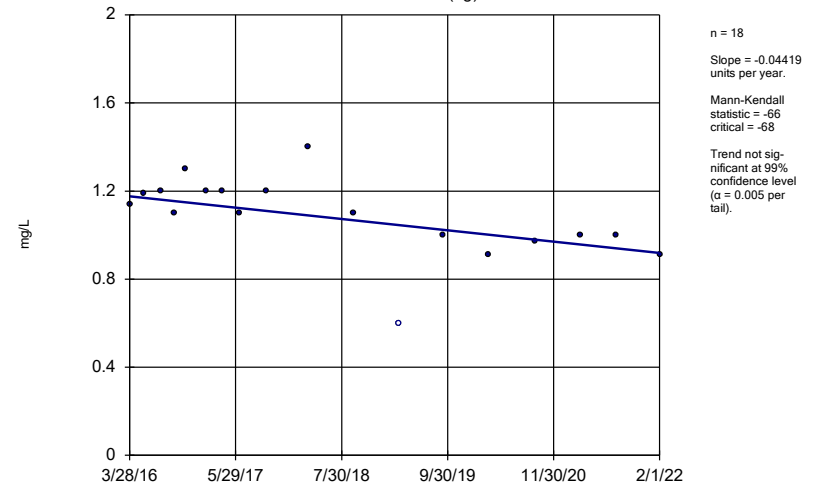
GWA-4RZ (bg)



Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

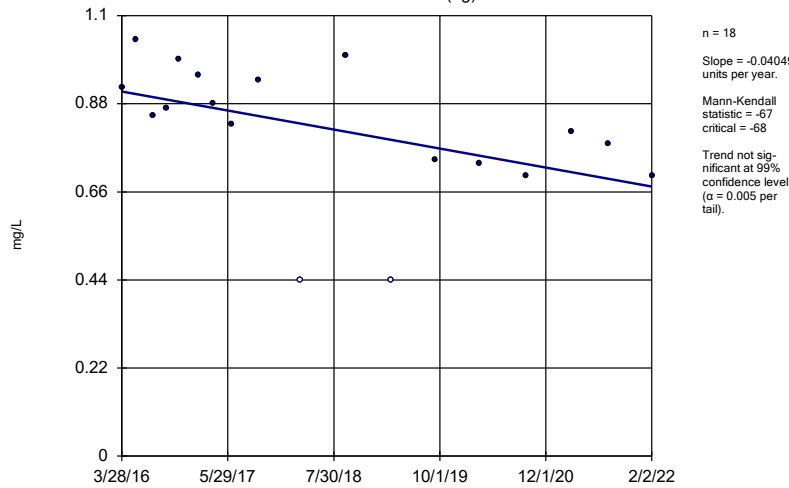
GWA-50 (bg)



Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

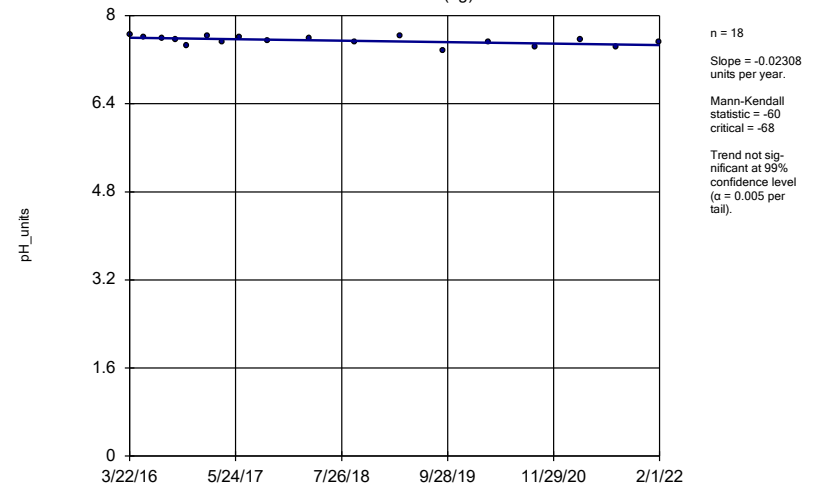
GWA-50R (bg)



Constituent: Chloride, Total Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

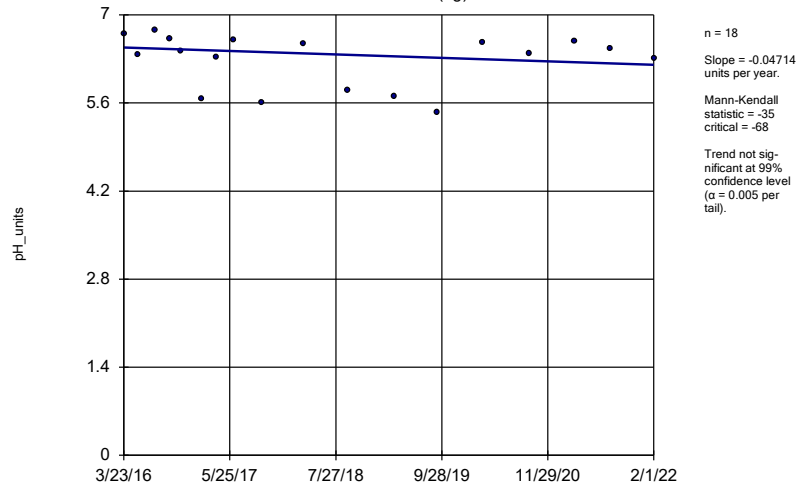
Sen's Slope Estimator

GWA-1 (bg)



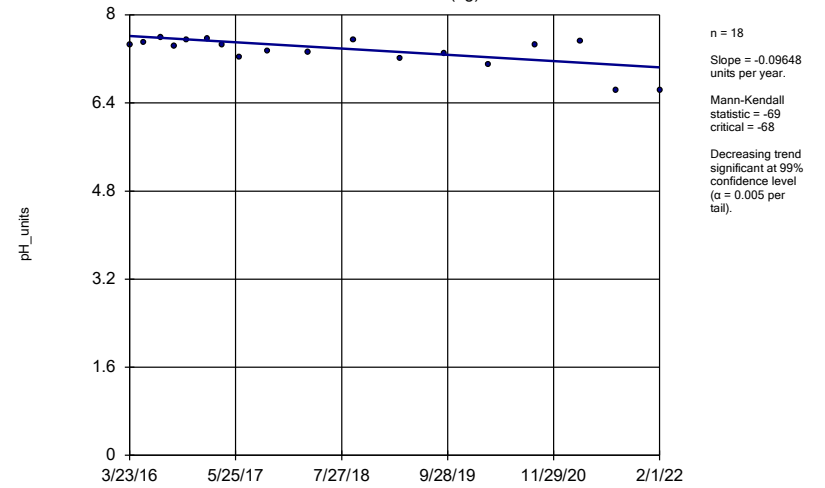
Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-2 (bg)



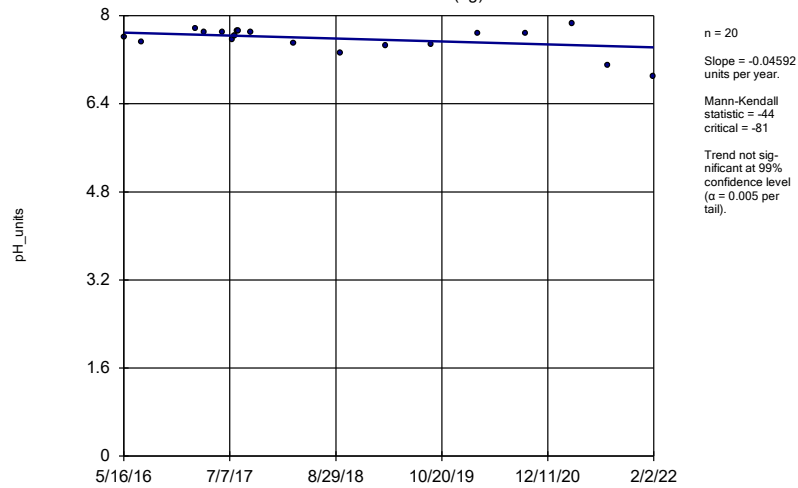
Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-2R (bg)



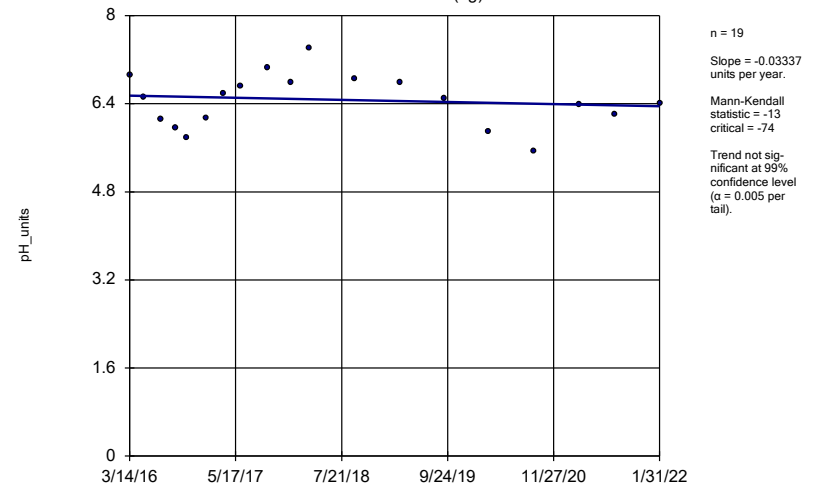
Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-39RZ (bg)



Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

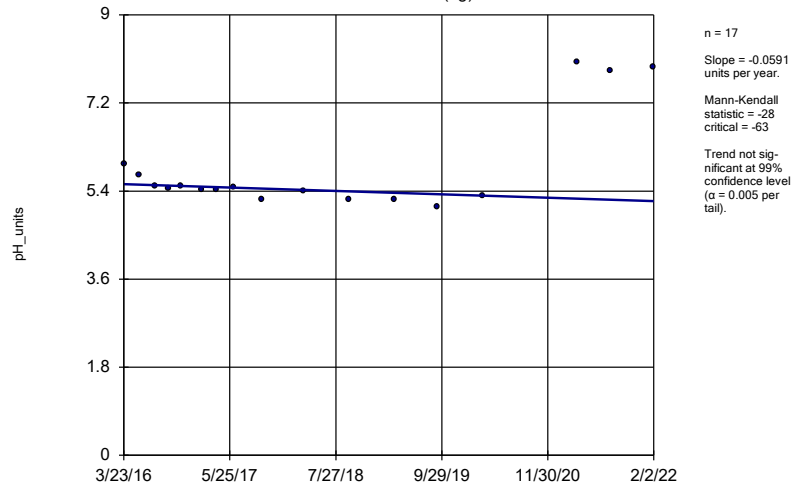
Sen's Slope Estimator
GWA-39Z (bg)



Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

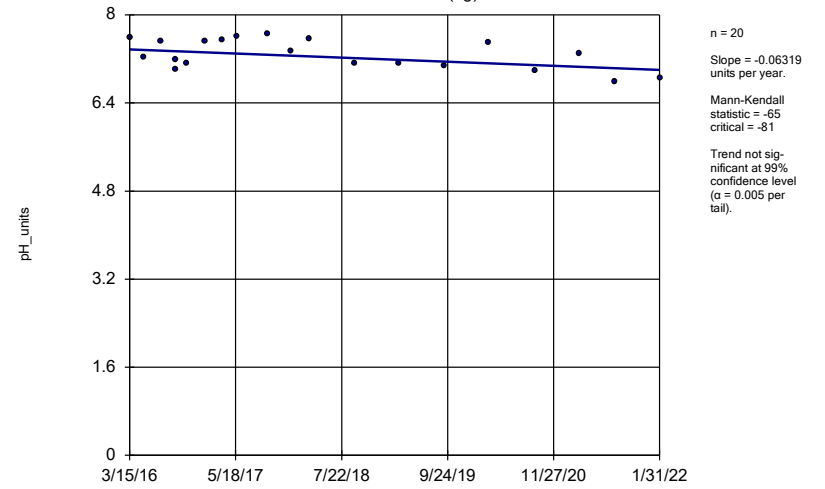
GWA-3A (bg)



Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

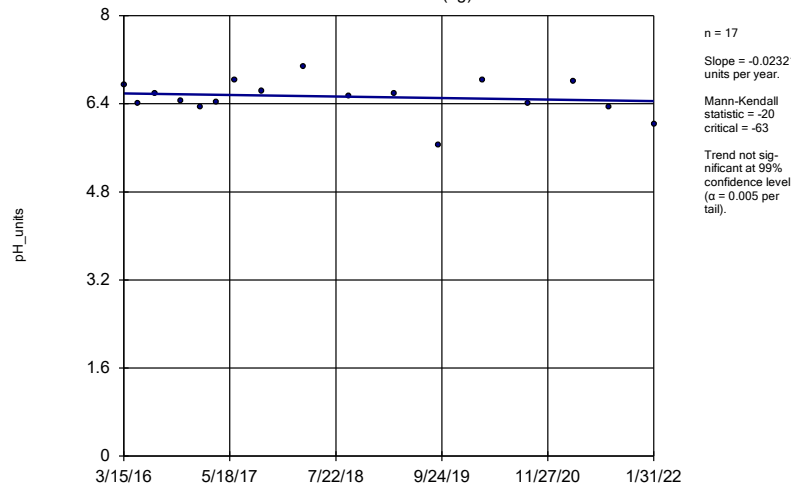
GWA-40 (bg)



Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

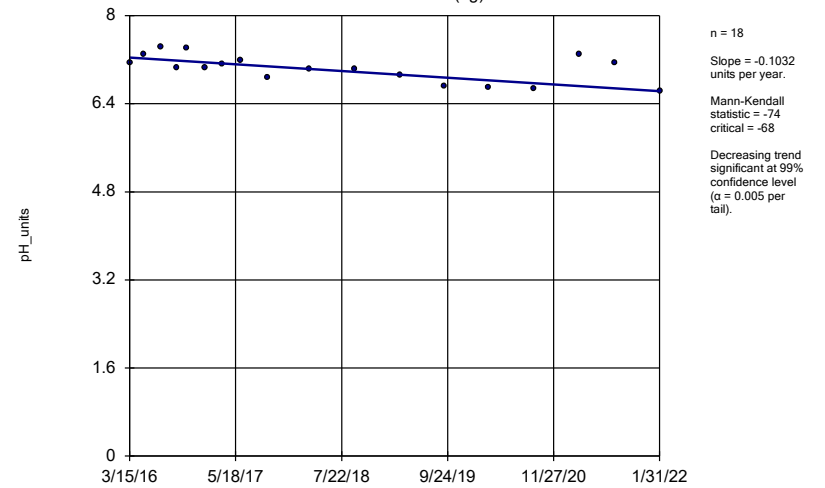
GWA-41 (bg)



Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

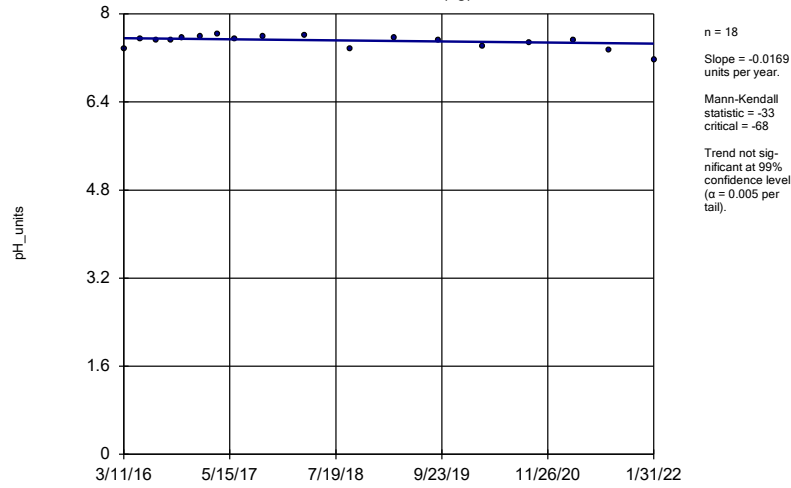
Sen's Slope Estimator

GWA-41R (bg)



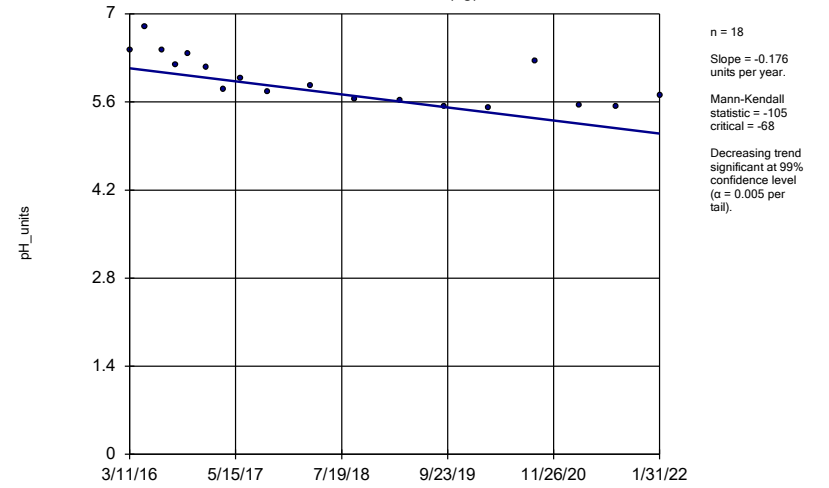
Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-42 (bg)



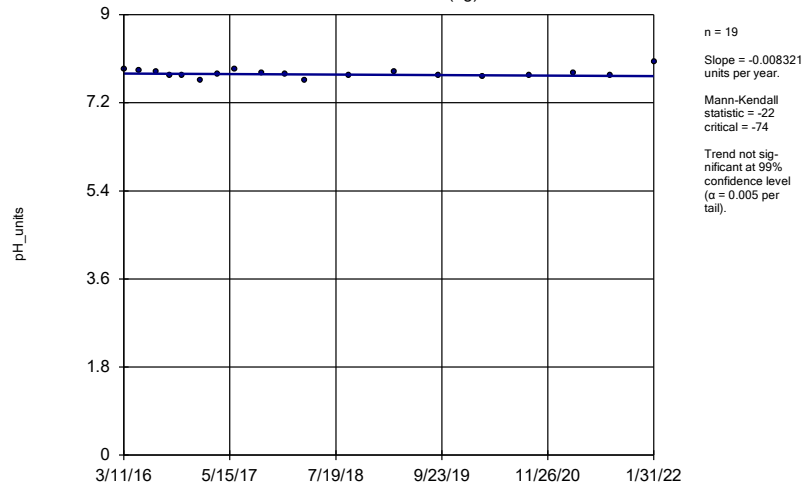
Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-43 (bg)



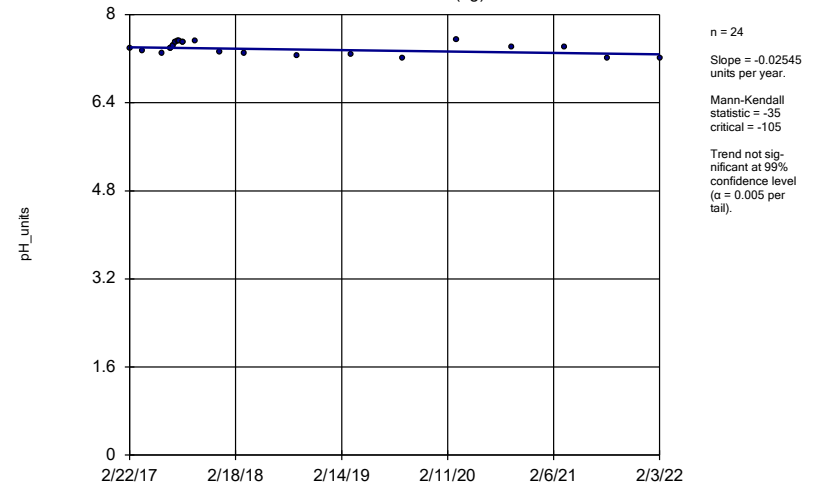
Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-43R (bg)



Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

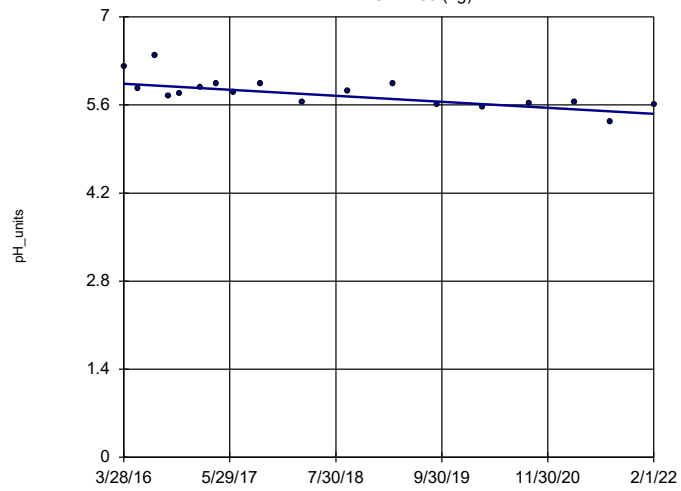
Sen's Slope Estimator
GWA-4RZ (bg)



Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50 (bg)

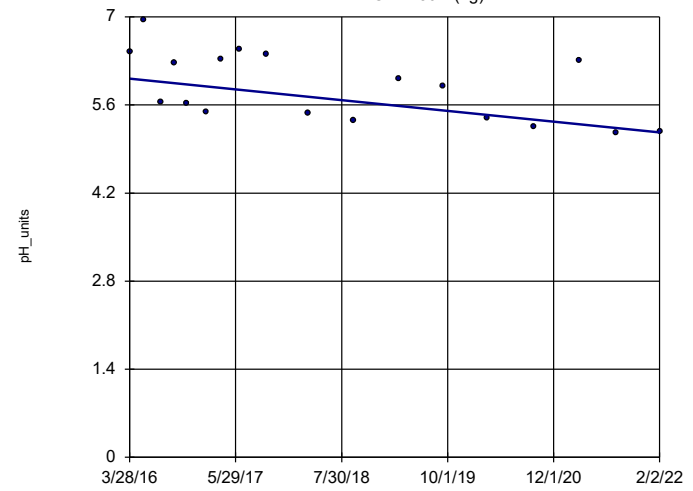


n = 18
Slope = -0.08111
units per year.
Mann-Kendall
statistic = -80
critical = -68
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50R (bg)



n = 18
Slope = -0.1458
units per year.
Mann-Kendall
statistic = -75
critical = -68
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: pH Analysis Run 4/1/2022 1:33 PM View: Appendix III Upgradient Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE K.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWA-4RZ	0.05645	n/a	2/3/2022	0.063	Yes	17	0.03282	0.00796	0	None	No	0.0001266 Param Intra 1 of 2
Barium (mg/L)	GWC-45	0.006787	n/a	2/1/2022	0.0072	Yes	16	0.005919	0.000288	0	None	No	0.0001266 Param Intra 1 of 2
Cadmium (mg/L)	GWC-12	0.001	n/a	2/2/2022	0.0012	Yes	38	n/a	n/a	57.89	n/a	n/a	0.001294 NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.01	n/a	2/1/2022	0.0028J	No	37	n/a	n/a	43.24	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-2R	0.011	n/a	2/1/2022	0.0029J	No	37	n/a	n/a	45.95	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-39RZ	0.009814	n/a	2/2/2022	0.003ND	No	15	0.00252	0.002352	20	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWA-39Z	0.004283	n/a	1/31/2022	0.003ND	No	17	0.001309	0.001002	23.53	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWA-3A	0.0068	n/a	2/2/2022	0.003ND	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-40	0.003	n/a	1/31/2022	0.0014J	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-41	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-41R	0.0037	n/a	1/31/2022	0.0011J	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-42	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43R	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4RZ	0.003	n/a	2/3/2022	0.003ND	No	17	n/a	n/a	41.18	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-50	0.003	n/a	2/1/2022	0.0015J	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50R	0.003	n/a	2/2/2022	0.003ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10R	0.003	n/a	2/4/2022	0.0016J	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11	0.003	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11R	0.012	n/a	2/4/2022	0.003ND	No	39	n/a	n/a	69.23	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.003	n/a	2/17/2022	0.003ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13RZ	0.00447	n/a	2/4/2022	0.003ND	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-14Z	0.005	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-15R	0.0106	n/a	2/4/2022	0.003ND	No	38	n/a	n/a	50	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWC-15Z	0.0053	n/a	2/7/2022	0.003ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-45	0.006586	n/a	2/1/2022	0.002J	No	17	0.03948	0.01404	23.53	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-45R	0.004265	n/a	2/1/2022	0.003ND	No	17	0.001357	0.0009798	47.06	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-46R	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-47	0.003	n/a	2/1/2022	0.003ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-47R	0.002535	n/a	2/1/2022	0.0024J	No	17	-7.189	0.4083	35.29	Kaplan-Meier	ln(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-48	0.003	n/a	1/31/2022	0.003ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-49R	0.0033	n/a	2/1/2022	0.003ND	No	17	n/a	n/a	52.94	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-49Z	0.003623	n/a	2/1/2022	0.00097J	No	17	-6.797	0.3965	35.29	Kaplan-Meier	ln(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/2/2022	0.003ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.0035	n/a	2/2/2022	0.003ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6RZ	0.003	n/a	2/2/2022	0.003ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7Z	0.003	n/a	2/2/2022	0.00093J	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8RR	0.003	n/a	2/2/2022	0.0015J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/2/2022	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	2/1/2022	0.0019J	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2R	0.0056	n/a	2/1/2022	0.0053	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39RZ	0.005	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39Z	0.005	n/a	1/31/2022	0.0021J	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3A	0.005	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-40	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.0013J	No	17	n/a	n/a	100	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4RZ	0.005571	n/a	2/3/2022	0.0034J	No	17	-6.903	0.5772	23.53	Kaplan-Meier	ln(x)	0.0001266	Param Intra 1 of 2
Arsenic (mg/L)	GWC-10	0.0079	n/a	2/4/2022	0.0023J	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-10R	0.005	n/a	2/4/2022	0.0019J	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.005	n/a	2/4/2022	0.0023J	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11R	0.0077	n/a	2/4/2022	0.0035J	No	38	n/a	n/a	42.11	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-12	0.012	n/a	2/2/2022	0.0027J	No	37	n/a	n/a	24.32	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-13	0.0096	n/a	2/17/2022	0.005ND	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-13RZ	0.0066	n/a	2/4/2022	0.0035J	No	36	n/a	n/a	58.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-14Z	0.0079	n/a	2/4/2022	0.0019J	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Arsenic (mg/L)	GWC-15R	0.005	n/a	2/4/2022	0.0026J	No	38	n/a	n/a	92.11	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-15Z	0.0077	n/a	2/7/2022	0.0025J	No	38	n/a	n/a	76.32	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-44	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-45R	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-47	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-47R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2	
Arsenic (mg/L)	GWC-49R	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-5	0.005	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-6	0.005	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-6RZ	0.005	n/a	2/2/2022	0.0012J	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-7Z	0.004641	n/a	2/2/2022	0.002J	No	17	0.001929	0.0009137	23.53	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Arsenic (mg/L)	GWC-8RR	0.005	n/a	2/2/2022	0.0013J	No	26	n/a	n/a	84.62	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-8Z	0.005	n/a	2/2/2022	0.0011J	No	21	n/a	n/a	80.95	n/a	n/a	NP Intra (NDs) 1 of 2	
Arsenic (mg/L)	GWC-9	0.0086	n/a	2/2/2022	0.0013J	No	37	n/a	n/a	91.89	n/a	n/a	NP Intra (NDs) 1 of 2	
Barium (mg/L)	GWA-1	0.04502	n/a	2/1/2022	0.015	No	37	-3.909	0.3174	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-2	0.05141	n/a	2/1/2022	0.026	No	36	0.0209	0.01195	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-2R	0.03451	n/a	2/1/2022	0.024	No	36	0.2237	0.03988	0	None	x^(1/3)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-39RZ	0.02768	n/a	2/2/2022	0.013	No	16	0.1268	0.01313	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-39Z	0.03807	n/a	1/31/2022	0.013	No	17	0.01303	0.008435	11.76	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-3A	0.009084	n/a	2/2/2022	0.0064	No	28	0.005744	0.001261	3.571	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-40	0.01275	n/a	1/31/2022	0.0081	No	16	0.008658	0.001359	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-41	0.03723	n/a	1/31/2022	0.022	No	17	0.02557	0.003928	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-41R	0.05668	n/a	1/31/2022	0.031	No	17	0.02492	0.0107	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-42	0.007092	n/a	1/31/2022	0.0063	No	17	0.006289	0.0002707	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-43	0.04685	n/a	1/31/2022	0.014	No	17	0.02083	0.008765	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-43R	0.009608	n/a	1/31/2022	0.0076	No	17	0.007821	0.0006022	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-4RZ	0.05645	n/a	2/3/2022	0.063	Yes	17	0.03282	0.00796	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-50	0.01772	n/a	2/1/2022	0.0065	No	31	0.00959	0.00312	3.226	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-50R	0.02271	n/a	2/2/2022	0.009	No	29	0.01407	0.00328	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.03628	n/a	2/4/2022	0.022	No	35	0.1368	0.02096	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-10R	0.0369	n/a	2/4/2022	0.028	No	38	0.02421	0.005	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.036	n/a	2/4/2022	0.01	No	37	n/a	n/a	2.703	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-11R	0.02549	n/a	2/4/2022	0.021	No	38	0.01365	0.004665	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.07	n/a	2/2/2022	0.023	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-13	0.05665	n/a	2/17/2022	0.02	No	36	0.02799	0.01122	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-14Z	0.05513	n/a	2/4/2022	0.014	No	34	0.134	0.03917	5.882	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-15R	0.0322	n/a	2/4/2022	0.017	No	37	0.02379	0.003303	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-15Z	0.024	n/a	2/7/2022	0.012	No	37	0.01104	0.005088	2.703	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-44	0.1003	n/a	1/31/2022	0.047	No	16	0.0405	0.01984	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-45	0.006787	n/a	2/1/2022	0.0072	Yes	16	0.005919	0.000288	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-45R	0.02752	n/a	2/1/2022	0.026	No	17	0.02092	0.002221	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-46R	0.02323	n/a	1/31/2022	0.011	No	17	-4.239	0.1605	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-47	0.02056	n/a	2/1/2022	0.0081	No	17	0.01184	0.002938	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-47R	0.01974	n/a	2/1/2022	0.0077	No	16	0.01024	0.003151	6.25	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-48	0.04387	n/a	1/31/2022	0.038	No	18	0.0008705	0.0003606	5.556	None	x^2	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-49R	0.03583	n/a	2/1/2022	0.011	No	17	-4.444	0.3757	5.882	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-49Z	0.0178	n/a	2/1/2022	0.003J	No	17	0.1729	0.02972	5.882	None	x^(1/3)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.02799	n/a	2/2/2022	0.012	No	37	0.01756	0.004096	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.03106	n/a	2/2/2022	0.0064	No	35	0.2266	0.03425	2.857	None	x^(1/3)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-6RZ	0.01822	n/a	2/2/2022	0.0066	No	21	0.008797	0.00336	4.762	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-7Z	0.04219	n/a	2/2/2022	0.015	No	17	0.02581	0.00552	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-8RR	0.024	n/a	2/2/2022	0.013	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-8Z	0.06382	n/a	2/2/2022	0.024	No	21	-3.57	0.2917	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.05337	n/a	2/2/2022	0.044	No	34	0.03874	0.005686	0	None	No	0.0001266	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWA-1	0.00051	n/a	2/1/2022	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39RZ	0.0005	n/a	2/2/2022	0.0005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39Z	0.0005	n/a	1/31/2022	0.0005ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-42	0.001	n/a	1/31/2022	0.00018J	No	17	n/a	n/a	11.76	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cadmium (mg/L)	GWA-43	0.0005	n/a	1/31/2022	0.0005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-50	0.0005	n/a	2/1/2022	0.0005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10R	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11R	0.00056	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-12	0.001	n/a	2/2/2022	0.0012	Yes	38	n/a	n/a	57.89	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-14Z	0.0005	n/a	2/4/2022	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-15R	0.0005	n/a	2/4/2022	0.0005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-44	0.0005	n/a	1/31/2022	0.0005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-45R	0.008407	n/a	2/1/2022	0.0005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-47	0.0005	n/a	2/1/2022	0.00014J	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-48	0.001	n/a	1/31/2022	0.0002J	No	16	n/a	n/a	6.25	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Cadmium (mg/L)	GWC-49Z	0.0005	n/a	2/1/2022	0.0005ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.00104	n/a	2/2/2022	0.0005ND	No	38	n/a	n/a	78.95	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-6	0.0005	n/a	2/2/2022	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7Z	0.0005	n/a	2/2/2022	0.0005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8Z	0.0005	n/a	2/2/2022	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.012	n/a	2/1/2022	0.005ND	No	35	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.009	n/a	2/1/2022	0.005ND	No	35	n/a	n/a	65.71	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2R	0.012	n/a	2/1/2022	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-39RZ	0.005	n/a	2/2/2022	0.0012J	No	16	n/a	n/a	43.75	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-39Z	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3A	0.012	n/a	2/2/2022	0.0069	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-40	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41	0.015	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-42	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43R	0.005	n/a	1/31/2022	0.0011J	No	17	n/a	n/a	41.18	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-50	0.005	n/a	2/1/2022	0.005ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-50R	0.005	n/a	2/2/2022	0.005ND	No	32	n/a	n/a	68.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.034	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	45.95	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-10R	0.01	n/a	2/4/2022	0.005ND	No	36	n/a	n/a	77.78	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-11	0.01362	n/a	2/4/2022	0.0071	No	37	0.005363	0.003241	29.73	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-11R	0.02332	n/a	2/4/2022	0.0042J	No	27	0.09077	0.02324	3.704	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-12	0.03	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-13	0.035	n/a	2/17/2022	0.0053	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-13RZ	0.005	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-14Z	0.01804	n/a	2/4/2022	0.005ND	No	36	0.05936	0.02935	30.56	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-15R	0.014	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-15Z	0.027	n/a	2/7/2022	0.0011J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-44	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-45	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-45R	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-46R	0.009521	n/a	1/31/2022	0.0051	No	18	0.05595	0.01424	16.67	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-47	0.01	n/a	2/1/2022	0.0015J	No	16	n/a	n/a	12.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-47R	0.018	n/a	2/1/2022	0.0022J	No	16	n/a	n/a	0	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-48	0.01	n/a	1/31/2022	0.002J	No	17	n/a	n/a	29.41	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-49R	0.005	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	52.94	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-49Z	0.017	n/a	2/1/2022	0.005ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.032	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	55.26	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.027	n/a	2/2/2022	0.0026J	No	37	n/a	n/a	27.03	n/a	n/a	0.001361	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-6RZ	0.01	n/a	2/2/2022	0.0024J	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-7Z	0.005	n/a	2/2/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8RR	0.01	n/a	2/2/2022	0.0015J	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8Z	0.01	n/a	2/2/2022	0.0021J	No	20	n/a	n/a	30	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-9	0.018	n/a	2/2/2022	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	78.95	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.013	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2R	0.005	n/a	2/1/2022	0.00093J	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39RZ	0.0057	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39Z	0.0104	n/a	1/31/2022	0.005ND	No	17	0.04156	0.02036	29.41	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWA-3A	0.0057	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	40.54	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-42	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4RZ	0.02994	n/a	2/3/2022	0.0059	No	17	0.01093	0.006405	5.882	None	No	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWA-50R	0.005	n/a	2/2/2022	0.005ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.013	n/a	2/4/2022	0.0018J	No	38	n/a	n/a	60.53	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.016	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	81.58	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11R	0.005	n/a	2/4/2022	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.01	n/a	2/2/2022	0.0034J	No	37	n/a	n/a	8.108	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-13	0.011	n/a	2/17/2022	0.005ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-13RZ	0.0079	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-14Z	0.011	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	81.58	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-15R	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-15Z	0.005	n/a	2/7/2022	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-44	0.01	n/a	1/31/2022	0.0017J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-45	0.01	n/a	2/1/2022	0.0013J	No	17	n/a	n/a	11.76	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-48	0.01	n/a	1/31/2022	0.0021J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-49Z	0.01203	n/a	2/1/2022	0.00066J	No	17	0.003682	0.002811	11.76	None	No	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWC-5	0.0073	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	57.89	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7Z	0.01	n/a	2/2/2022	0.00042J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-8RR	0.005	n/a	2/2/2022	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8Z	0.005	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.0067	n/a	2/2/2022	0.00043J	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-1	0.0094	n/a	2/1/2022	0.005ND	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.013	n/a	2/1/2022	0.005ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2R	0.013	n/a	2/1/2022	0.00096J	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39RZ	0.011	n/a	2/2/2022	0.005ND	No	11	n/a	n/a	81.82	n/a	n/a	0.01276	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39Z	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3A	0.06218	n/a	2/2/2022	0.005ND	No	32	0.03331	0.01113	6.25	None	No	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWA-40	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.0028J	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-42	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.0014J	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43R	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4RZ	0.005	n/a	2/3/2022	0.005ND	No	10	n/a	n/a	70	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-50	0.06029	n/a	2/1/2022	0.0017J	No	27	-5.166	0.8843	14.81	None	ln(x)	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWA-50R	0.02138	n/a	2/2/2022	0.0033J	No	16	-5.507	0.5512	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWC-10	0.006	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10R	0.007	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.013	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11R	0.019	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWC-12	0.0067	n/a	2/2/2022	0.005ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.005	n/a	2/17/2022	0.005ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13RZ	0.013	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14Z	0.0056	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15R	0.02	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15Z	0.021	n/a	2/7/2022	0.005ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-44	0.005	n/a	1/31/2022	0.00053J	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-45	0.012	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-45R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-47	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-47R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-48	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-49Z	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.07478	n/a	2/2/2022	0.024	No	32	0.1527	0.04654	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWC-6	0.0069	n/a	2/2/2022	0.005ND	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6RZ	0.005	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7Z	0.005	n/a	2/2/2022	0.005ND	No	11	n/a	n/a	63.64	n/a	n/a	0.01276	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8RR	0.005	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8Z	0.005	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.01	n/a	2/2/2022	0.005ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.0028	n/a	2/1/2022	0.001ND	No	38	n/a	n/a	78.95	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.002536	n/a	2/1/2022	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2R	0.001	n/a	2/1/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39RZ	0.0011	n/a	2/2/2022	0.001ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39Z	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-40	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41R	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-42	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43	0.001	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43R	0.0038	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4RZ	0.001	n/a	2/3/2022	0.001ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50	0.001	n/a	2/1/2022	0.001ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50R	0.0012	n/a	2/2/2022	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10R	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11R	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	2/17/2022	0.001ND	No	38	n/a	n/a	76.32	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13RZ	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14Z	0.001	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15R	0.0011	n/a	2/4/2022	0.001ND	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15Z	0.001	n/a	2/7/2022	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-44	0.001018	n/a	1/31/2022	0.001ND	No	17	0.0004531	0.0001903	23.53	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Lead (mg/L)	GWC-45	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	35.29	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-45R	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-47	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-47R	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-48	0.002529	n/a	1/31/2022	0.001ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-49Z	0.001	n/a	2/1/2022	0.001ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/2/2022	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/2/2022	0.001ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6RZ	0.001	n/a	2/2/2022	0.001ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7Z	0.001	n/a	2/2/2022	0.001ND	No	17	n/a	n/a	47.06	n/a	n/a	0.005914	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-8RR	0.001	n/a	2/2/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8Z	0.001	n/a	2/2/2022	0.001ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-9	0.0012	n/a	2/2/2022	0.001ND	No	38	n/a	n/a	71.05	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.024	n/a	2/1/2022	0.005ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.02	n/a	2/1/2022	0.005ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2R	0.0093	n/a	2/1/2022	0.005ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39RZ	0.0224	n/a	2/2/2022	0.005ND	No	12	n/a	n/a	58.33	n/a	n/a	0.01077	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39Z	0.01656	n/a	1/31/2022	0.005ND	No	15	0.1494	0.03401	33.33	Kaplan-Meier	x^(1/3)	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWA-3A	0.05189	n/a	2/2/2022	0.005ND	No	29	0.02228	0.01125	6.897	None	No	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWA-41	0.0089	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41R	0.005	n/a	1/31/2022	0.00091J	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-42	0.01	n/a	1/31/2022	0.0011J	No	16	n/a	n/a	12.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.00077J	No	16	n/a	n/a	37.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43R	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4RZ	0.005	n/a	2/3/2022	0.005ND	No	10	n/a	n/a	80	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-50	0.005	n/a	2/1/2022	0.0008J	No	27	n/a	n/a	48.15	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-50R	0.01263	n/a	2/2/2022	0.00089J	No	16	-6.247	0.622	6.25	None	ln(x)	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-10	0.032	n/a	2/4/2022	0.0014J	No	33	n/a	n/a	48.48	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-10R	0.006	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0087	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11R	0.005	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.029	n/a	2/2/2022	0.0025J	No	33	n/a	n/a	39.39	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-13	0.015	n/a	2/17/2022	0.005ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13RZ	0.005	n/a	2/4/2022	0.005ND	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14Z	0.011	n/a	2/4/2022	0.005ND	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-15R	0.0096	n/a	2/4/2022	0.00093J	No	32	n/a	n/a	59.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-15Z	0.019	n/a	2/7/2022	0.005ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-44	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-45	0.01	n/a	2/1/2022	0.0011J	No	16	n/a	n/a	6.25	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-45R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-47	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-47R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-48	0.01	n/a	1/31/2022	0.0052	No	16	n/a	n/a	6.25	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-49R	0.005	n/a	2/1/2022	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-49Z	0.01094	n/a	2/1/2022	0.0014J	No	16	0.003799	0.00237	6.25	None	No	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-5	0.06412	n/a	2/2/2022	0.0088	No	33	0.14	0.04382	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-6	0.022	n/a	2/2/2022	0.005ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7Z	0.005	n/a	2/2/2022	0.005ND	No	11	n/a	n/a	36.36	n/a	n/a	0.01276	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-8RR	0.005	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8Z	0.005	n/a	2/2/2022	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.014	n/a	2/2/2022	0.0011J	No	31	n/a	n/a	35.48	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-2	0.005	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2R	0.005	n/a	2/1/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-43	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13	0.0074	n/a	2/17/2022	0.005ND	No	38	n/a	n/a	60.53	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13RZ	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14Z	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-15R	0.005	n/a	2/4/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-44	0.007498	n/a	1/31/2022	0.0018J	No	17	0.003418	0.001374	41.18	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Selenium (mg/L)	GWC-46R	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-48	0.005	n/a	1/31/2022	0.005ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-5	0.0072	n/a	2/2/2022	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-6RZ	0.005	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8Z	0.0089	n/a	2/2/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-9	0.005	n/a	2/2/2022	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-39RZ	0.005	n/a	2/2/2022	0.005ND	No	12	n/a	n/a	91.67	n/a	n/a	0.01077	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50	0.005	n/a	2/1/2022	0.005ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50R	0.004422	n/a	2/2/2022	0.0012J	No	27	0.002051	0.0008896	29.63	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Silver (mg/L)	GWC-12	0.005	n/a	2/2/2022	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13RZ	0.005	n/a	2/4/2022	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/1/2022	0.01ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	2/1/2022	0.01ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2R	0.01	n/a	2/1/2022	0.01ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-39RZ	0.01	n/a	2/2/2022	0.01ND	No	12	n/a	n/a	91.67	n/a	n/a	0.01077	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3A	0.01	n/a	2/2/2022	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43	0.01	n/a	1/31/2022	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43R	0.01	n/a	1/31/2022	0.01ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4RZ	0.01	n/a	2/3/2022	0.01ND	No	10	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-50R	0.01	n/a	2/2/2022	0.01ND	No	27	n/a	n/a	74.07	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-10	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11R	0.01	n/a	2/4/2022	0.01ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-12	0.01	n/a	2/2/2022	0.01ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.01	n/a	2/17/2022	0.01ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13RZ	0.011	n/a	2/4/2022	0.01ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14Z	0.012	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15R	0.01	n/a	2/4/2022	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15Z	0.012	n/a	2/7/2022	0.01ND	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-45	0.01	n/a	2/1/2022	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-47R	0.01	n/a	2/1/2022	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/2/2022	0.01ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-6	0.01	n/a	2/2/2022	0.01ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8RR	0.01	n/a	2/2/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8Z	0.01	n/a	2/2/2022	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/2/2022	0.01ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.02	n/a	2/1/2022	0.02ND	No	30	n/a	n/a	33.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-2	0.027	n/a	2/1/2022	0.02ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2R	0.02	n/a	2/1/2022	0.02ND	No	32	n/a	n/a	50	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-39RZ	0.02	n/a	2/2/2022	0.02ND	No	12	n/a	n/a	58.33	n/a	n/a	0.01077	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39Z	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-3A	0.1542	n/a	2/2/2022	0.02ND	No	32	0.2389	0.05929	9.375	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWA-40	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41R	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-42	0.01923	n/a	1/31/2022	0.02ND	No	16	0.1016	0.0123	31.25	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWA-43	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-43R	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-4RZ	0.02	n/a	2/3/2022	0.02ND	No	10	n/a	n/a	60	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-50	0.02	n/a	2/1/2022	0.02ND	No	26	n/a	n/a	34.62	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-50R	0.02	n/a	2/2/2022	0.02ND	No	23	n/a	n/a	34.78	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.05529	n/a	2/4/2022	0.02ND	No	33	0.1855	0.07566	36.36	Kaplan-Meier	x^(1/3)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-10R	0.02	n/a	2/4/2022	0.02ND	No	33	n/a	n/a	45.45	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-11	0.02	n/a	2/4/2022	0.02ND	No	33	n/a	n/a	63.64	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11R	0.02	n/a	2/4/2022	0.02ND	No	33	n/a	n/a	48.48	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-12	0.1062	n/a	2/2/2022	0.019J	No	33	-4.535	0.8873	12.12	None	ln(x)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-13	0.02243	n/a	2/17/2022	0.02ND	No	29	0.00862	0.005244	31.03	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-13RZ	0.02	n/a	2/4/2022	0.02ND	No	29	n/a	n/a	34.48	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-14Z	0.02	n/a	2/4/2022	0.02ND	No	28	n/a	n/a	35.71	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-15R	0.02	n/a	2/4/2022	0.02ND	No	31	n/a	n/a	22.58	n/a	n/a	0.001905	NP Intra (normality) 1 of 2

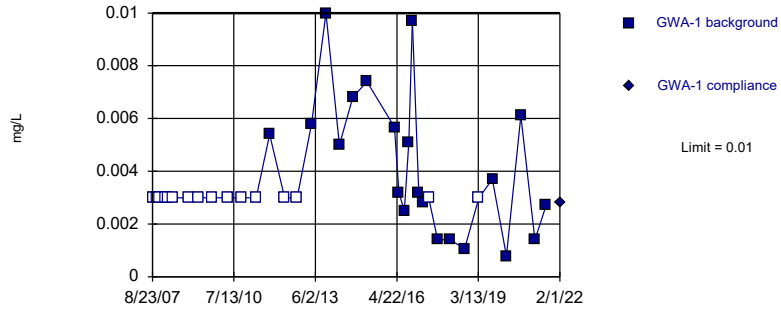
Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 7:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Zinc (mg/L)	GWC-15Z	0.025	n/a	2/7/2022	0.02ND	No	29	n/a	n/a	48.28	n/a	n/a	0.002172 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-44	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	31.25	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-45	0.02	n/a	2/1/2022	0.02ND	No	16	n/a	n/a	43.75	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-45R	0.02	n/a	2/1/2022	0.02ND	No	16	n/a	n/a	31.25	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-46R	0.02	n/a	1/31/2022	0.02ND	No	16	n/a	n/a	56.25	n/a	n/a	0.006456 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-47	0.06071	n/a	2/1/2022	0.038	No	17	0.03192	0.009697	11.76	None	No	0.0001266 Param Intra 1 of 2
Zinc (mg/L)	GWC-47R	0.04024	n/a	2/1/2022	0.029	No	16	0.01806	0.007359	12.5	None	No	0.0001266 Param Intra 1 of 2
Zinc (mg/L)	GWC-48	0.01502	n/a	1/31/2022	0.02ND	No	16	-4.953	0.2504	37.5	Kaplan-Meier ln(x)		0.0001266 Param Intra 1 of 2
Zinc (mg/L)	GWC-49R	0.02	n/a	2/1/2022	0.02ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-49Z	0.02	n/a	2/1/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-5	0.06943	n/a	2/2/2022	0.034	No	14	0.04024	0.009154	7.143	None	No	0.0001266 Param Intra 1 of 2
Zinc (mg/L)	GWC-6	0.021	n/a	2/2/2022	0.02ND	No	28	n/a	n/a	42.86	n/a	n/a	0.002337 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-6RZ	0.02	n/a	2/2/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-7Z	0.02	n/a	2/2/2022	0.02ND	No	11	n/a	n/a	81.82	n/a	n/a	0.01276 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8RR	0.02	n/a	2/2/2022	0.02ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8Z	0.02	n/a	2/2/2022	0.02ND	No	16	n/a	n/a	50	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.02315	n/a	2/2/2022	0.02ND	No	29	0.1828	0.03884	24.14	Kaplan-Meier x^(1/3)		0.0001266 Param Intra 1 of 2

Within Limit

Prediction Limit
Intrawell Non-parametric

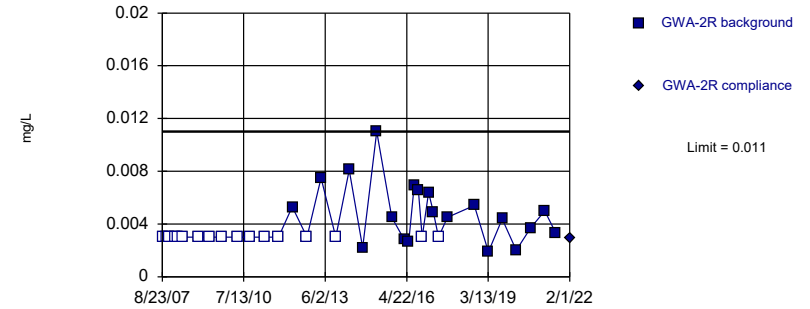


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 43.24% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

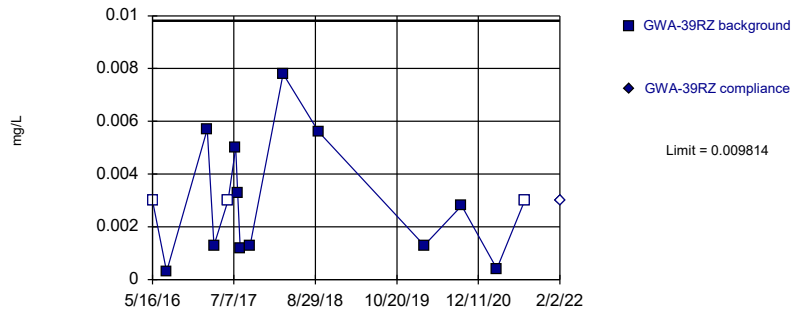


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 45.95% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

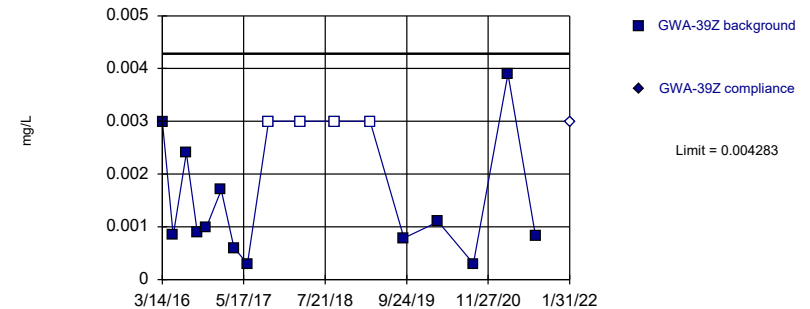


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00252, Std. Dev.=0.002352, n=15, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.914, critical = 0.835. Kappa = 3.102 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

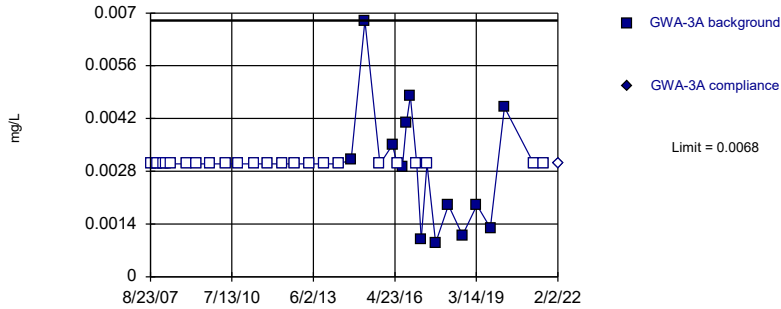


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001309, Std. Dev.=0.001002, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.863, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

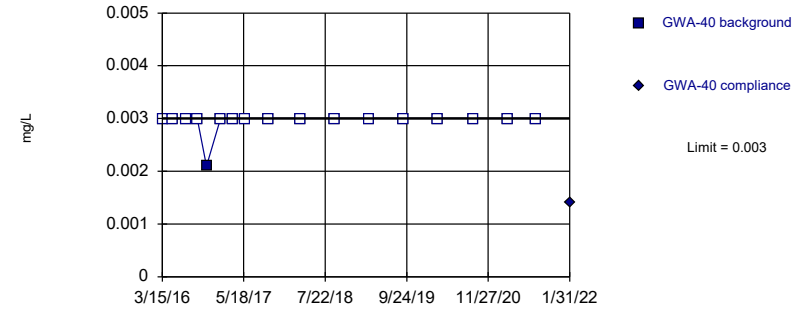


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

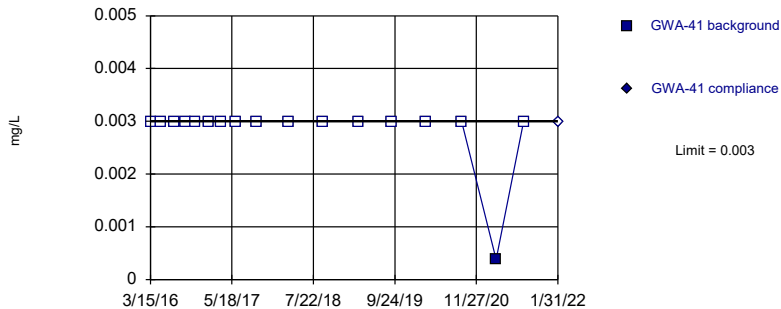


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

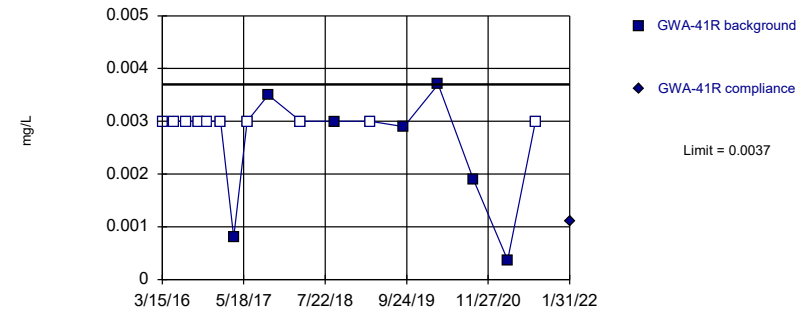


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

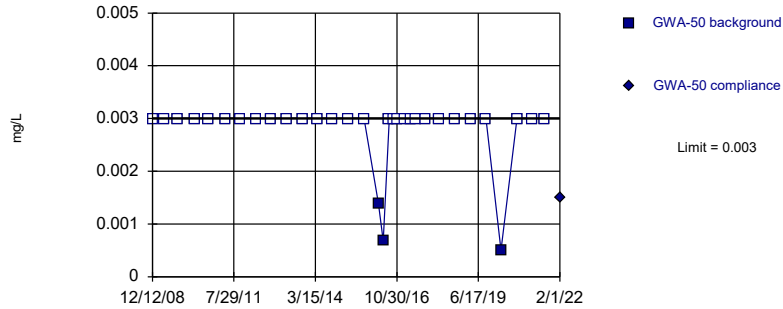


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 58.82% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

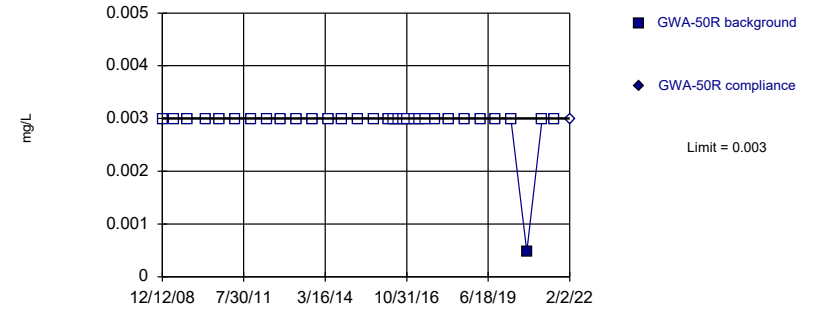


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

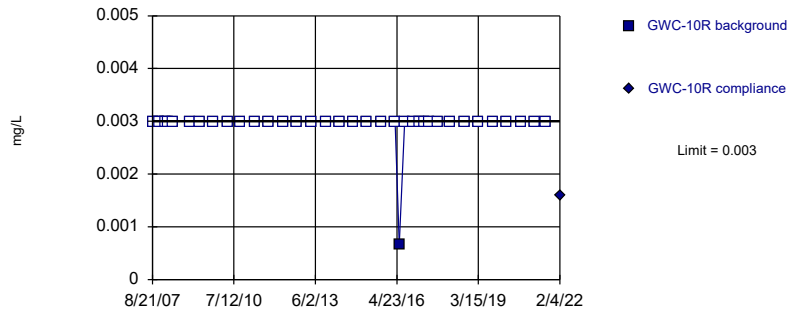


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

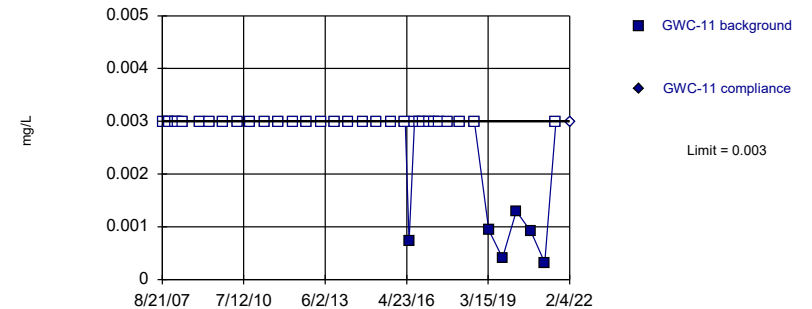


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

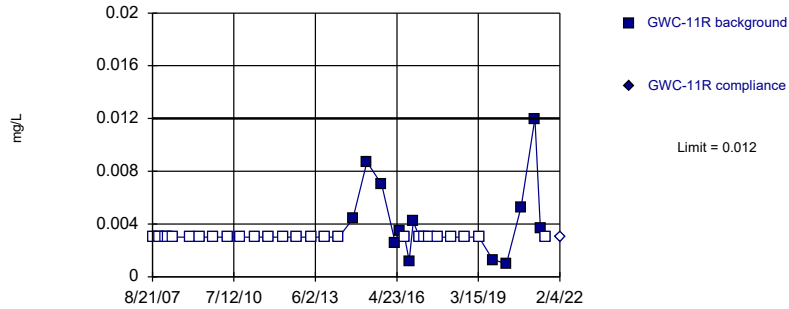


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

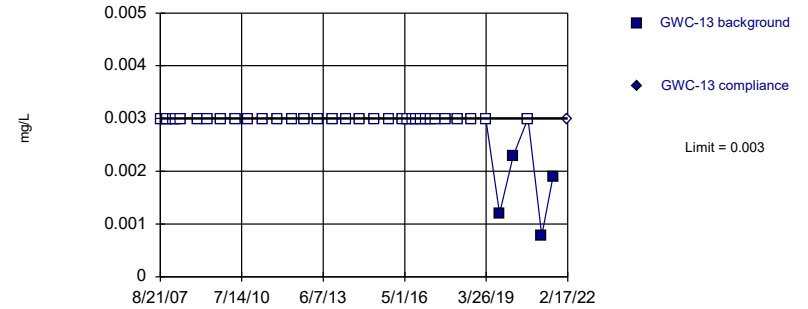


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.002451. Individual comparison alpha = 0.001226 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

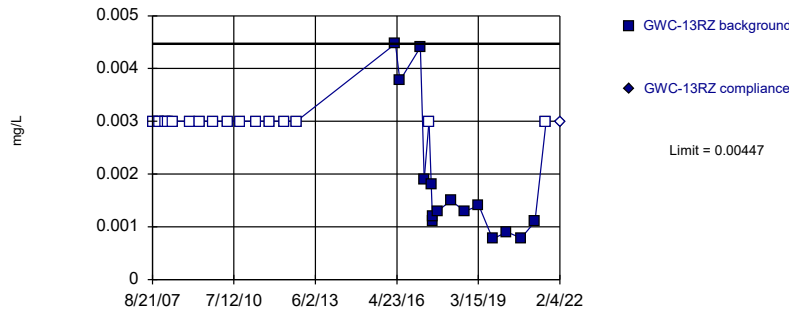


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

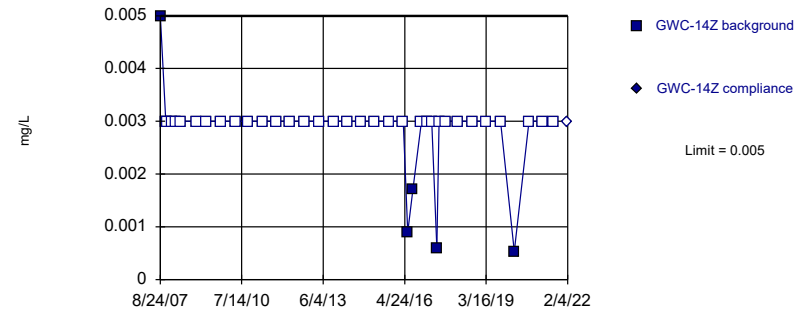


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

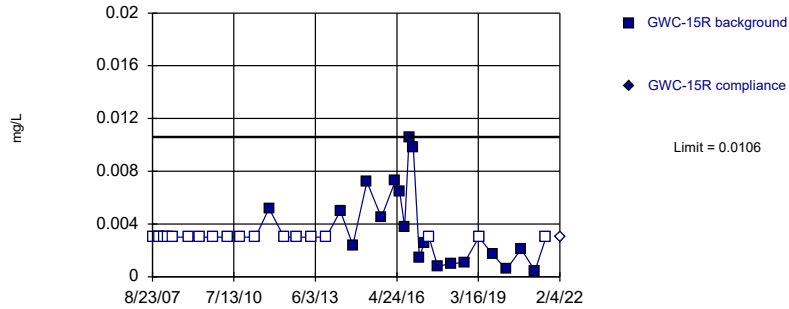


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 86.84% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:54 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

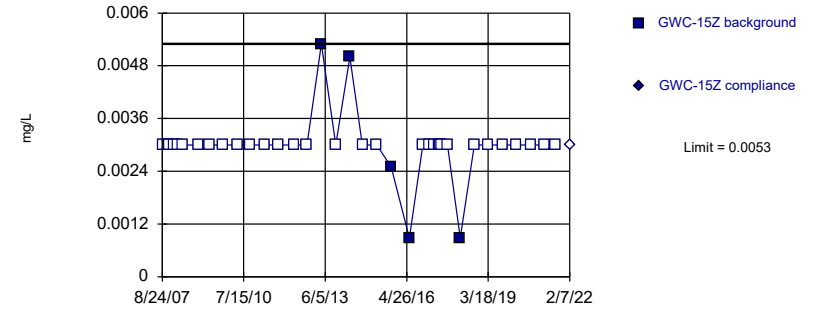


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. 50% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

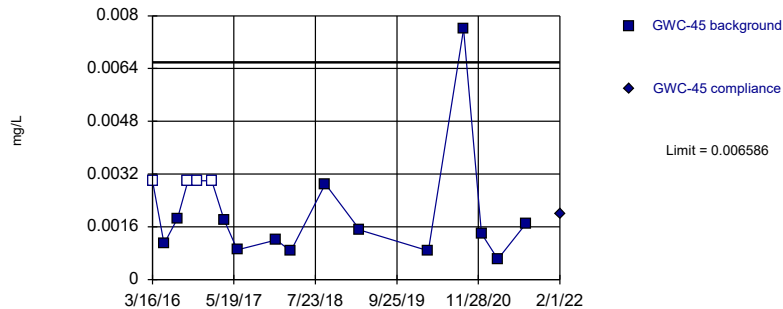


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

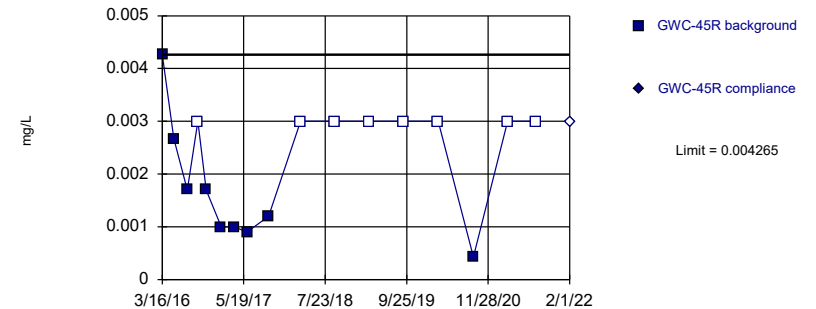


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.03948, Std. Dev.=0.01404, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8653, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

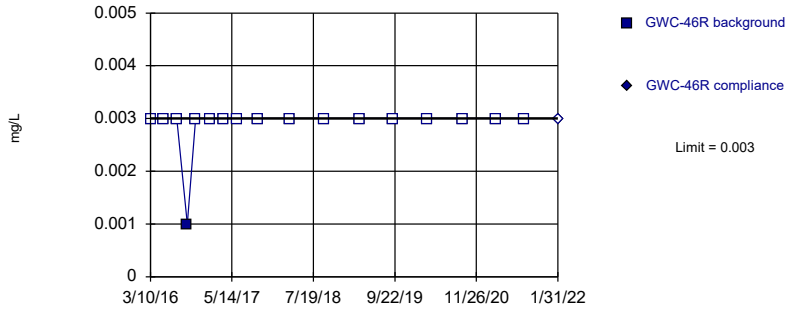


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001357, Std. Dev.=0.0009798, n=17, 47.06% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8661, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

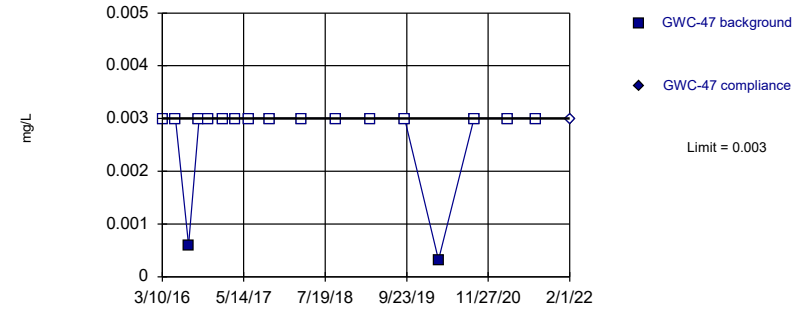


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

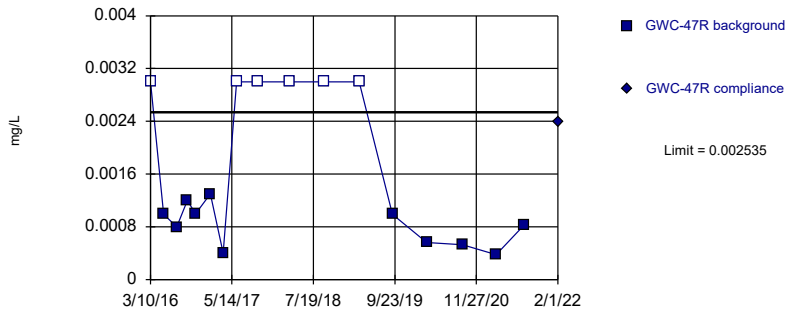


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

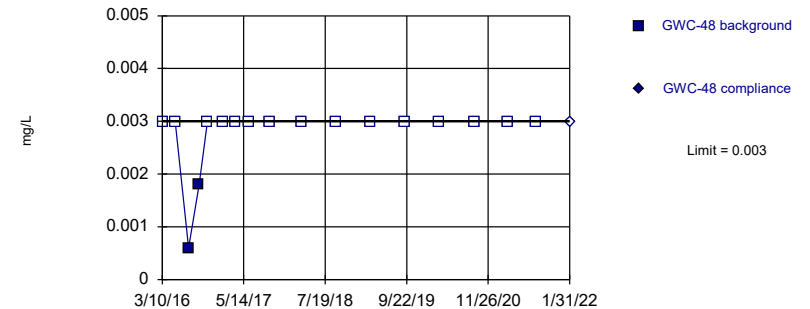


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-7.189, Std. Dev.=0.4083, n=17, 35.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8689, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

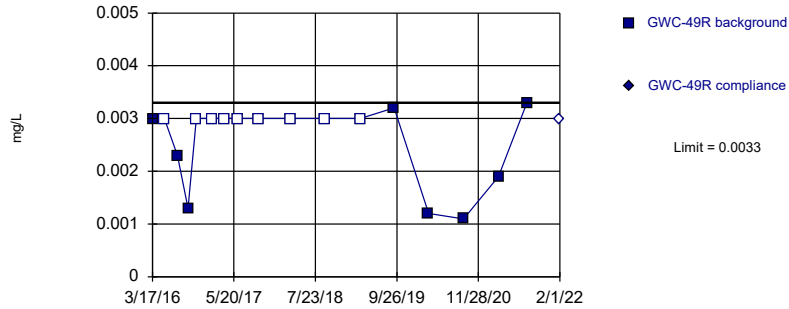


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

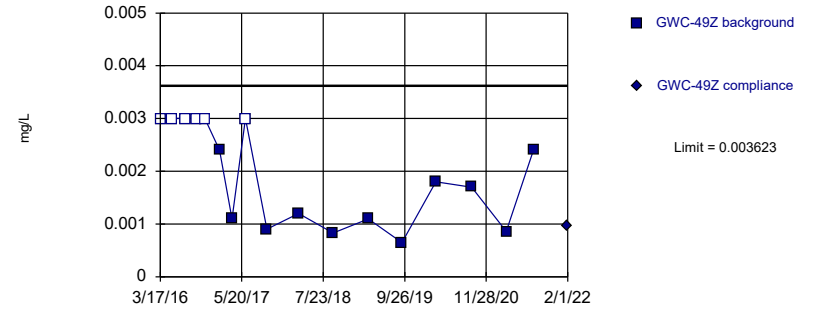


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 52.94% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

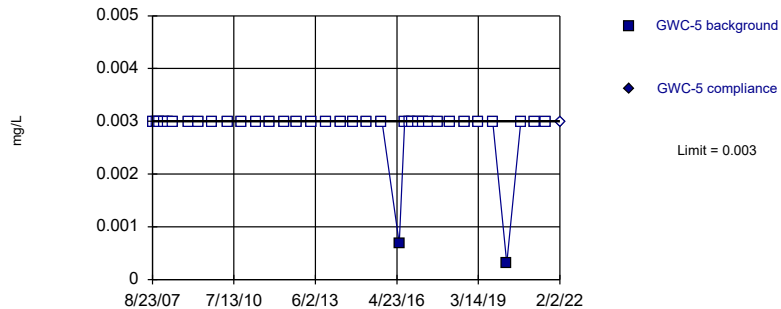


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-6.797, Std. Dev.=0.3965, n=17, 35.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8546, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

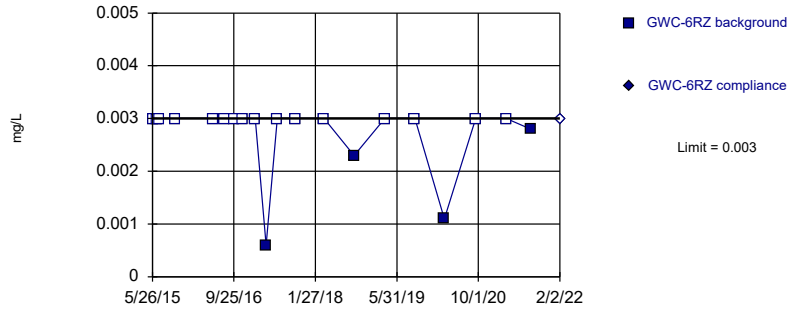
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
 Intrawell Non-parametric

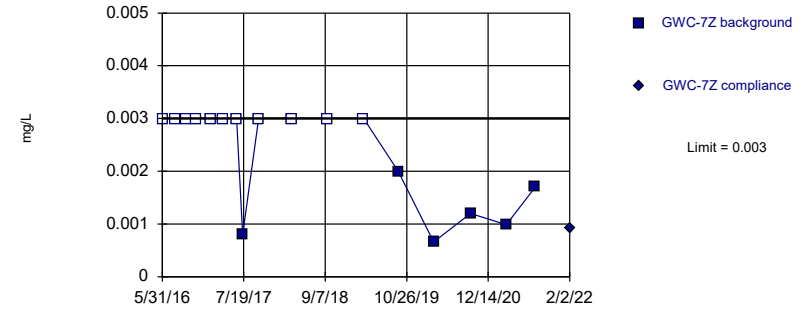


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

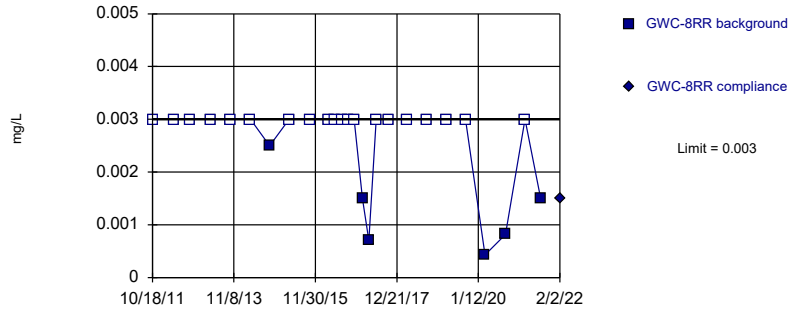


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

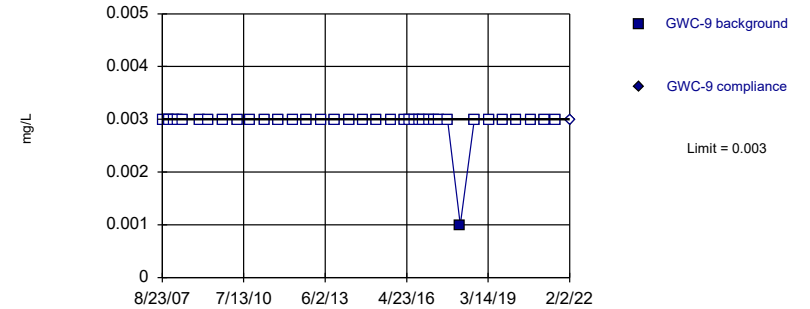


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

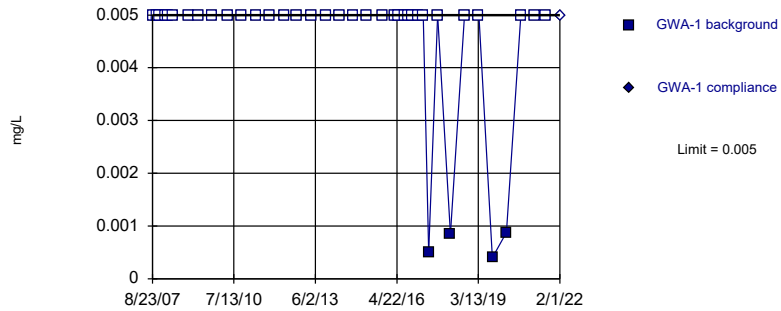


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

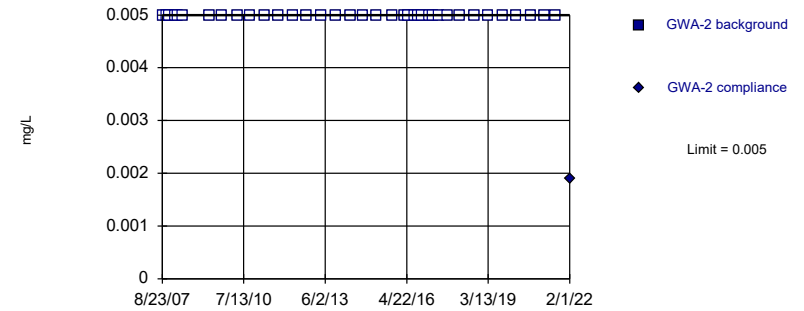


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

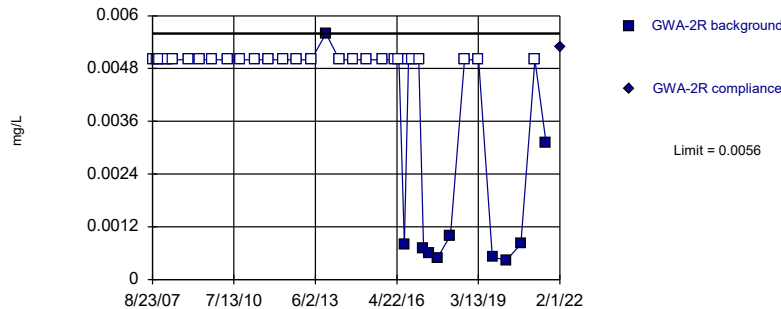


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

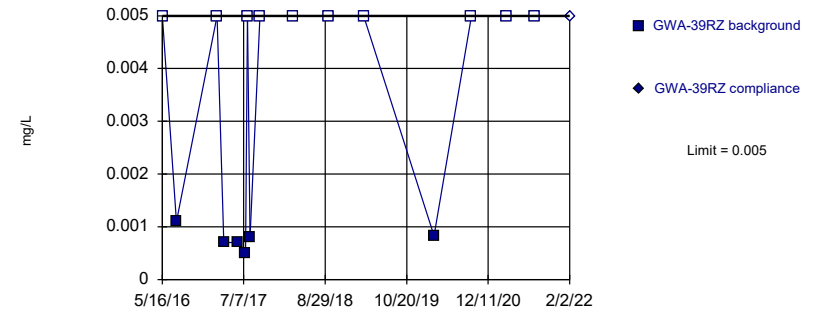


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 71.05% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

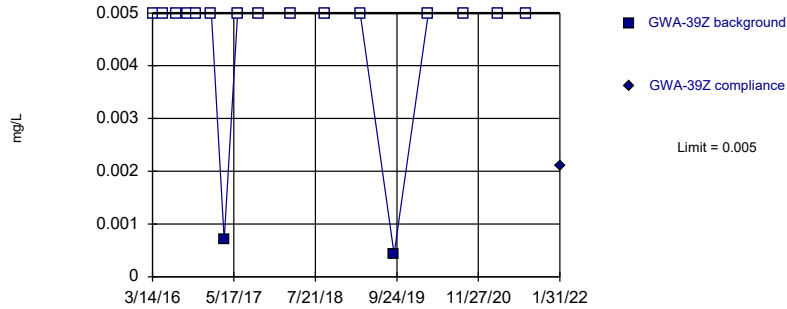


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

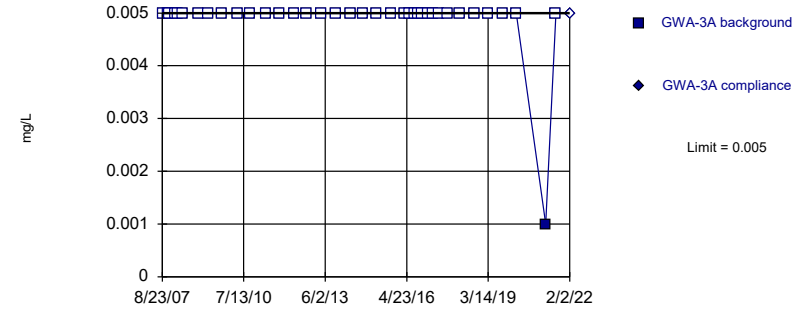


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

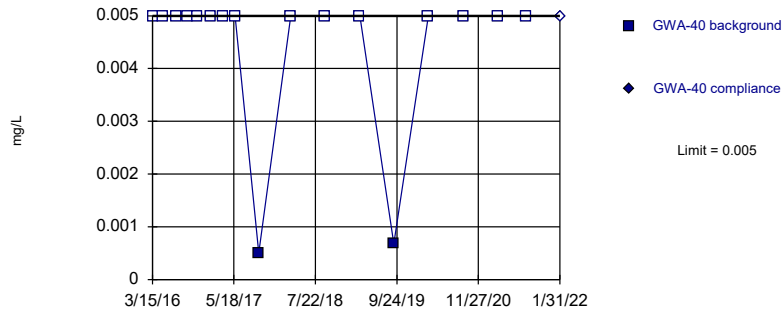


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

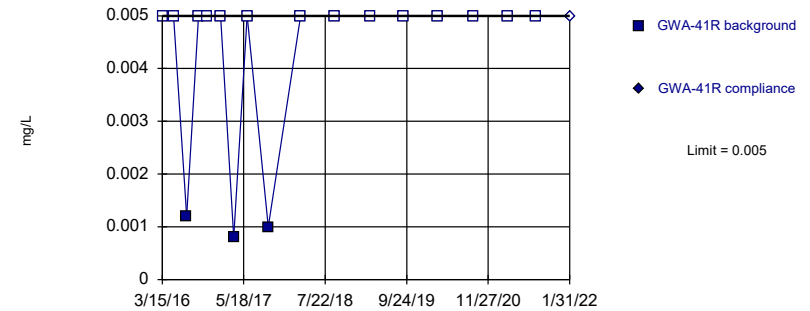


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

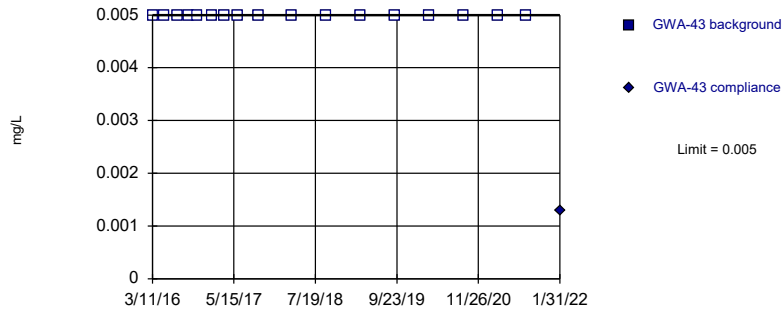


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

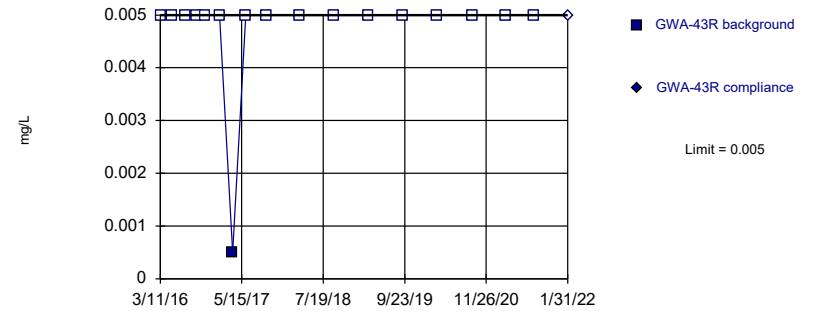


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

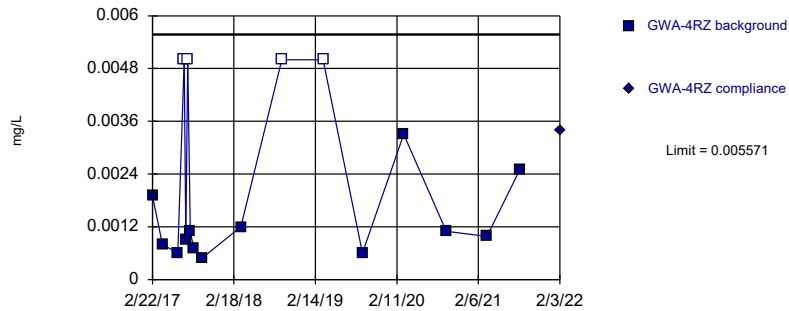


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

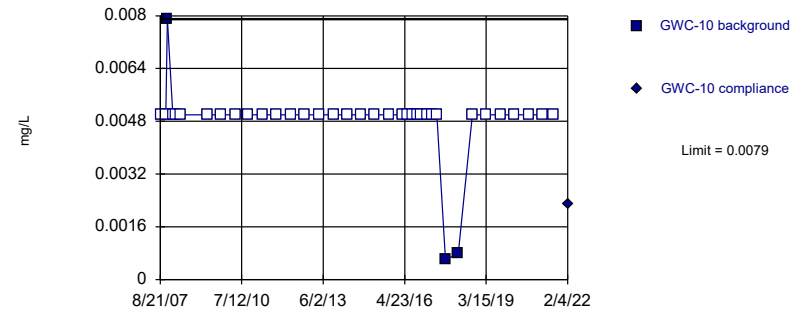


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-6.903, Std. Dev.=0.5772, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8784, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

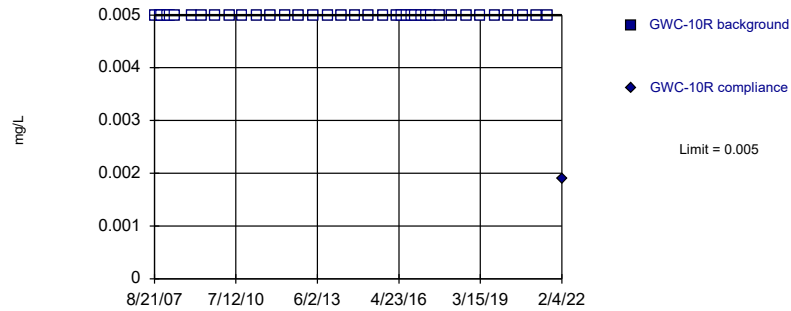


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

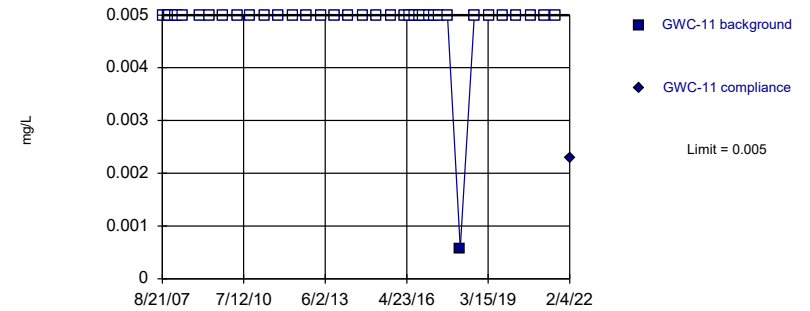


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

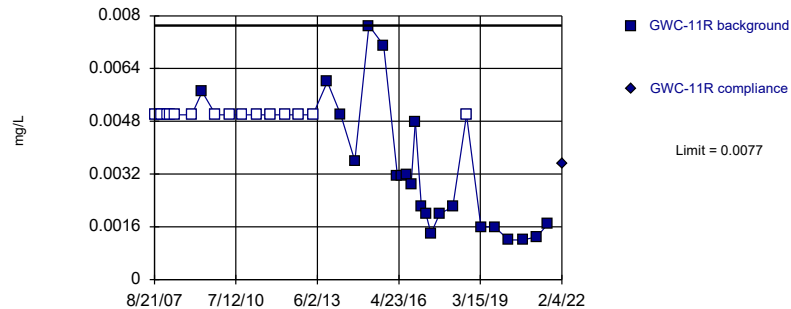


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

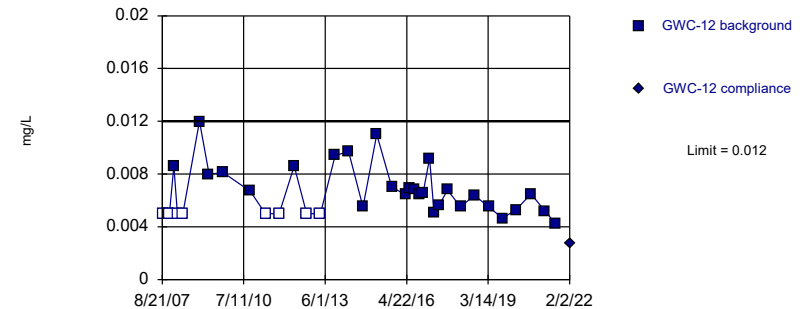


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. 42.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

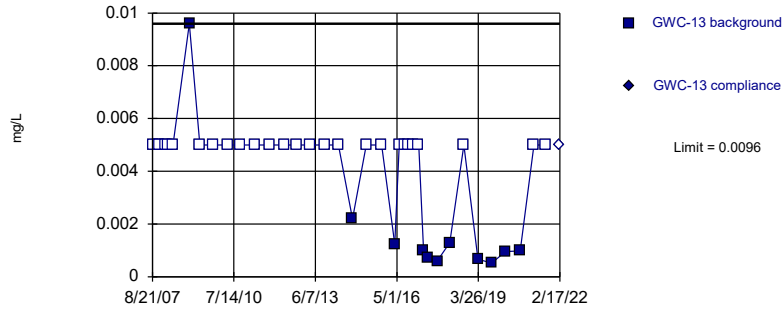


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 24.32% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

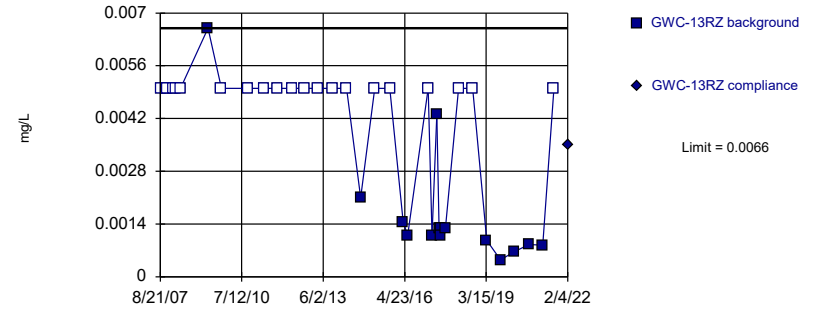


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 71.05% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

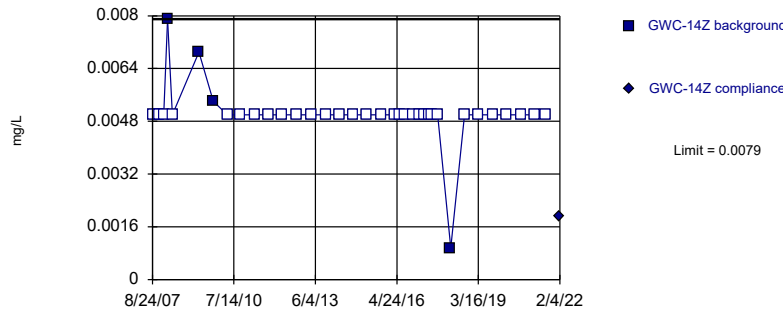


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

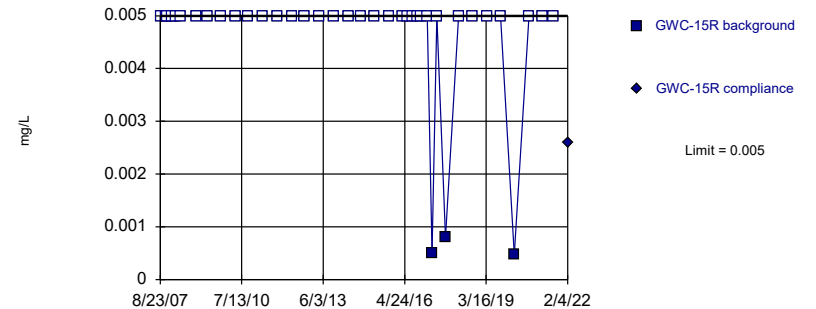


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

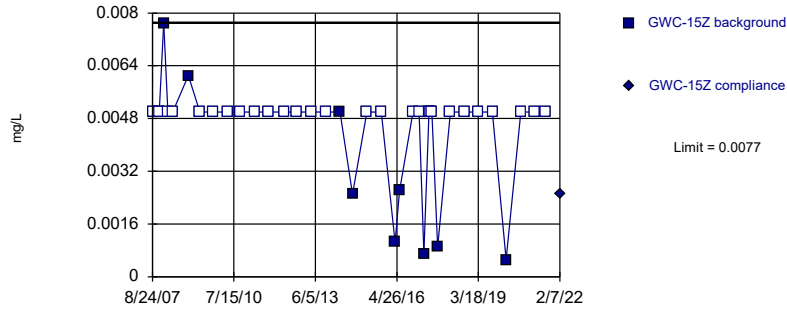


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

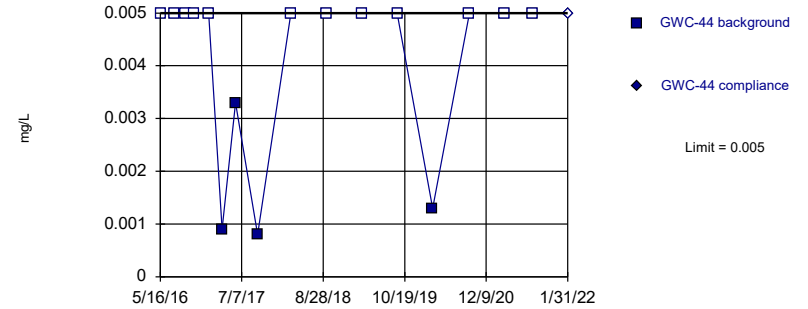


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 76.32% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

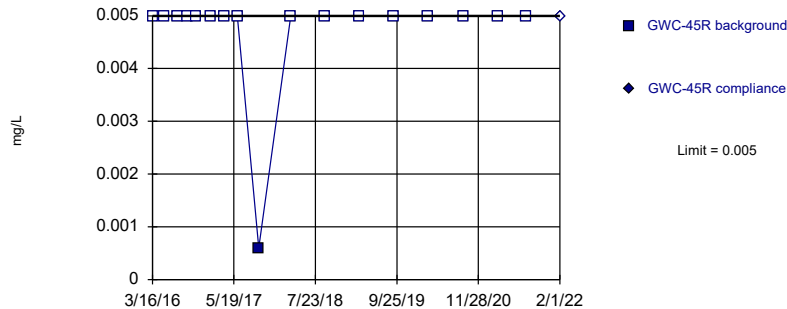


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

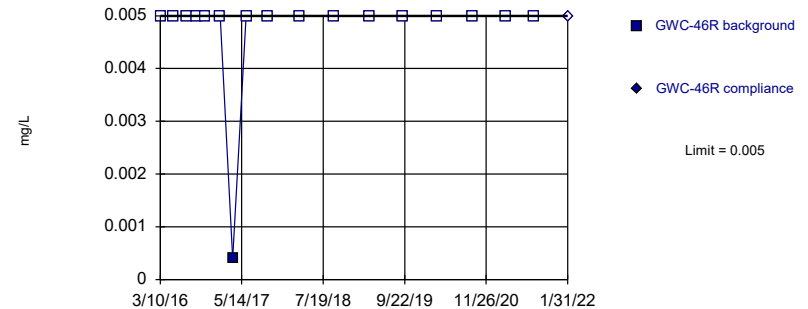


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

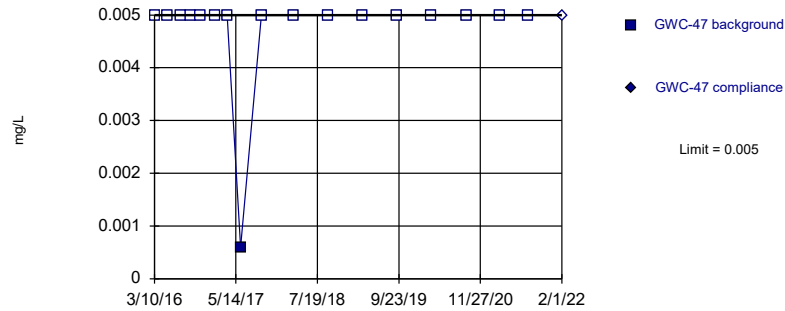


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

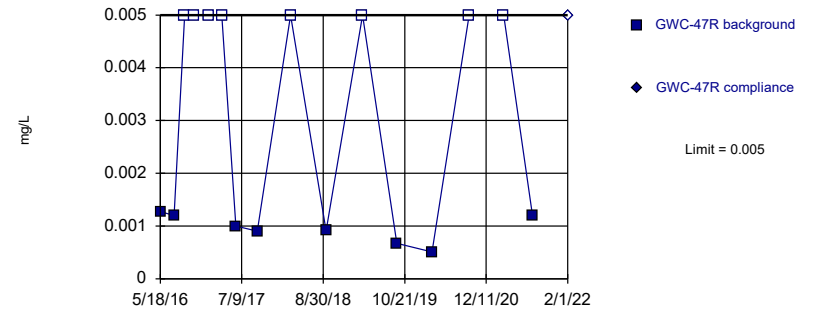


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

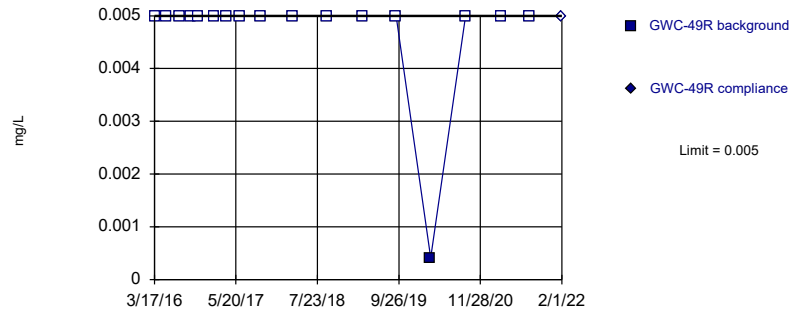


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

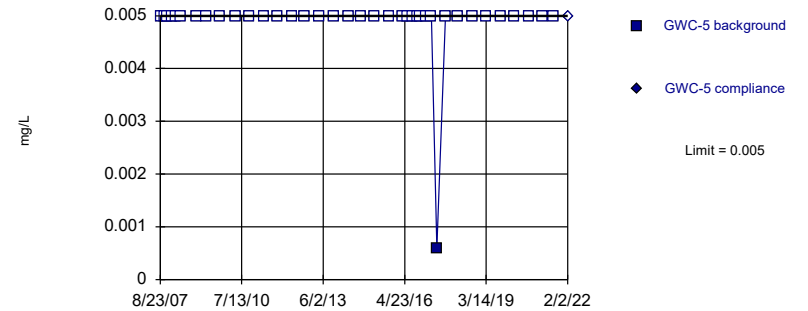


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

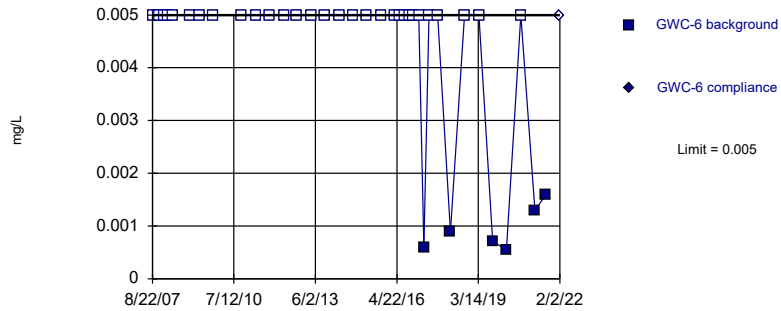


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

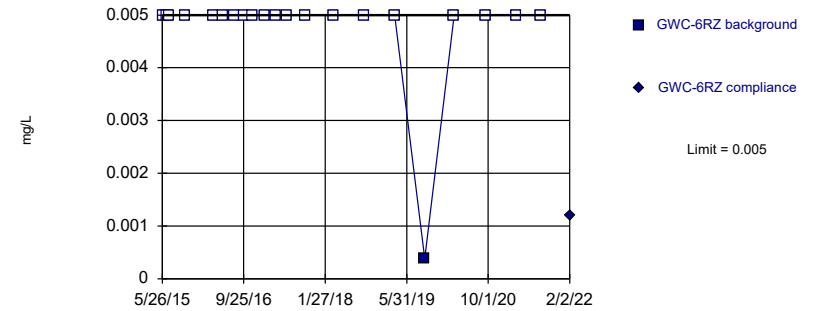


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

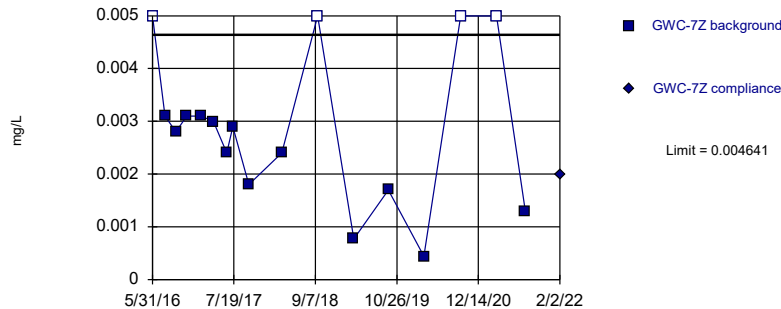


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

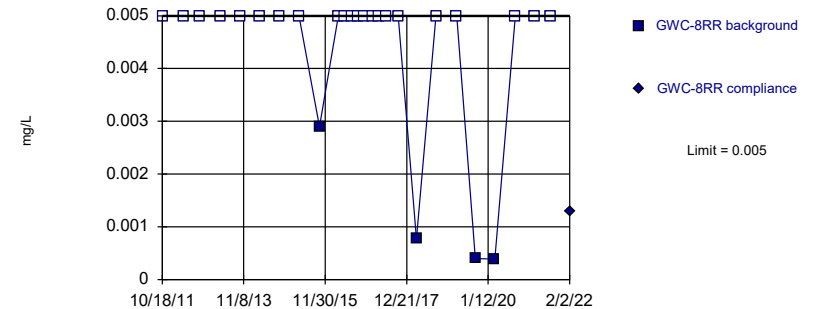


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001929, Std. Dev.=0.0009137, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9139, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

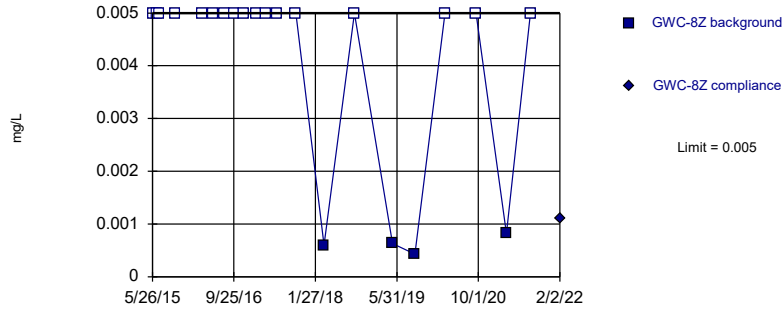


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

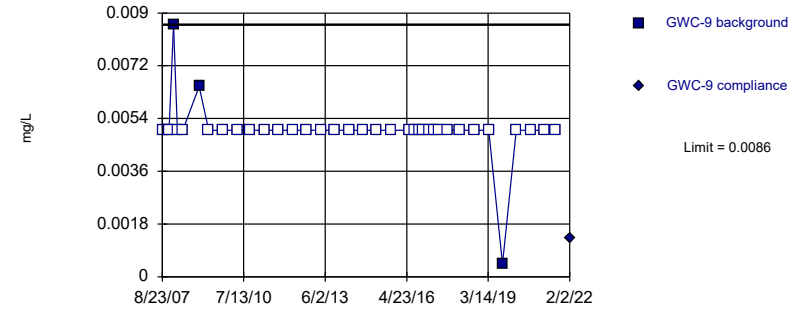


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

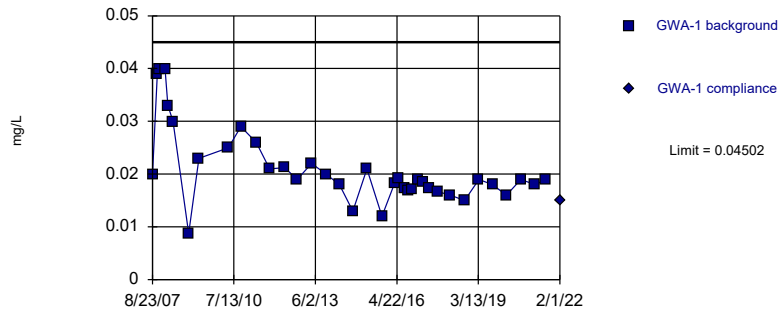


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

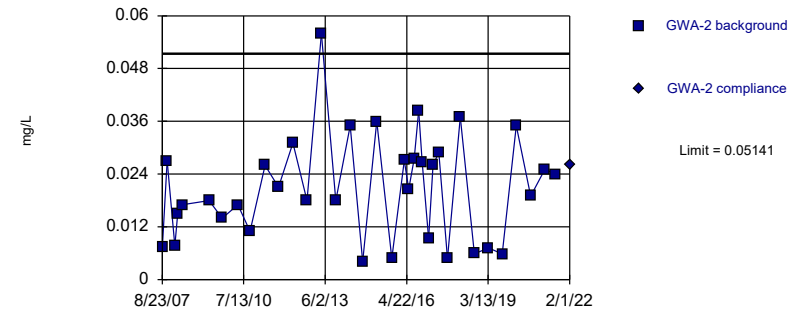


Background Data Summary (based on natural log transformation): Mean=3.909, Std. Dev.=0.3174, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9284, critical = 0.914. Kappa = 2.546 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

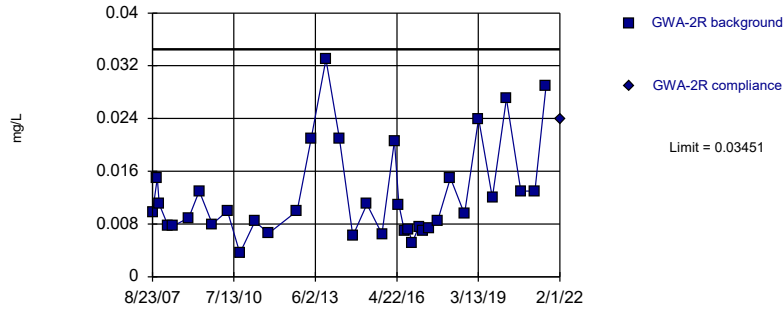


Background Data Summary: Mean=0.0209, Std. Dev.=0.01195, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9451, critical = 0.912. Kappa = 2.554 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

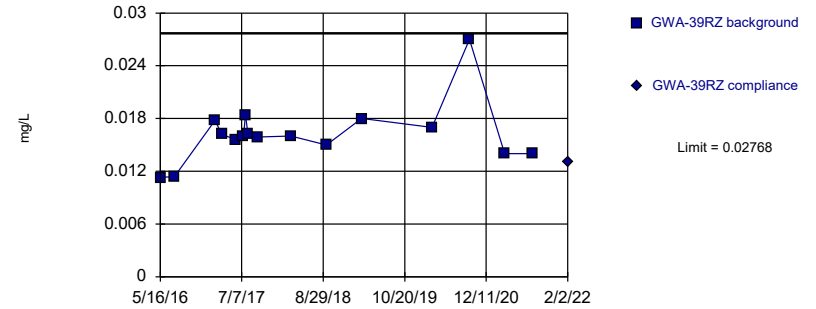


Background Data Summary (based on cube root transformation): Mean=0.2237, Std. Dev.=0.03988, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9207, critical = 0.912. Kappa = 2.554 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

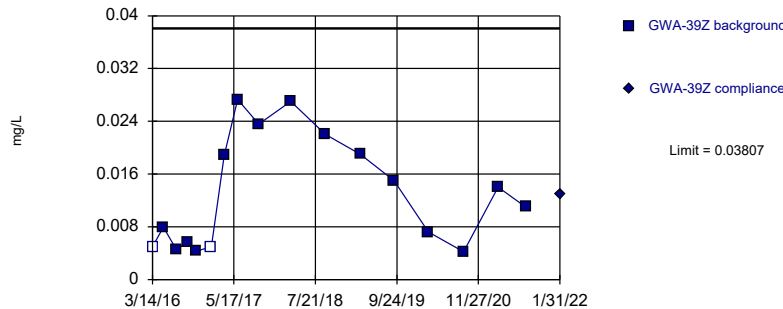


Background Data Summary (based on square root transformation): Mean=0.1268, Std. Dev.=0.01313, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.862, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

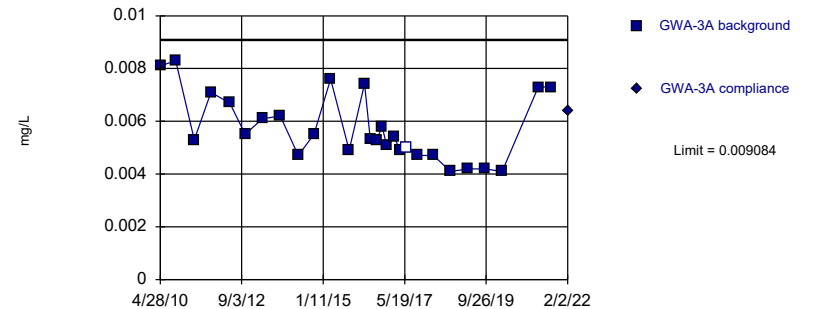


Background Data Summary: Mean=0.01303, Std. Dev.=0.008435, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8719, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

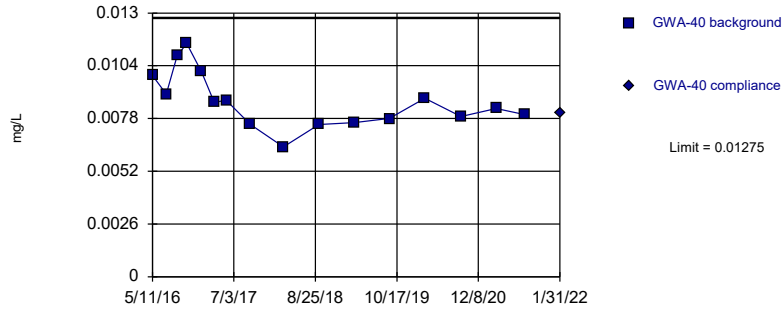


Background Data Summary: Mean=0.005744, Std. Dev.=0.001261, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9146, critical = 0.896. Kappa = 2.649 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

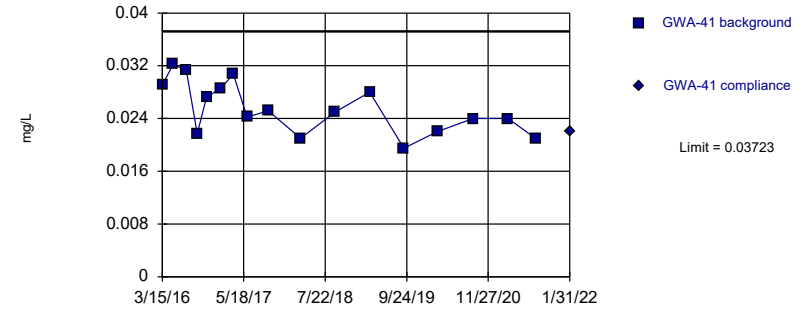


Background Data Summary: Mean=0.008658, Std. Dev.=0.001359, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9445, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

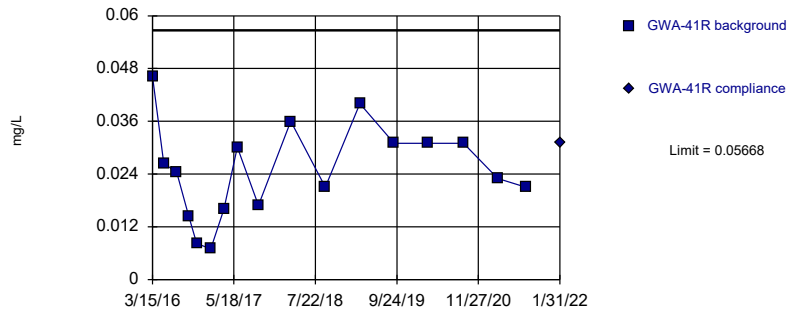


Background Data Summary: Mean=0.02557, Std. Dev.=0.003928, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9521, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

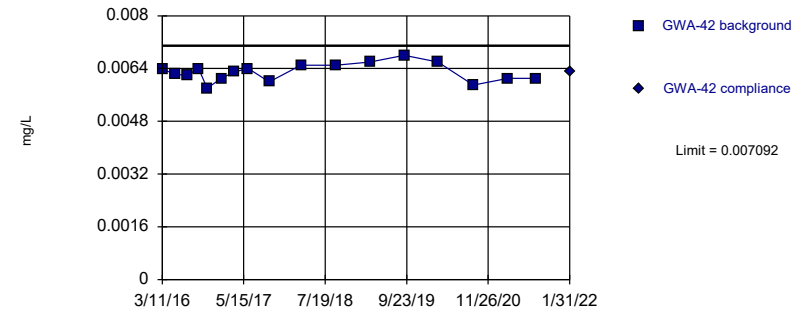


Background Data Summary: Mean=0.02492, Std. Dev.=0.0107, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9803, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

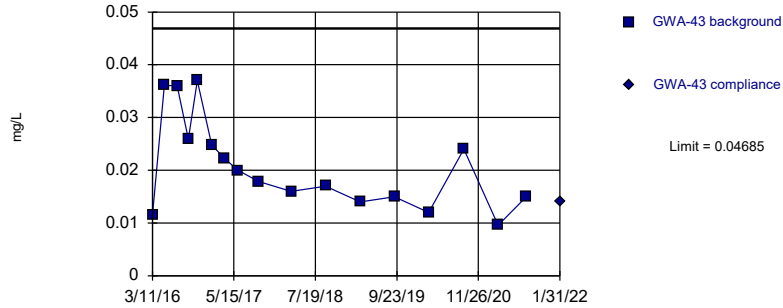


Background Data Summary: Mean=0.006289, Std. Dev.=0.0002707, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

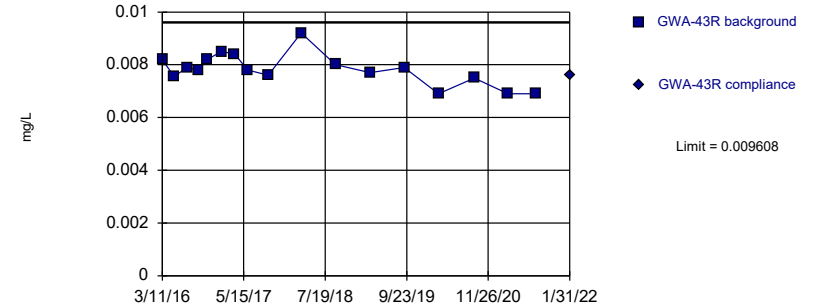


Background Data Summary: Mean=0.02083, Std. Dev.=0.008765, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8935, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

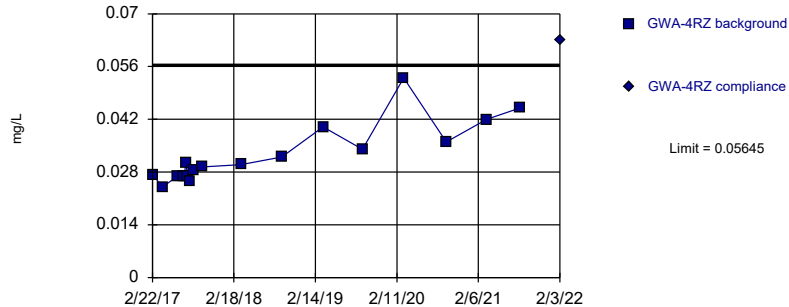


Background Data Summary: Mean=0.007821, Std. Dev.=0.0006022, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9477, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit

Prediction Limit
Intrawell Parametric

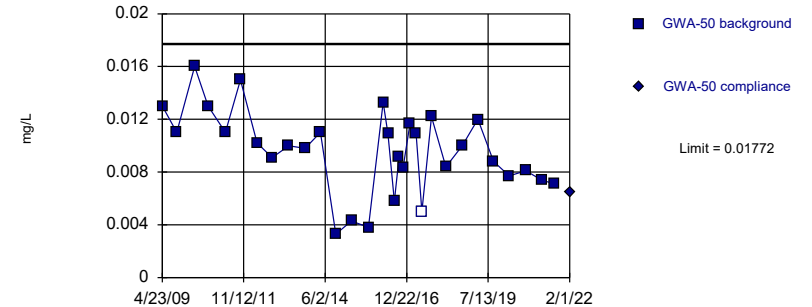


Background Data Summary: Mean=0.03282, Std. Dev.=0.00796, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8669, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

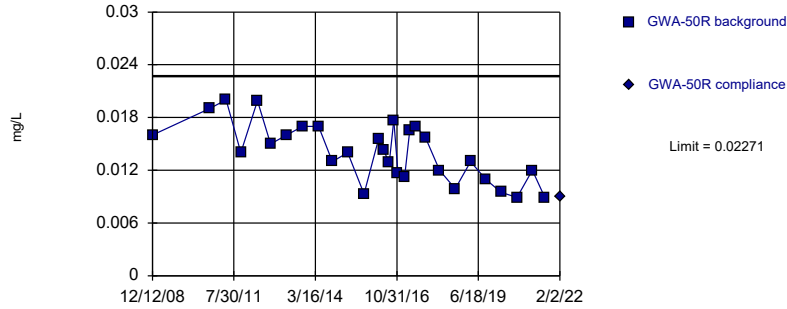
Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric



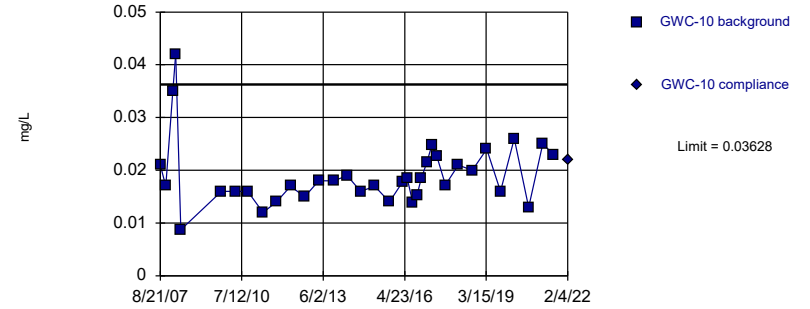
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01407, Std. Dev.=0.00328, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9579, critical = 0.898. Kappa = 2.633 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

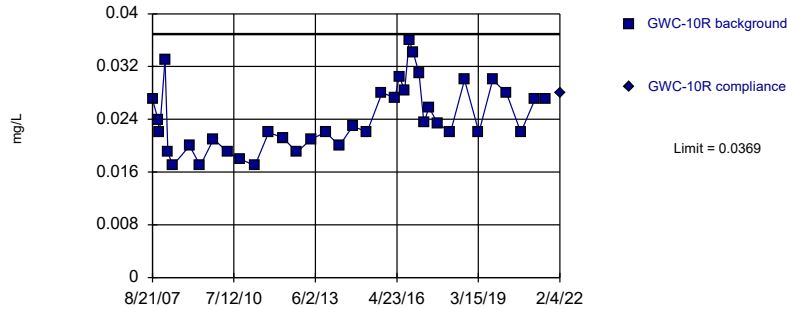
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1368, Std. Dev.=0.02096, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9225, critical = 0.91. Kappa = 2.562 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:55 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

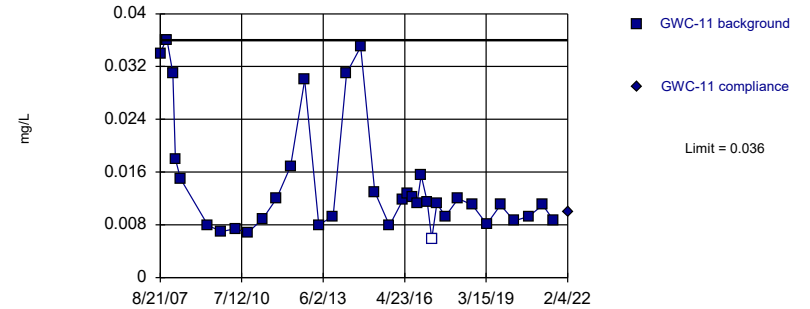
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02421, Std. Dev.=0.005, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9413, critical = 0.916. Kappa = 2.538 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit Prediction Limit
Intrawell Non-parametric

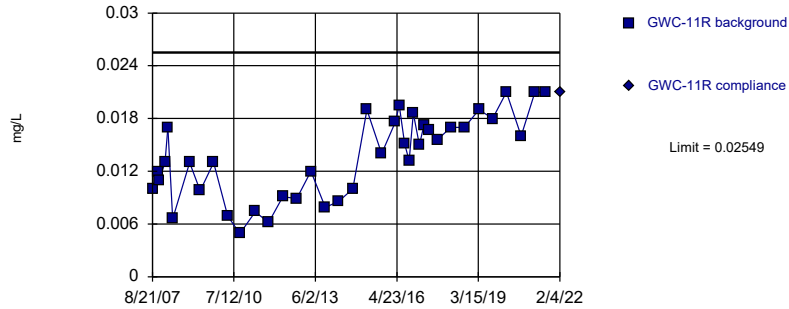


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 2.703% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

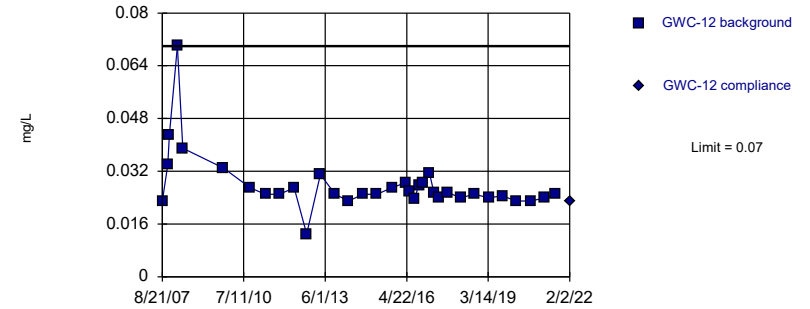


Background Data Summary: Mean=0.01365, Std. Dev.=0.004665, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9474, critical = 0.916. Kappa = 2.538 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

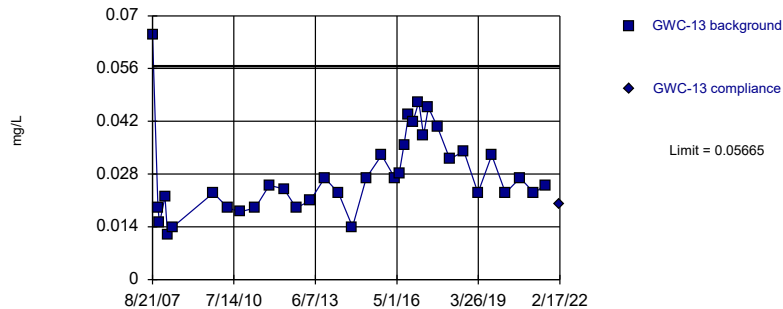


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

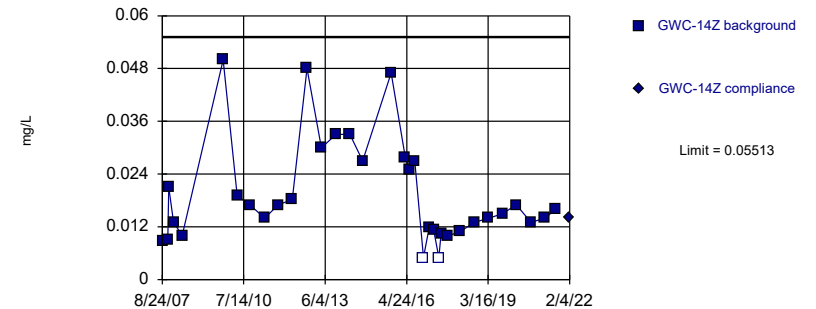


Background Data Summary: Mean=0.02799, Std. Dev.=0.01122, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9139, critical = 0.912. Kappa = 2.554 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

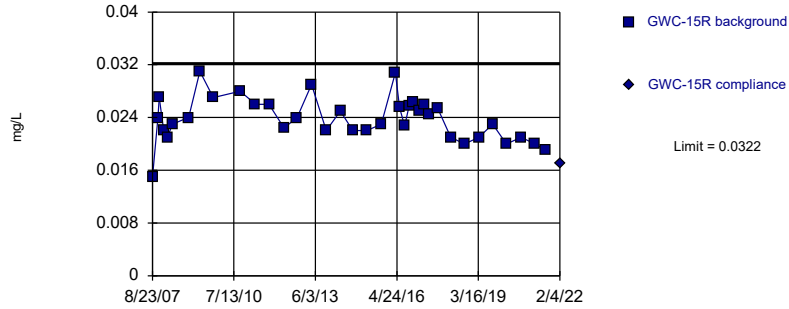


Background Data Summary (based on square root transformation): Mean=0.134, Std. Dev.=0.03917, n=34, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.908. Kappa = 2.573 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

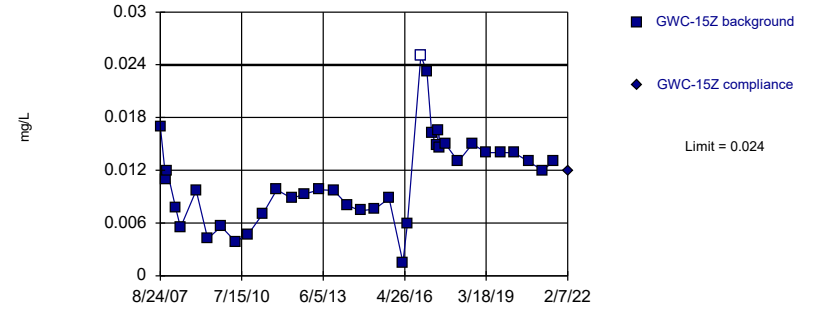


Background Data Summary: Mean=0.02379, Std. Dev.=0.003303, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9802, critical = 0.914. Kappa = 2.546 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

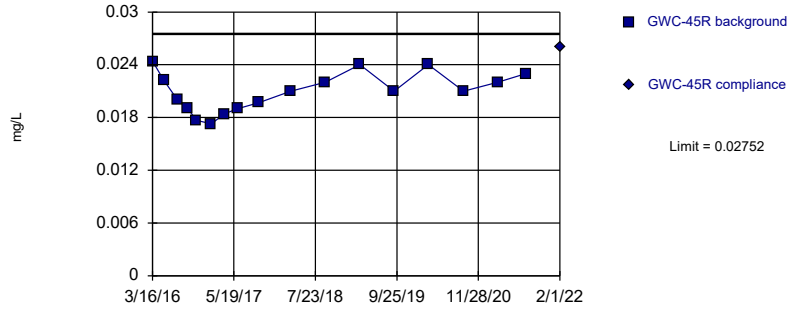
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

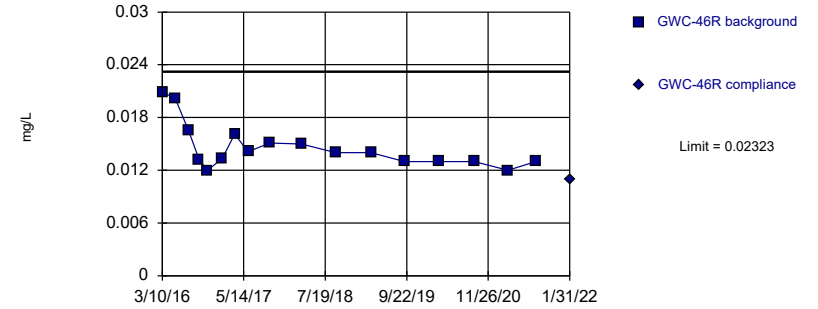


Background Data Summary: Mean=0.02092, Std. Dev.=0.002221, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9578, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

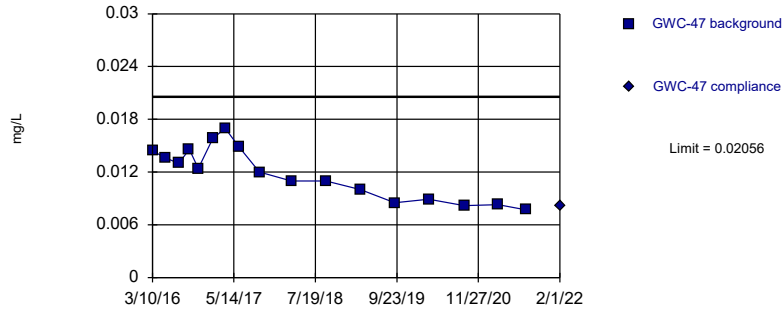


Background Data Summary (based on natural log transformation): Mean=-4.239, Std. Dev.=0.1605, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8569, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

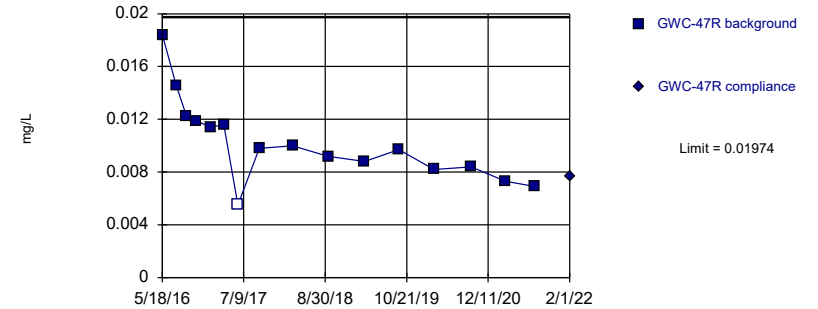


Background Data Summary: Mean=0.01184, Std. Dev.=0.002938, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

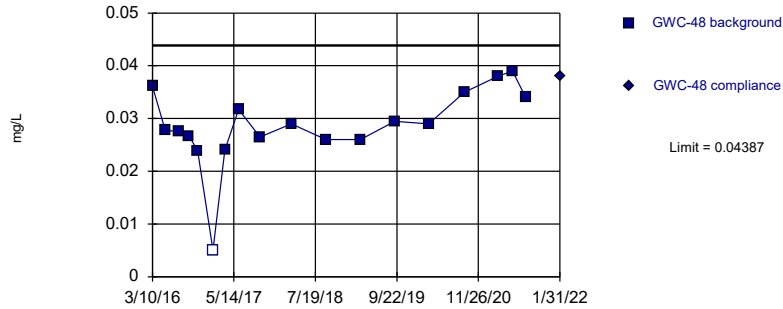


Background Data Summary: Mean=0.01024, Std. Dev.=0.003151, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9323, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

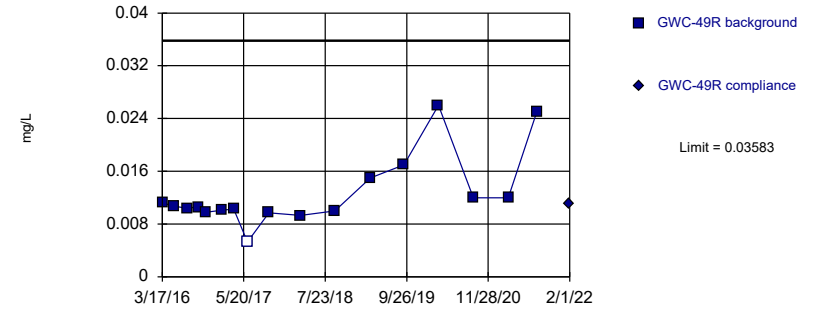


Background Data Summary (based on square transformation): Mean=0.0008705, Std. Dev.=0.0003606, n=18, 5.556% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9419, critical = 0.858. Kappa = 2.923 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

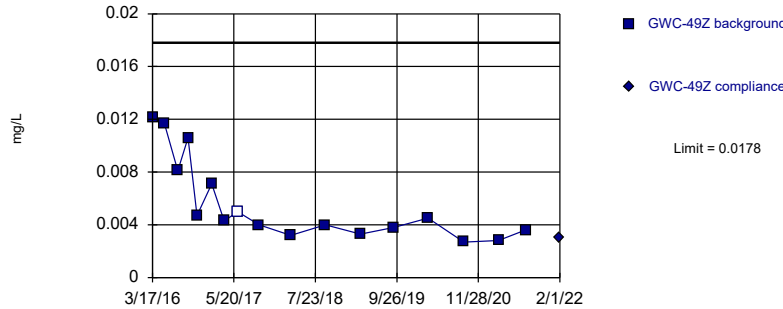


Background Data Summary (based on natural log transformation): Mean=-4.444, Std. Dev.=0.3757, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8614, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

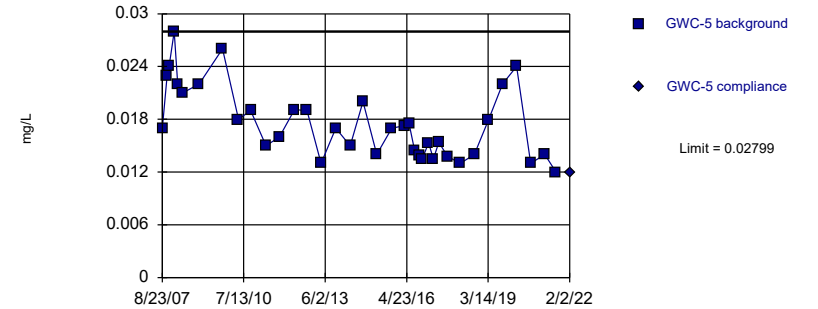


Background Data Summary (based on cube root transformation): Mean=0.1729, Std. Dev.=0.02972, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8592, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

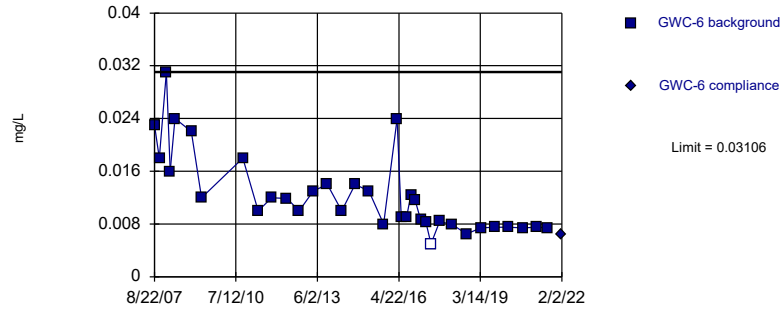


Background Data Summary: Mean=0.01756, Std. Dev.=0.004096, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9194, critical = 0.914. Kappa = 2.546 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

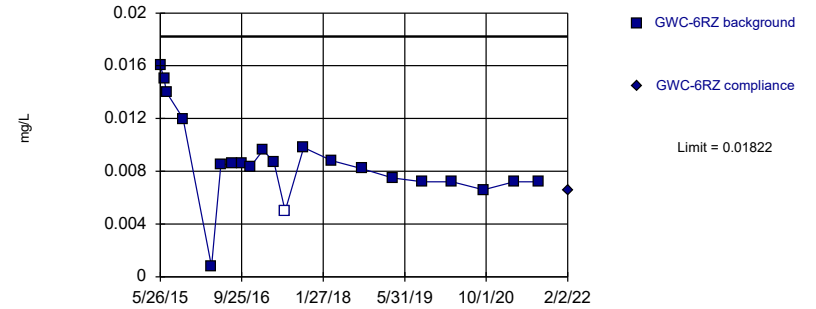


Background Data Summary (based on cube root transformation): Mean=0.2266, Std. Dev.=0.03425, n=35, 2.857% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9202, critical = 0.91. Kappa = 2.562 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

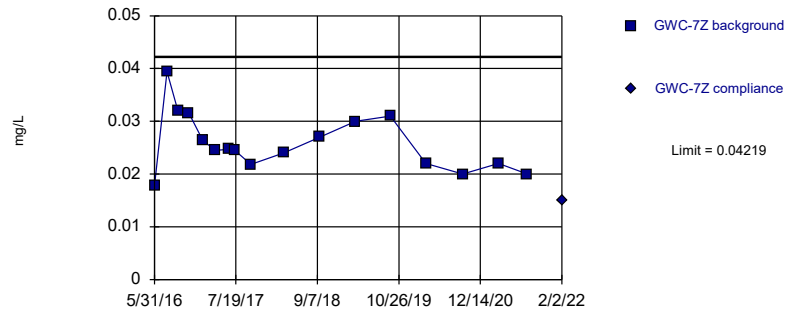


Background Data Summary: Mean=0.008797, Std. Dev.=0.00336, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

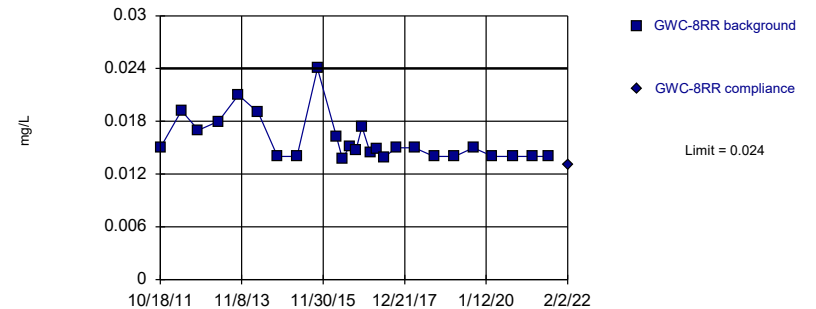


Background Data Summary: Mean=0.02581, Std. Dev.=0.00552, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9384, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

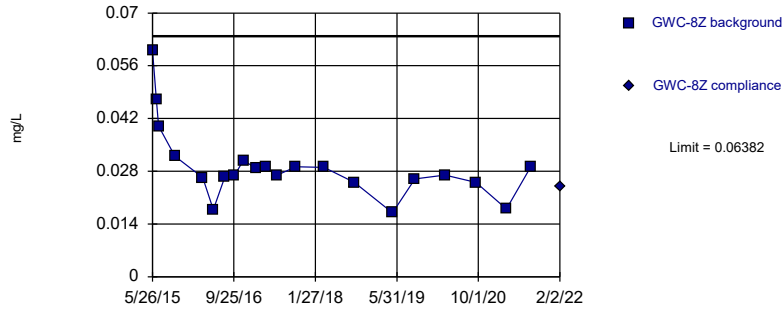


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

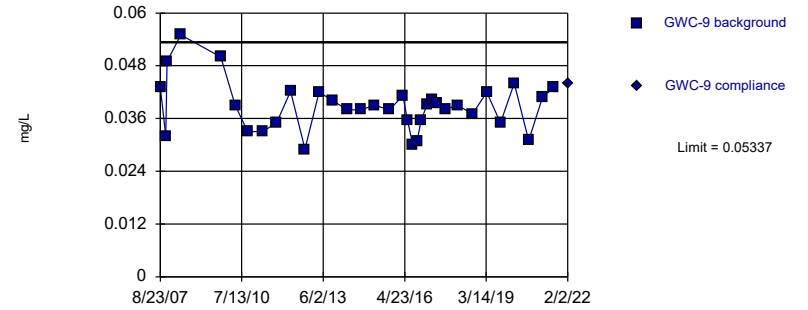


Background Data Summary (based on natural log transformation): Mean=-3.57, Std. Dev.=0.2917, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8889, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

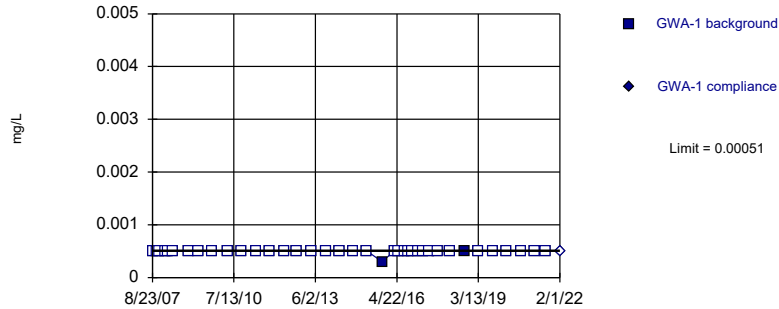


Background Data Summary: Mean=0.03874, Std. Dev.=0.005686, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9541, critical = 0.908. Kappa = 2.573 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

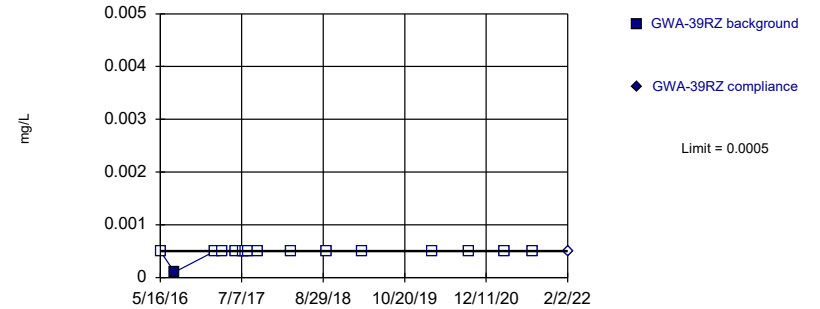


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

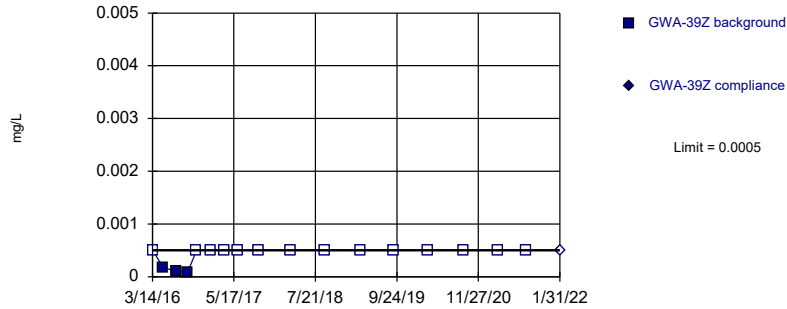


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

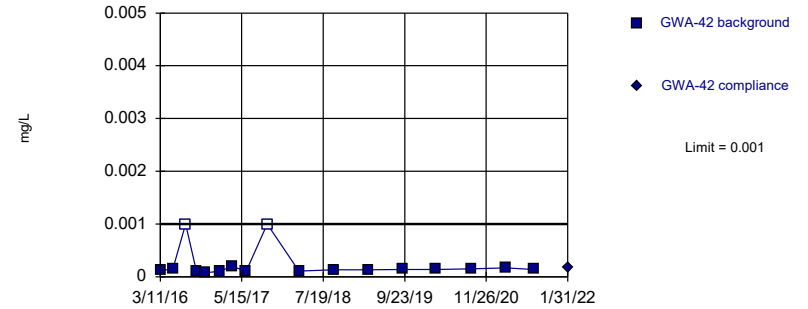


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

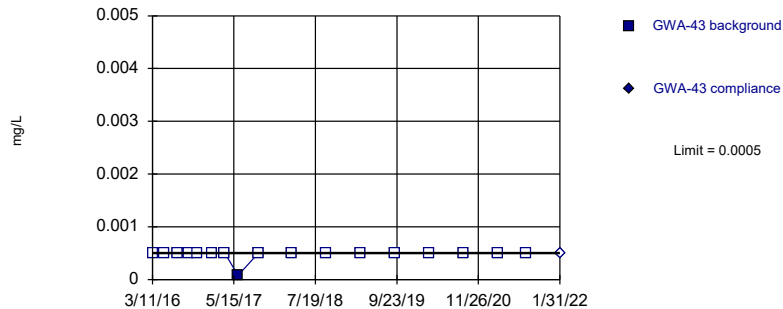


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 11.76% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

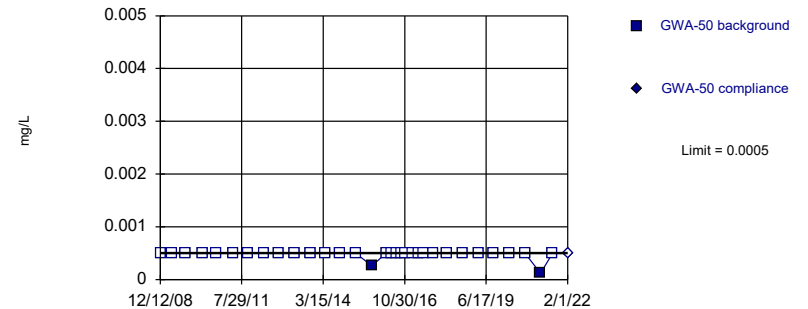


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

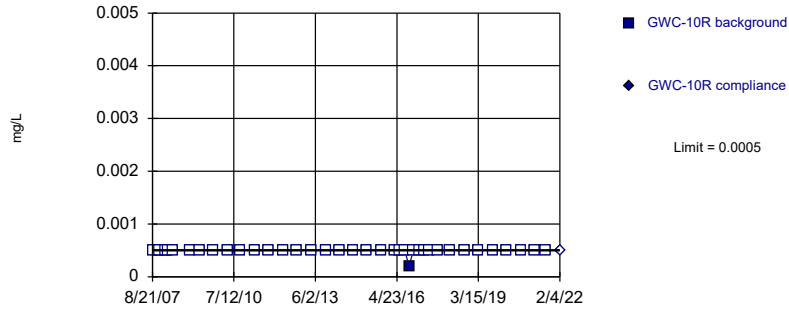


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

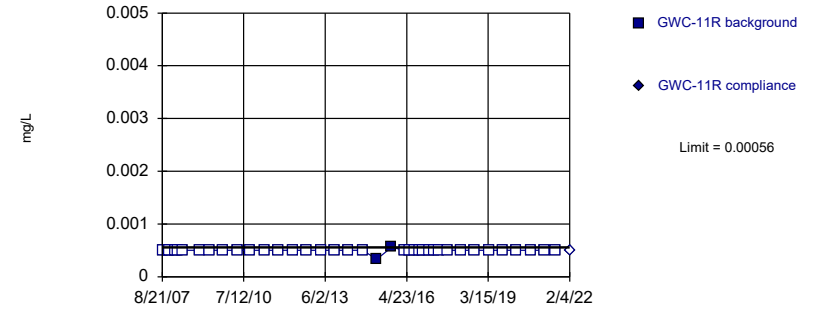


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

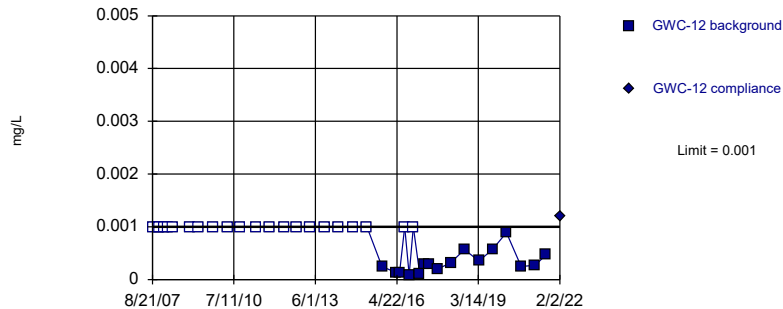


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit

Prediction Limit Intrawell Non-parametric

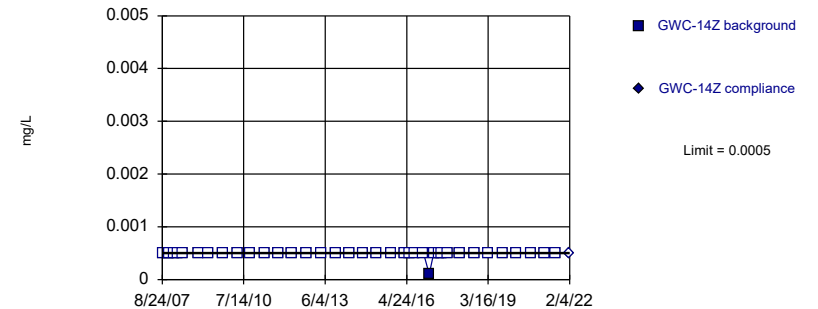


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

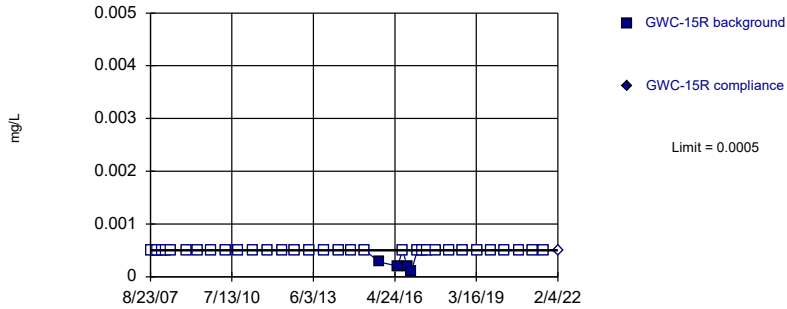


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

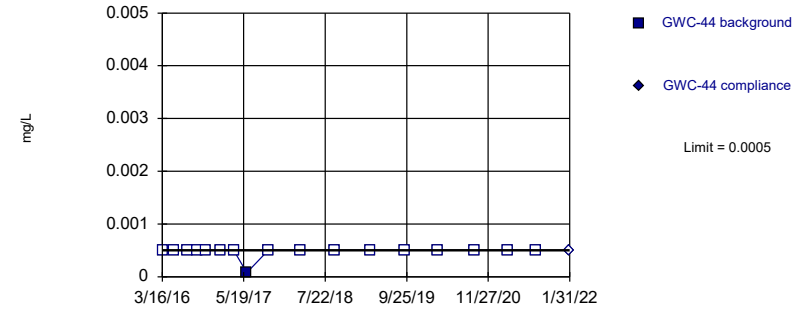


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

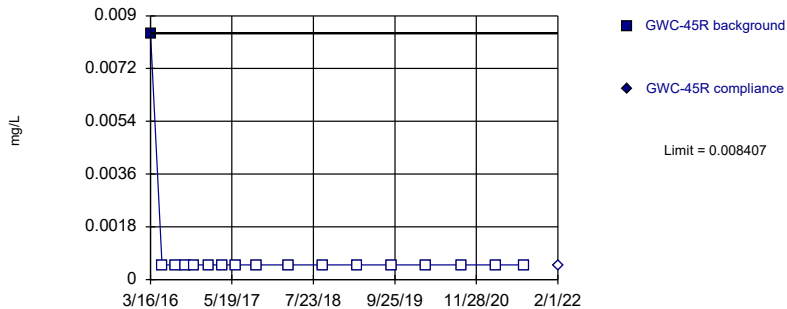


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

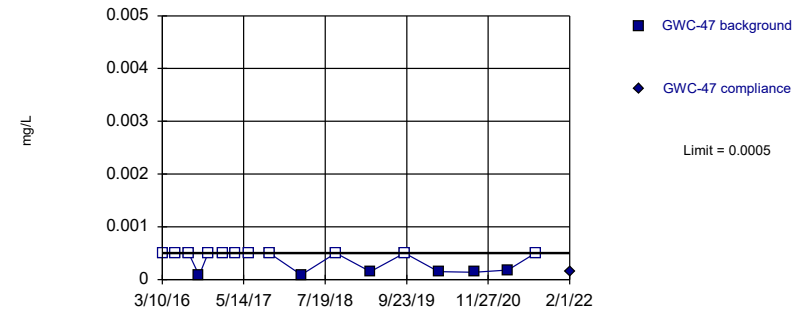


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

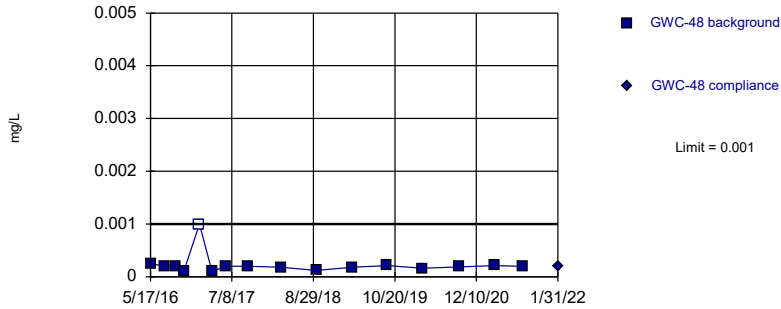


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

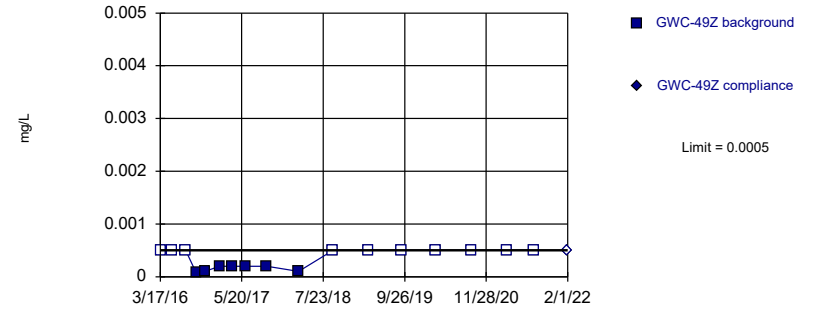


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

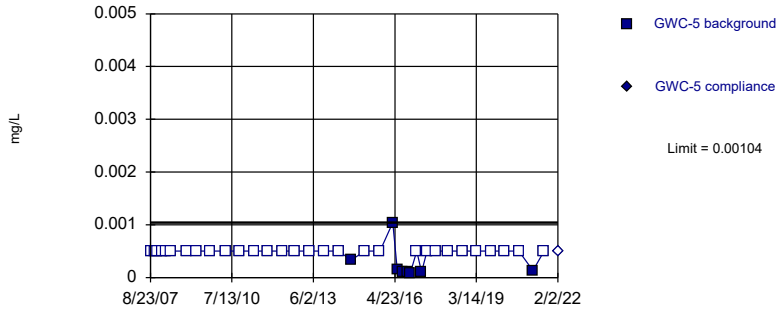


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 58.82% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

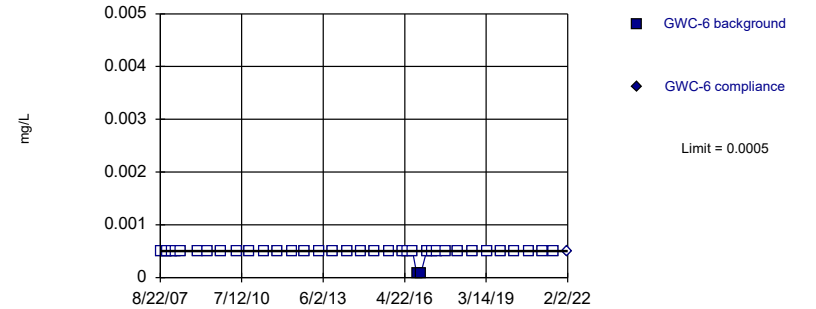


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

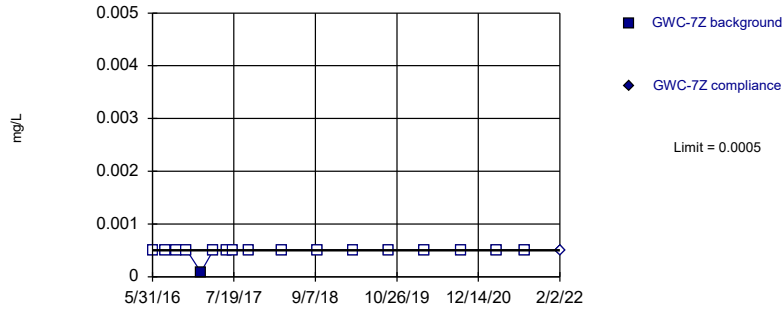


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

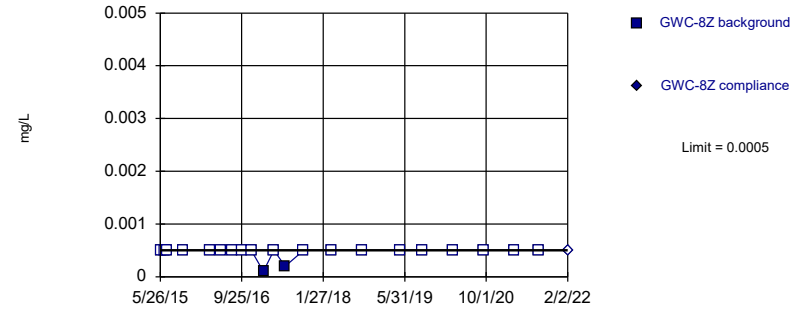


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

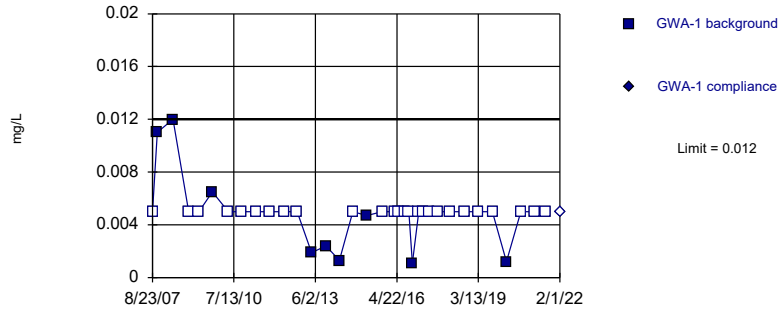


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

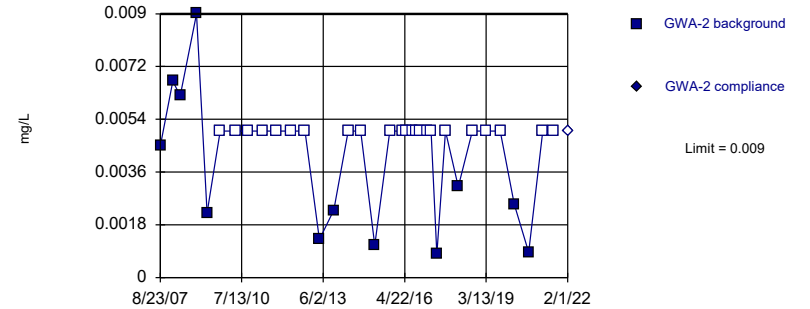


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 74.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

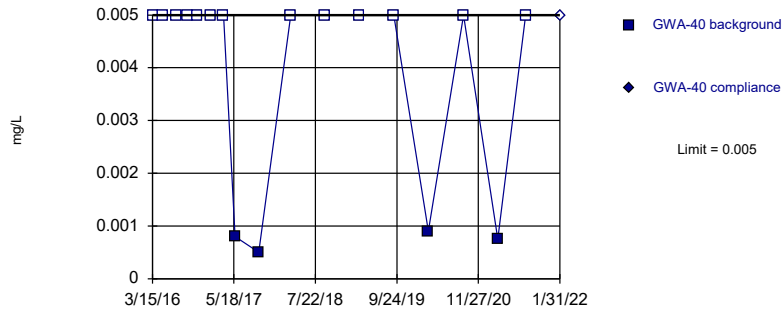


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 65.71% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

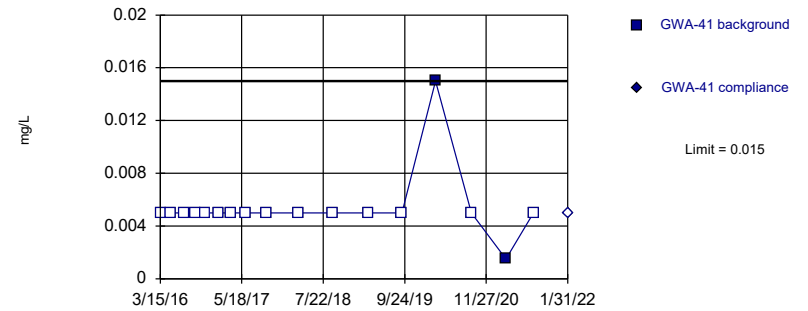


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

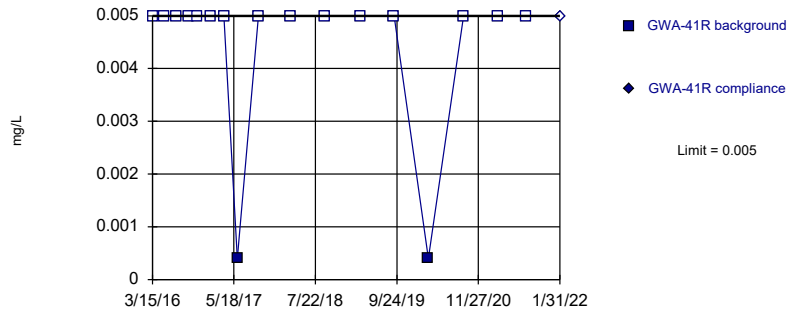


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

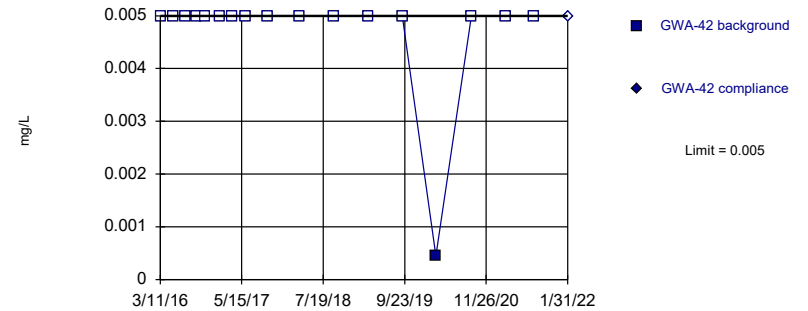


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

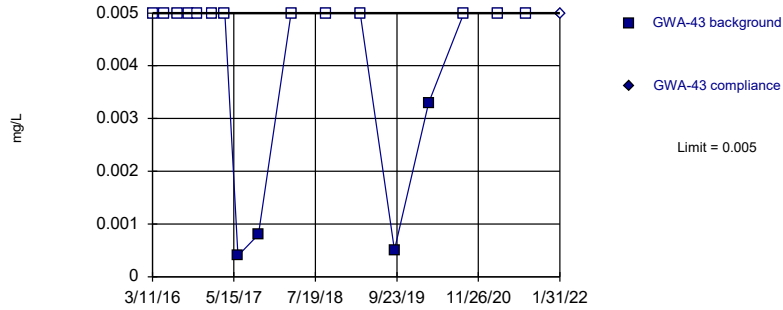


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

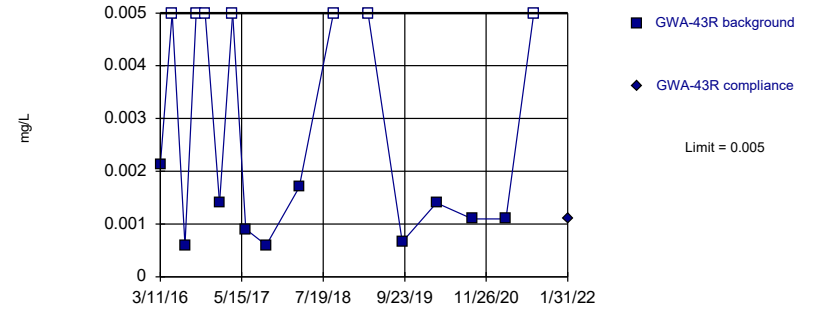


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

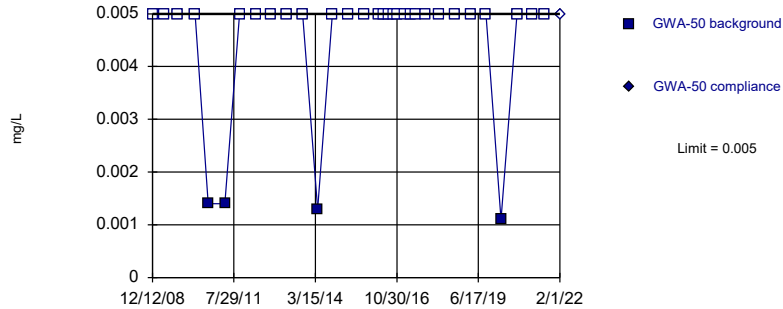


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

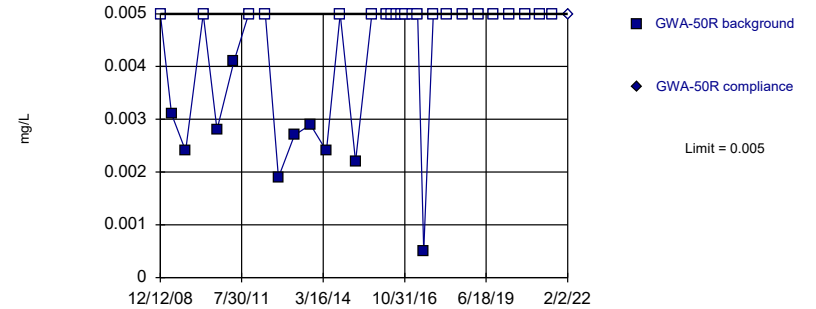


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

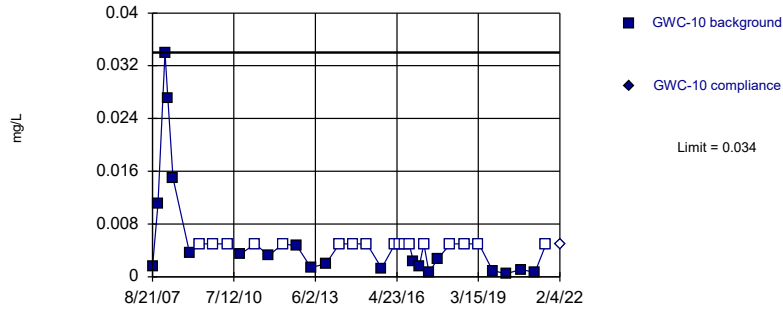


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

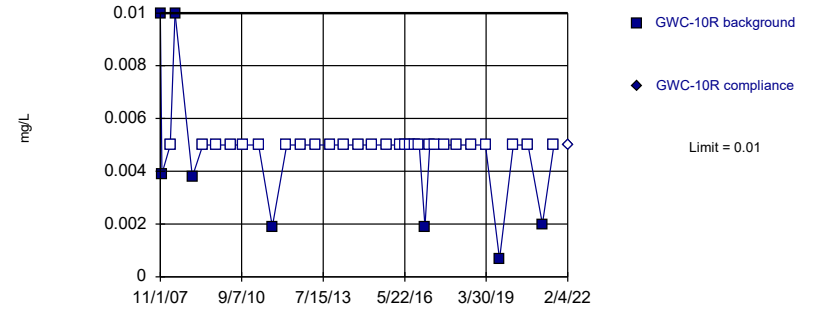


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 45.95% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

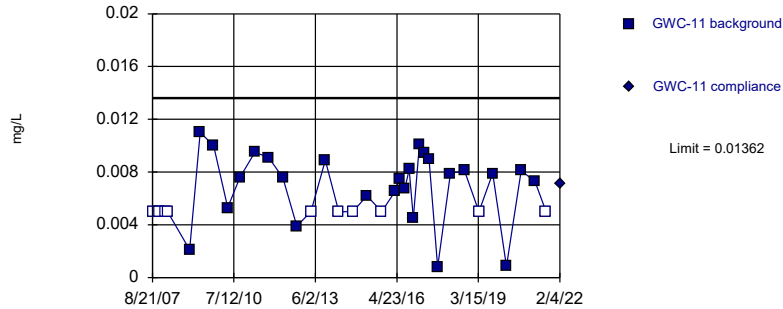


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

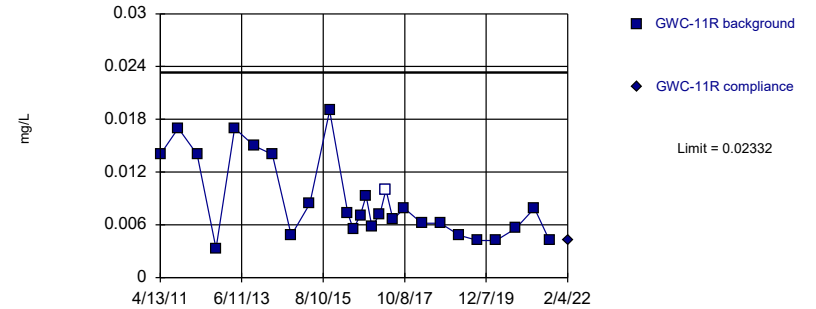


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.005363, Std. Dev.=0.003241, n=37, 29.73% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9418, critical = 0.914. Kappa = 2.546 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

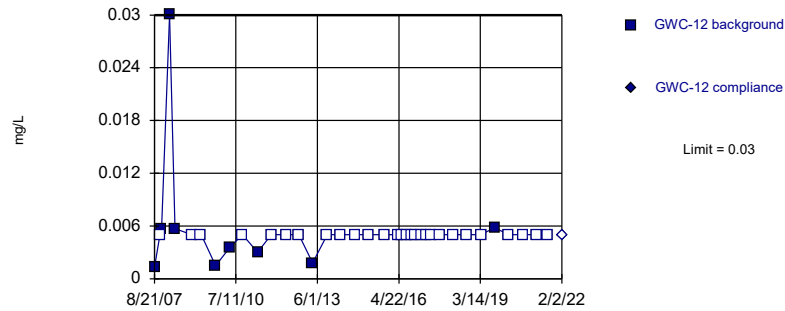


Background Data Summary (based on square root transformation): Mean=0.09077, Std. Dev.=0.02324, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.894. Kappa = 2.666 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

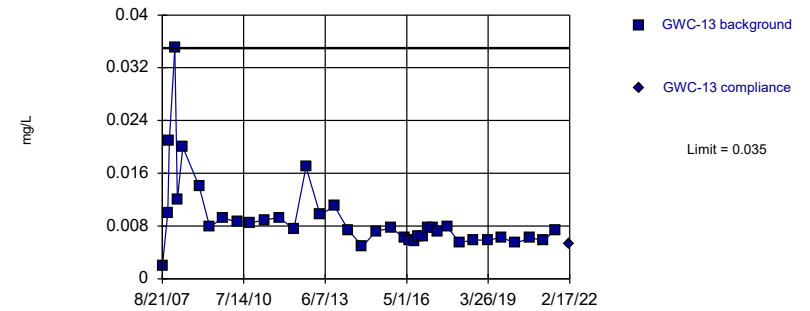


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

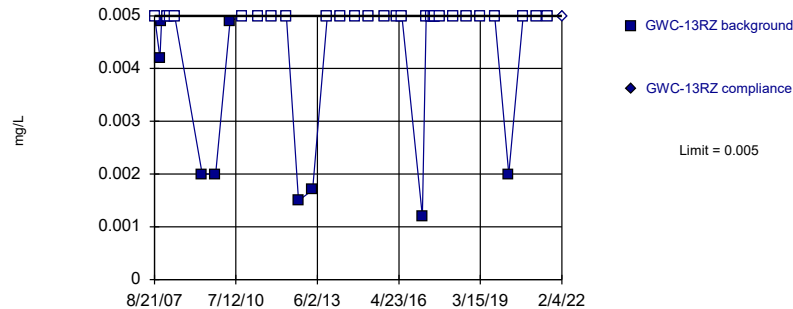


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

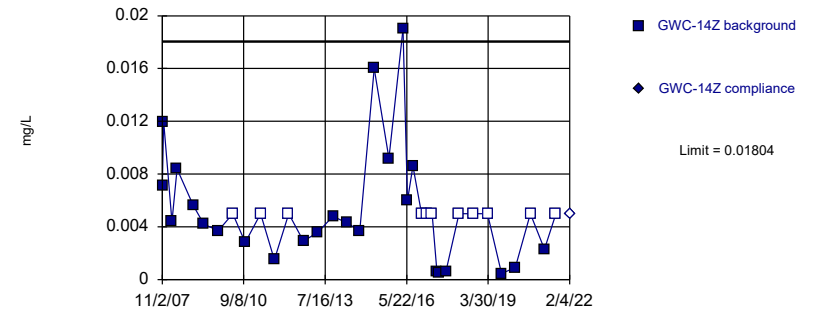


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

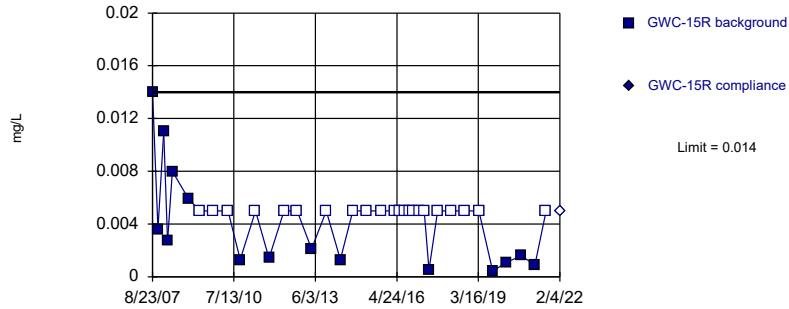


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05936, Std. Dev.=0.02935, n=36, 30.56% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9183, critical = 0.912. Kappa = 2.554 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

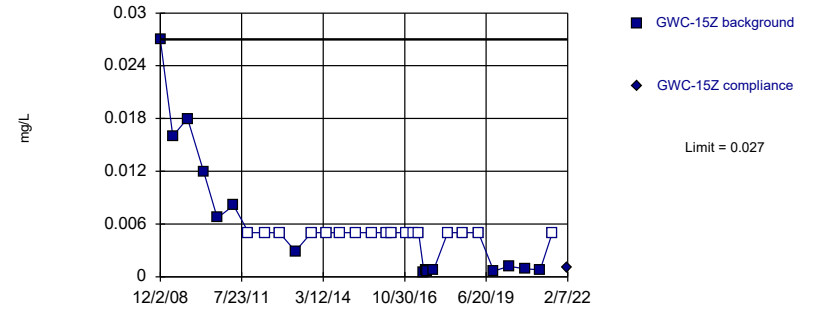


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:56 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

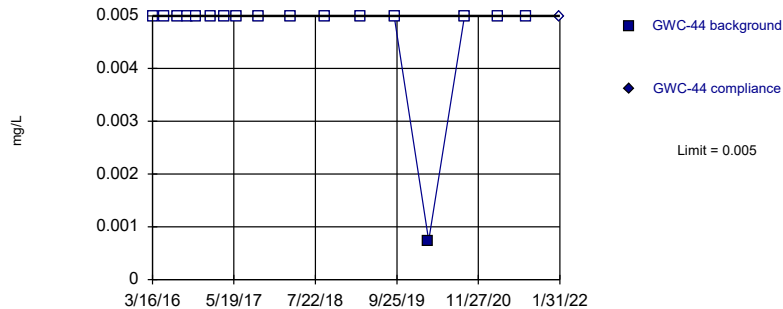


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

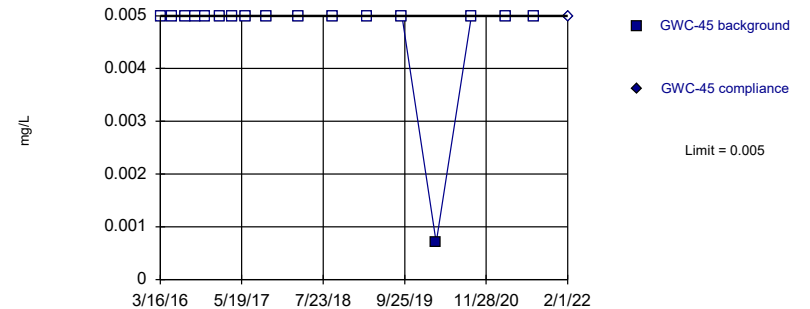


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

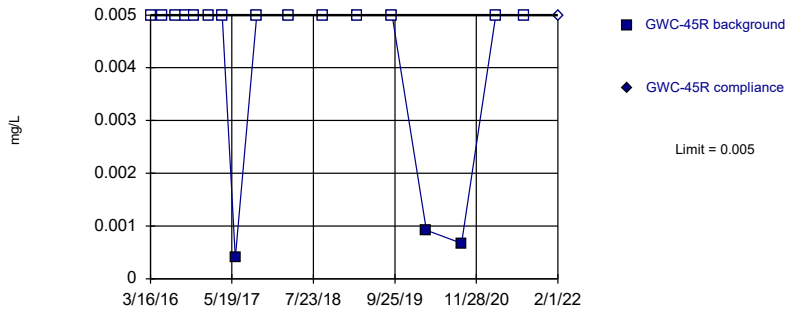


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

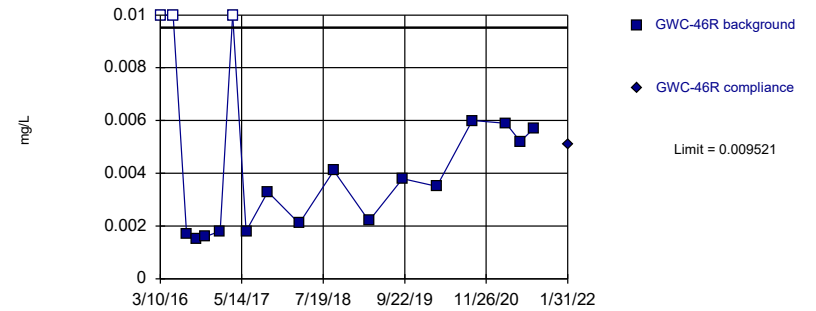


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

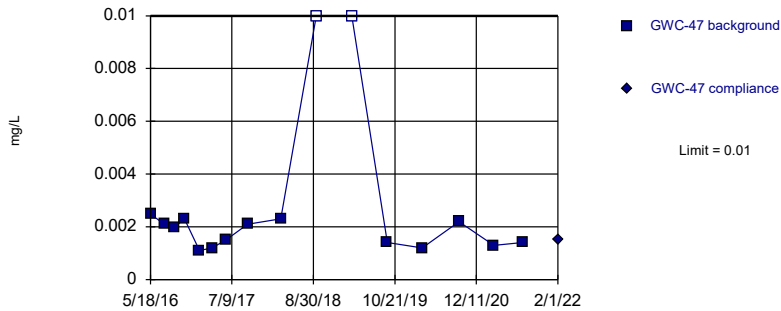


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05595, Std. Dev.=0.01424, n=18, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.858. Kappa = 2.923 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

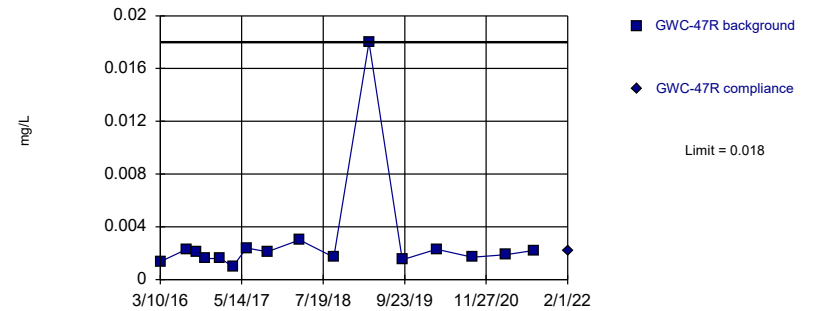


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

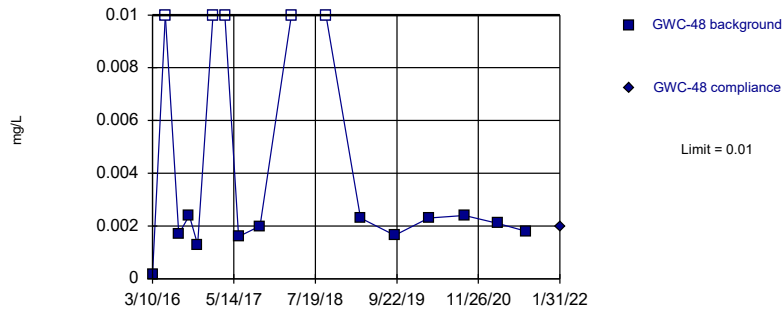


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

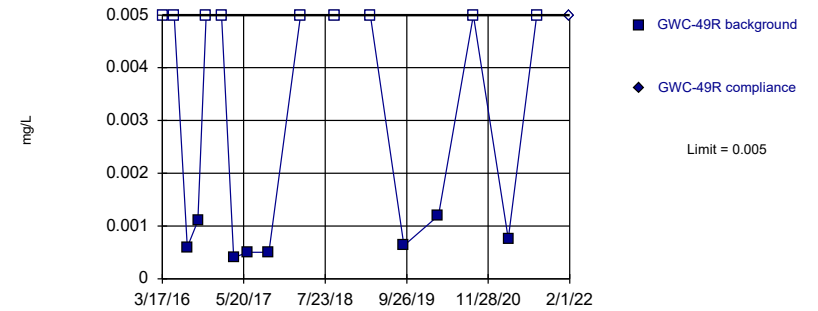


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 29.41% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

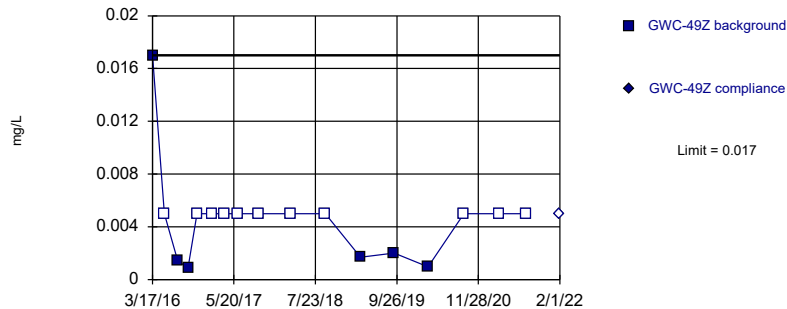


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 52.94% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

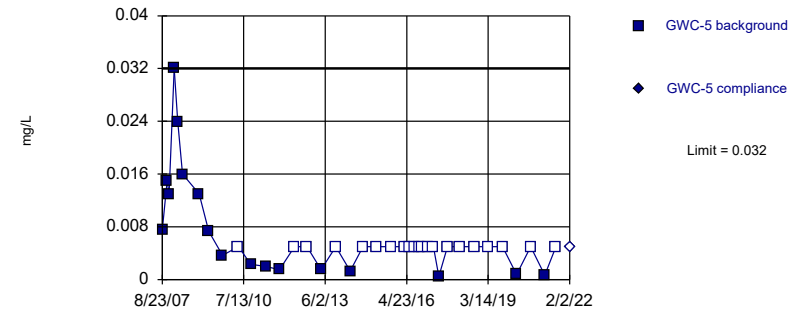


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

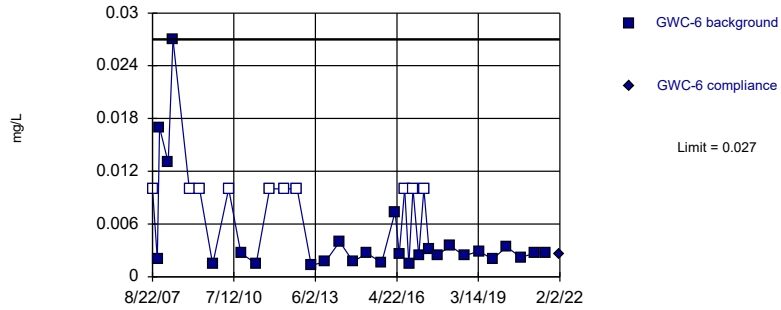


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 55.26% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

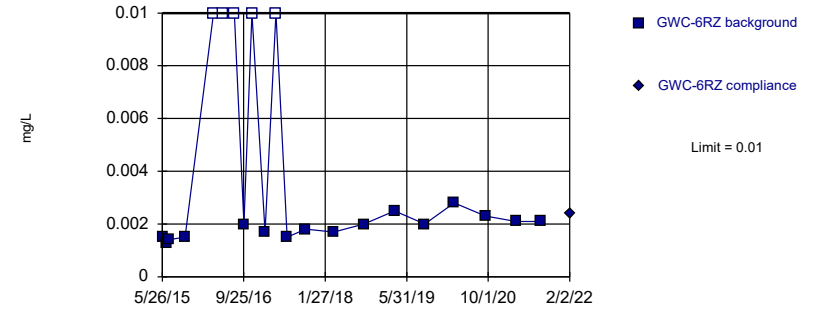


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 27.03% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

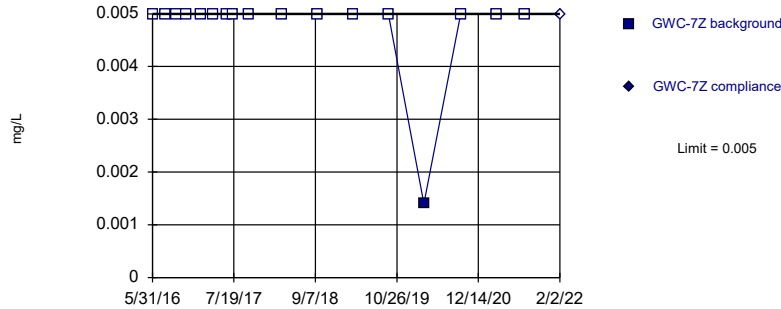


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 23.81% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

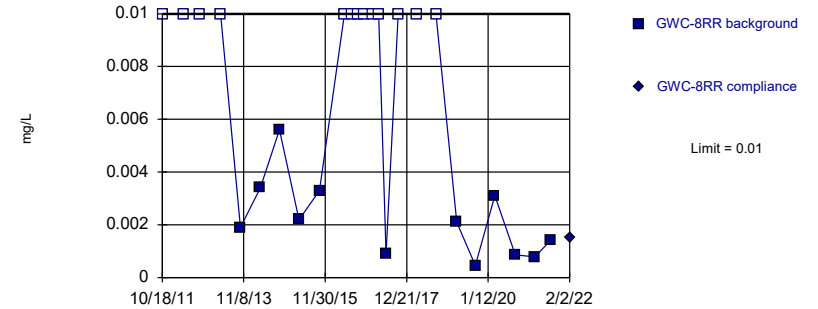


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.011179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

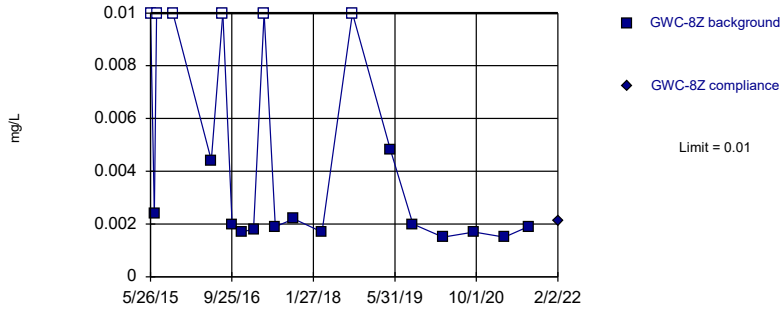


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 52% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

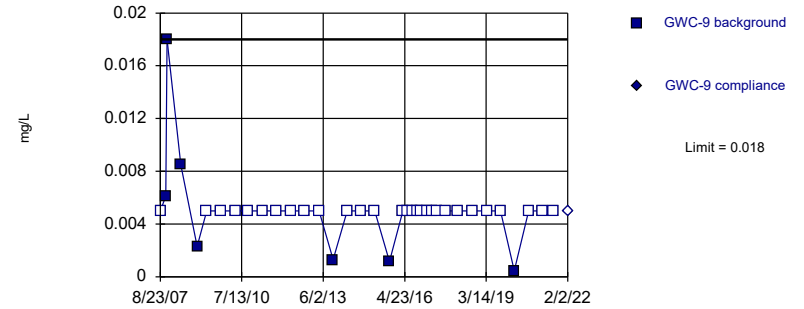


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 30% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

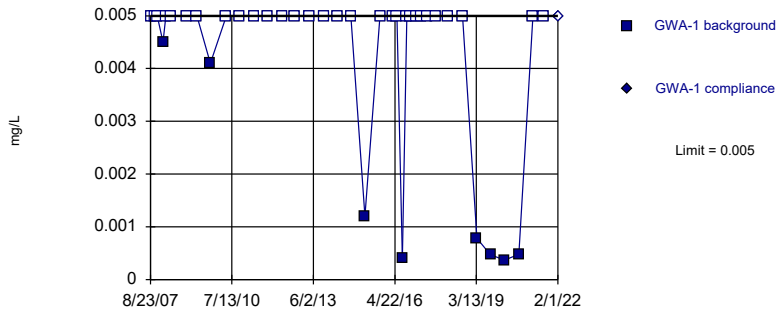


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 80.56% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

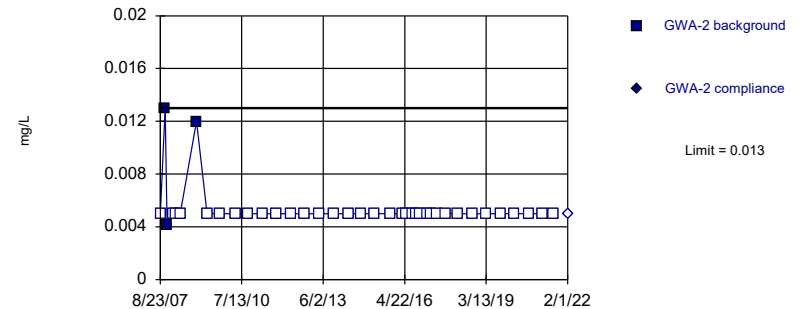


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

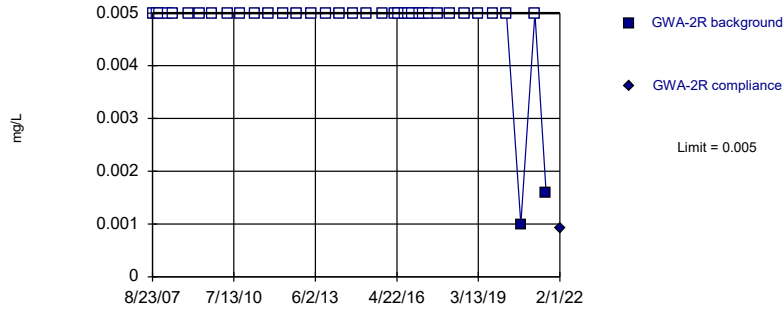


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

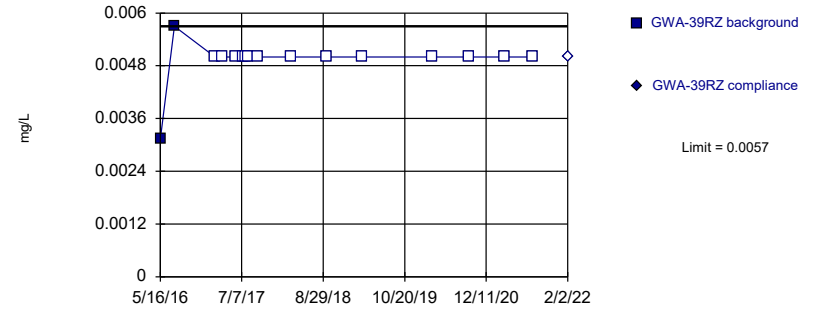


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

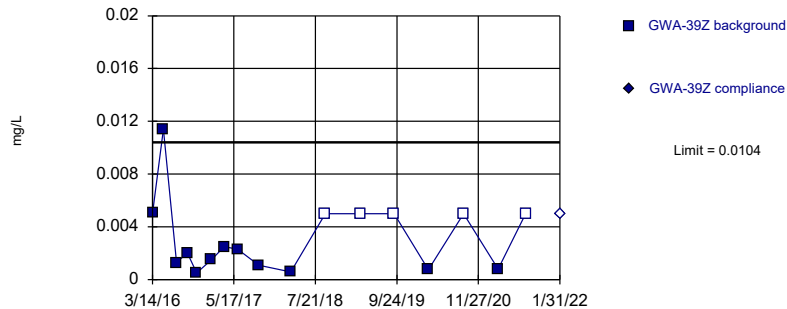


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

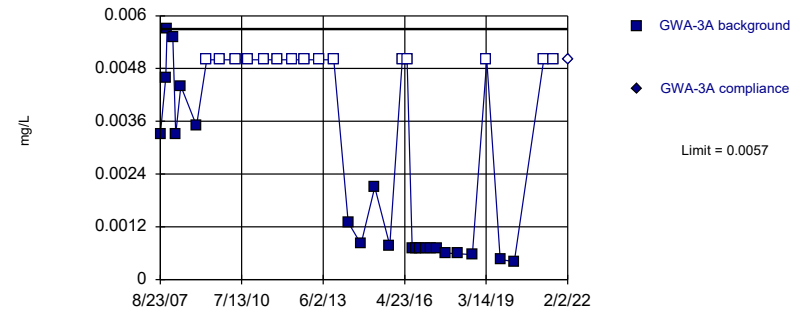


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.04156, Std. Dev.=0.02036, n=17, 29.41% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8962, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

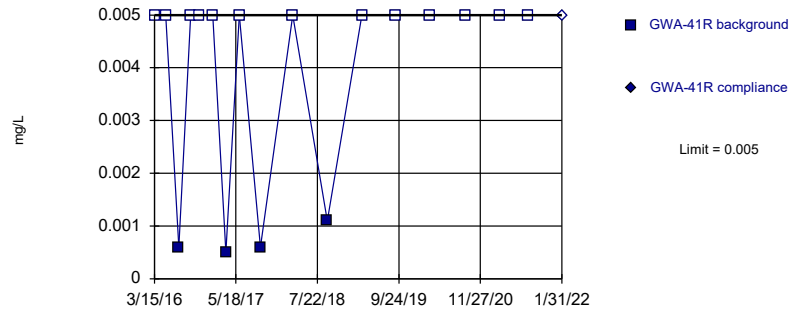


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 40.54% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

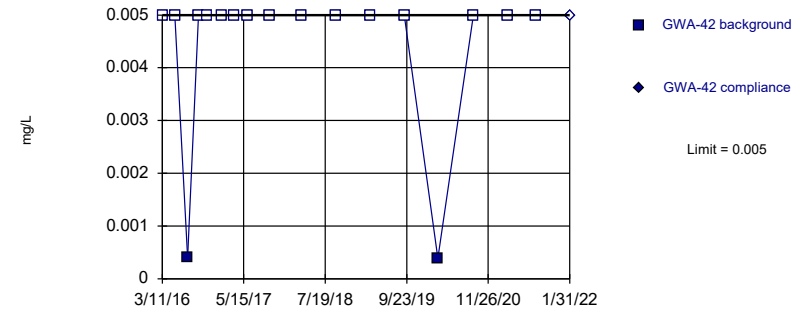


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

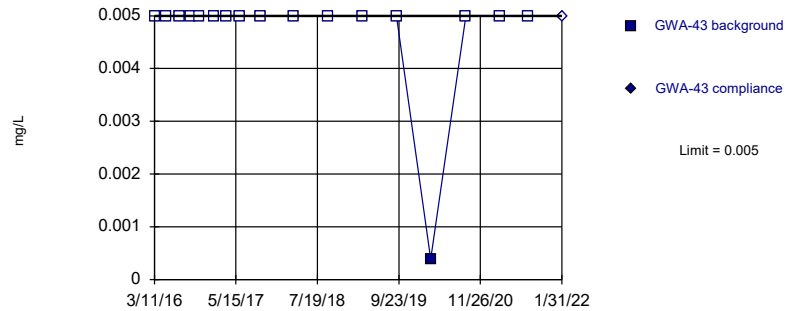


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

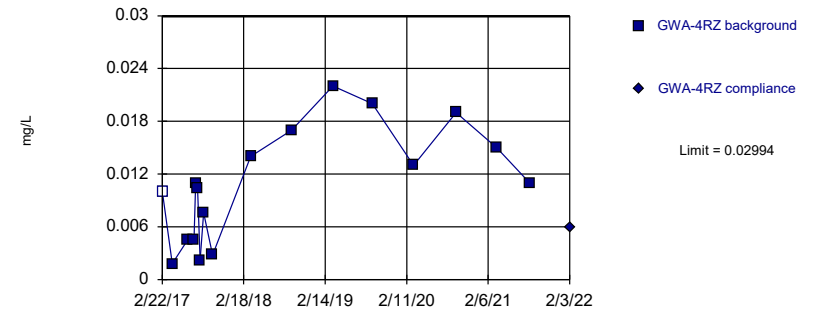


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

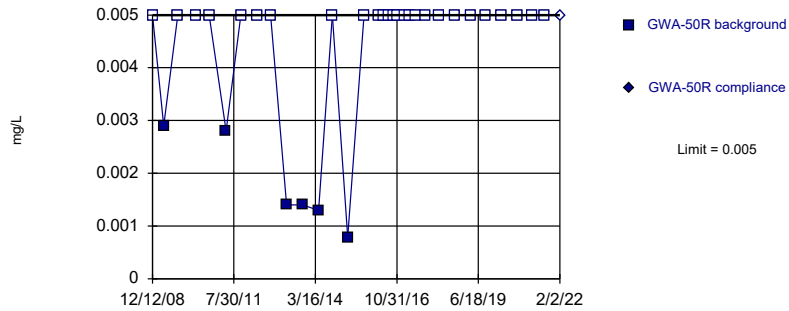


Background Data Summary: Mean=0.01093, Std. Dev.=0.006405, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9518, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

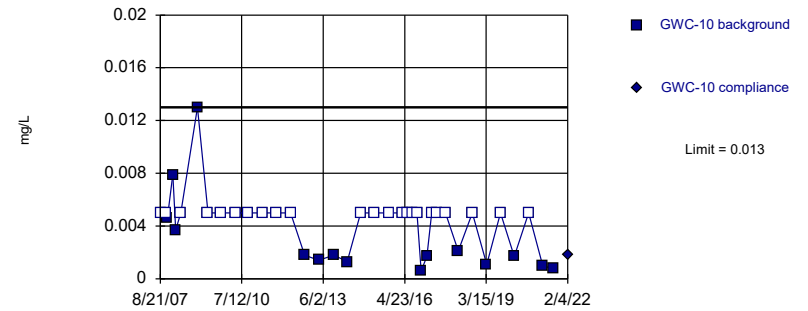


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

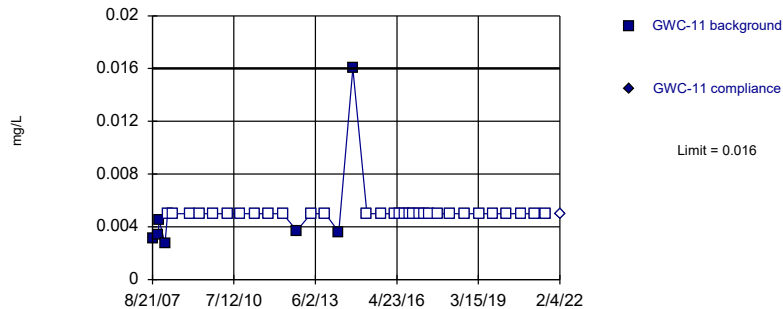


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 60.53% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

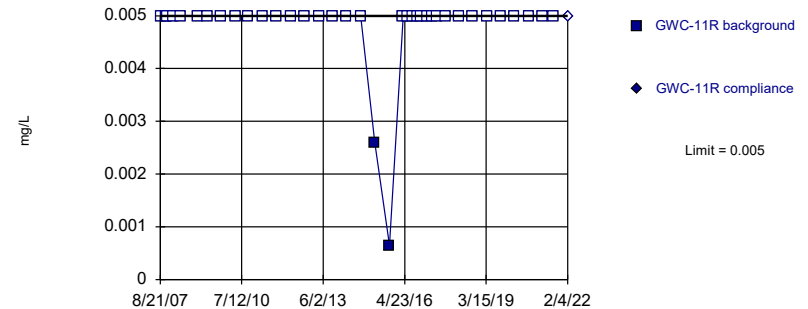


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 81.58% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

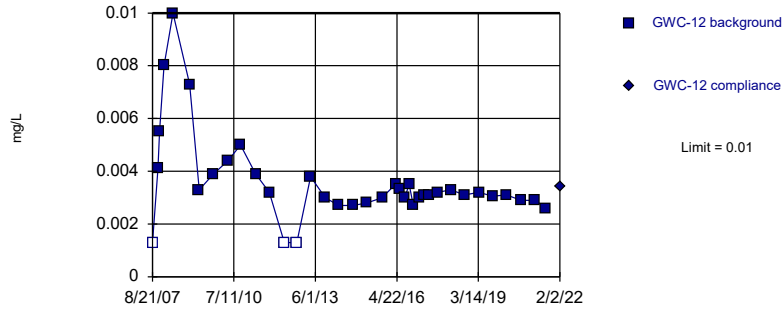


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

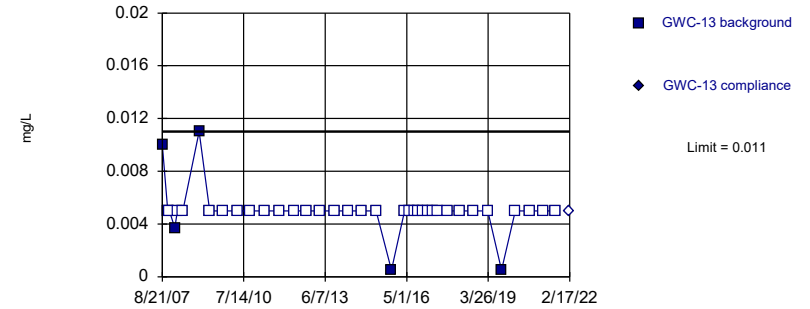


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 8.108% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

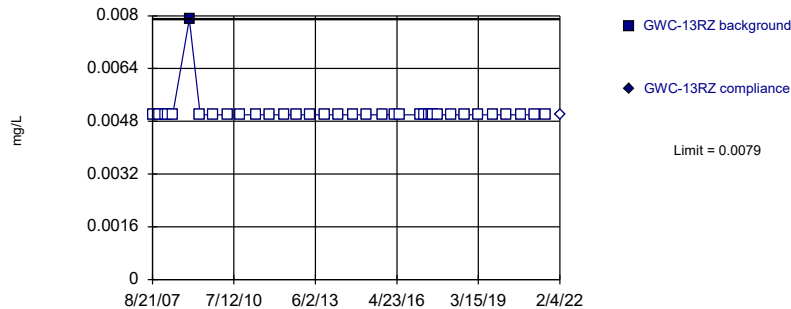


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 86.84% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

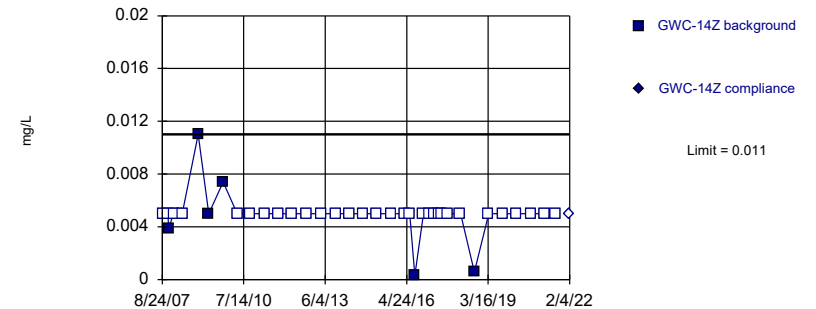


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

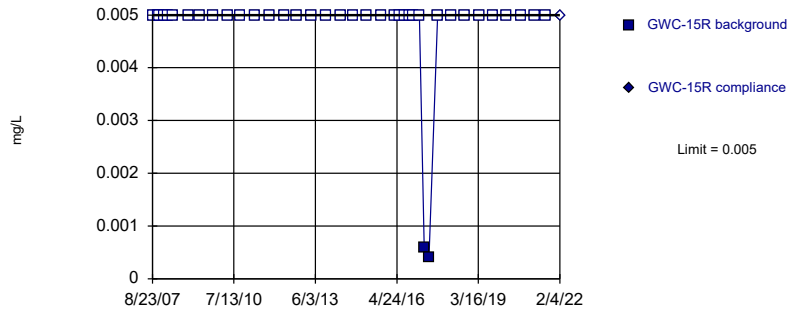


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 81.58% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

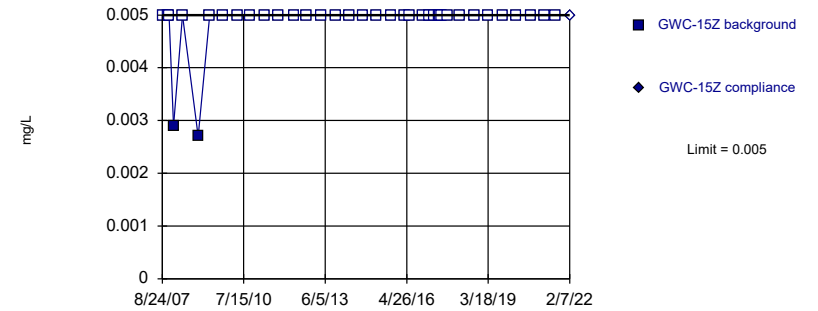


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

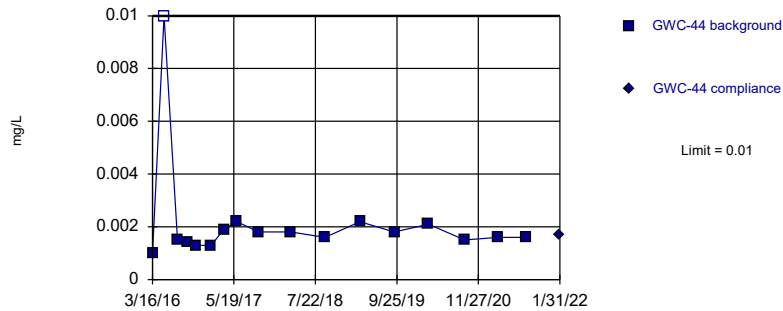


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

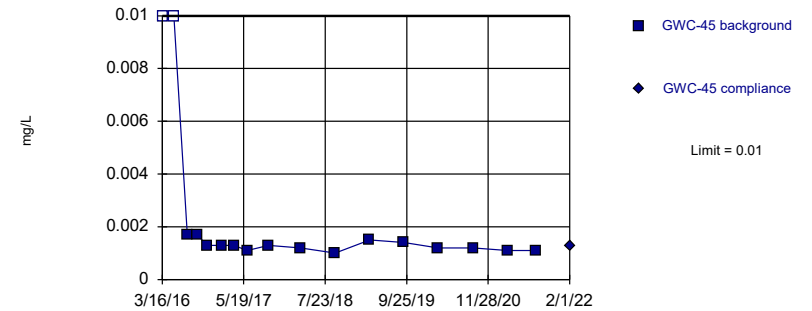


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 5.882% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

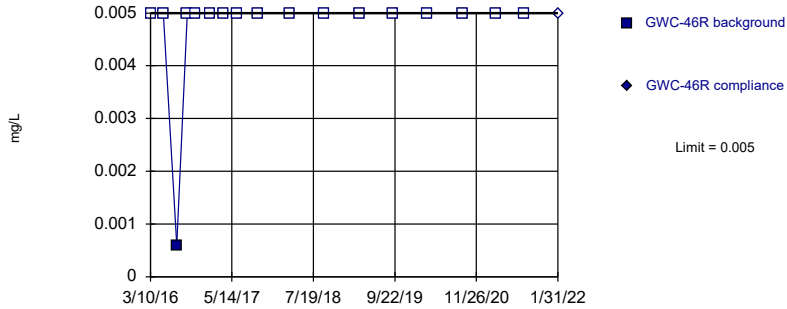


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 11.76% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

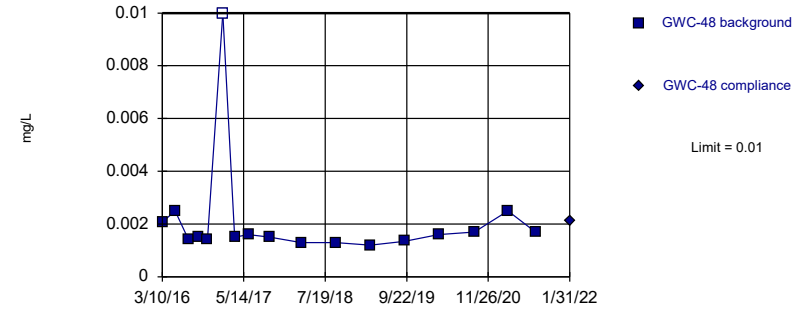


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

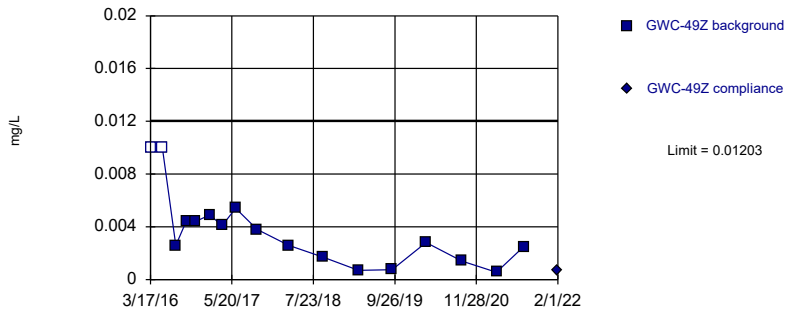


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 5.882% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

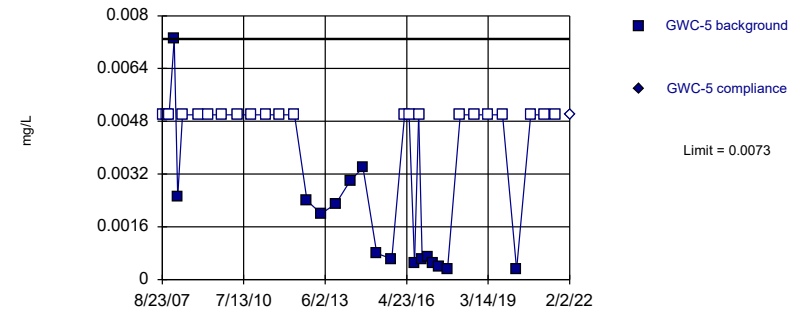


Background Data Summary: Mean=0.003682, Std. Dev.=0.002811, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8535, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

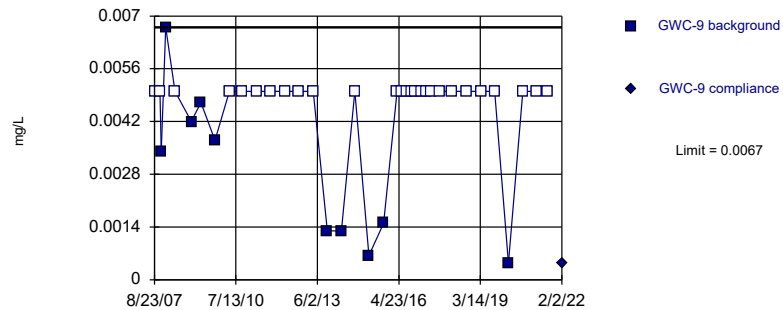


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

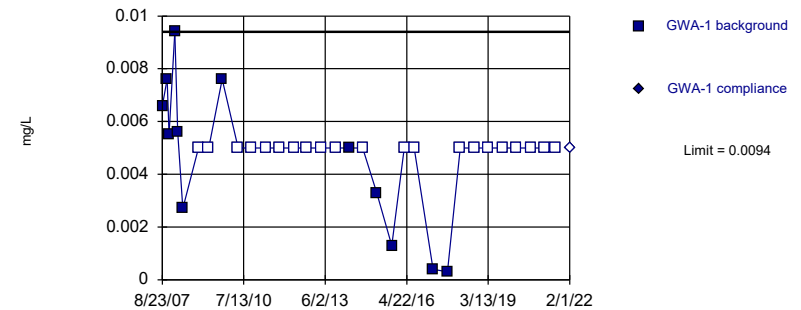


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

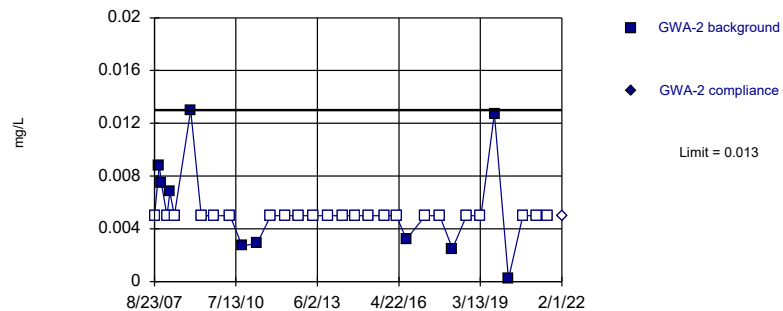


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

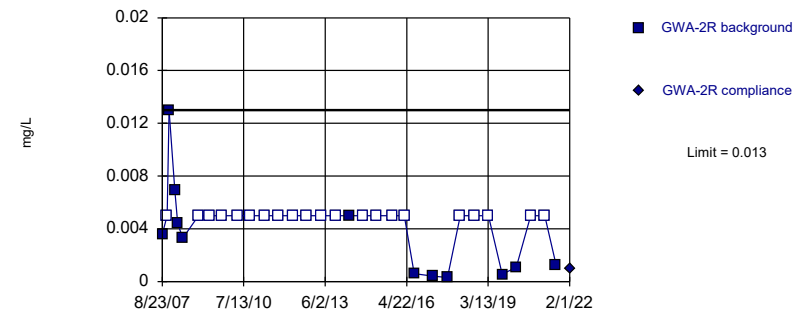


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

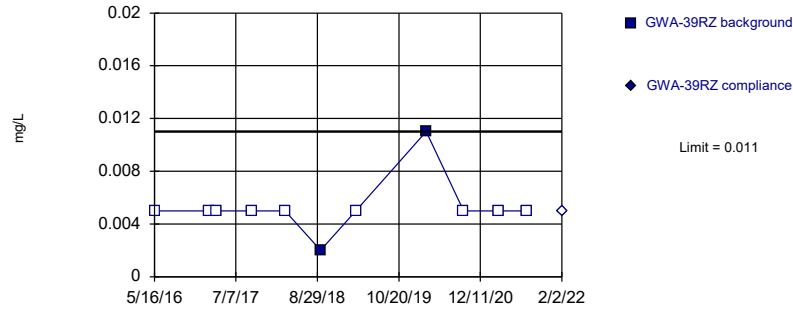


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

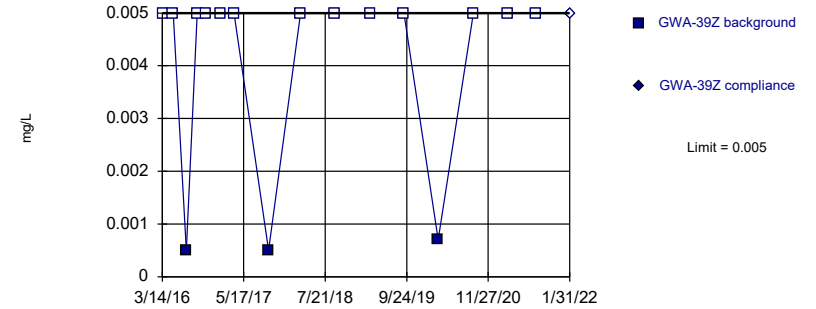


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 11 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.02537. Individual comparison alpha = 0.01276 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

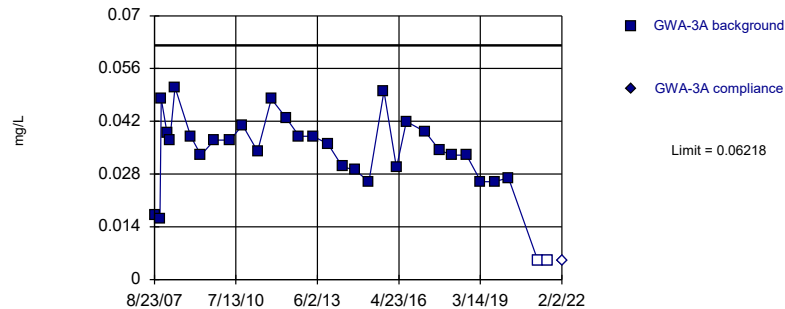


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

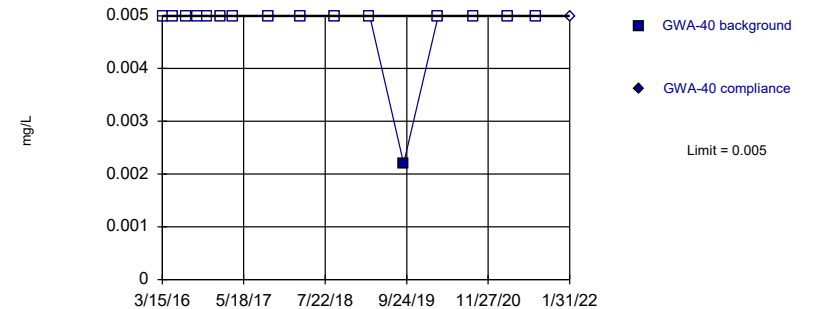


Background Data Summary: Mean=0.03331, Std. Dev.=0.01113, n=32, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9225, critical = 0.904. Kappa = 2.595 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

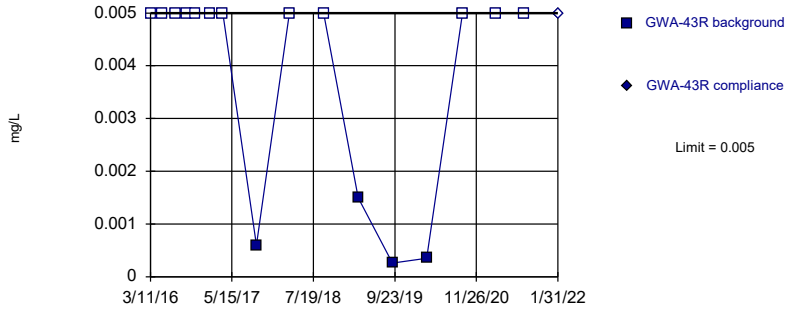


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

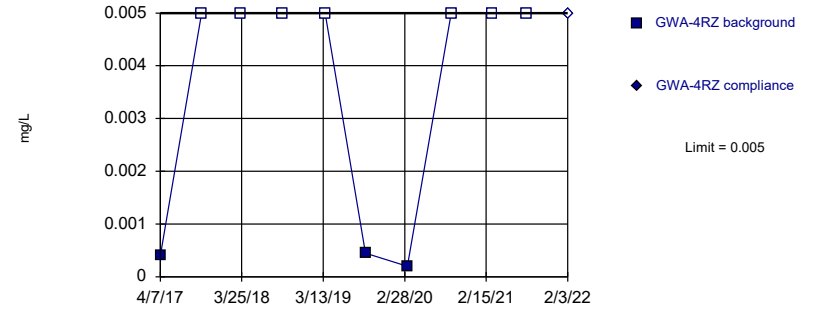


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

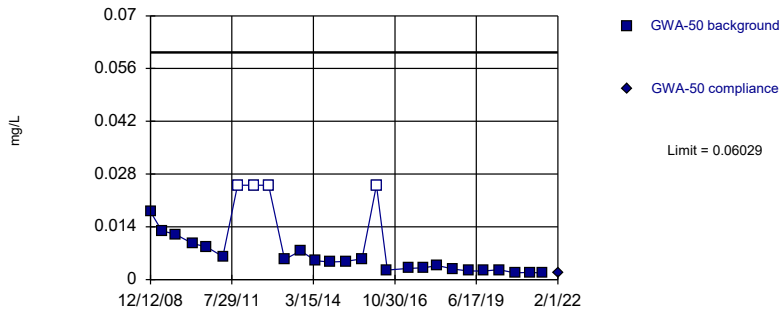


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 70% NDs. Well-constituent pair annual alpha = 0.0293. Individual comparison alpha = 0.01476 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

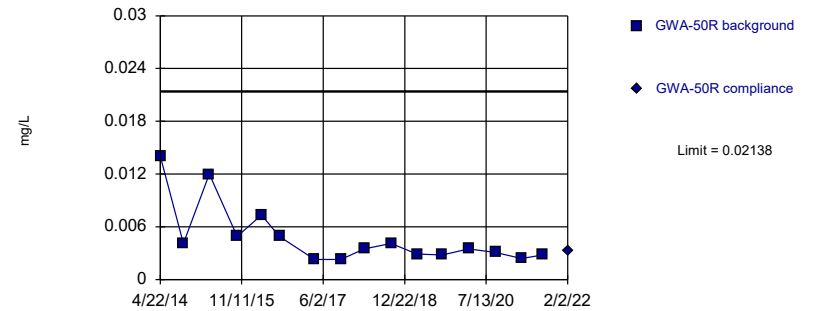


Background Data Summary (based on natural log transformation): Mean=-5.166, Std. Dev.=0.8843, n=27, 14.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9153, critical = 0.894. Kappa = 2.666 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

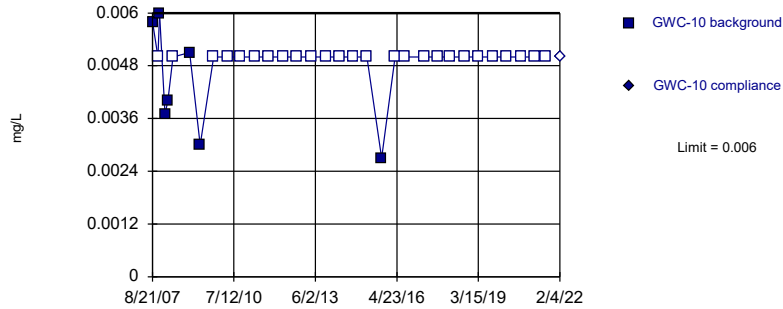


Background Data Summary (based on natural log transformation): Mean=-5.507, Std. Dev.=0.5512, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8598, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

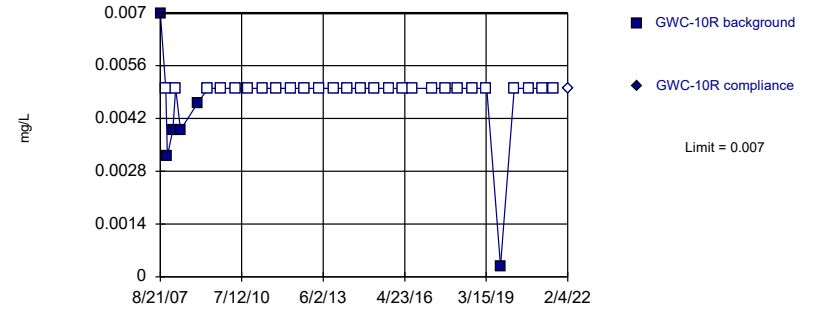


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

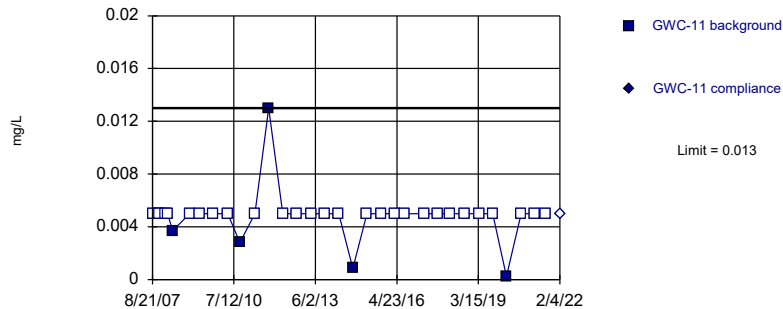


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:57 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

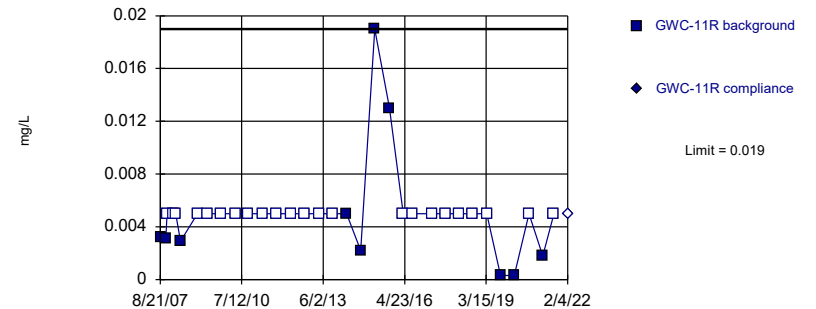


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

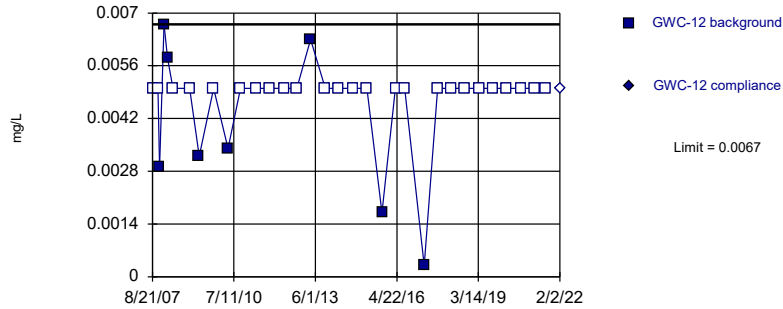


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

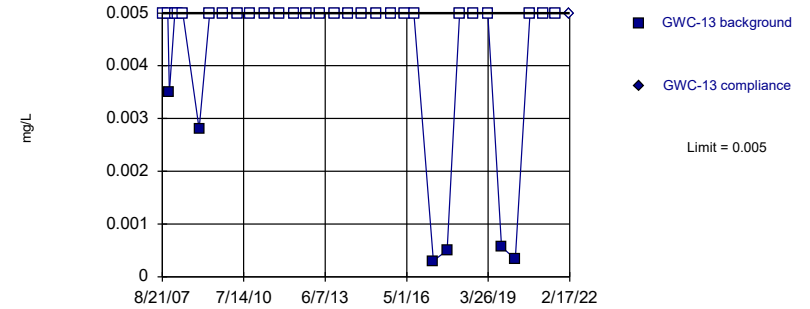


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 75.76% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

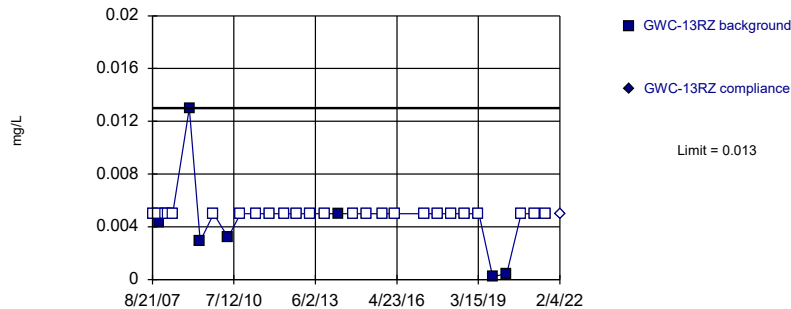


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

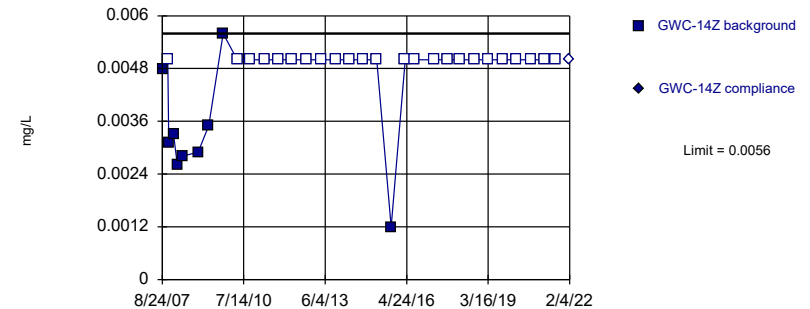


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

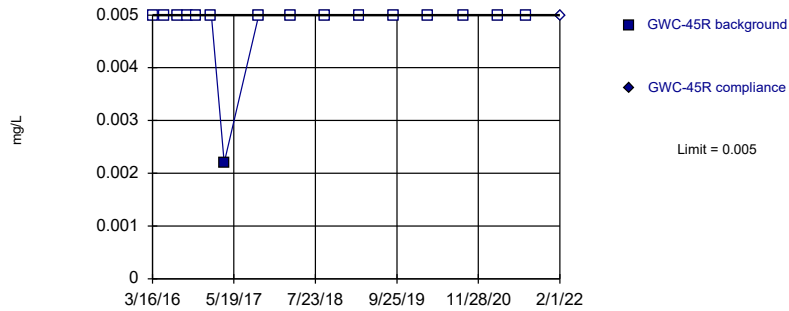


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

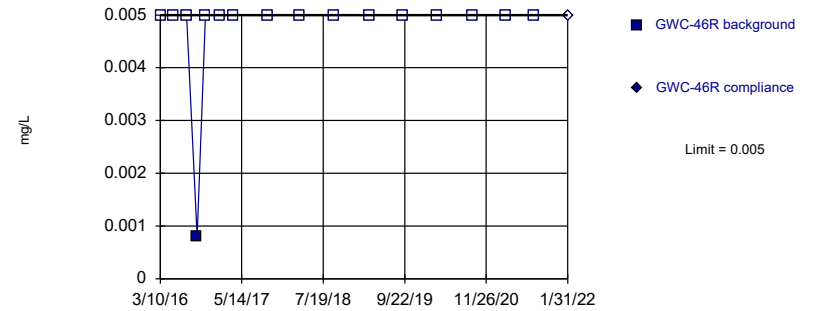


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

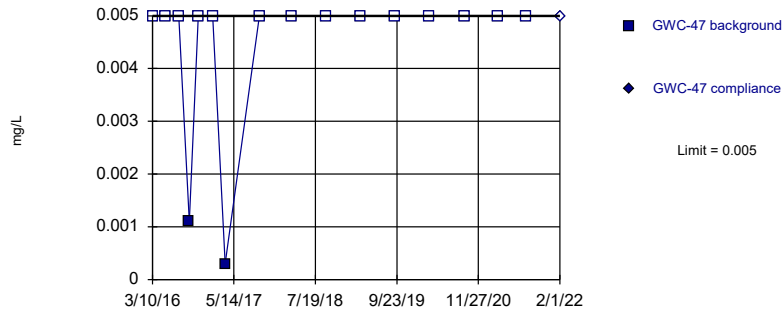


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

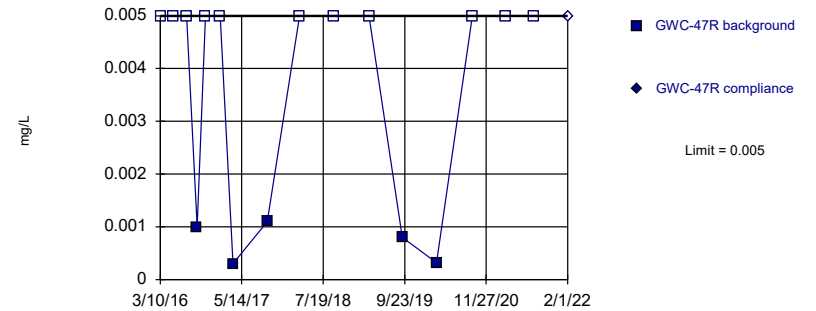


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

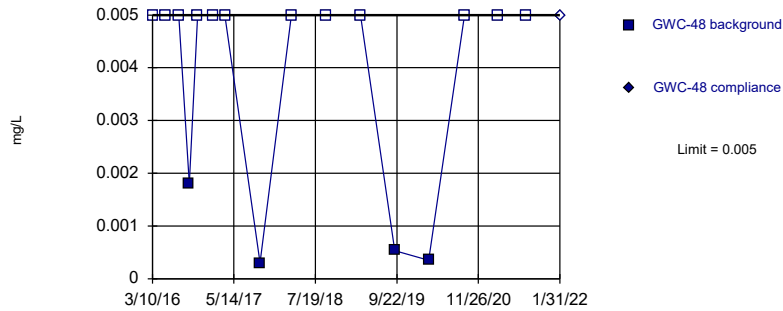


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

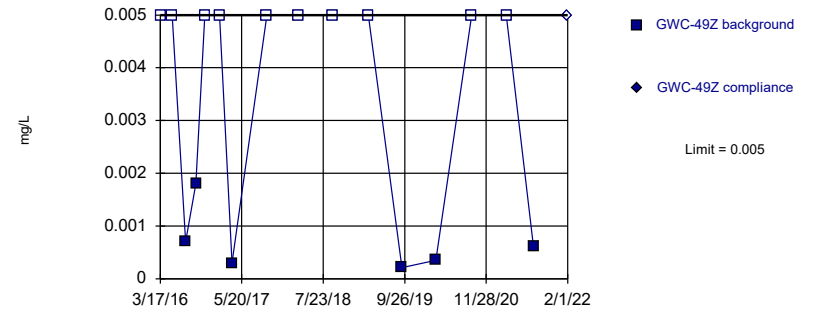


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

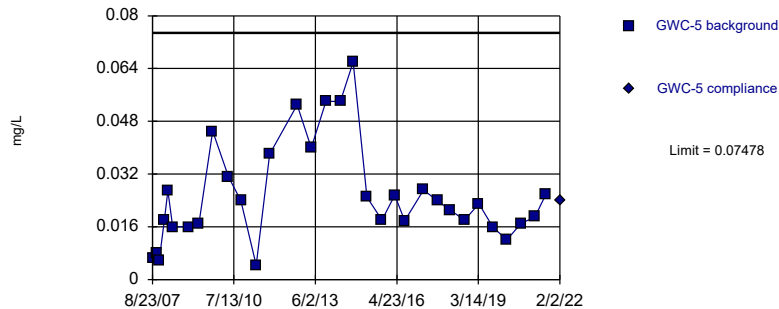


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

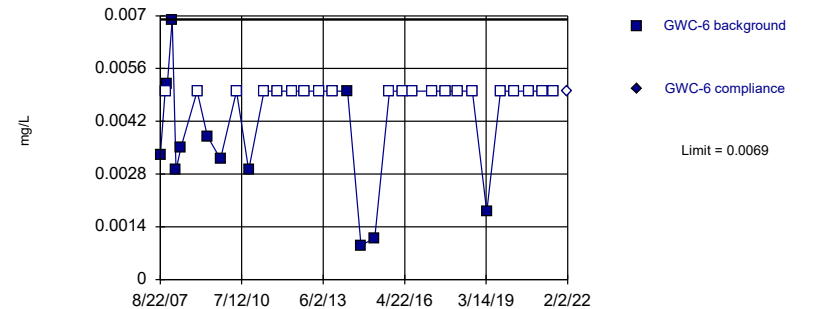


Background Data Summary (based on square root transformation): Mean=0.1527, Std. Dev.=0.04654, n=32.
Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9533, critical = 0.904. Kappa = 2.595 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

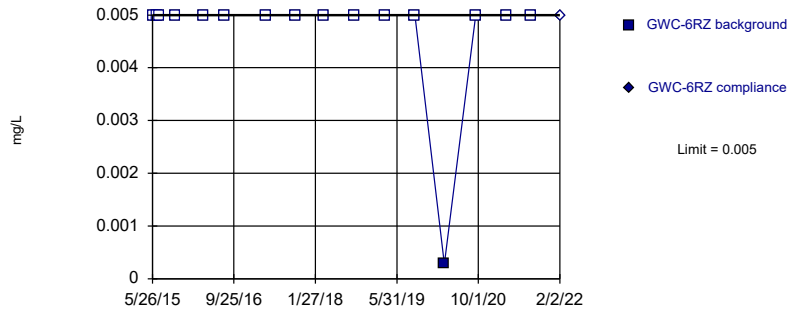


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

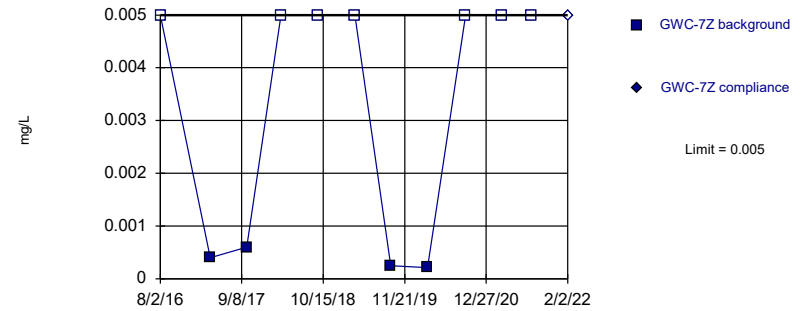


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

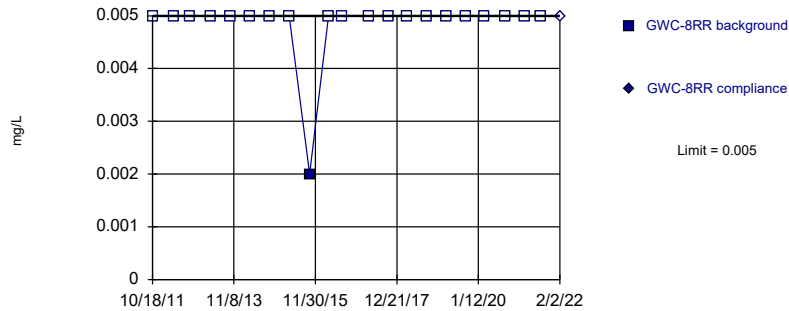


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 11 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.02537. Individual comparison alpha = 0.01276 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

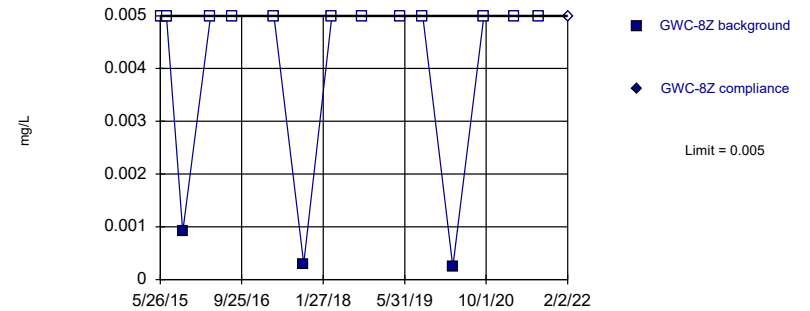


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

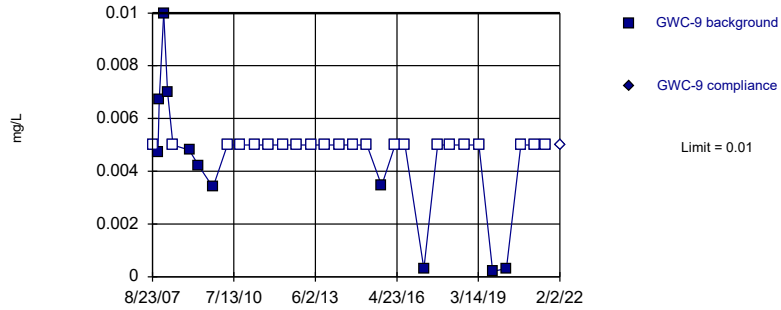


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

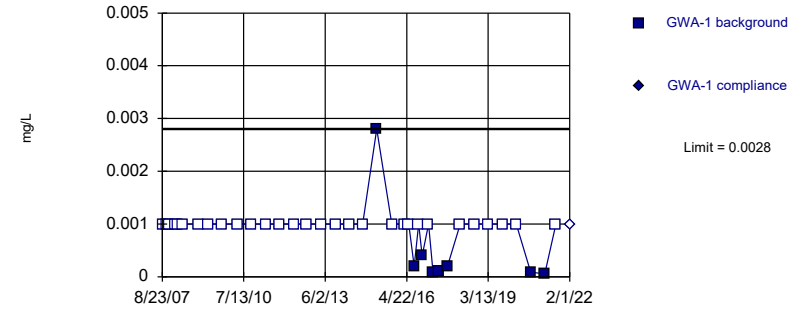


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

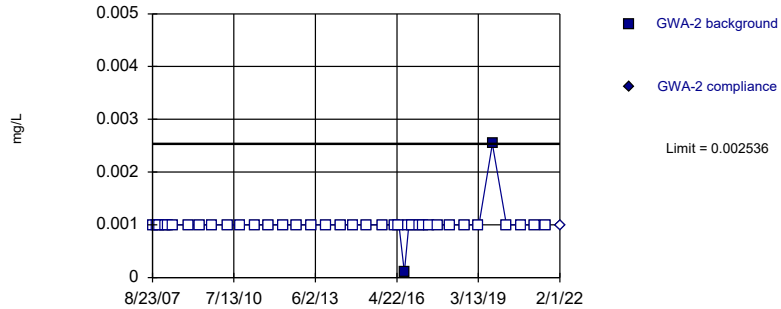


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

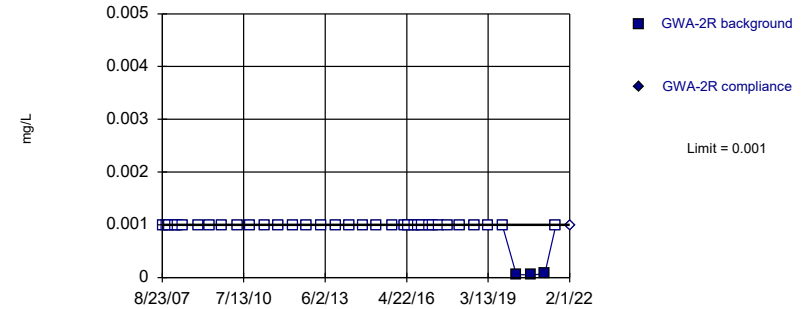


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

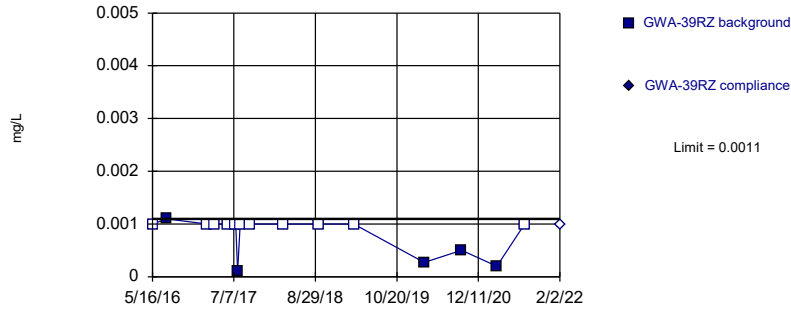


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

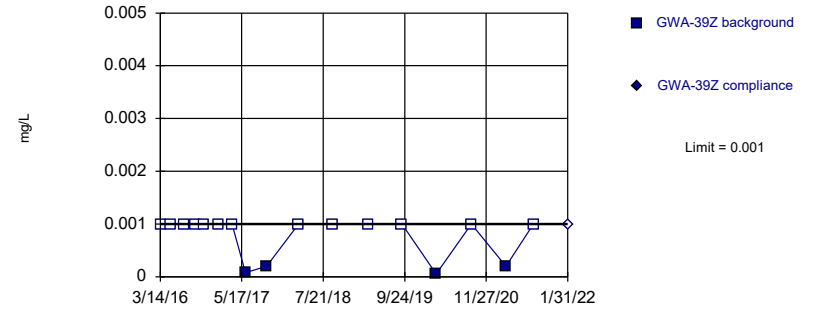


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

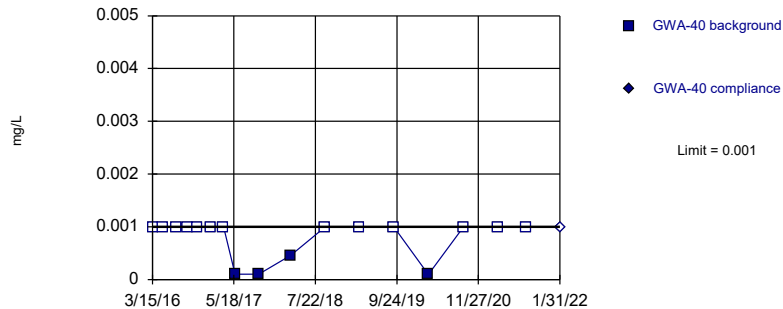


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

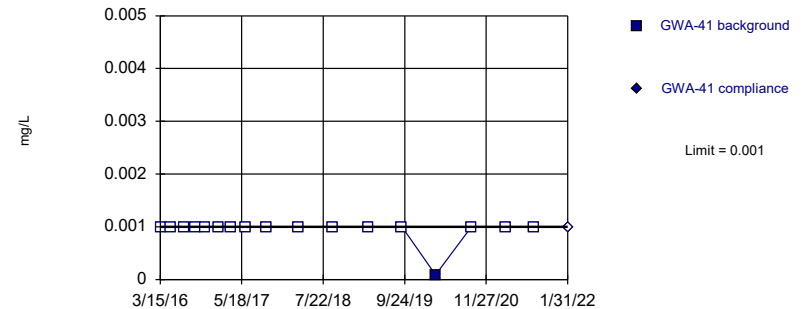


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

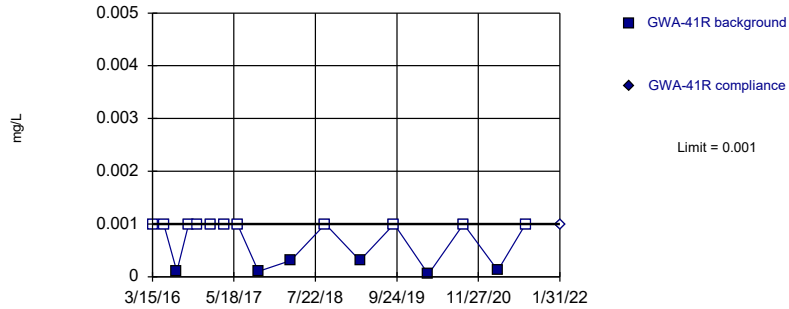


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

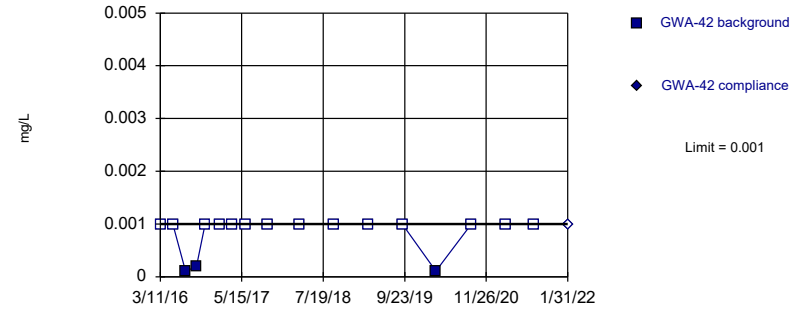


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

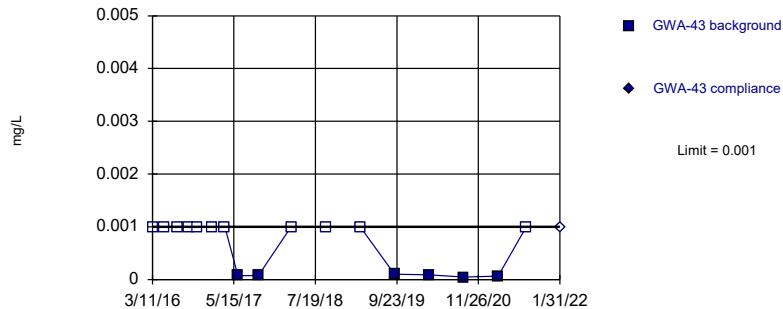


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

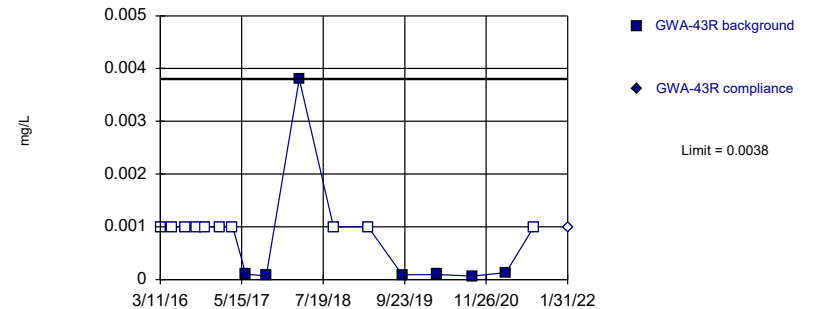


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

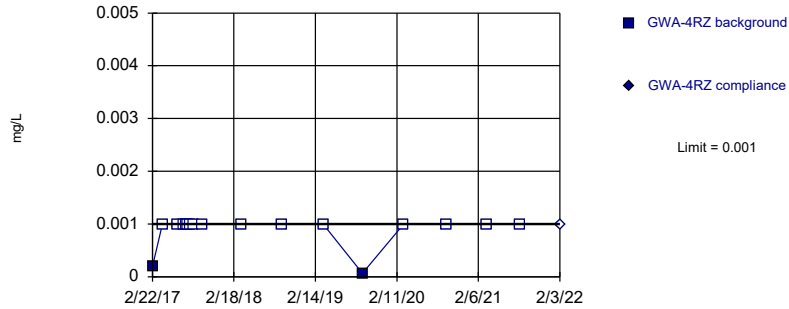


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 58.82% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

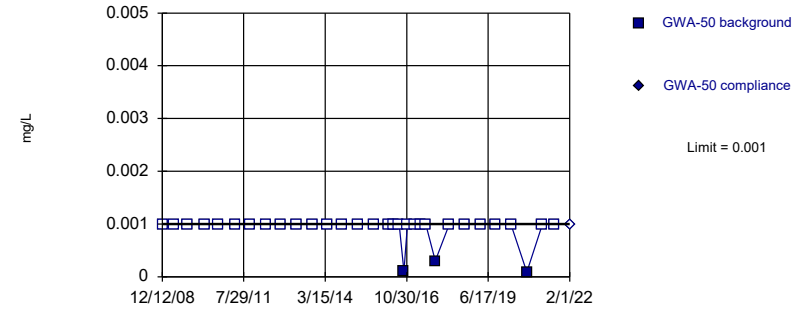


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

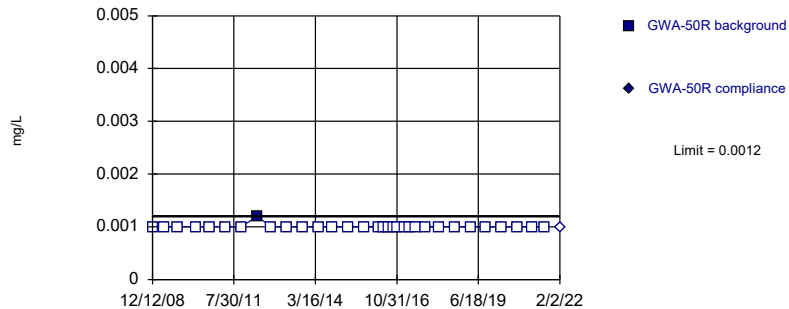


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

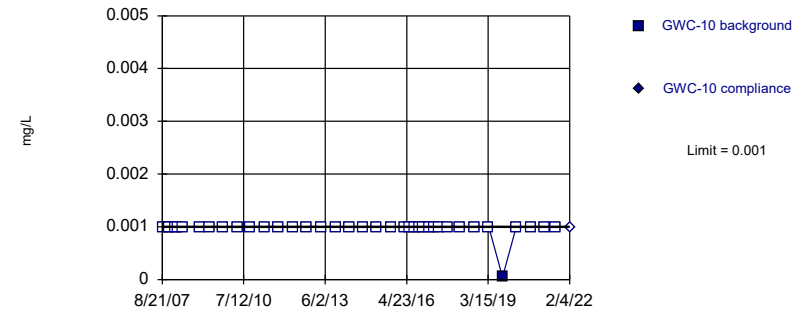


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

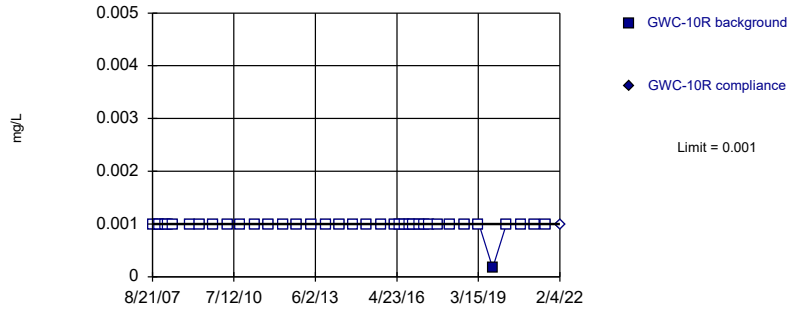


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

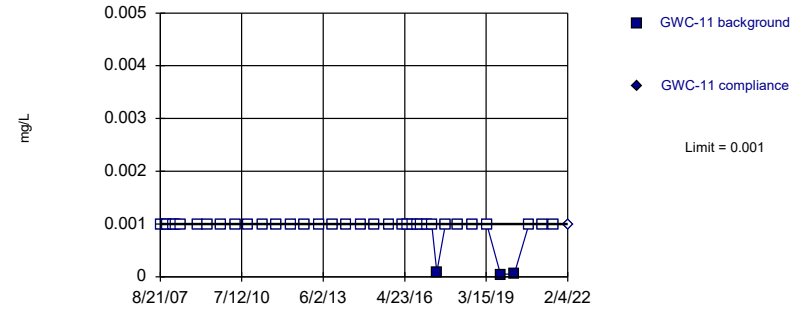


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

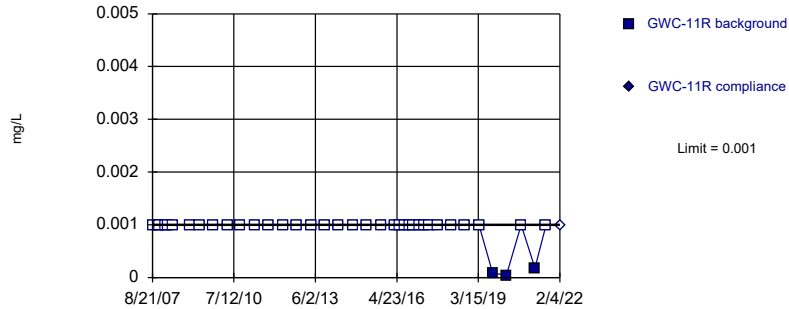


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

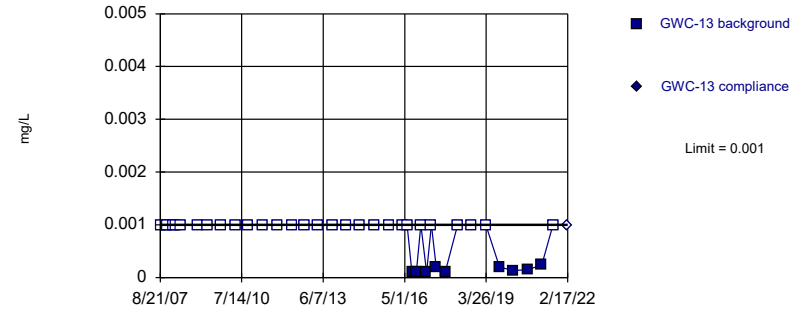


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

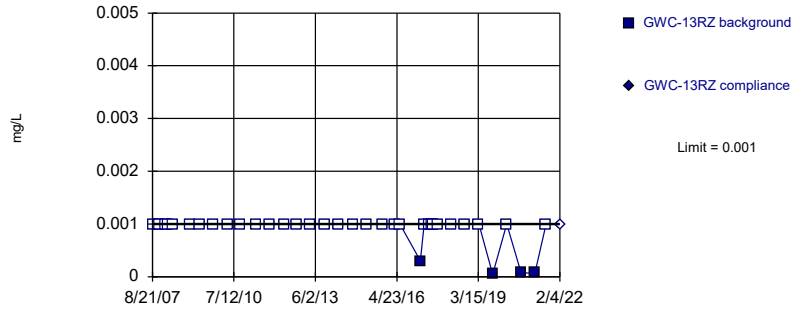


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 76.32% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

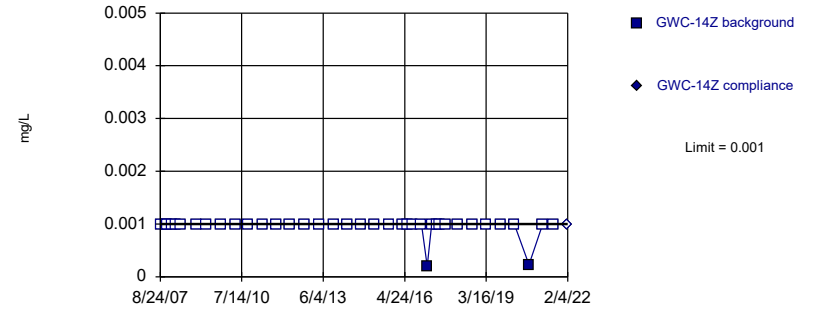


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

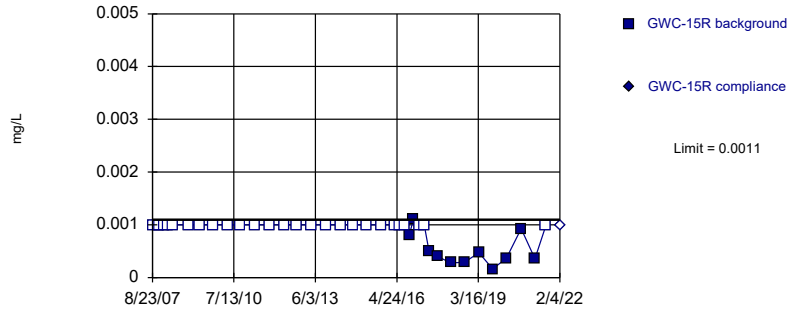


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

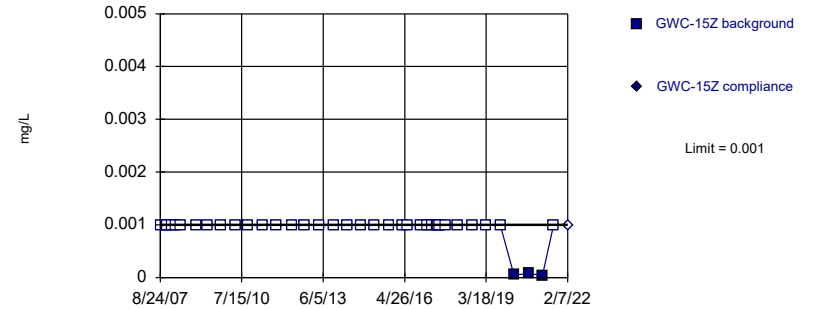


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 71.05% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

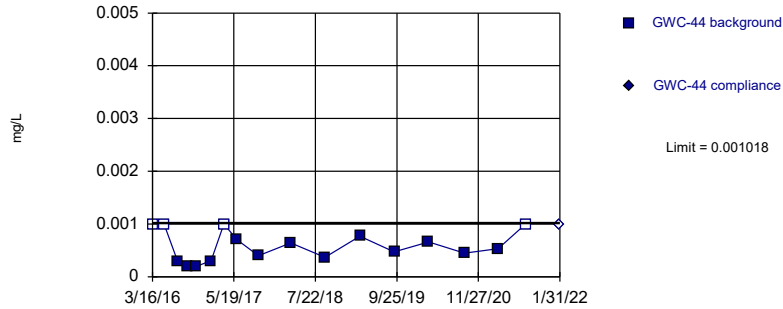


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

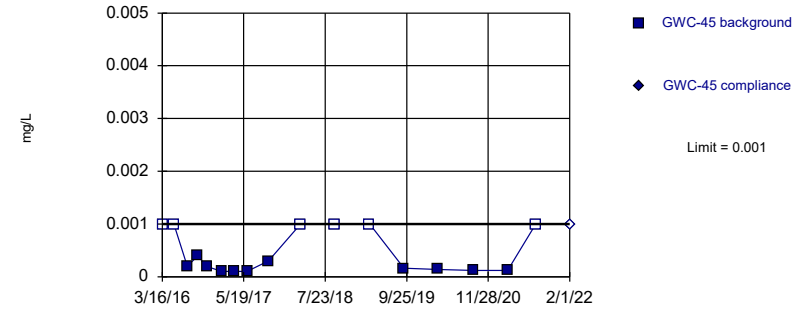


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0004531, Std. Dev.=0.0001903, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9039, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

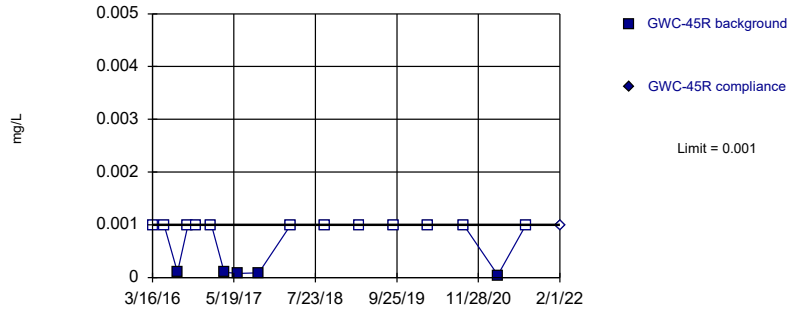


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 35.29% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

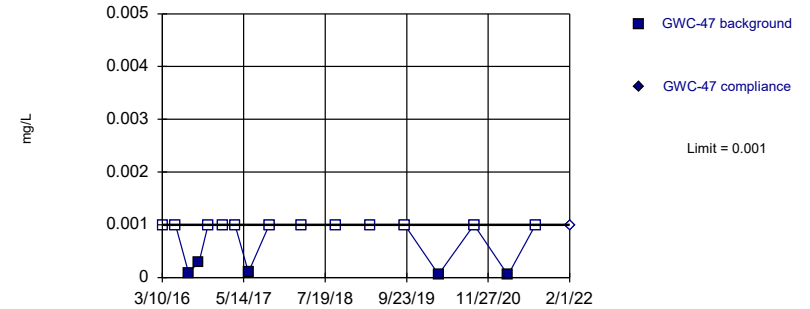


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

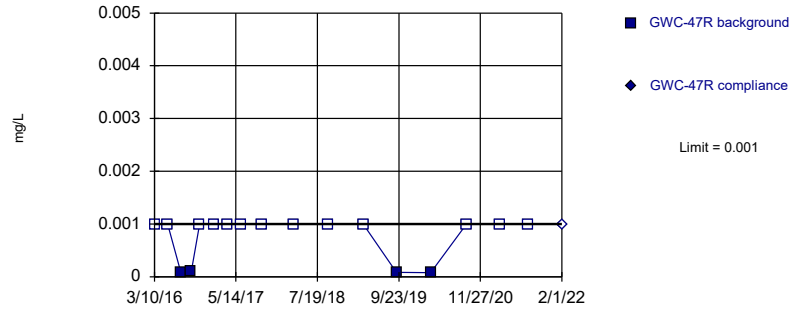


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

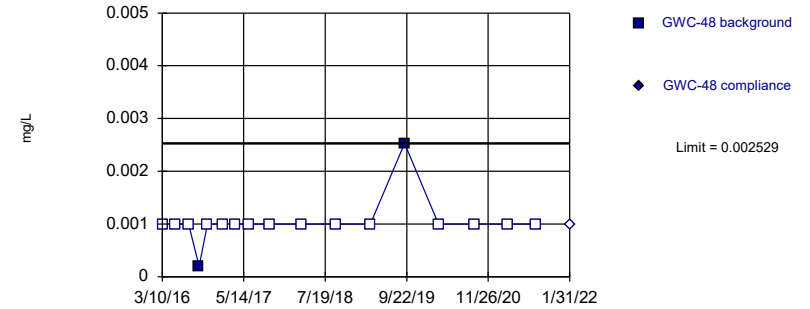


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

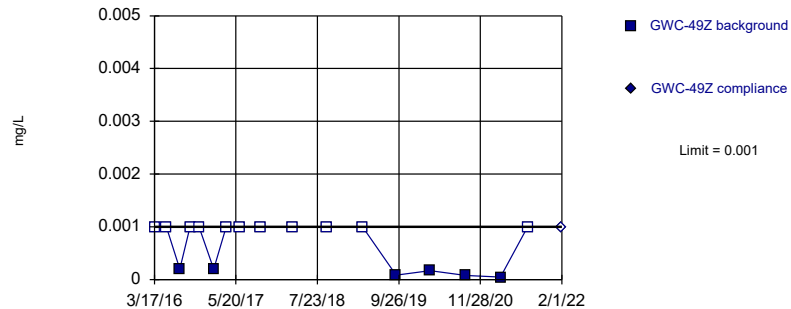


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

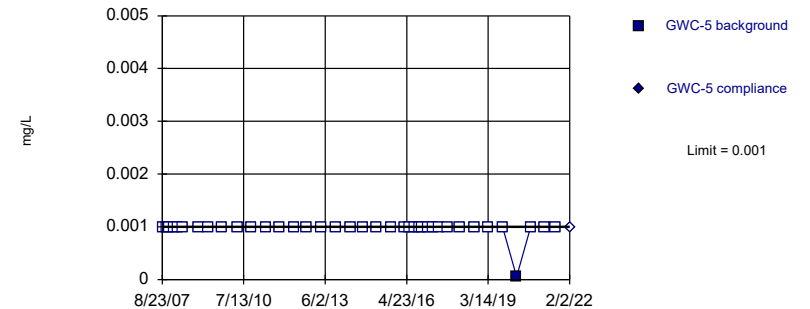


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

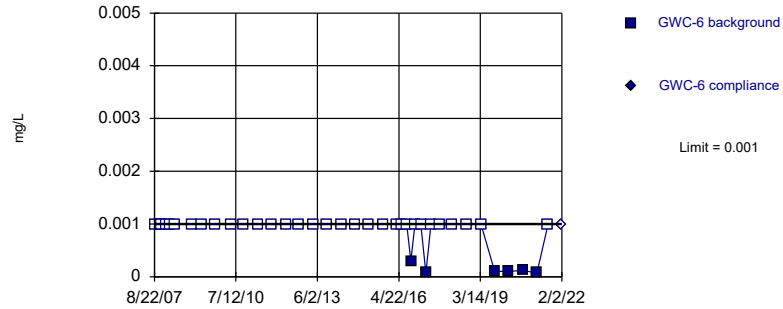


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

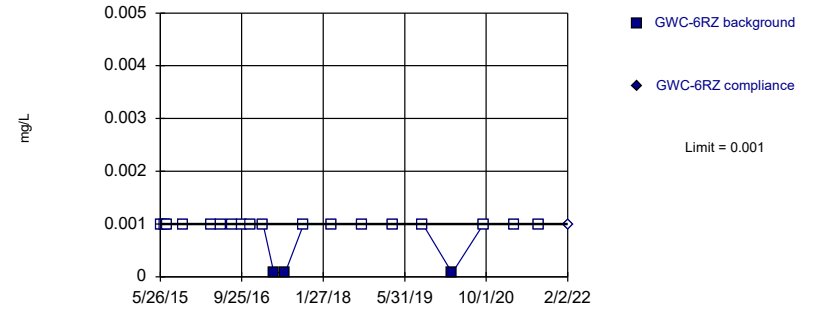


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

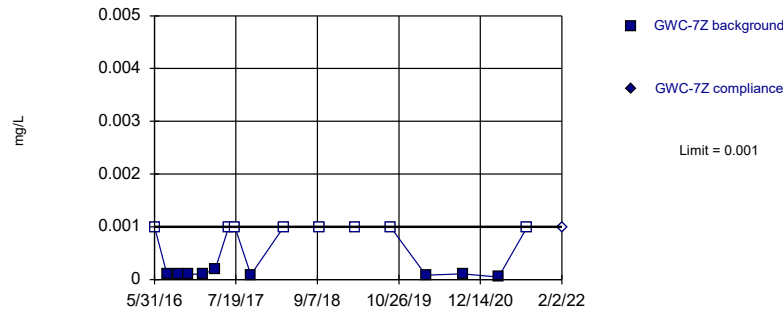


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

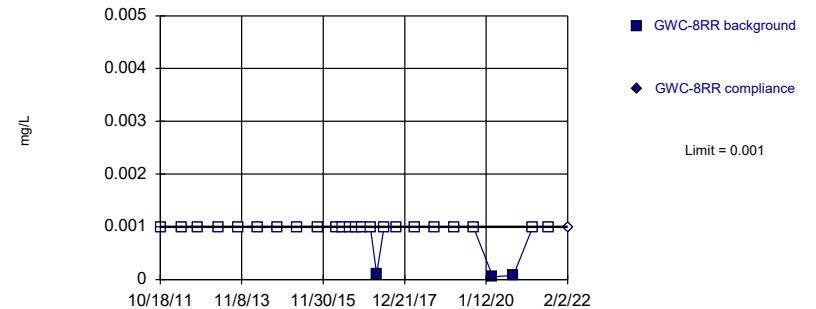


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

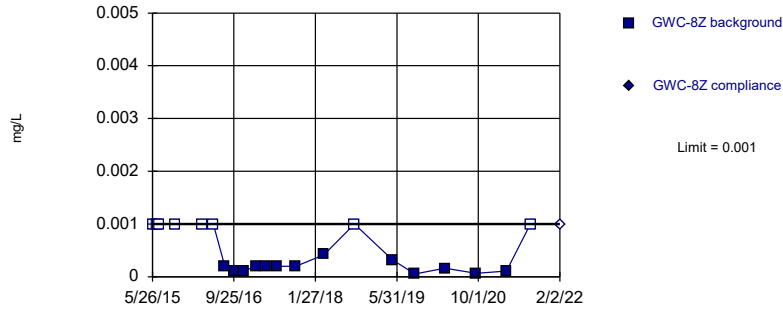


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

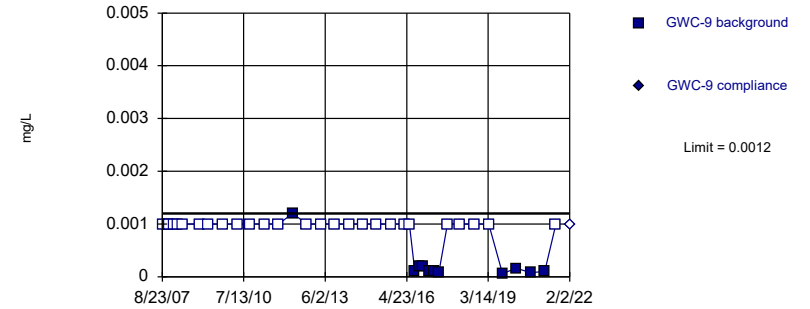


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

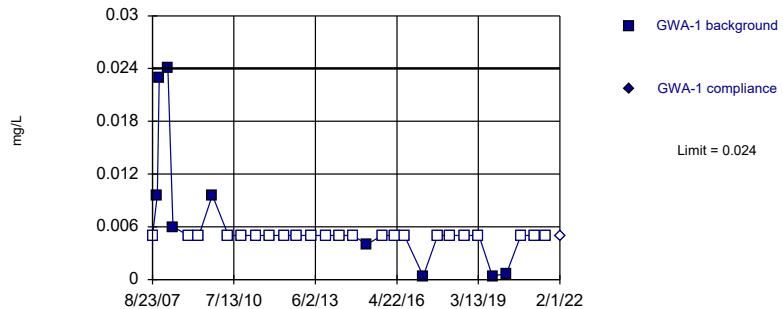


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 71.05% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

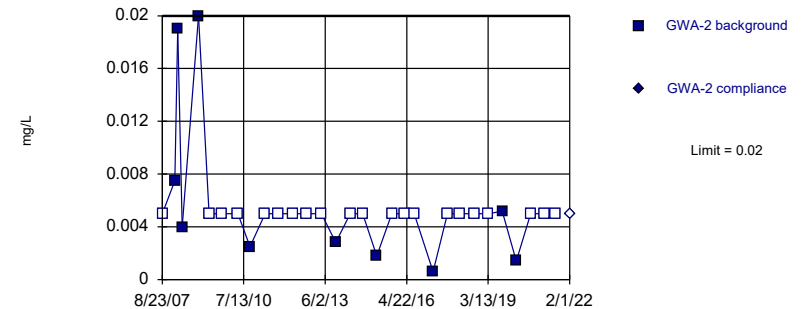


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

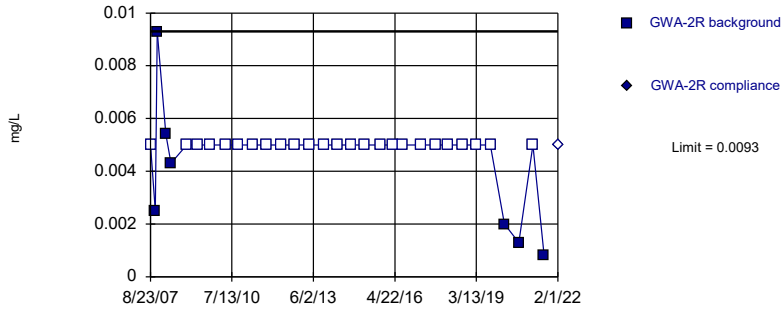


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

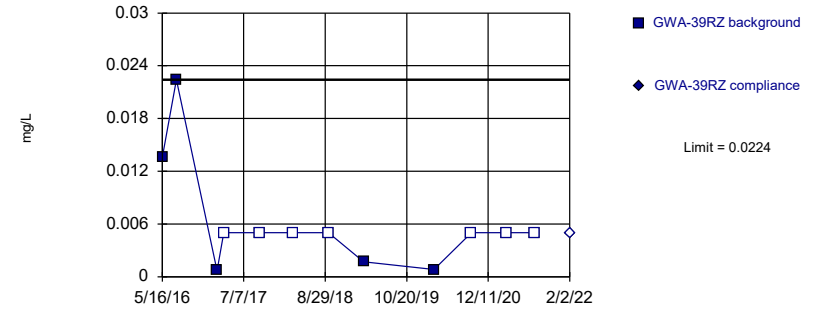


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

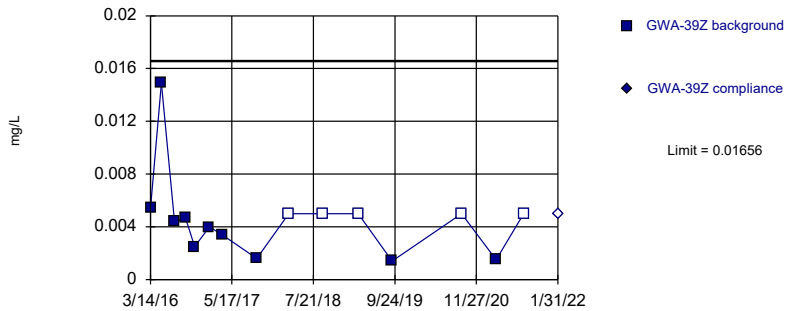


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

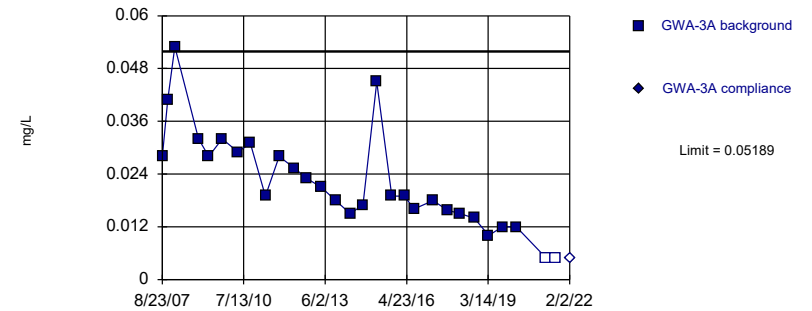


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1494, Std. Dev.=0.03401, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8471, critical = 0.835. Kappa = 3.102 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Nickel Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

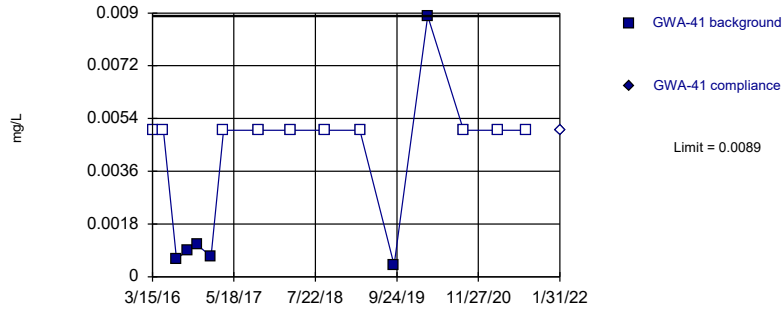


Background Data Summary: Mean=0.02228, Std. Dev.=0.01125, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9361, critical = 0.898. Kappa = 2.633 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Nickel Analysis Run 4/1/2022 6:58 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

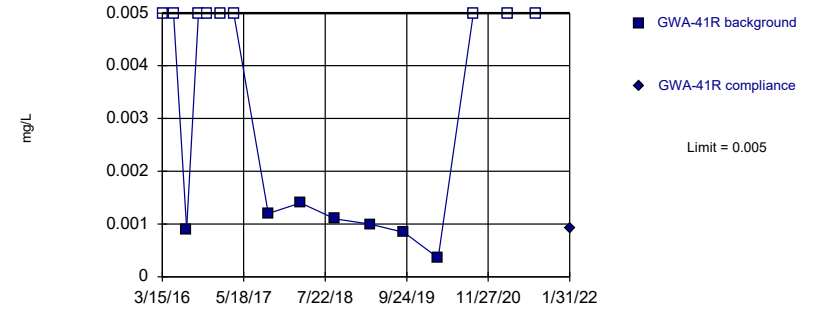


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

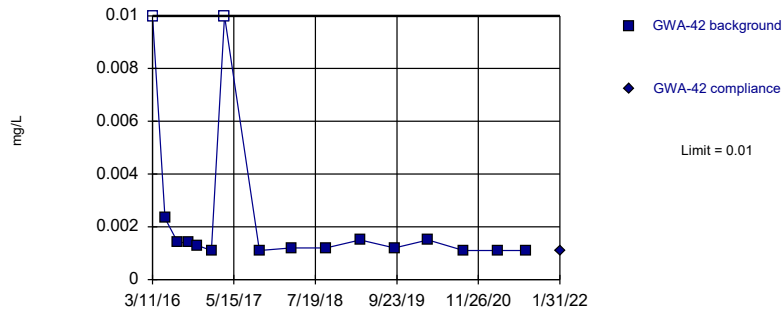


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

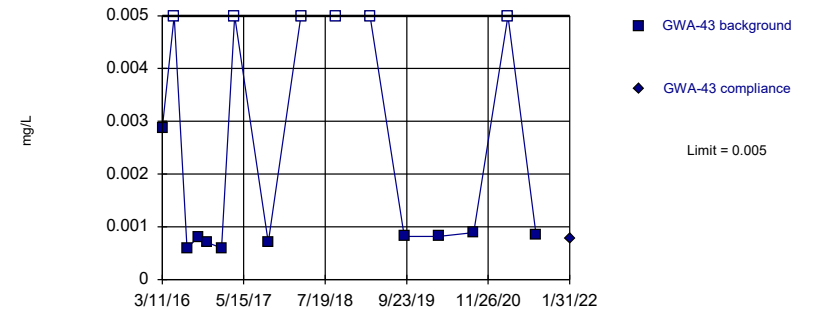


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

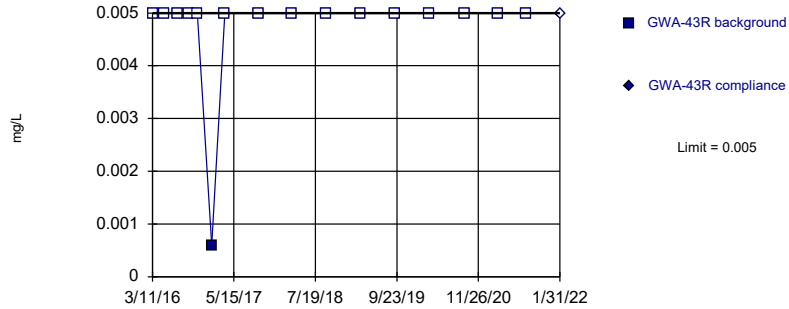


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

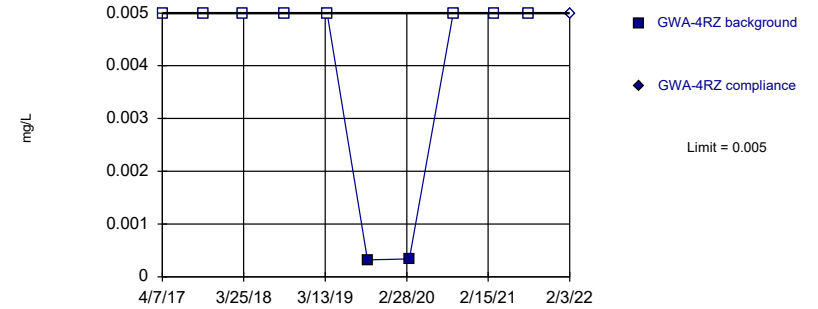


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

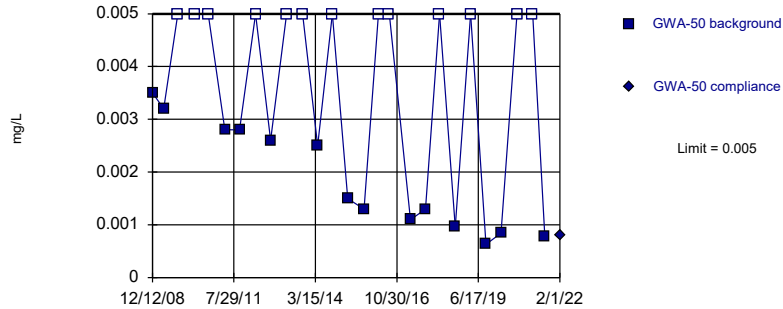


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 80% NDs. Well-constituent pair annual alpha = 0.0293. Individual comparison alpha = 0.01476 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

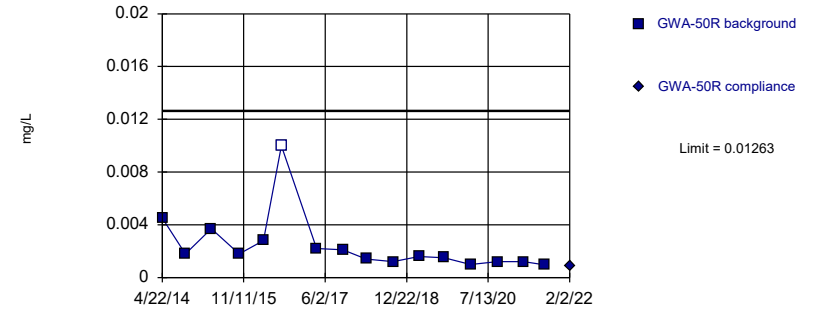


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 48.15% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

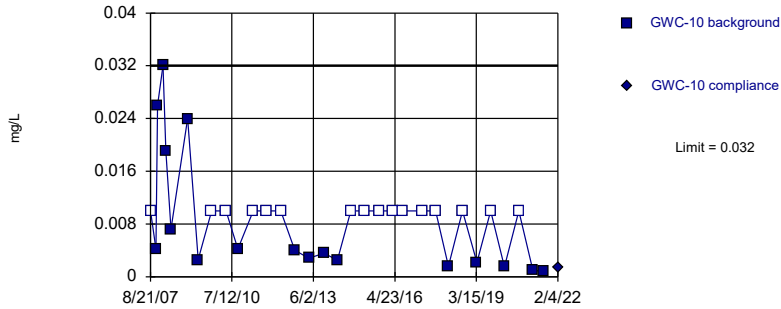


Background Data Summary (based on natural log transformation): Mean=-6.247, Std. Dev.=0.622, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8833, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

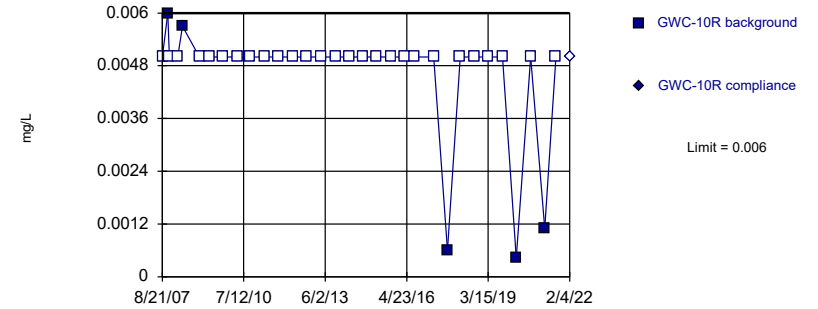


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 48.48% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

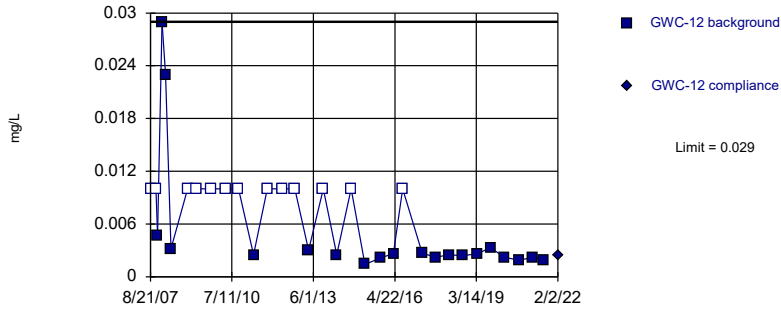
Within Limit

Prediction Limit Intrawell Non-parametric



Within Limit

Prediction Limit Intrawell Non-parametric

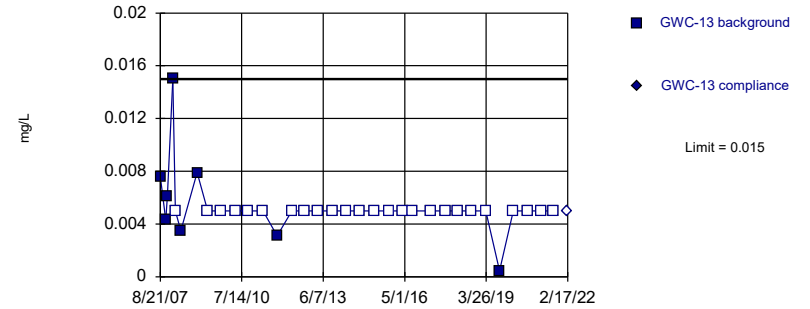


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 39.39% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

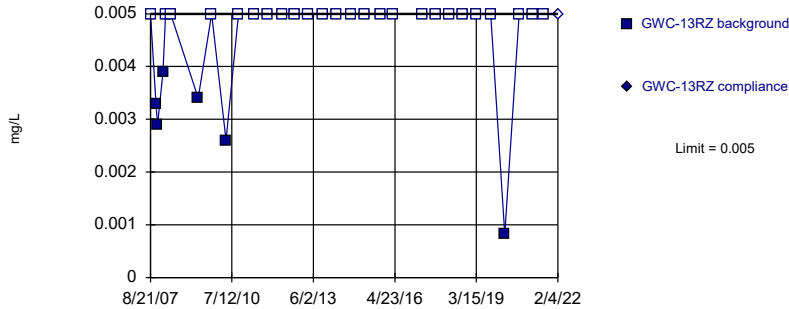


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 75.76% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

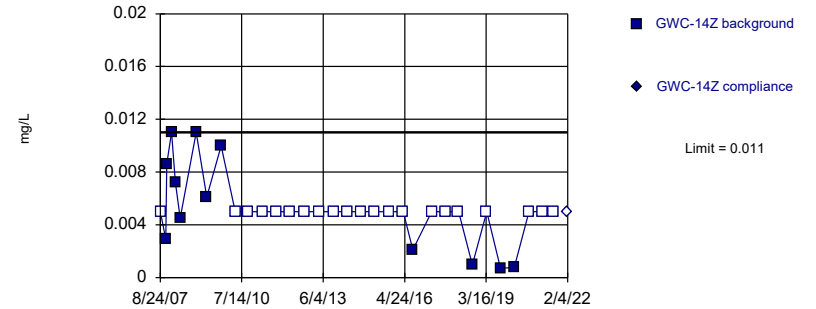


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 80.65% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

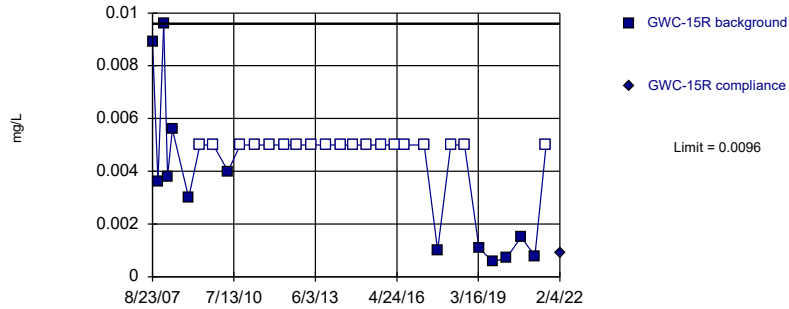


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

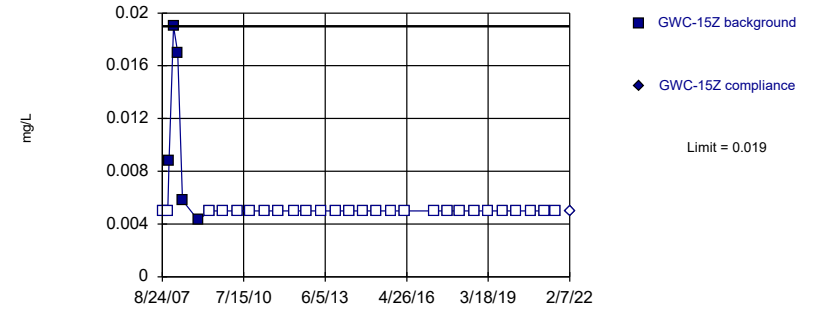


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 59.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

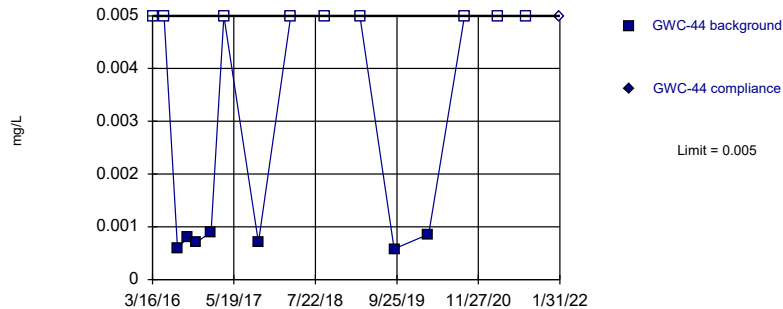


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

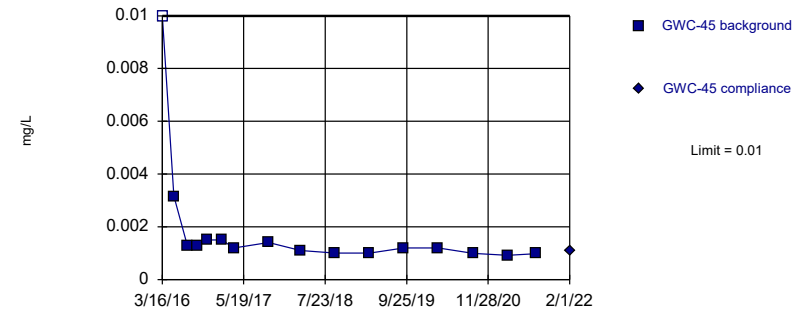


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

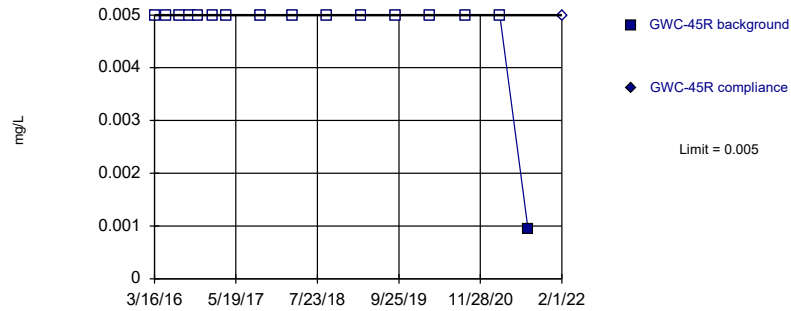


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

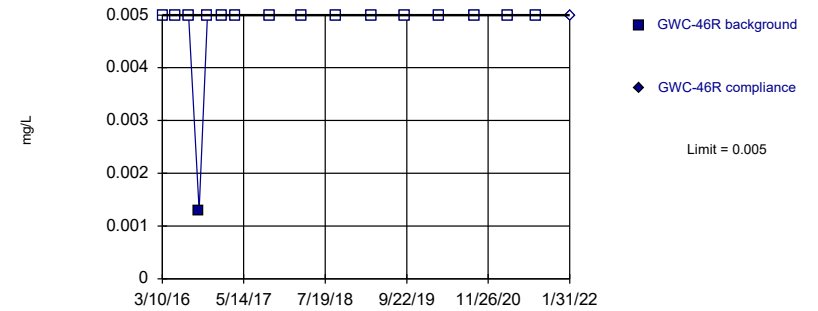


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

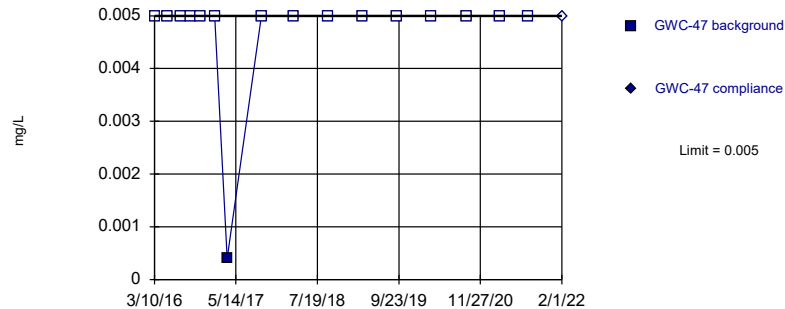


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

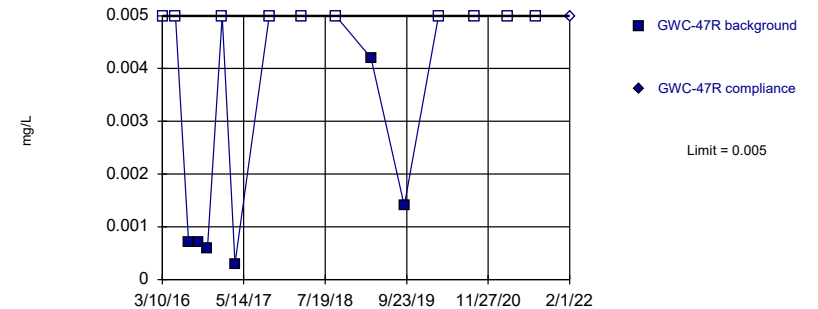


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

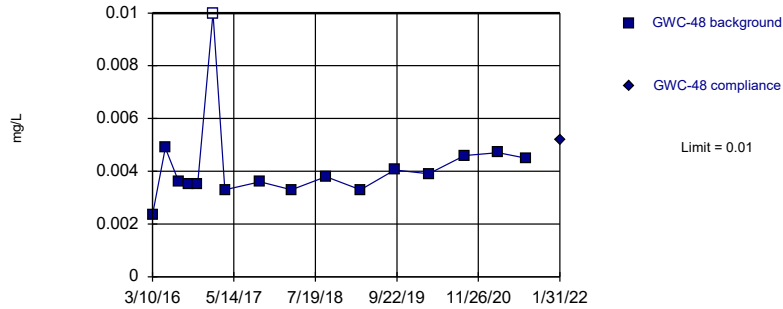


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

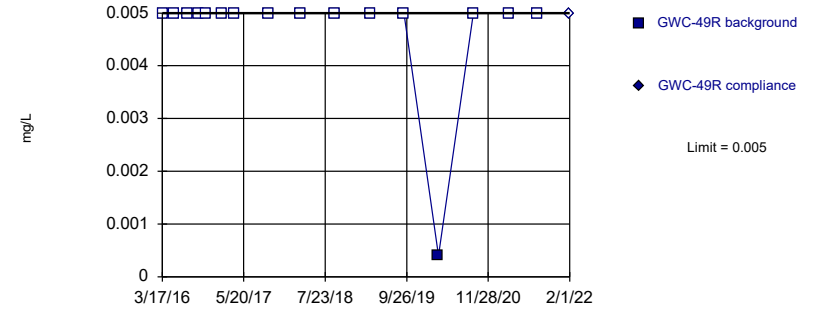


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 6.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

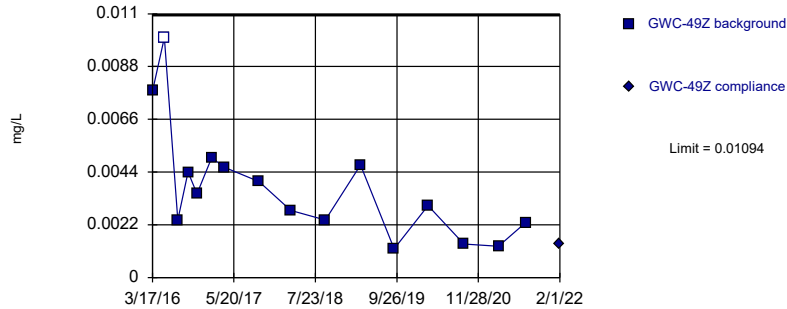


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

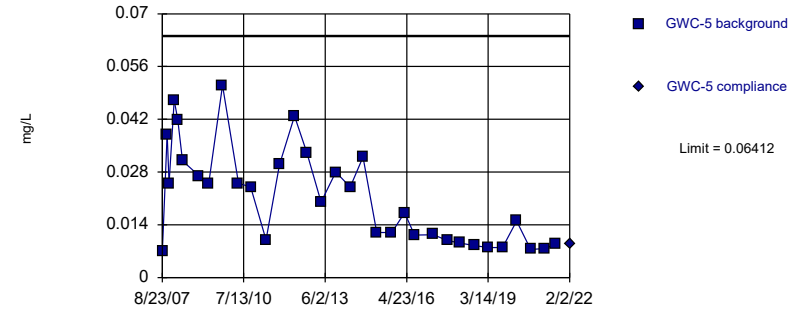


Background Data Summary: Mean=0.003799, Std. Dev.=0.00237, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8687, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

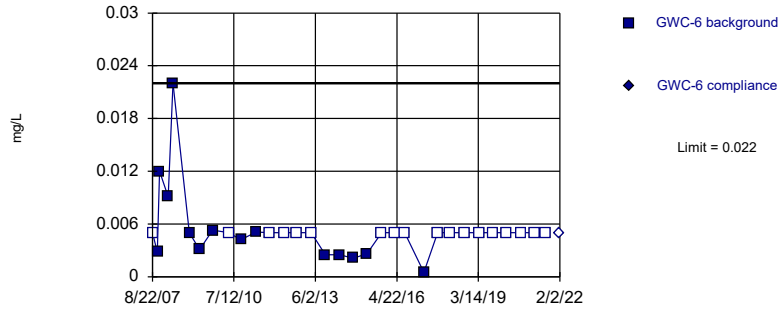


Background Data Summary (based on square root transformation): Mean=0.14, Std. Dev.=0.04382, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9113, critical = 0.906. Kappa = 2.584 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

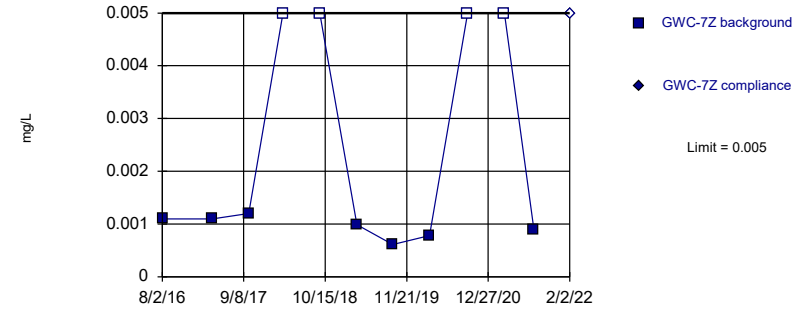


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

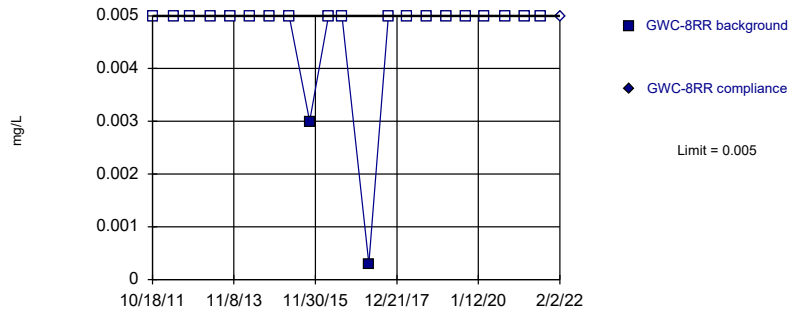


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 11 background values. 36.36% NDs. Well-constituent pair annual alpha = 0.02537. Individual comparison alpha = 0.01276 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

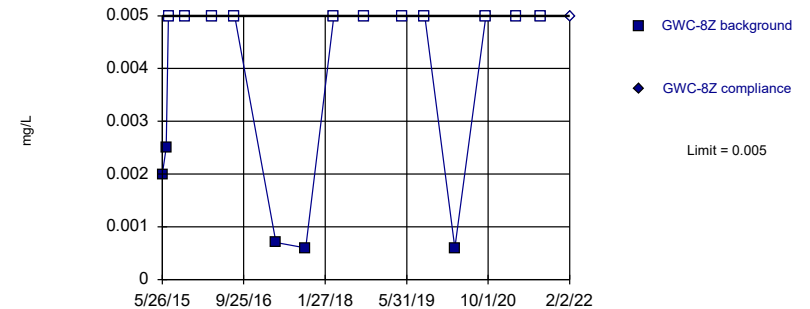


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

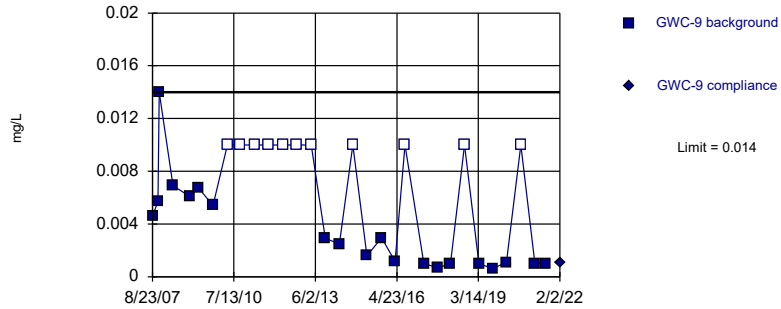


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

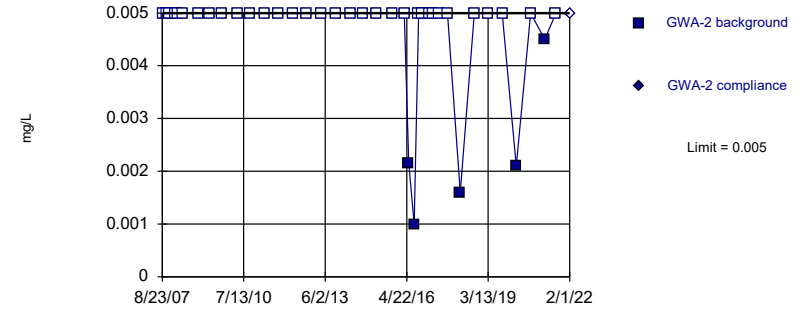


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 35.48% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

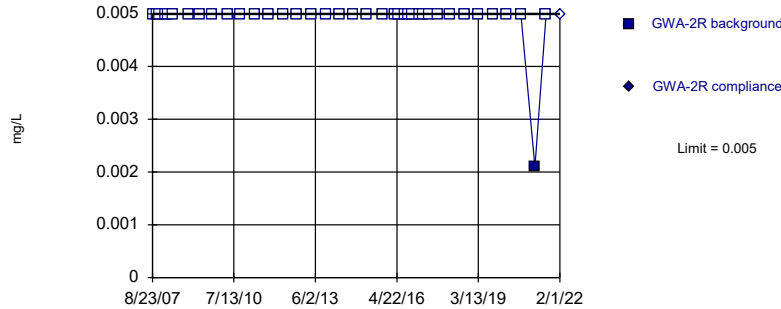


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 86.84% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

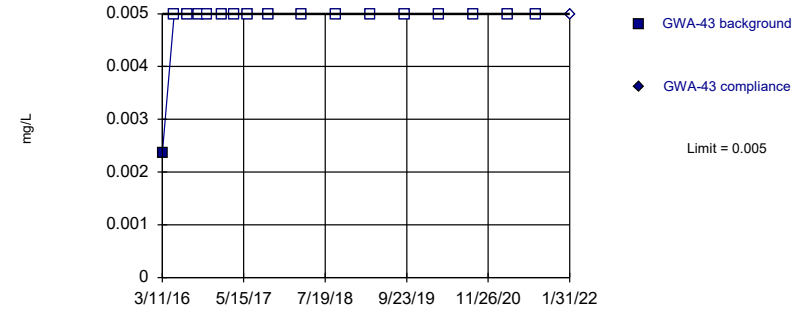


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

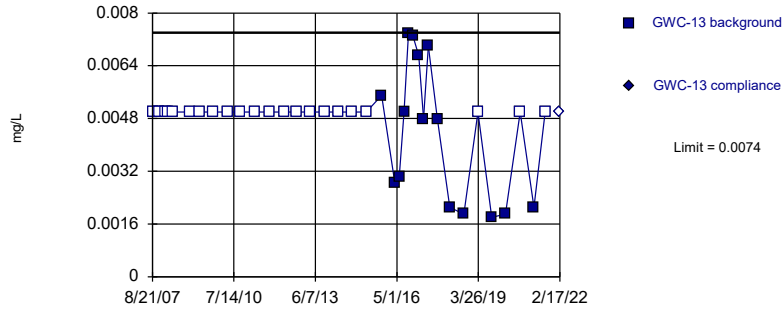


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

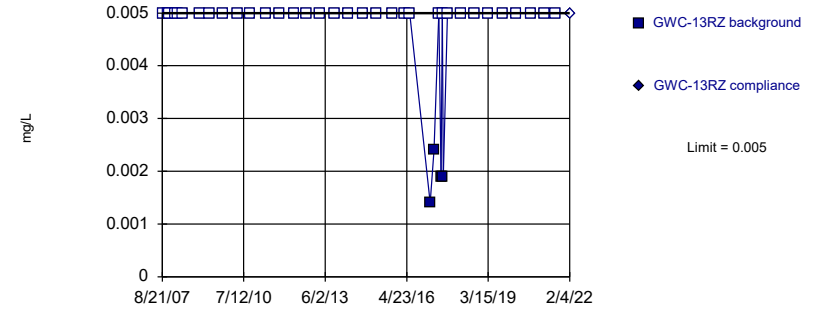


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 60.53% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

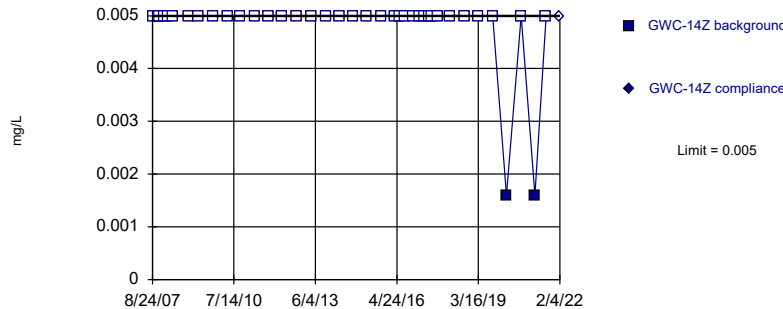


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

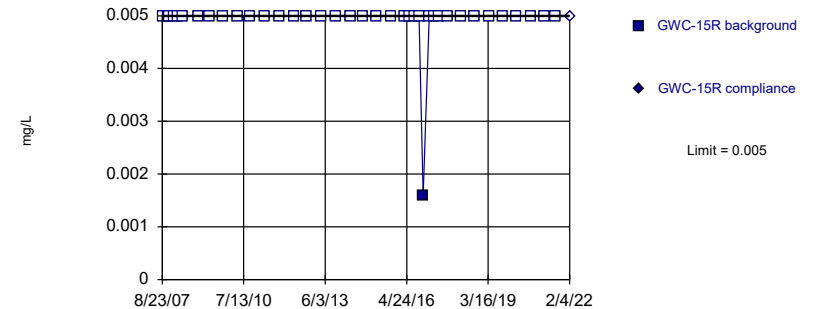


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

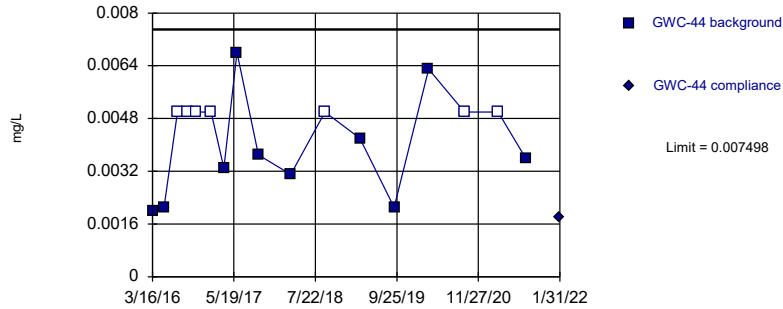


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

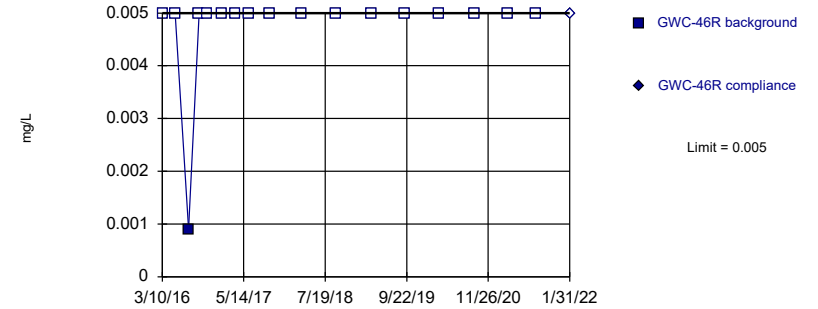


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003418, Std. Dev.=0.001374, n=17, 41.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

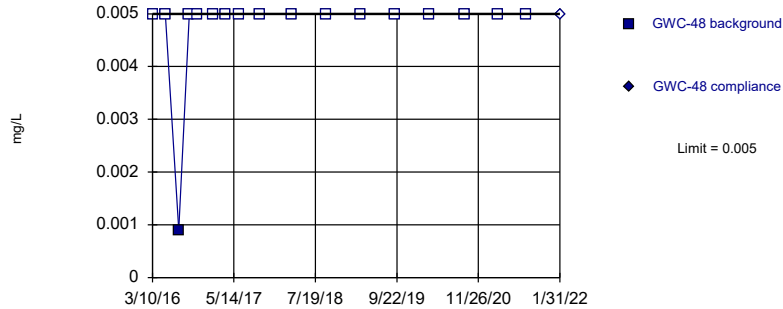


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

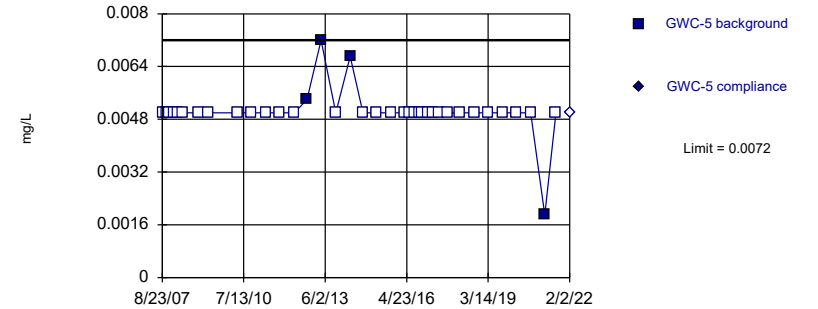


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

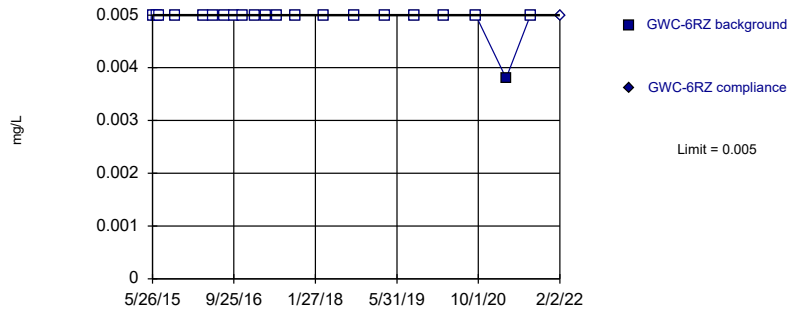


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

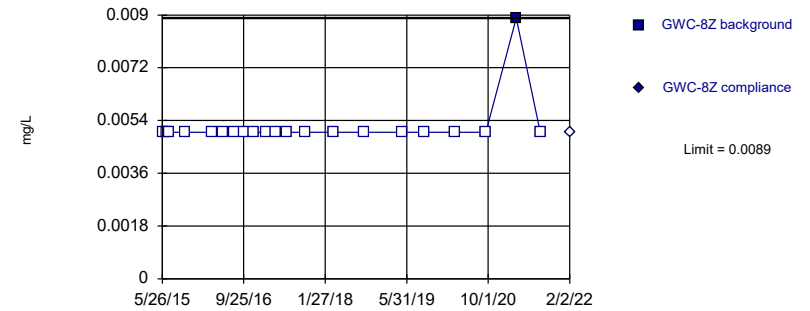


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

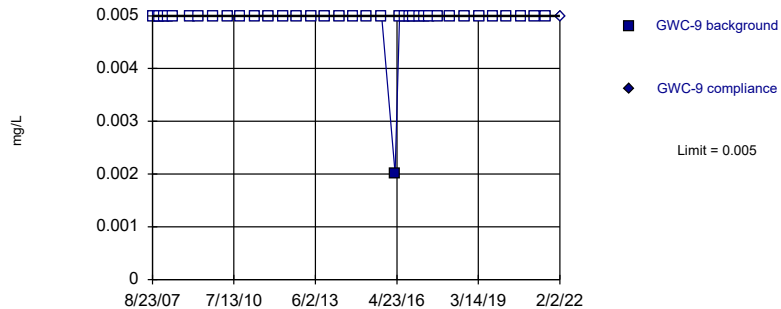


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

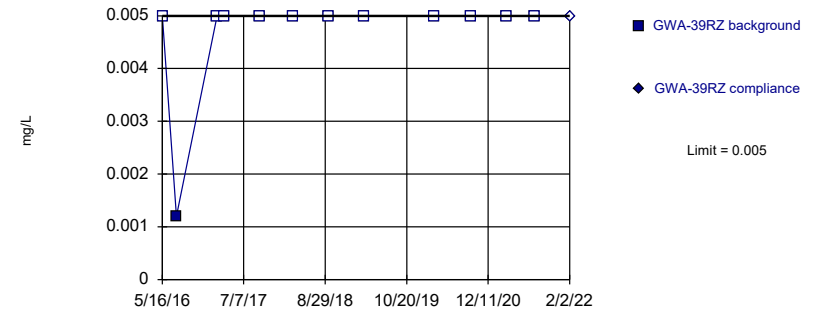


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

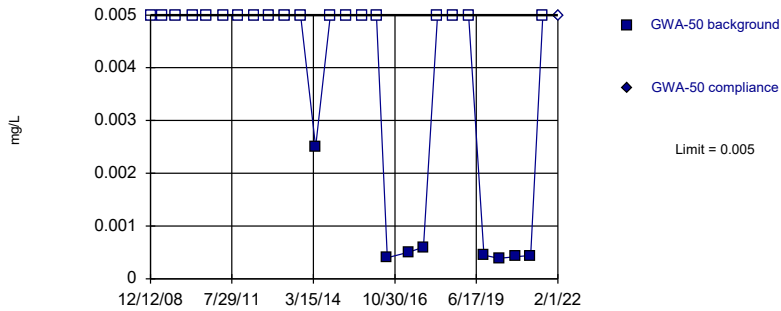


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Silver Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

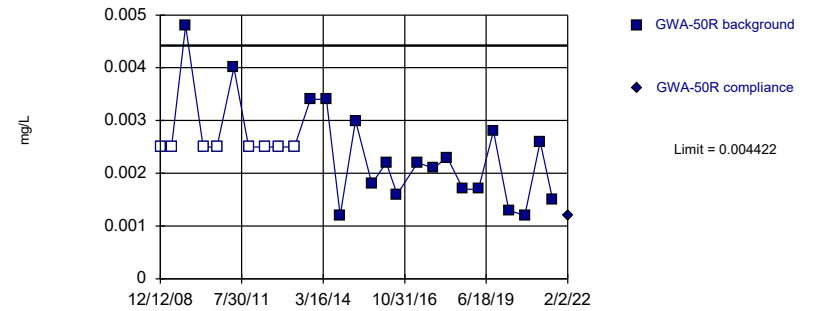


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Silver Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

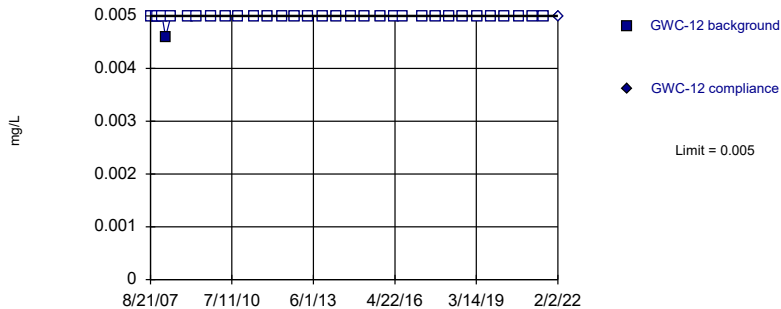


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002051, Std. Dev.=0.0008896, n=27, 29.63% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9195, critical = 0.894. Kappa = 2.666 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Silver Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

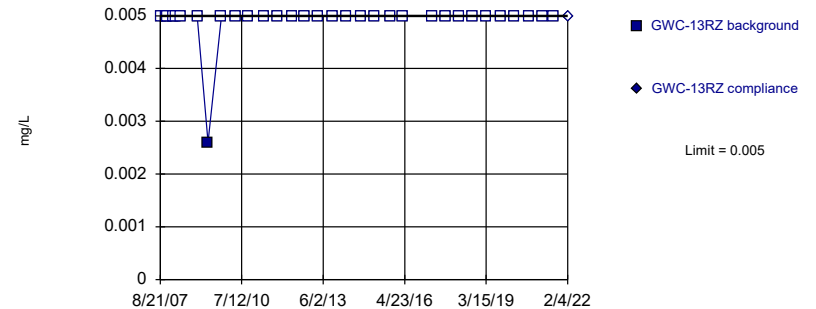


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Silver Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

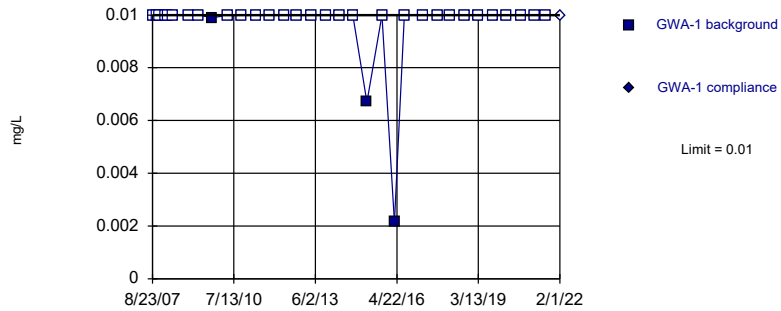


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Silver Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

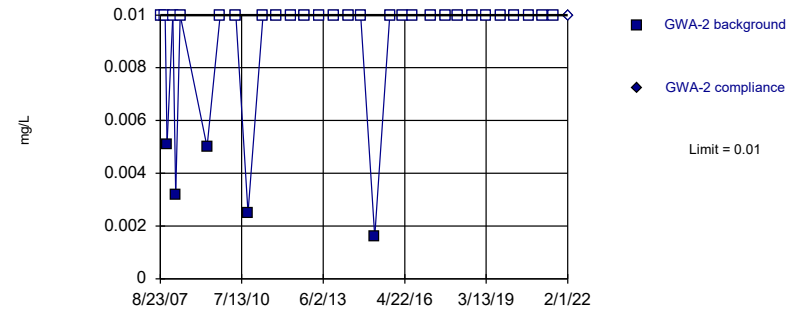


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

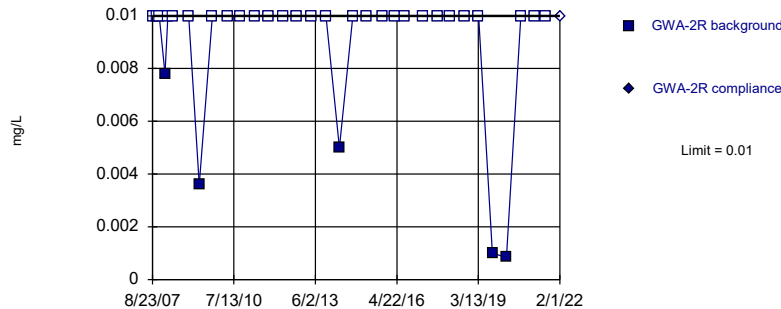


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

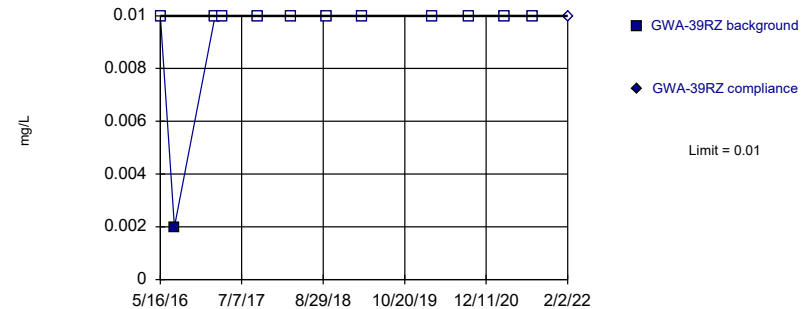


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

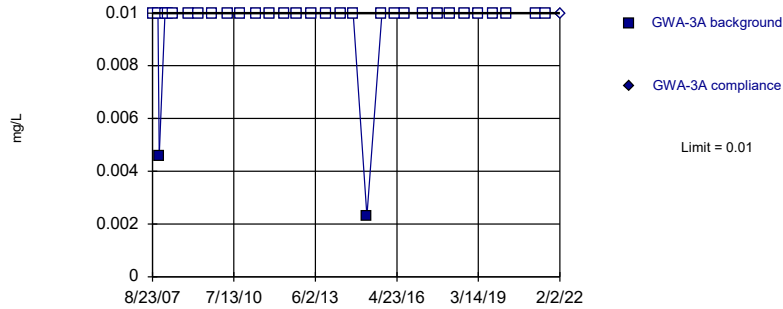


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

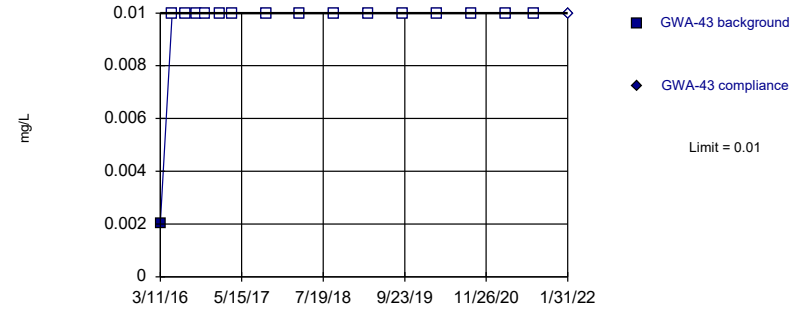


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

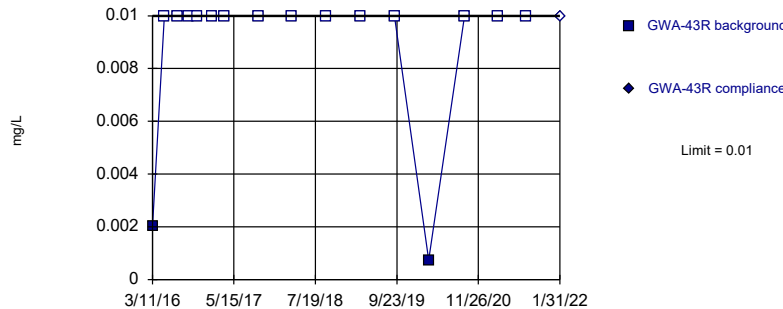


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

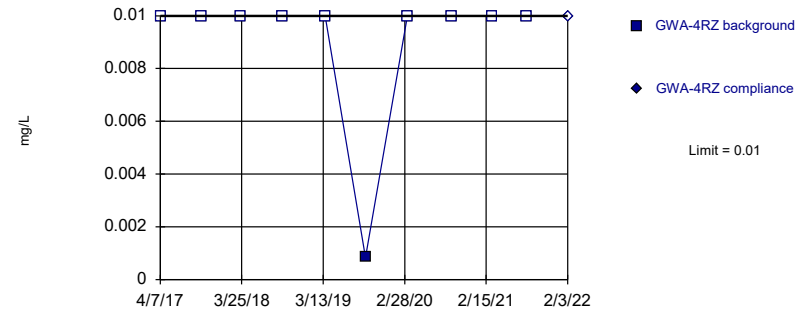


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

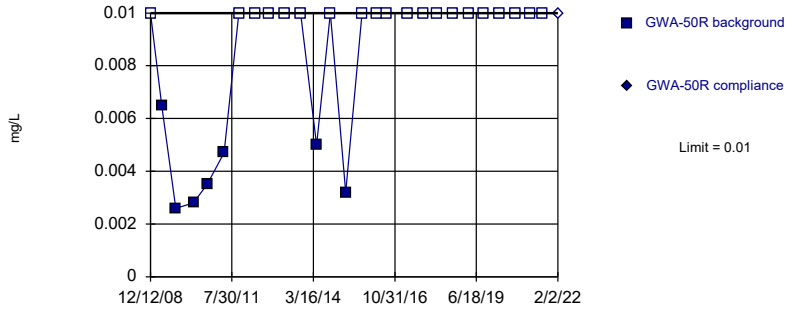


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.0293. Individual comparison alpha = 0.01476 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

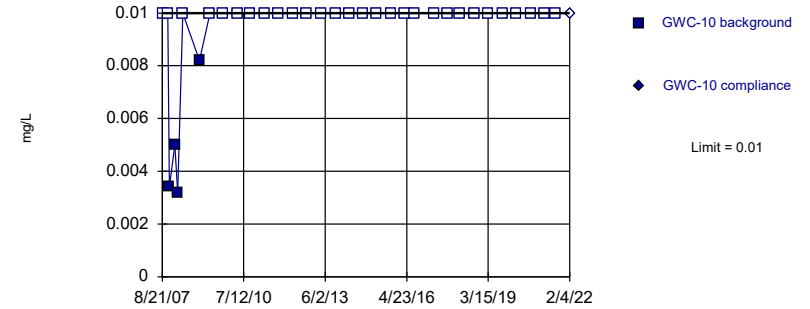


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 74.07% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

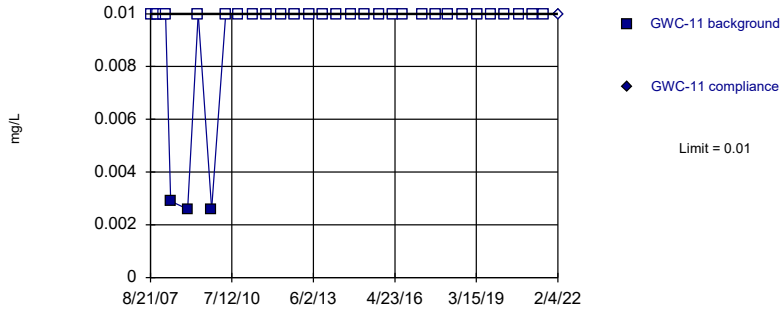


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

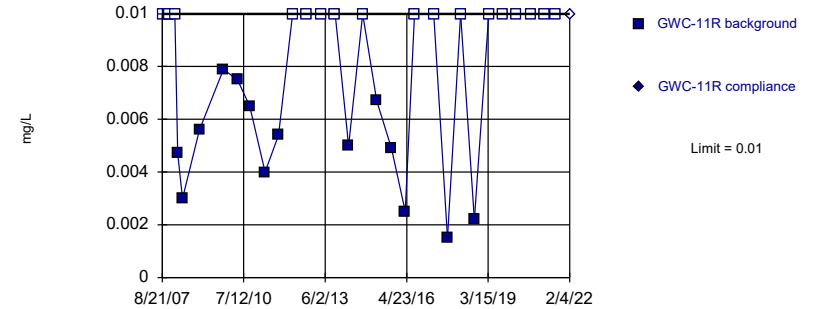


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

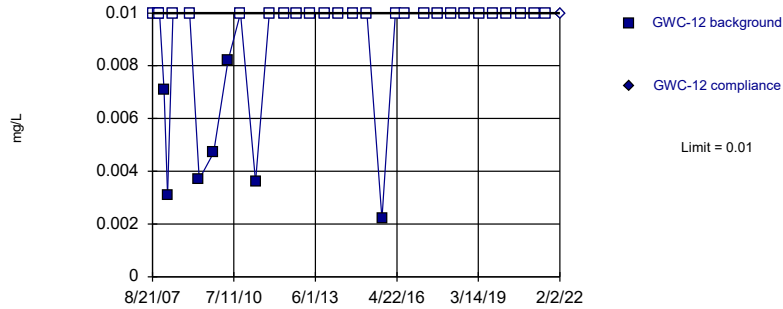


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

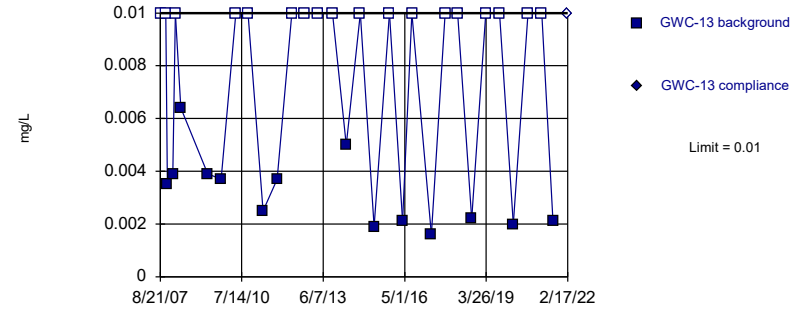


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

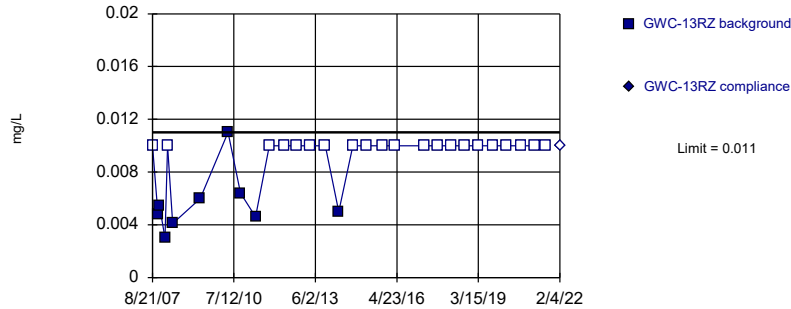


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

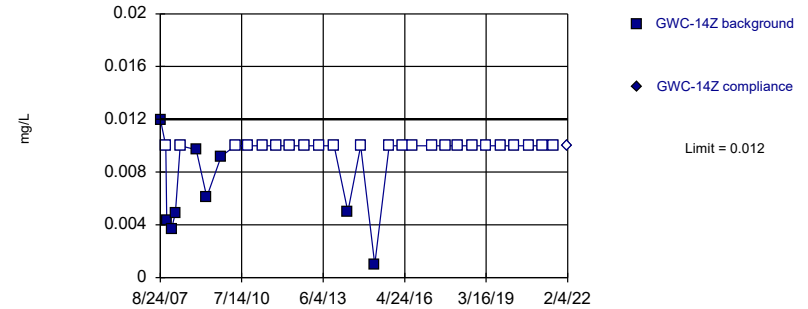


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 70% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 6:59 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

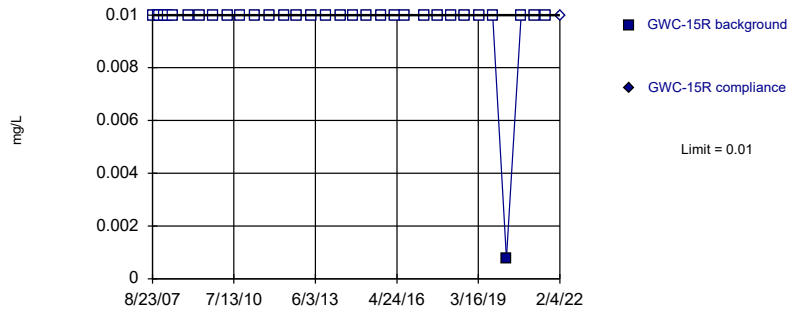


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

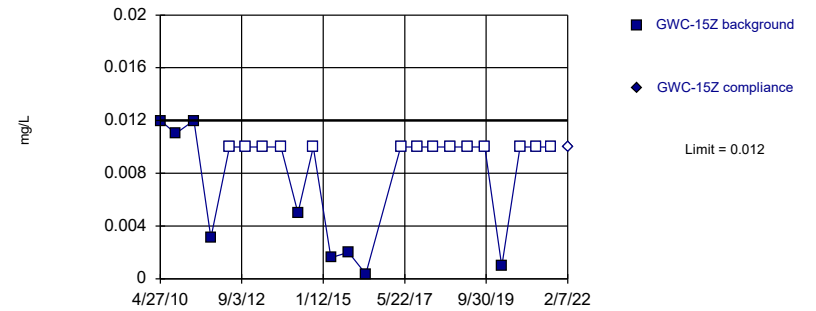


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

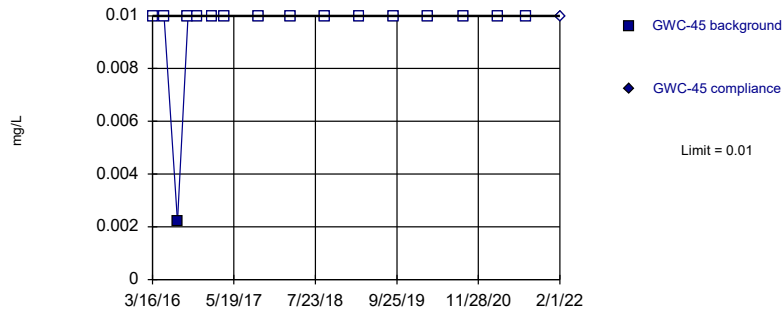


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

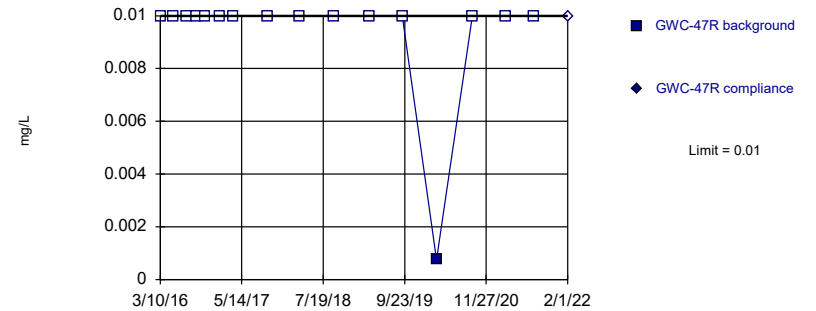


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

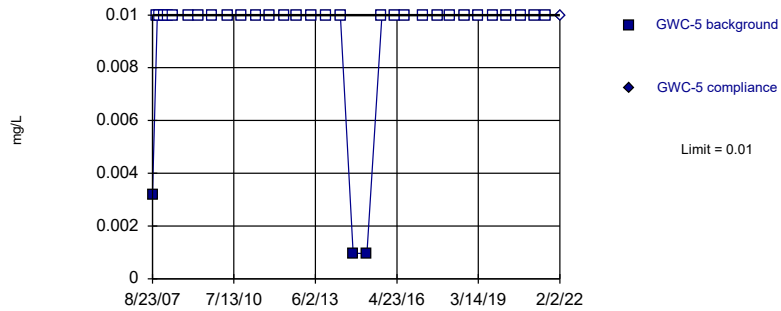


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

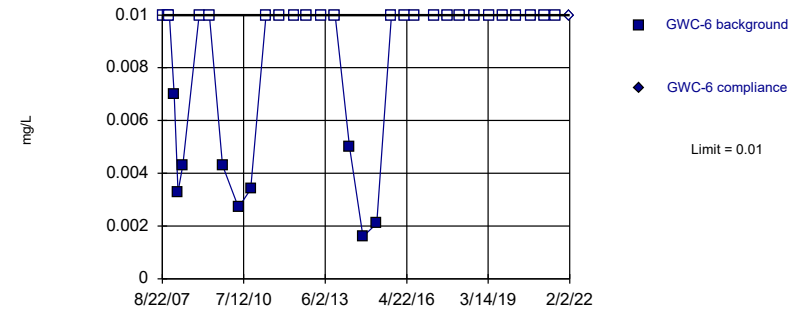


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

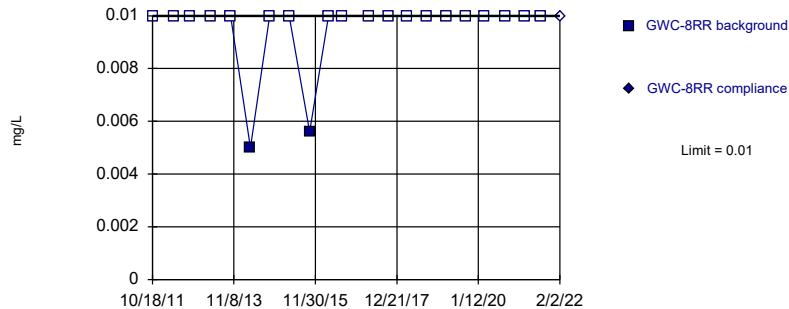


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

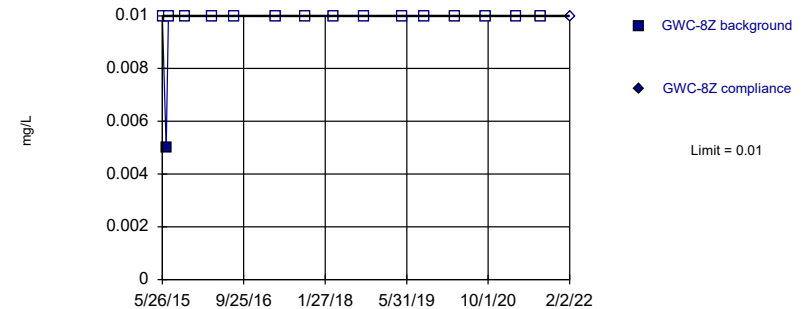


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003991 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

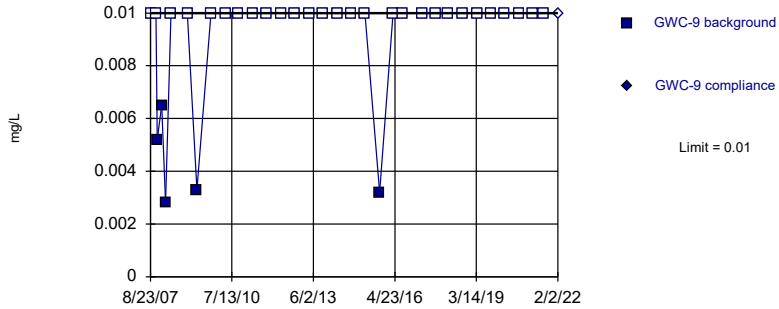


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

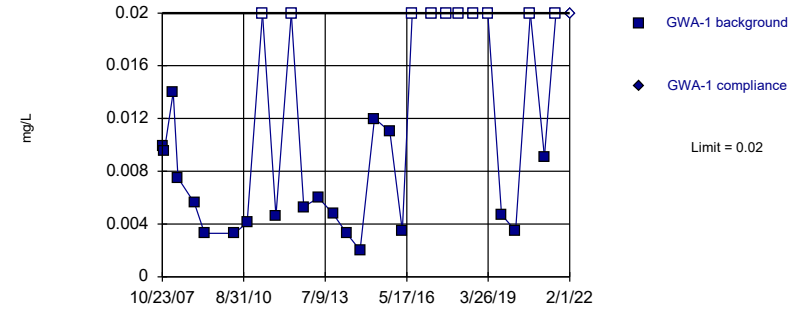


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

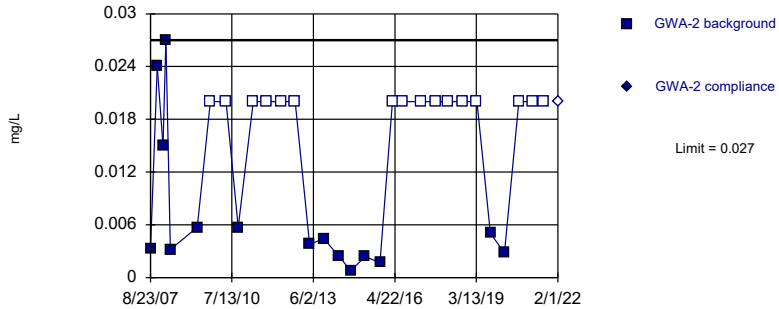


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

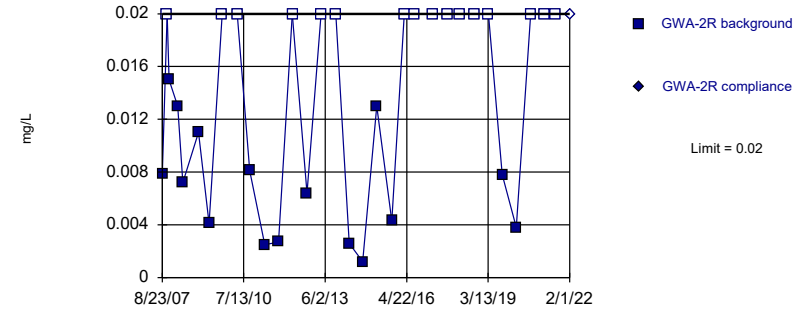


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

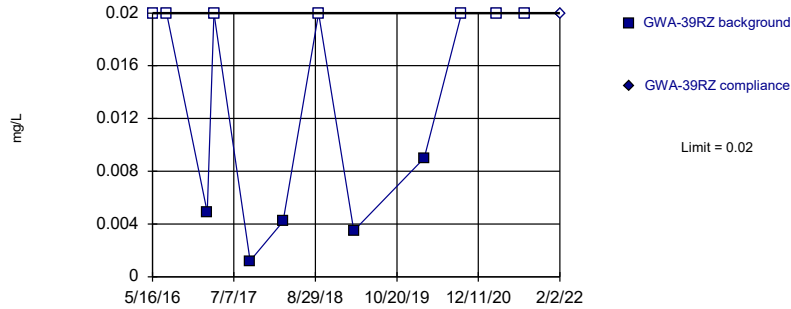


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 50% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

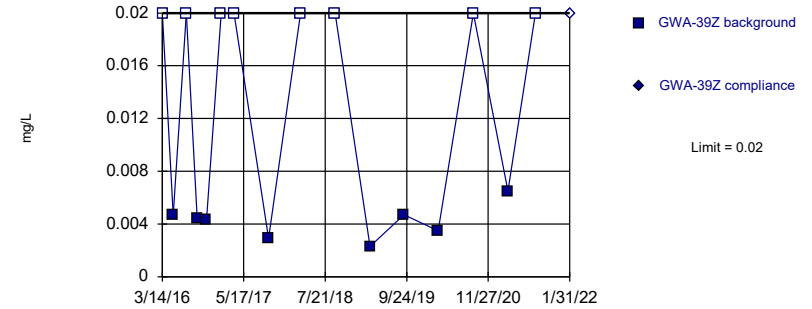


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

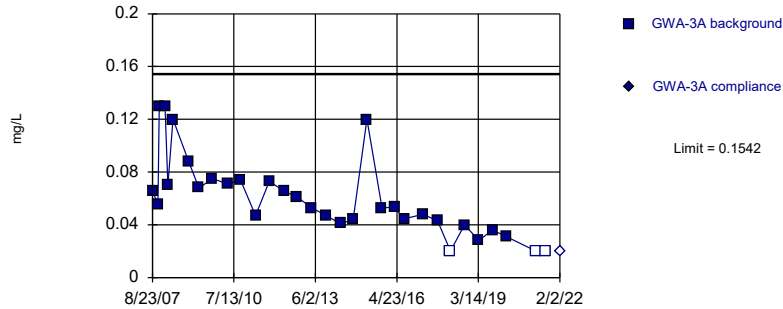


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

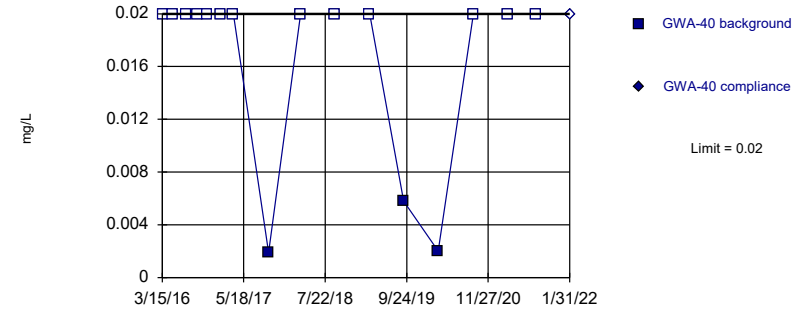


Background Data Summary (based on square root transformation): Mean=0.2389, Std. Dev.=0.05929, n=32, 9.375% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9426, critical = 0.904. Kappa = 2.595 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

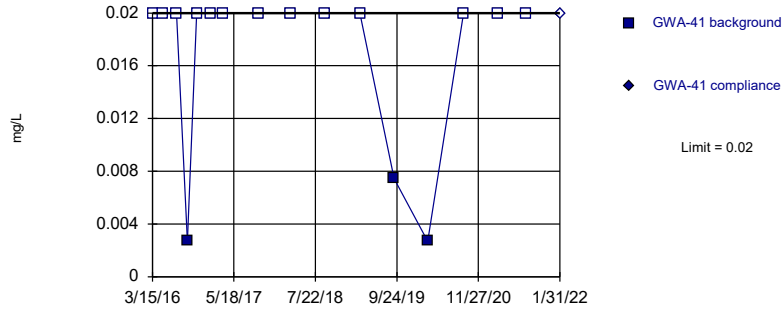


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

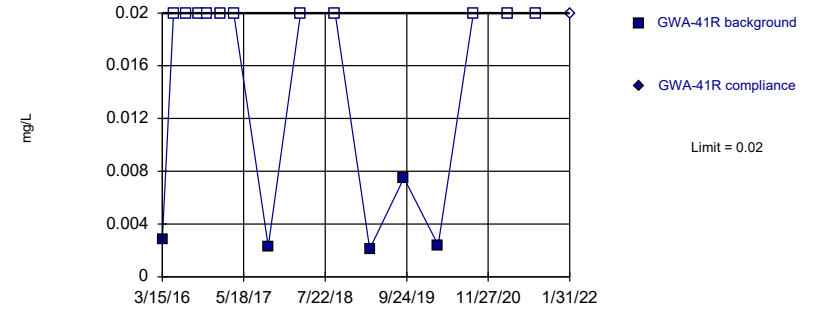


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

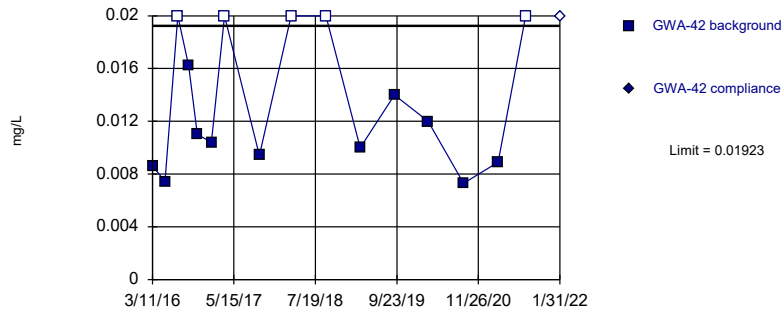


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

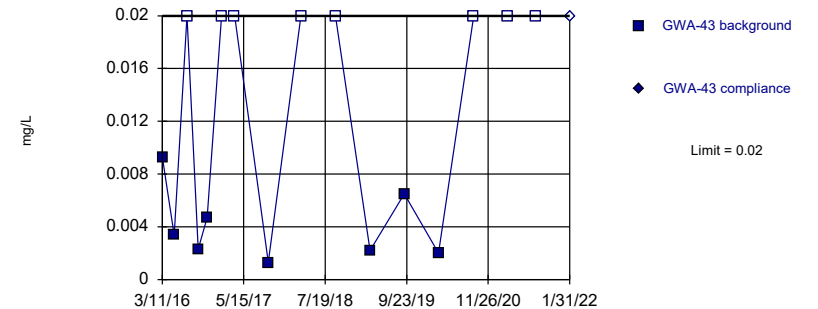


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.1016, Std. Dev.=0.0123, n=16, 31.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8574, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

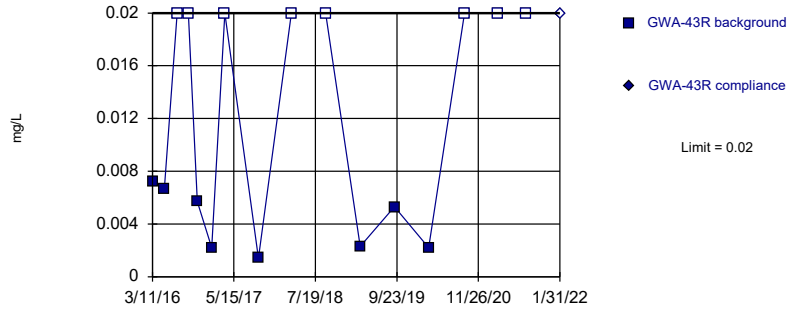


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

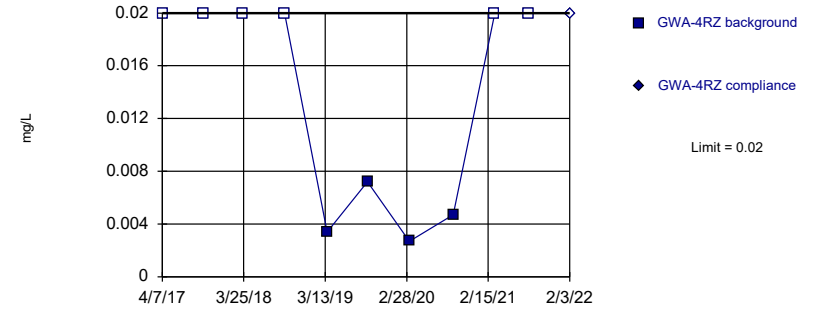


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

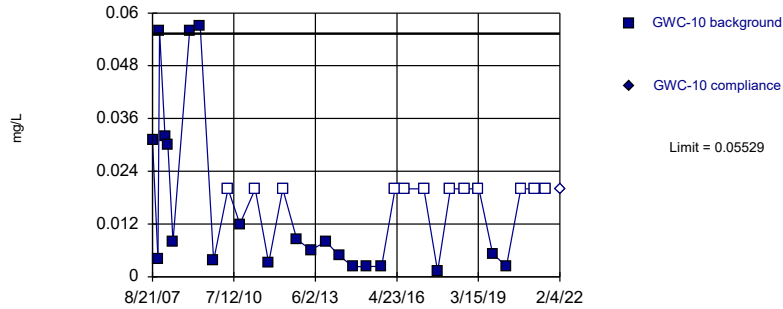
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
Intrawell Parametric

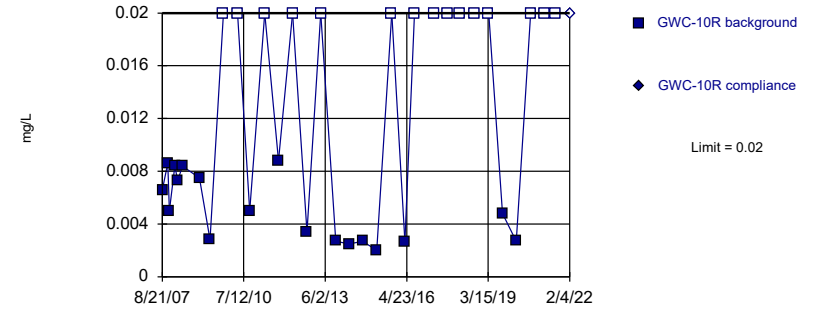


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1855, Std. Dev.=0.07566, n=33, 36.36% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9194, critical = 0.906. Kappa = 2.584 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

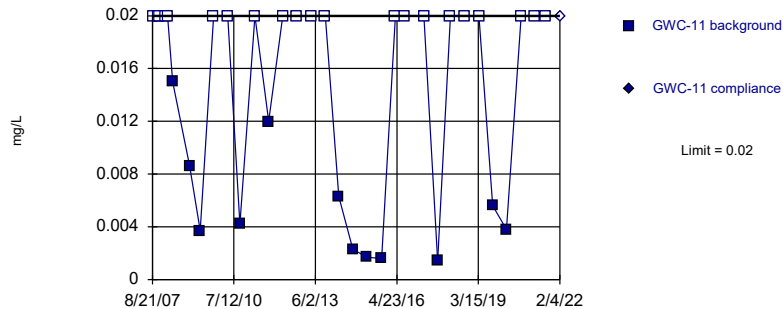


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 45.45% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

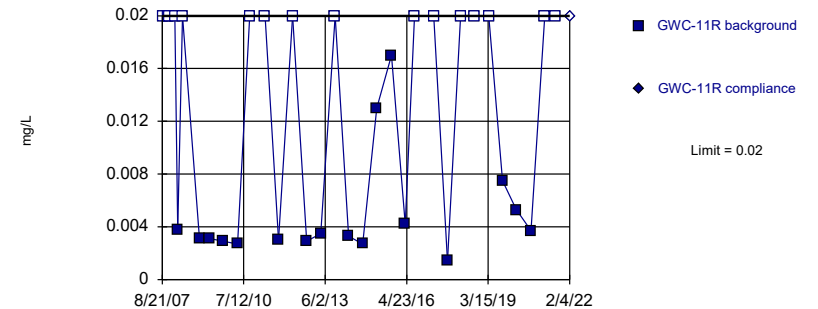


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

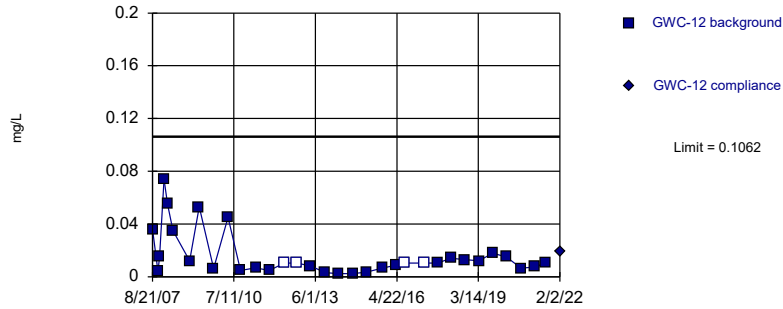


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 48.48% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

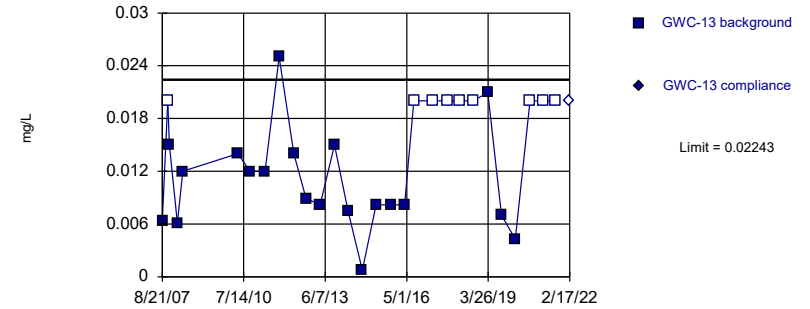


Background Data Summary (based on natural log transformation): Mean=-4.535, Std. Dev.=0.8873, n=33, 12.12% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9496, critical = 0.906. Kappa = 2.584 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

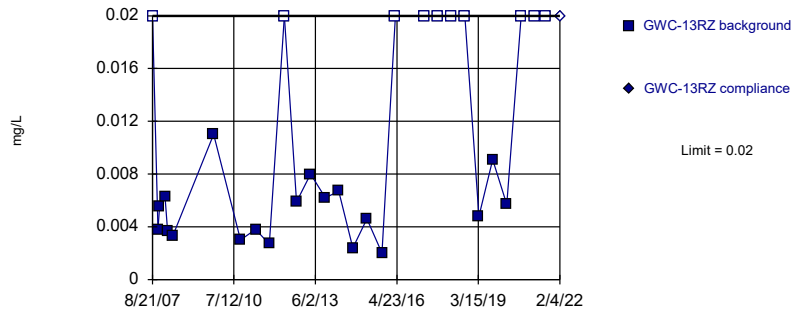


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00862, Std. Dev.=0.005244, n=29, 31.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9172, critical = 0.898. Kappa = 2.633 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

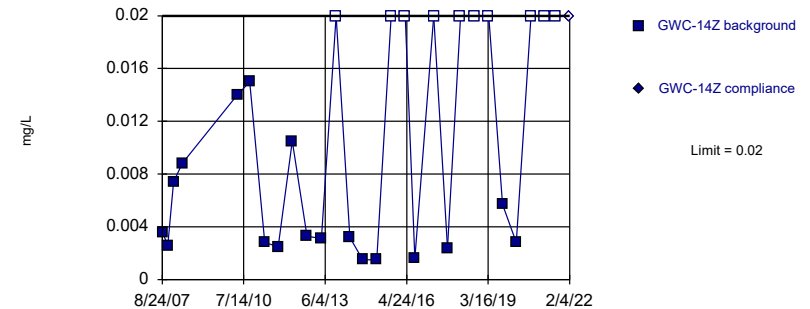


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 34.48% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

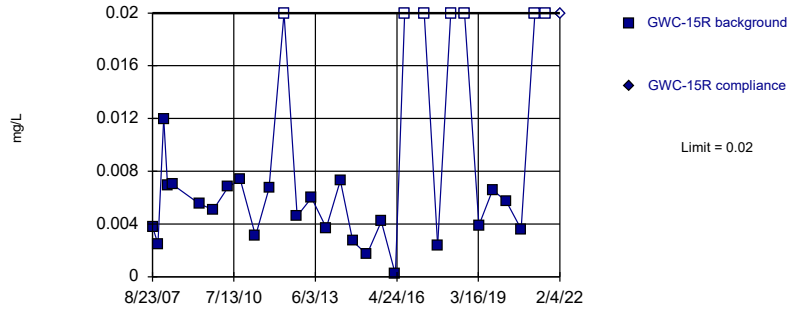


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 35.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

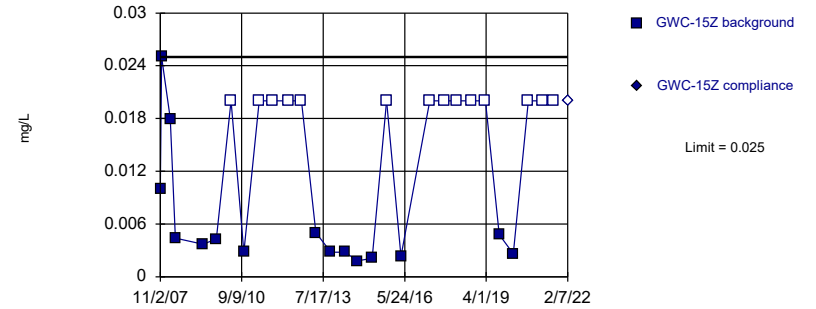


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 22.58% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

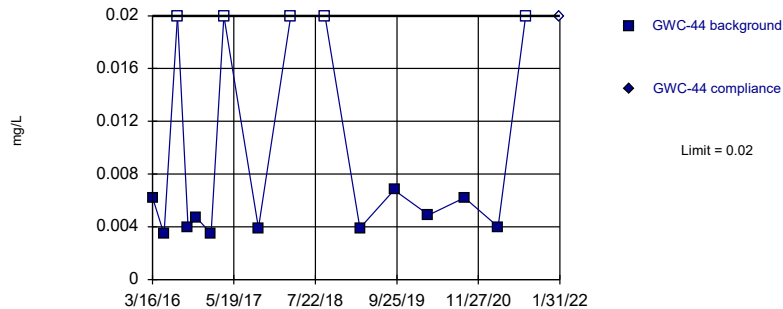


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 48.28% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

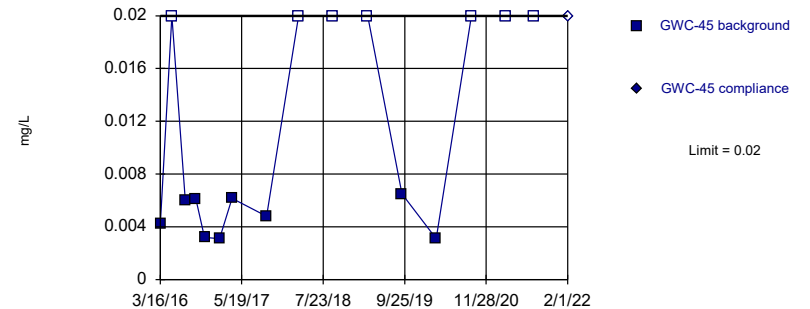


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 31.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

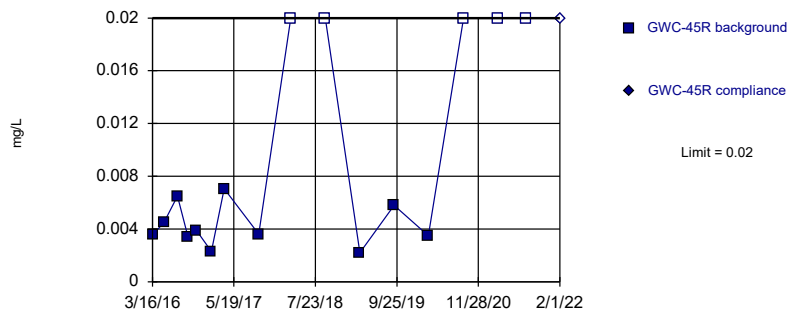


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

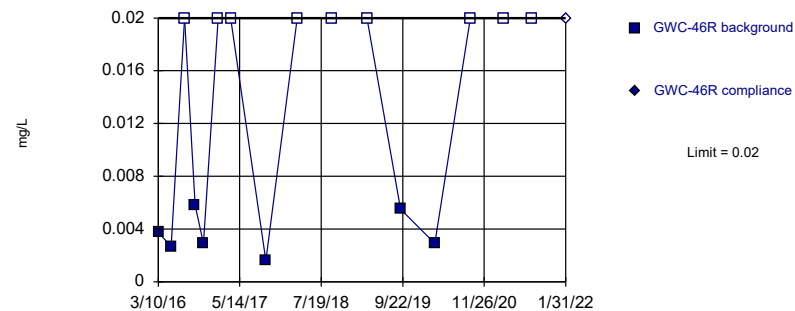


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 31.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

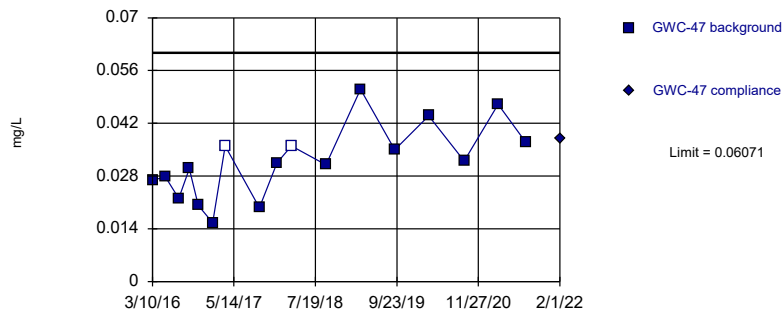


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

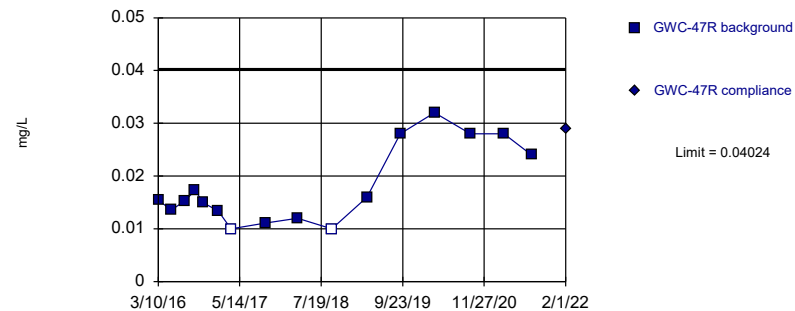


Background Data Summary: Mean=0.03192, Std. Dev.=0.009697, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9725, critical = 0.851. Kappa = 2.968 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

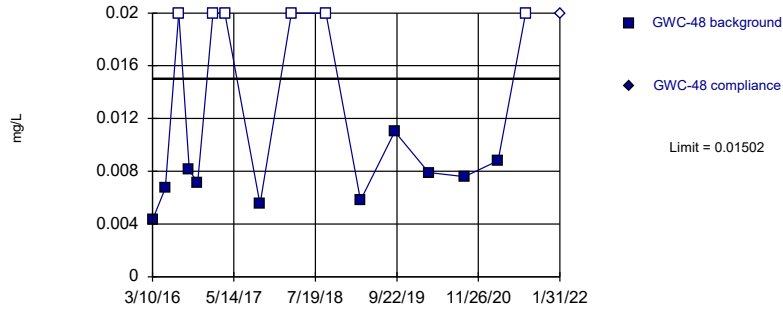


Background Data Summary: Mean=0.01806, Std. Dev.=0.007359, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8569, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

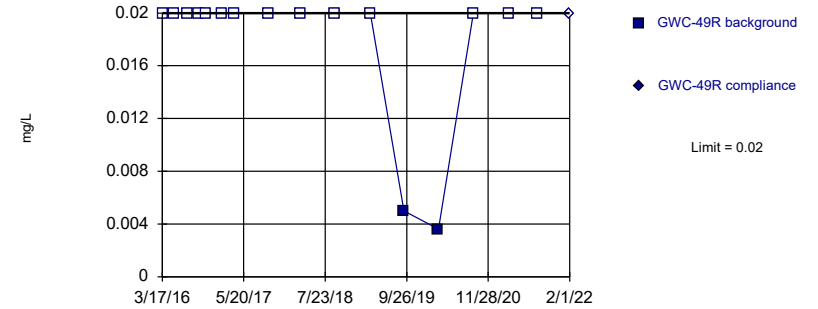


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-4.953, Std. Dev.=0.2504, n=16, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8459, critical = 0.844. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

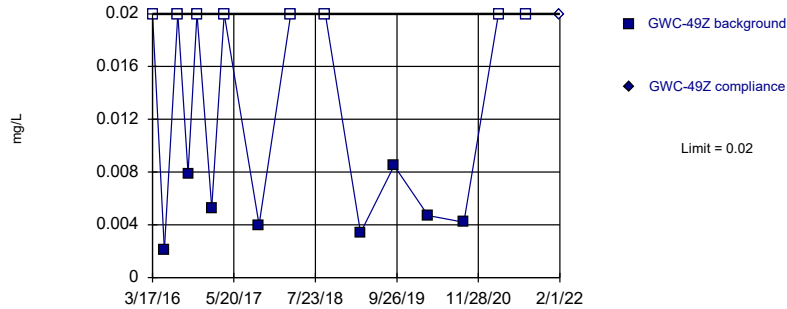


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

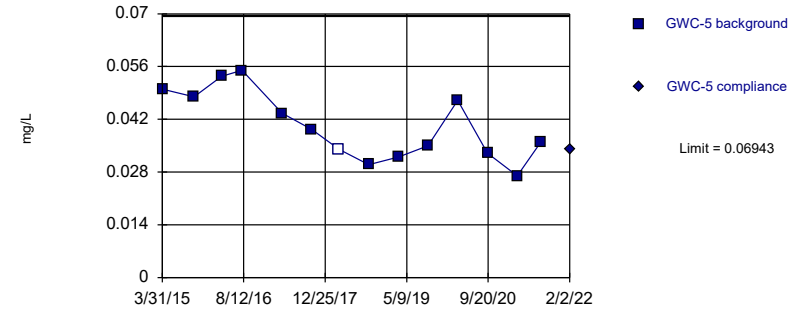


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

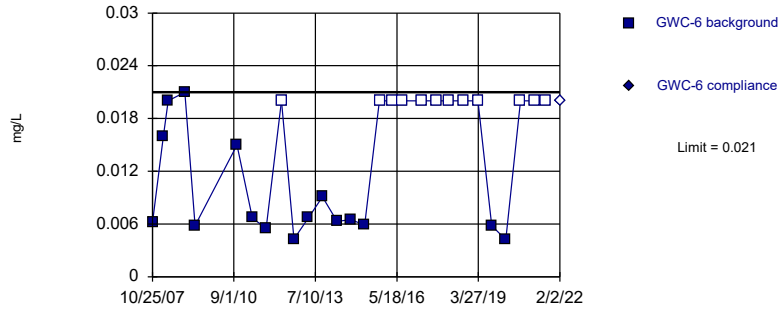


Background Data Summary: Mean=0.04024, Std. Dev.=0.009154, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.825. Kappa = 3.189 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

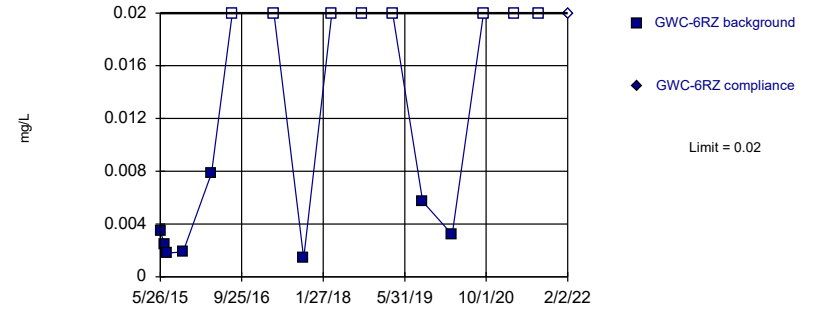


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Non-parametric

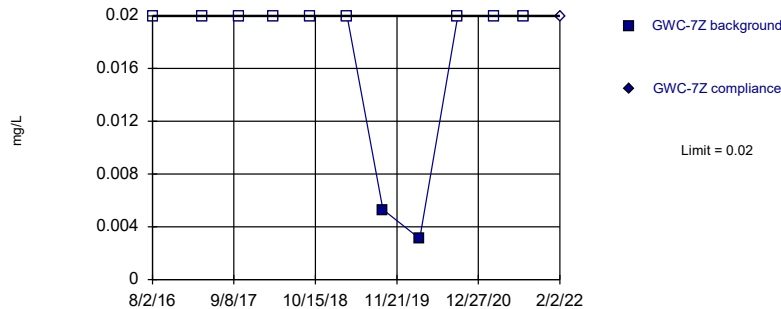


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

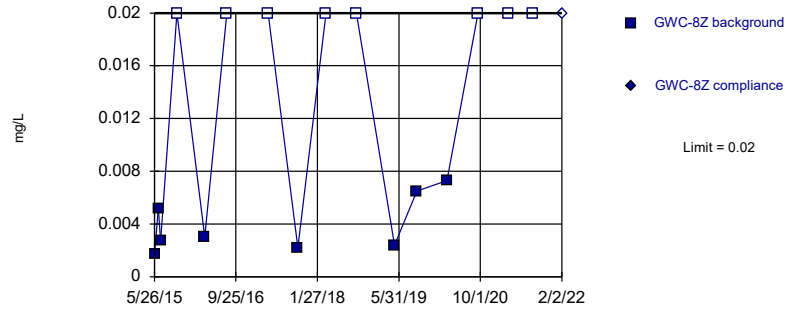
Within Limit

Prediction Limit Intrawell Non-parametric



Within Limit

Prediction Limit
 Intrawell Non-parametric

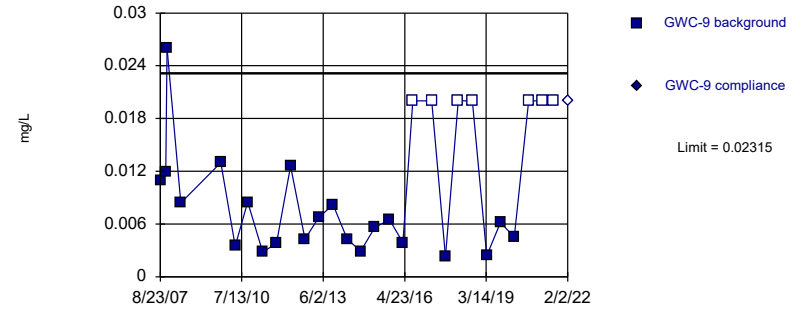


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 50% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1828, Std. Dev.=0.03884, n=29, 24.14% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9076, critical = 0.898. Kappa = 2.633 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 4/1/2022 7:00 PM View: Appendix I Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.003	
10/23/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/7/2009	<0.003	
5/3/2010	<0.003	
10/12/2010	<0.003	
4/27/2011	<0.003	
10/17/2011	0.0054	
5/2/2012	<0.003	
10/8/2012	<0.003	
4/12/2013	0.0058	
10/16/2013	0.01	
4/11/2014	0.005 (J)	
9/30/2014	0.0068	
3/30/2015	0.0074	
10/13/2015	0.017 (O)	
3/22/2016	0.00567	
5/19/2016	0.00319	
7/29/2016	0.0025 (J)	
9/23/2016	0.0051	
11/9/2016	0.0097 (J)	
1/30/2017	0.0032	
3/30/2017	0.0028 (J)	
6/9/2017	<0.003	
10/2/2017	0.0014 (J)	
3/16/2018	0.0014 (J)	
9/17/2018	0.00105 (JD)	
3/20/2019	<0.003	
9/12/2019	0.0037	
3/11/2020	0.00079 (J)	
9/15/2020	0.0061	
3/16/2021	0.0014 (J)	
8/9/2021	0.0027 (J)	
2/1/2022		0.0028 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.003	
10/24/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/4/2008	<0.003	
4/21/2009	<0.003	
10/8/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	0.0053	
10/9/2012	<0.003	
4/11/2013	0.0075	
10/16/2013	<0.003	
4/10/2014	0.0081	
9/30/2014	0.0022 (J)	
3/30/2015	0.011	
10/13/2015	0.0045 (J)	
3/23/2016	0.00281 (J)	
5/19/2016	0.00264 (J)	
7/29/2016	0.0069	
9/22/2016	0.0066	
11/10/2016	<0.003	
1/31/2017	0.0064	
4/3/2017	0.0049	
6/9/2017	<0.003	
10/2/2017	0.0045	
3/16/2018	0.021 (O)	
9/14/2018	0.0054	
3/19/2019	0.0019 (J)	
9/13/2019	0.0044	
3/11/2020	0.002 (J)	
9/15/2020	0.0037	
3/16/2021	0.005	
8/9/2021	0.0033	
2/1/2022		0.0029 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.003 (D)	
7/27/2016	0.0003 (JD)	
2/21/2017	0.0057	
3/27/2017	0.0013 (JD)	
6/8/2017	<0.003 (*)	
7/17/2017	0.005 (D)	
7/27/2017	0.0033	
8/9/2017	0.0012 (J)	
9/29/2017	0.0013 (JD)	
3/16/2018	0.0078	
9/14/2018	0.0056	
3/14/2019	0.014 (O)	
3/9/2020	0.0013 (J)	
9/16/2020	0.0028 (J)	
3/16/2021	0.00041 (J)	
8/6/2021	<0.003	
2/2/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.003	
5/11/2016	0.000839 (J)	
7/19/2016	0.0024 (J)	
9/15/2016	0.0009 (J)	
11/2/2016	0.001 (J)	
1/18/2017	0.0017 (J)	
3/28/2017	0.0006 (J)	
6/7/2017	0.0003 (J)	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/15/2019	<0.003	
9/9/2019	0.00079 (J)	
3/9/2020	0.0011 (J)	
9/10/2020	0.0003 (J)	
3/12/2021	0.0039	
8/4/2021	0.00083 (J)	
1/31/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.003	
11/2/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/11/2008	<0.003	
5/14/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/8/2009	<0.003	
4/28/2010	<0.003	
10/6/2010	<0.003	
4/21/2011	<0.003	
10/13/2011	<0.003	
5/1/2012	<0.003	
10/9/2012	<0.003	
4/11/2013	<0.003	
10/16/2013	<0.003	
4/23/2014	<0.003	
10/4/2014	0.0031 (J)	
3/31/2015	0.0068	
10/12/2015	<0.003	
3/23/2016	0.0035	
5/23/2016	<0.003	
7/29/2016	0.0029 (J)	
9/22/2016	0.0041	
11/10/2016	0.0048 (J)	
1/31/2017	<0.003	
3/30/2017	0.001 (J)	
6/12/2017	<0.003	
10/4/2017	0.0009 (J)	
3/19/2018	0.0019 (J)	
9/17/2018	0.0011 (J)	
3/20/2019	0.0019 (J)	
9/13/2019	0.0013 (J)	
3/11/2020	0.0045	
3/29/2021	<0.003	
8/9/2021	<0.003	
2/2/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.003	
5/11/2016	<0.003	
7/21/2016	<0.003	
9/15/2016	<0.003	
11/3/2016	0.0021 (J)	
1/17/2017	<0.003	
3/24/2017	<0.003	
5/24/2017	<0.003	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/9/2019	<0.003	
3/9/2020	<0.003	
9/11/2020	<0.003	
3/10/2021	<0.003	
8/4/2021	<0.003	
1/31/2022		0.0014 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.003	
5/12/2016	<0.003	
7/20/2016	<0.003	
9/15/2016	<0.003	
11/3/2016	<0.003	
1/18/2017	<0.003	
3/24/2017	<0.003	
6/6/2017	<0.003	
9/25/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/14/2019	<0.003	
9/10/2019	<0.003 (D)	
3/6/2020	<0.003	
9/10/2020	<0.003	
3/11/2021	0.00038 (J)	
8/4/2021	<0.003	
1/31/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.003	
5/13/2016	<0.003	
7/21/2016	<0.003 (*)	
9/21/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	0.0008 (J)	
6/6/2017	<0.003	
9/25/2017	0.0035	
3/14/2018	<0.003	
9/12/2018	0.003	
3/14/2019	<0.003	
9/10/2019	0.0029 (J)	
3/9/2020	0.0037	
9/10/2020	0.0019 (J)	
3/10/2021	0.00037 (J)	
8/4/2021	<0.003	
1/31/2022		0.0011 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.003	
5/16/2016	<0.003	
7/22/2016	0.002 (J)	
9/19/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	<0.003	
6/7/2017	<0.003	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/14/2018	<0.003	
3/14/2019	<0.003	
9/10/2019	<0.003	
3/6/2020	<0.003	
9/10/2020	<0.003	
3/11/2021	<0.003	
8/4/2021	<0.003	
1/31/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003 (*)	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	<0.003	
3/28/2017	<0.003	
6/6/2017	<0.003	
9/22/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/11/2019	<0.003	
3/9/2020	0.00062 (J)	
9/11/2020	<0.003	
3/11/2021	<0.003	
8/6/2021	<0.003	
1/31/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	0.0013 (J)	
3/28/2017	<0.003	
6/6/2017	0.0007 (J)	
9/22/2017	0.0012 (J)	
3/15/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/11/2019	0.00029 (J)	
3/9/2020	0.00037 (J)	
9/14/2020	<0.003	
3/11/2021	0.00074 (J)	
8/5/2021	<0.003	
1/31/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0018 (J)	
4/7/2017	0.0008 (J)	
6/14/2017	0.00205 (D)	
7/12/2017	0.0015 (JD)	
7/20/2017	<0.003 (D)	
7/28/2017	<0.003	
8/9/2017	<0.003	
8/24/2017	0.0007 (J)	
10/3/2017	<0.003 (D)	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/21/2019	<0.003 (D)	
9/12/2019	0.00052 (JD)	
3/12/2020	0.0017 (J)	
9/17/2020	0.00087 (J)	
3/16/2021	0.00082 (J)	
8/10/2021	0.0013 (J)	
2/3/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.003	
4/23/2009	<0.003	
10/6/2009	<0.003	
4/27/2010	<0.003	
9/30/2010	<0.003	
4/14/2011	<0.003	
10/5/2011	<0.003	
4/11/2012	<0.003	
10/2/2012	<0.003	
4/9/2013	<0.003	
10/15/2013	<0.003	
4/10/2014	<0.003	
10/1/2014	<0.003	
3/30/2015	<0.003	
10/11/2015	<0.003	
3/28/2016	0.00139 (J)	
5/23/2016	0.000677 (J)	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/10/2016	<0.003	
1/30/2017	<0.003	
4/7/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/17/2018	<0.003	
3/19/2019	<0.003	
9/13/2019	<0.003	
3/11/2020	0.0005 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/1/2022		0.0015 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.003	
4/23/2009	<0.003	
10/6/2009	<0.003	
5/3/2010	<0.003	
10/11/2010	<0.003	
4/27/2011	<0.003	
10/19/2011	<0.003	
5/1/2012	<0.003	
10/2/2012	<0.003	
4/10/2013	<0.003	
10/16/2013	<0.003	
4/22/2014	<0.003	
10/1/2014	<0.003	
3/30/2015	<0.003	
10/11/2015	<0.003	
3/28/2016	<0.003	
5/25/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/11/2016	<0.003	
1/30/2017	<0.003	
4/3/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/18/2018	<0.003	
3/19/2019	<0.003	
9/12/2019	<0.003	
3/11/2020	<0.003	
9/15/2020	0.00048 (J)	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/2/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.003	
11/1/2007	<0.003	
11/20/2007	<0.003	
1/30/2008	<0.003	
3/6/2008	<0.003	
5/8/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/21/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
10/8/2012	<0.003	
4/3/2013	<0.003	
10/15/2013	<0.003	
4/9/2014	<0.003	
10/2/2014	<0.003	
4/2/2015	<0.003	
10/12/2015	<0.003	
3/31/2016	<0.003	
5/26/2016	0.000659 (J)	
8/3/2016	<0.003	
9/28/2016	0.0037 (O)	
11/22/2016	<0.003	
2/7/2017	<0.003	
4/10/2017	<0.003	
6/14/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/22/2019	<0.003	
9/17/2019	<0.003	
3/12/2020	<0.003	
9/17/2020	<0.003	
3/18/2021	<0.003	
8/11/2021	<0.003	
2/4/2022		0.0016 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.003	
11/1/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/22/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
10/3/2012	<0.003	
4/3/2013	<0.003	
10/9/2013	<0.003	
4/2/2014	<0.003	
10/2/2014	<0.003	
4/1/2015	<0.003	
10/11/2015	<0.003	
4/4/2016	<0.003	
5/26/2016	0.000722 (J)	
8/3/2016	<0.003	
9/28/2016	<0.003	
11/22/2016	<0.003	
2/8/2017	<0.003	
4/10/2017	<0.003	
6/15/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/23/2019	0.00094 (J)	
9/17/2019	0.00041 (J)	
3/12/2020	0.0013 (J)	
9/21/2020	0.00091 (J)	
3/19/2021	0.00032 (J)	
8/11/2021	<0.003	
2/4/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.003	
11/1/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/6/2008	<0.003	
5/7/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/22/2009	<0.003	
4/21/2010	<0.003	
9/29/2010	<0.003	
4/13/2011	<0.003	
10/4/2011	<0.003	
4/4/2012	<0.003	
10/3/2012	<0.003	
4/3/2013	<0.003	
10/9/2013	<0.003	
4/2/2014	<0.003	
10/2/2014	0.0044 (J)	
4/1/2015	0.0087	
10/11/2015	0.007	
4/4/2016	0.00252 (J)	
5/26/2016	0.00351	
8/4/2016	<0.003	
9/28/2016	0.0012 (J)	
11/22/2016	0.0042	
2/8/2017	<0.003	
4/10/2017	<0.003	
6/15/2017	<0.003	
10/4/2017	<0.003	
3/22/2018	<0.003	
9/18/2018	<0.003	
3/23/2019	<0.003	
9/17/2019	0.0013 (J)	
3/12/2020	0.001 (J)	
9/21/2020	0.0053	
3/19/2021	0.012	
5/26/2021	0.0037	
8/11/2021	<0.003	
2/4/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/31/2008	<0.003	
3/5/2008	<0.003	
5/12/2008	<0.003	
12/13/2008	<0.003	
4/28/2009	<0.003	
10/21/2009	<0.003	
4/28/2010	<0.003	
10/5/2010	<0.003	
4/19/2011	<0.003	
10/18/2011	<0.003	
4/25/2012	<0.003	
10/2/2012	<0.003	
4/2/2013	<0.003	
10/8/2013	<0.003	
4/1/2014	<0.003	
10/1/2014	<0.003	
4/1/2015	<0.003	
10/15/2015	<0.003	
4/4/2016	<0.003	
5/31/2016	<0.003	
8/4/2016	<0.003	
9/29/2016	<0.003	
11/28/2016	<0.003	
2/9/2017	<0.003	
4/12/2017	<0.003	
6/16/2017	<0.003	
10/9/2017	<0.003	
3/21/2018	<0.003	
9/19/2018	<0.003	
3/23/2019	<0.003	
9/18/2019	0.0012 (J)	
3/13/2020	0.0023 (J)	
9/22/2020	<0.003	
3/18/2021	0.00078 (J)	
8/11/2021	0.0019 (J)	
2/17/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/31/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/12/2008	<0.003	
4/29/2009	<0.003	
10/21/2009	<0.003	
4/28/2010	<0.003	
10/6/2010	<0.003	
4/20/2011	<0.003	
10/12/2011	<0.003	
4/25/2012	<0.003	
10/2/2012	<0.003	
4/2/2013	0.007 (O)	
10/8/2013	0.01 (O)	
4/1/2014	0.011 (O)	
10/1/2014	0.018 (O)	
3/31/2015	0.011 (O)	
10/14/2015	0.0083 (O)	
4/4/2016	0.00447	
6/1/2016	0.00377	
2/22/2017	0.0044	
4/11/2017	0.0019 (J)	
6/16/2017	<0.003	
7/12/2017	0.0018 (J)	
7/28/2017	0.0011 (J)	
8/10/2017	0.0012 (J)	
10/6/2017	0.0013 (J)	
3/23/2018	0.0015 (J)	
9/20/2018	0.0013 (J)	
3/22/2019	0.0014 (J)	
9/18/2019	0.00077 (X)	
3/17/2020	0.0009 (J)	
9/22/2020	0.00079 (J)	
3/19/2021	0.0011 (J)	
8/12/2021	<0.003	
2/4/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.005	
11/2/2007	<0.003	
11/17/2007	<0.003	
1/15/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/2/2008	<0.003	
4/16/2009	<0.003	
10/20/2009	<0.003	
4/20/2010	<0.003	
9/29/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/4/2012	<0.003	
10/10/2012	<0.003	
4/15/2013	<0.003	
10/22/2013	<0.003	
4/21/2014	<0.003	
9/30/2014	<0.003	
4/3/2015	<0.003	
10/7/2015	<0.003	
4/5/2016	<0.003	
6/1/2016	0.000895 (J)	
8/9/2016	0.0017 (JD)	
11/28/2016	<0.003	
2/9/2017	<0.003	
4/11/2017	<0.003	
6/14/2017	0.0006 (J)	
7/12/2017	<0.003	
10/5/2017	<0.003	
3/22/2018	<0.003	
9/19/2018	<0.003	
3/22/2019	<0.003	
9/17/2019	<0.003	
3/13/2020	0.00053 (J)	
9/21/2020	<0.003	
3/18/2021	<0.003	
8/11/2021	<0.003	
2/4/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.003	
11/2/2007	<0.003	
11/17/2007	<0.003	
1/15/2008	<0.003	
3/6/2008	<0.003	
5/7/2008	<0.003	
12/2/2008	<0.003	
4/28/2009	<0.003	
10/19/2009	<0.003	
4/27/2010	<0.003	
10/4/2010	<0.003	
4/18/2011	<0.003	
10/12/2011	0.0052	
4/23/2012	<0.003	
10/10/2012	<0.003	
4/15/2013	<0.003	
10/22/2013	<0.003	
4/21/2014	0.005 (J)	
9/30/2014	0.0024 (J)	
4/3/2015	0.0072	
10/7/2015	0.0045 (J)	
4/5/2016	0.00727	
5/31/2016	0.00649	
8/4/2016	0.0038	
9/29/2016	0.0106	
11/23/2016	0.0098	
2/10/2017	0.0014 (J)	
4/12/2017	0.0026 (J)	
6/15/2017	<0.003	
10/6/2017	0.0008 (J)	
3/23/2018	0.001 (J)	
9/19/2018	0.0011 (J)	
3/25/2019	<0.003	
9/17/2019	0.0017 (J)	
3/13/2020	0.00056 (J)	
9/21/2020	0.0021 (J)	
3/18/2021	0.00045 (J)	
8/11/2021	<0.003	
2/4/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.003	
11/2/2007	<0.003	
11/18/2007	<0.003	
1/15/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/2/2008	<0.003	
4/28/2009	<0.003	
10/20/2009	<0.003	
4/27/2010	<0.003	
10/5/2010	<0.003	
4/19/2011	<0.003	
10/12/2011	<0.003	
4/25/2012	<0.003	
10/10/2012	<0.003	
4/16/2013	0.0053	
10/22/2013	<0.003	
4/21/2014	0.005 (J)	
9/30/2014	<0.003	
4/3/2015	<0.003	
10/6/2015	0.0025 (J)	
4/5/2016	0.053 (O)	
5/31/2016	0.00088 (J)	
11/23/2016	<0.003	
2/10/2017	<0.003	
4/11/2017	<0.003	
6/15/2017	<0.003	
7/12/2017	<0.003	
7/26/2017	<0.003	
10/6/2017	<0.003	
3/23/2018	0.00089 (J)	
9/19/2018	<0.003	
3/22/2019	<0.003	
9/17/2019	<0.003	
3/13/2020	<0.003	
9/21/2020	<0.003	
3/18/2021	<0.003	
8/11/2021	<0.003	
2/7/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.003 (D)	
5/16/2016	0.00109 (JD)	
7/25/2016	0.00185 (D)	
9/19/2016	<0.003 (D)	
11/4/2016	<0.003 (D)	
1/23/2017	<0.003 (D)	
3/29/2017	0.0018 (JD)	
6/7/2017	0.0009 (J)	
9/27/2017	0.0111 (O)	
12/29/2017	0.0012 (Y)	
3/15/2018	0.00086 (J)	
9/13/2018	0.0029 (J)	
3/14/2019	0.0015 (JD)	
9/11/2019	0.014 (O)	
3/10/2020	0.00087 (J)	
9/11/2020	0.0076	
12/15/2020	0.0014 (J)	
3/11/2021	0.00062 (J)	
8/6/2021	0.0017 (J)	
2/1/2022		0.002 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.00426 (D)	
5/16/2016	0.00267 (JD)	
7/25/2016	0.0017 (JD)	
9/19/2016	<0.003 (D)	
11/3/2016	0.0017 (JD)	
1/20/2017	0.001 (JD)	
3/29/2017	0.001 (JD)	
6/7/2017	0.0009 (J)	
9/27/2017	0.0012 (J)	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/14/2019	<0.003 (D)	
9/11/2019	<0.003 (D)	
3/10/2020	<0.003	
9/11/2020	0.00043 (J)	
3/11/2021	<0.003	
8/6/2021	<0.003	
2/1/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.003	
5/17/2016	<0.003	
7/26/2016	<0.003	
9/20/2016	0.001 (J)	
11/4/2016	<0.003	
1/20/2017	<0.003	
3/28/2017	<0.003	
6/7/2017	<0.003	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/18/2019	<0.003	
9/11/2019	<0.003	
3/10/2020	<0.003	
9/14/2020	<0.003	
3/11/2021	<0.003	
8/5/2021	<0.003	
1/31/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.003	
5/18/2016	<0.003	
7/27/2016	0.0006 (J)	
9/20/2016	<0.003	
11/7/2016	<0.003	
1/23/2017	<0.003	
3/29/2017	<0.003	
6/8/2017	<0.003	
9/27/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/15/2019	<0.003	
9/12/2019	<0.003	
3/9/2020	0.00032 (J)	
9/14/2020	<0.003	
3/11/2021	<0.003	
8/5/2021	<0.003	
2/1/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.003	
5/18/2016	0.000987 (J)	
7/27/2016	0.0008 (J)	
9/20/2016	0.0012 (J)	
11/4/2016	0.001 (J)	
1/20/2017	0.0013 (J)	
3/29/2017	0.0004 (J)	
6/8/2017	<0.003 (*)	
9/27/2017	<0.003	
3/16/2018	<0.003	
9/13/2018	<0.003	
3/19/2019	<0.003	
9/11/2019	0.00099 (J)	
3/9/2020	0.00056 (J)	
9/15/2020	0.00053 (J)	
3/11/2021	0.00038 (J)	
8/5/2021	0.00082 (J)	
2/1/2022		0.0024 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.003	
5/17/2016	<0.003	
7/27/2016	0.0006 (J)	
9/20/2016	0.0018 (J)	
11/4/2016	<0.003	
1/23/2017	<0.003	
3/28/2017	<0.003	
6/8/2017	<0.003 (*)	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/15/2019	<0.003	
9/11/2019	<0.003 (D)	
3/9/2020	<0.003	
9/14/2020	<0.003	
3/11/2021	<0.003	
8/4/2021	<0.003	
1/31/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	0.003	
5/18/2016	<0.003	
7/27/2016	0.0023 (J)	
9/21/2016	0.0013 (J)	
11/4/2016	<0.003	
1/24/2017	<0.003	
3/29/2017	<0.003	
6/8/2017	<0.003 (*)	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/18/2019	<0.003	
9/11/2019	0.0032	
3/11/2020	0.0012 (J)	
9/11/2020	0.0011 (J)	
3/15/2021	0.0019 (J)	
8/11/2021	0.0033	
2/1/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.003	
5/18/2016	<0.003	
7/28/2016	<0.003	
9/21/2016	<0.003	
11/7/2016	<0.003 (*)	
1/24/2017	0.0024 (J)	
3/30/2017	0.0011 (J)	
6/9/2017	<0.003 (*)	
9/29/2017	0.0009 (J)	
3/15/2018	0.0012 (J)	
9/14/2018	0.00083 (J)	
3/19/2019	0.0011 (J)	
9/11/2019	0.00065 (J)	
3/9/2020	0.0018 (J)	
9/14/2020	0.0017 (J)	
3/15/2021	0.00086 (J)	
8/5/2021	0.0024 (J)	
2/1/2022		0.00097 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.003	
10/25/2007	<0.003	
11/19/2007	<0.003	
1/23/2008	<0.003	
3/11/2008	<0.003	
5/12/2008	<0.003	
12/11/2008	<0.003	
4/15/2009	<0.003	
10/9/2009	<0.003	
5/4/2010	<0.003	
10/12/2010	<0.003	
4/28/2011	<0.003	
10/19/2011	<0.003	
5/2/2012	<0.003	
10/9/2012	<0.003	
4/11/2013	<0.003	
10/16/2013	<0.003	
4/23/2014	<0.003	
10/3/2014	<0.003	
3/31/2015	<0.003	
10/12/2015	<0.003	
3/28/2016	0.0284 (O)	
5/25/2016	0.000686 (J)	
8/1/2016	<0.003	
9/27/2016	<0.003	
11/11/2016	<0.003	
1/31/2017	<0.003	
4/3/2017	<0.003	
6/12/2017	<0.003	
10/3/2017	<0.003	
3/19/2018	<0.003	
9/17/2018	<0.003	
3/20/2019	<0.003	
9/16/2019	<0.003	
3/16/2020	0.00031 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/2/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.003	
10/25/2007	<0.003	
11/20/2007	<0.003	
1/23/2008	<0.003	
3/11/2008	<0.003	
5/14/2008	<0.003	
12/11/2008	<0.003	
4/23/2009	<0.003	
10/9/2009	<0.003	
5/4/2010	<0.003	
10/11/2010	<0.003	
4/26/2011	<0.003	
10/18/2011	<0.003	
5/2/2012	<0.003	
10/8/2012	<0.003	
4/10/2013	<0.003	
10/8/2013	<0.003	
4/14/2014	<0.003	
10/3/2014	<0.003	
4/1/2015	0.0035 (J)	
10/9/2015	<0.003	
3/29/2016	<0.003	
5/24/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/18/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	0.001 (J)	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/19/2018	<0.003	
9/17/2018	<0.003	
3/21/2019	<0.003	
9/16/2019	<0.003	
3/12/2020	0.00052 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/10/2021	<0.003	
2/2/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.003	
6/18/2015	<0.003 (D)	
7/2/2015	<0.003	
10/9/2015	<0.003	
3/29/2016	0.0364 (O)	
5/24/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/14/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	0.0006 (J)	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/20/2018	<0.003	
9/17/2018	0.0023 (J)	
3/21/2019	<0.003	
9/16/2019	<0.003	
3/12/2020	0.0011 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/10/2021	0.0028 (J)	
2/2/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.003	
8/2/2016	<0.003	
9/27/2016	<0.003	
11/21/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	<0.003	
6/13/2017	<0.003	
7/14/2017	0.0008 (J)	
10/3/2017	<0.003	
3/20/2018	<0.003	
9/18/2018	<0.003	
3/21/2019	<0.003	
9/13/2019	0.002 (J)	
3/12/2020	0.00066 (J)	
9/16/2020	0.0012 (J)	
3/17/2021	0.00099 (J)	
8/10/2021	0.0017 (J)	
2/2/2022		0.00093 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.003	
4/30/2012	<0.003	
10/3/2012	<0.003	
4/8/2013	<0.003	
10/9/2013	<0.003	
4/10/2014	<0.003	
10/2/2014	0.0025 (J)	
4/3/2015	<0.003	
10/8/2015	<0.003	
3/30/2016	<0.003	
5/24/2016	<0.003	
8/2/2016	<0.003	
9/27/2016	<0.003	
11/22/2016	<0.003	
2/6/2017	0.0015 (J)	
4/6/2017	0.0007 (J)	
6/14/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/27/2019	<0.003	
9/16/2019	<0.003 (D)	
3/12/2020	0.00043 (J)	
9/17/2020	0.00082 (J)	
3/17/2021	<0.003	
8/10/2021	0.0015 (J)	
2/2/2022		0.0015 (J)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/15/2008	<0.003	
3/6/2008	<0.003	
5/13/2008	<0.003	
12/12/2008	<0.003	
4/16/2009	<0.003	
10/13/2009	<0.003	
4/21/2010	<0.003	
9/29/2010	<0.003	
4/13/2011	<0.003	
10/5/2011	<0.003	
4/4/2012	<0.003	
10/8/2012	<0.003	
4/8/2013	<0.003	
10/9/2013	<0.003	
4/9/2014	<0.003	
9/30/2014	<0.003	
4/2/2015	<0.003	
10/10/2015	<0.003 (D)	
3/30/2016	<0.003	
5/26/2016	<0.003	
8/5/2016	<0.003	
9/28/2016	<0.003	
11/21/2016	<0.003	
2/6/2017	<0.003	
4/6/2017	<0.003	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/20/2018	0.001 (J)	
9/18/2018	<0.003 (D)	
3/21/2019	<0.003	
9/16/2019	<0.003	
3/12/2020	<0.003	
9/17/2020	<0.003	
3/18/2021	<0.003	
8/10/2021	<0.003	
2/2/2022		<0.003

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	<0.005	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	0.0005 (J)	
10/2/2017	<0.005	
3/16/2018	0.00085 (J)	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	0.0004 (J)	
3/11/2020	0.00088 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	0.012 (O)	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		0.0019 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0056	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	0.0008 (J)	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	0.0007 (J)	
6/9/2017	0.0006 (J)	
10/2/2017	0.0005 (J)	
3/16/2018	0.001 (J)	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00051 (J)	
3/11/2020	0.00044 (J)	
9/15/2020	0.00081 (J)	
3/16/2021	<0.005	
8/9/2021	0.0031 (J)	
2/1/2022		0.0053

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0011 (JD)	
2/21/2017	<0.005	
3/27/2017	0.0007 (JD)	
6/8/2017	0.0007 (JD)	
7/17/2017	0.0005 (JD)	
7/27/2017	<0.005	
8/9/2017	0.0008 (J)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	0.00083 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	<0.005	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	0.0007 (J)	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	0.00043 (J)	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/12/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		0.0021 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	<0.005	
3/29/2021	0.001 (J)	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005	
5/24/2017	<0.005	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	0.00068 (J)	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0012 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	0.0008 (J)	
6/6/2017	<0.005 (*)	
9/25/2017	0.001 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005 (*)	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022		0.0013 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	0.0005 (J)	
6/6/2017	<0.005 (*)	
9/22/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0019 (J)	
4/7/2017	0.0008 (J)	
6/14/2017	0.0006 (JD)	
7/12/2017	<0.005 (D)	
7/20/2017	0.0009 (JD)	
7/28/2017	<0.005	
8/9/2017	0.0011 (J)	
8/24/2017	0.0007 (J)	
10/3/2017	0.0005 (JD)	
3/21/2018	0.0012 (J)	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.0006 (JD)	
3/12/2020	0.0033 (J)	
9/17/2020	0.0011 (J)	
3/16/2021	0.00098 (J)	
8/10/2021	0.0025 (J)	
2/3/2022		0.0034 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.005	
11/1/2007	<0.005	
11/20/2007	0.0079	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.015 (O)	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/7/2017	<0.005	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	0.0006 (J)	
3/20/2018	0.00079 (J)	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		0.0023 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/20/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/8/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/7/2017	<0.005	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		0.0019 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	0.00058 (J)	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		0.0023 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	0.0057	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	0.006	
4/2/2014	0.005 (J)	
10/2/2014	0.0036 (J)	
4/1/2015	0.0077	
10/11/2015	0.0071	
4/4/2016	0.00315 (J)	
5/26/2016	0.00313 (J)	
8/4/2016	0.0032 (J)	
9/28/2016	0.0029 (J)	
11/22/2016	0.0048 (J)	
2/8/2017	0.0022 (J)	
4/10/2017	0.002 (J)	
6/15/2017	0.0014 (J)	
10/4/2017	0.002 (J)	
3/22/2018	0.0022 (J)	
9/18/2018	<0.005	
3/23/2019	0.0016 (J)	
9/17/2019	0.0016 (J)	
3/12/2020	0.0012 (J)	
9/21/2020	0.0012 (J)	
3/19/2021	0.0013 (J)	
8/11/2021	0.0017 (J)	
2/4/2022		0.0035 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/16/2008	0.0086	
3/5/2008	<0.005	
5/13/2008	<0.005	
12/13/2008	0.012	
4/16/2009	0.008	
10/21/2009	0.0081	
10/5/2010	0.0067	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	0.0086	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/9/2013	0.0094	
4/1/2014	0.0097	
10/2/2014	0.0055	
4/1/2015	0.011	
10/14/2015	0.007	
4/4/2016	0.00645	
5/27/2016	0.00692	
8/3/2016	0.0068	
9/30/2016	0.0065	
11/22/2016	0.0066	
2/13/2017	0.0092	
4/11/2017	0.0051	
6/14/2017	0.0056	
10/4/2017	0.0068	
3/22/2018	0.0055	
9/18/2018	0.0064	
3/23/2019	0.0055	
9/17/2019	0.00465 (JD)	
3/12/2020	0.0053	
9/21/2020	0.0065	
3/19/2021	0.0052	
8/11/2021	0.0042 (J)	
2/2/2022		0.0027 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.0096	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	0.0022 (J)	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	0.00124 (J)	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/12/2017	0.001 (J)	
6/16/2017	0.0007 (J)	
10/9/2017	0.0006 (J)	
3/21/2018	0.0013 (J)	
9/19/2018	<0.005	
3/23/2019	0.00067 (J)	
9/18/2019	0.00052 (J)	
3/13/2020	0.00096 (J)	
9/22/2020	0.00098 (J)	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/17/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.02 (O)	
4/29/2009	0.0066	
10/21/2009	<0.005	
4/28/2010	0.016 (O)	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	0.0021 (J)	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	0.00144 (JD)	
6/1/2016	0.0011 (JD)	
2/22/2017	<0.005	
4/11/2017	0.0011 (JD)	
6/16/2017	0.0043 (JD)	
7/12/2017	0.0013 (JD)	
7/28/2017	0.0013 (J)	
8/10/2017	0.0011 (J)	
10/6/2017	0.0013 (JD)	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	0.00097 (J)	
9/18/2019	0.00045 (X)	
3/17/2020	0.00067 (J)	
9/22/2020	0.00086 (J)	
3/19/2021	0.00084 (J)	
8/12/2021	<0.005	
2/4/2022		0.0035 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/5/2008	0.0079	
5/7/2008	<0.005	
12/2/2008	0.014 (O)	
4/16/2009	0.0069	
10/20/2009	0.0054	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
6/1/2016	<0.005	
8/9/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
7/12/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	0.00096 (J)	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		0.0019 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	0.0005 (J)	
6/15/2017	<0.005	
10/6/2017	0.0008 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.00047 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		0.0026 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/15/2008	0.0077	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/2/2008	0.0061	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	0.005 (J)	
9/30/2014	0.0025 (J)	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	0.00105 (J)	
5/31/2016	0.00261 (J)	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	0.0007 (J)	
6/15/2017	<0.005	
7/12/2017	<0.005	
7/26/2017	<0.005	
10/6/2017	0.0009 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.00052 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/7/2022		0.0025 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.0657 (O)	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	0.0009 (J)	
6/5/2017	0.0033 (J)	
9/26/2017	0.0008 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	0.0013 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005 (D)	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	<0.005 (D)	
6/7/2017	<0.005 (*)	
9/27/2017	0.0006 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	0.0004 (J)	
6/7/2017	<0.005 (*)	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	<0.005	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	0.0006 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/12/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0551 (O)	
5/18/2016	0.00127 (J)	
7/27/2016	0.0012 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	0.001 (J)	
9/27/2017	0.0009 (J)	
3/16/2018	<0.005	
9/13/2018	0.00091 (J)	
3/19/2019	<0.005	
9/11/2019	0.00067 (J)	
3/9/2020	0.00051 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	0.0012 (J)	
2/1/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/21/2016	<0.005	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/11/2020	0.00041 (J)	
9/11/2020	<0.005	
3/15/2021	<0.005	
8/11/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.005	
10/25/2007	<0.005	
11/19/2007	<0.005	
1/23/2008	<0.005	
3/11/2008	<0.005	
5/12/2008	<0.005	
12/11/2008	<0.005	
4/15/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/12/2010	<0.005	
4/28/2011	<0.005	
10/19/2011	<0.005	
5/2/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	<0.005	
10/3/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/27/2016	<0.005	
11/11/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0006 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	<0.005	
11/20/2007	<0.005	
1/23/2008	<0.005	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/11/2008	<0.005	
4/23/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	0.014 (O)	
10/11/2010	<0.005	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	<0.005	
10/3/2014	<0.005	
4/1/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/18/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	0.0006 (J)	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	0.00089 (J)	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	0.00071 (J)	
3/12/2020	0.00055 (J)	
9/16/2020	<0.005	
3/17/2021	0.0013 (J)	
8/10/2021	0.0016 (J)	
2/2/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/14/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	0.00038 (J)	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		0.0012 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.005	
8/2/2016	0.0031 (J)	
9/27/2016	0.0028 (J)	
11/21/2016	0.0031 (J)	
2/1/2017	0.0031 (J)	
4/6/2017	0.003 (J)	
6/13/2017	0.0024 (J)	
7/14/2017	0.0029 (J)	
10/3/2017	0.0018 (J)	
3/20/2018	0.0024 (J)	
9/18/2018	<0.005	
3/21/2019	0.00077 (J)	
9/13/2019	0.0017 (J)	
3/12/2020	0.00044 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	0.0013 (J)	
2/2/2022		0.002 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.0029 (J)	
3/30/2016	<0.005	
5/24/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/22/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	0.00077 (J)	
9/18/2018	<0.005	
3/27/2019	<0.005	
9/16/2019	0.0004 (JD)	
3/12/2020	0.00039 (J)	
9/17/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		0.0013 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	<0.005	
5/25/2016	<0.005	
8/2/2016	<0.005	
9/26/2016	<0.005	
11/21/2016	<0.005	
2/3/2017	<0.005	
4/7/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	0.0006 (J)	
9/18/2018	<0.005	
5/6/2019	0.00063 (J)	
9/16/2019	0.00043 (J)	
3/16/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	0.00082 (J)	
8/10/2021	<0.005	
2/2/2022		0.0011 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/15/2008	0.0086	
3/6/2008	<0.005	
5/13/2008	<0.005	
12/12/2008	0.0065	
4/16/2009	<0.005	
10/13/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005 (D)	
3/30/2016	0.0241 (O)	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	0.00044 (J)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		0.0013 (J)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.02	
10/23/2007	0.039	
11/18/2007	0.04 (J)	
1/30/2008	0.04	
3/10/2008	0.033	
5/13/2008	0.03	
12/5/2008	0.0087	
4/15/2009	0.023	
10/7/2009	0.15 (O)	
5/3/2010	0.025	
10/12/2010	0.029	
4/27/2011	0.026	
10/17/2011	0.021	
5/2/2012	0.0212	
10/8/2012	0.019	
4/12/2013	0.022	
10/16/2013	0.02	
4/11/2014	0.018	
9/30/2014	0.013	
3/30/2015	0.021	
10/13/2015	0.012	
3/22/2016	0.0182	
5/19/2016	0.0193	
7/29/2016	0.0174	
9/23/2016	0.0168	
11/9/2016	0.0171	
1/30/2017	0.019	
3/30/2017	0.0184	
6/9/2017	0.0174	
10/2/2017	0.0167	
3/16/2018	0.016	
9/17/2018	0.015 (D)	
3/20/2019	0.019	
9/12/2019	0.018	
3/11/2020	0.016	
9/15/2020	0.019	
3/16/2021	0.018	
8/9/2021	0.019	
2/1/2022		0.015

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0073	
10/24/2007	0.027	
11/18/2007	0.13 (O)	
1/31/2008	0.0077	
3/11/2008	0.015	
5/6/2008	0.017	
12/4/2008	0.14 (O)	
4/21/2009	0.018	
10/7/2009	0.014	
4/26/2010	0.017	
10/4/2010	0.011	
4/13/2011	0.026	
10/5/2011	0.021	
4/11/2012	0.0311	
10/9/2012	0.018	
4/15/2013	0.056	
10/15/2013	0.018	
4/22/2014	0.035	
9/30/2014	0.0041	
3/30/2015	0.036	
10/13/2015	0.0048	
3/23/2016	0.0271	
5/20/2016	0.0206	
7/29/2016	0.0275	
9/23/2016	0.0384	
11/9/2016	0.0266	
1/31/2017	0.0094 (J)	
3/30/2017	0.0262	
6/12/2017	0.0288	
10/2/2017	0.0048 (J)	
3/19/2018	0.037	
9/14/2018	0.0059 (J)	
3/20/2019	0.0072 (J)	
9/12/2019	0.0058 (JD)	
3/11/2020	0.035	
9/15/2020	0.019	
3/17/2021	0.025	
8/9/2021	0.024	
2/1/2022		0.026

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0098	
10/24/2007	0.015	
11/18/2007	0.011	
1/31/2008	0.13 (O)	
3/10/2008	0.0078	
5/13/2008	0.0077	
12/4/2008	0.0089	
4/21/2009	0.013	
10/8/2009	0.008	
4/21/2010	0.01	
9/28/2010	0.0036	
4/12/2011	0.0084	
10/4/2011	0.0066	
4/3/2012	0.0625 (O)	
10/9/2012	0.01	
4/11/2013	0.021	
10/16/2013	0.033	
4/10/2014	0.021	
9/30/2014	0.0062	
3/30/2015	0.011	
10/13/2015	0.0065	
3/23/2016	0.0206	
5/19/2016	0.0109	
7/29/2016	0.007 (J)	
9/22/2016	0.0071 (J)	
11/10/2016	0.0052 (J)	
1/31/2017	0.0076 (J)	
4/3/2017	0.007 (J)	
6/9/2017	0.0074 (J)	
10/2/2017	0.0085 (J)	
3/16/2018	0.015	
9/14/2018	0.0095 (J)	
3/19/2019	0.024	
9/13/2019	0.012	
3/11/2020	0.027	
9/15/2020	0.013	
3/16/2021	0.013	
8/9/2021	0.029	
2/1/2022		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0113 (D)	
7/27/2016	0.0114 (D)	
2/21/2017	0.0178	
3/27/2017	0.0162 (D)	
6/8/2017	0.0156 (D)	
7/17/2017	0.016 (D)	
7/27/2017	0.0184	
8/9/2017	0.0162	
9/29/2017	0.0159 (D)	
3/16/2018	0.016	
9/14/2018	0.015	
3/14/2019	0.018	
3/9/2020	0.017	
9/16/2020	0.027	
3/16/2021	0.014	
8/6/2021	0.014	
2/2/2022		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.01	
5/11/2016	0.00793 (J)	
7/19/2016	0.0045 (J)	
9/15/2016	0.0057 (J)	
11/2/2016	0.0043 (J)	
1/18/2017	<0.01 (*)	
3/28/2017	0.0188	
6/7/2017	0.0273	
9/26/2017	0.0236	
3/14/2018	0.027	
9/12/2018	0.022	
3/15/2019	0.019	
9/9/2019	0.015	
3/9/2020	0.0072 (J)	
9/10/2020	0.0042 (J)	
3/12/2021	0.014	
8/4/2021	0.011	
1/31/2022		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.015 (O)	
11/2/2007	0.017 (O)	
11/18/2007	0.019 (O)	
1/31/2008	0.011 (O)	
3/11/2008	0.016 (O)	
5/14/2008	0.013 (O)	
12/5/2008	0.021 (O)	
4/15/2009	0.012 (O)	
10/8/2009	0.011 (O)	
4/28/2010	0.0081	
10/6/2010	0.0083	
4/21/2011	0.0053	
10/13/2011	0.0071	
5/1/2012	0.0067	
10/9/2012	0.0055	
4/11/2013	0.0061	
10/16/2013	0.0062	
4/23/2014	0.0047	
10/4/2014	0.0055	
3/31/2015	0.0076	
10/12/2015	0.0049	
3/23/2016	0.00742 (J)	
5/23/2016	0.00532 (J)	
7/29/2016	0.0053 (J)	
9/22/2016	0.0058 (J)	
11/10/2016	0.0051 (J)	
1/31/2017	0.0054 (J)	
3/30/2017	0.0049 (J)	
6/12/2017	<0.01	
10/4/2017	0.0047 (J)	
3/19/2018	0.0047 (J)	
9/17/2018	0.0041 (J)	
3/20/2019	0.0042 (J)	
9/13/2019	0.0042 (J)	
3/11/2020	0.0041 (J)	
3/29/2021	0.0073	
8/9/2021	0.0073	
2/2/2022		0.0064

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<3 (O)	
5/11/2016	0.00992 (J)	
7/21/2016	0.009 (J)	
9/15/2016	0.0109	
11/3/2016	0.0115	
1/17/2017	0.0101	
3/24/2017	0.0086 (J)	
5/24/2017	0.0087 (J)	
9/26/2017	0.0075 (J)	
3/14/2018	0.0064 (J)	
9/12/2018	0.0075 (J)	
3/13/2019	0.0076 (J)	
9/9/2019	0.0078 (J)	
3/9/2020	0.0088 (J)	
9/11/2020	0.0079 (J)	
3/10/2021	0.0083	
8/4/2021	0.008	
1/31/2022		0.0081

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	0.0291	
5/12/2016	0.0322	
7/20/2016	0.0313	
9/15/2016	0.0217	
11/3/2016	0.0272	
1/18/2017	0.0286 (J)	
3/24/2017	0.0307	
6/6/2017	0.0242	
9/25/2017	0.0252	
3/14/2018	0.021	
9/12/2018	0.025	
3/14/2019	0.028	
9/10/2019	0.0195 (D)	
3/6/2020	0.022	
9/10/2020	0.024	
3/11/2021	0.024	
8/4/2021	0.021	
1/31/2022		0.022

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.0462	
5/13/2016	0.0265	
7/21/2016	0.0243	
9/21/2016	0.0145	
11/3/2016	0.0082 (J)	
1/17/2017	0.007 (J)	
3/27/2017	0.016	
6/6/2017	0.0301	
9/25/2017	0.0169	
3/14/2018	0.036	
9/12/2018	0.021	
3/14/2019	0.04	
9/10/2019	0.031	
3/9/2020	0.031	
9/10/2020	0.031	
3/10/2021	0.023	
8/4/2021	0.021	
1/31/2022		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.00639 (J)	
5/16/2016	0.00622 (J)	
7/22/2016	0.0062 (J)	
9/19/2016	0.0064 (J)	
11/3/2016	0.0058 (J)	
1/17/2017	0.0061 (J)	
3/27/2017	0.0063 (J)	
6/7/2017	0.0064 (J)	
9/26/2017	0.006 (J)	
3/14/2018	0.0065 (J)	
9/14/2018	0.0065 (J)	
3/14/2019	0.0066 (J)	
9/10/2019	0.0068 (J)	
3/6/2020	0.0066 (J)	
9/10/2020	0.0059 (J)	
3/11/2021	0.0061	
8/4/2021	0.0061	
1/31/2022		0.0063

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0116	
5/13/2016	0.0361	
7/19/2016	0.036	
9/16/2016	0.0259	
11/2/2016	0.037	
1/18/2017	0.0248	
3/28/2017	0.0222	
6/6/2017	0.02	
9/22/2017	0.0179	
3/14/2018	0.016	
9/12/2018	0.017	
3/13/2019	0.014	
9/11/2019	0.015	
3/9/2020	0.012	
9/11/2020	0.024	
3/11/2021	0.0096	
8/6/2021	0.015	
1/31/2022		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00819 (J)	
5/13/2016	0.00756 (J)	
7/19/2016	0.0079 (J)	
9/16/2016	0.0078 (J)	
11/2/2016	0.0082 (J)	
1/18/2017	0.0085 (J)	
3/28/2017	0.0084 (J)	
6/6/2017	0.0078 (J)	
9/22/2017	0.0076 (J)	
3/15/2018	0.0092 (J)	
9/12/2018	0.008 (J)	
3/13/2019	0.0077 (J)	
9/11/2019	0.0079 (J)	
3/9/2020	0.0069 (J)	
9/14/2020	0.0075 (J)	
3/11/2021	0.0069	
8/5/2021	0.0069	
1/31/2022		0.0076

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0273	
4/7/2017	0.024	
6/14/2017	0.027 (D)	
7/12/2017	0.027 (D)	
7/20/2017	0.0304 (D)	
7/28/2017	0.0269	
8/9/2017	0.0254	
8/24/2017	0.0285	
10/3/2017	0.0294 (D)	
3/21/2018	0.03	
9/18/2018	0.032	
3/21/2019	0.04 (D)	
9/12/2019	0.034 (D)	
3/12/2020	0.053	
9/17/2020	0.036	
3/16/2021	0.042	
8/10/2021	0.045	
2/3/2022		0.063

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.098 (O)	
4/23/2009	0.013	
10/6/2009	0.011	
4/27/2010	0.016	
9/30/2010	0.013	
4/14/2011	0.011	
10/5/2011	0.015	
4/11/2012	0.0102	
10/2/2012	0.0091	
4/9/2013	0.01	
10/15/2013	0.0098	
4/10/2014	0.011	
10/1/2014	0.0033	
3/30/2015	0.0043	
10/11/2015	0.0038	
3/28/2016	0.0133	
5/23/2016	0.0109	
8/1/2016	0.0058 (J)	
9/26/2016	0.0092 (J)	
11/10/2016	0.0083 (J)	
1/30/2017	0.0117	
4/7/2017	0.0109	
6/12/2017	<0.01	
10/2/2017	0.0122	
3/16/2018	0.0084 (J)	
9/17/2018	0.01	
3/19/2019	0.012	
9/13/2019	0.0088 (J)	
3/11/2020	0.0077 (J)	
9/16/2020	0.0081 (J)	
3/17/2021	0.0074	
8/9/2021	0.0071	
2/1/2022		0.0065

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.016	
4/23/2009	0.14 (O)	
10/6/2009	0.12 (O)	
5/3/2010	0.12 (O)	
10/11/2010	0.019	
4/27/2011	0.02	
10/19/2011	0.014	
5/1/2012	0.0199	
10/2/2012	0.015	
4/10/2013	0.016	
10/16/2013	0.017	
4/22/2014	0.017	
10/1/2014	0.013	
3/30/2015	0.014	
10/11/2015	0.0093	
3/28/2016	0.0155	
5/25/2016	0.0143	
8/1/2016	0.0129	
9/26/2016	0.0177	
11/11/2016	0.0117	
1/30/2017	0.0113	
4/3/2017	0.0166	
6/12/2017	0.017	
10/2/2017	0.0157	
3/16/2018	0.012	
9/18/2018	0.0099 (J)	
3/19/2019	0.013	
9/12/2019	0.011	
3/11/2020	0.0095 (J)	
9/15/2020	0.0089 (J)	
3/17/2021	0.012	
8/9/2021	0.0089	
2/2/2022		0.009

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.021	
11/1/2007	0.017	
11/20/2007	0.1 (O)	
1/30/2008	0.035	
3/6/2008	0.042	
5/12/2008	0.0087	
12/13/2008	0.12 (O)	
4/29/2009	0.11 (O)	
10/20/2009	0.016	
4/26/2010	0.016	
9/29/2010	0.016	
4/13/2011	0.012	
10/5/2011	0.014	
4/4/2012	0.017	
10/3/2012	0.015	
4/3/2013	0.018	
10/15/2013	0.018	
4/9/2014	0.019	
10/2/2014	0.016	
4/2/2015	0.017	
10/10/2015	0.014	
3/31/2016	0.0179	
5/26/2016	0.0186	
8/5/2016	0.0138	
9/28/2016	0.0153	
11/22/2016	0.0184 (J)	
2/7/2017	0.0215	
4/10/2017	0.0247	
6/14/2017	0.0227	
10/4/2017	0.0172	
3/20/2018	0.021	
9/18/2018	0.02	
3/22/2019	0.024	
9/17/2019	0.016	
3/12/2020	0.026	
9/17/2020	0.013	
3/18/2021	0.025	
8/10/2021	0.023	
2/4/2022		0.022

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.027	
11/1/2007	0.024	
11/20/2007	0.022	
1/30/2008	0.033 (J)	
3/6/2008	0.019	
5/8/2008	0.017	
12/14/2008	0.02	
4/29/2009	0.017	
10/21/2009	0.021	
4/21/2010	0.019	
9/28/2010	0.018	
4/12/2011	0.017	
10/4/2011	0.022	
4/3/2012	0.0212	
10/8/2012	0.019	
4/3/2013	0.021	
10/15/2013	0.022	
4/9/2014	0.02	
10/2/2014	0.023	
4/2/2015	0.022	
10/12/2015	0.028	
3/31/2016	0.0273	
5/26/2016	0.0305	
8/3/2016	0.0284	
9/28/2016	0.036	
11/22/2016	0.0341 (J)	
2/7/2017	0.0309	
4/10/2017	0.0235	
6/14/2017	0.0258	
10/4/2017	0.0234	
3/21/2018	0.022	
9/18/2018	0.03	
3/22/2019	0.022	
9/17/2019	0.03	
3/12/2020	0.028	
9/17/2020	0.022	
3/18/2021	0.027	
8/11/2021	0.027	
2/4/2022		0.028

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	0.034	
11/1/2007	0.036	
11/18/2007	0.036	
1/30/2008	0.031 (J)	
3/5/2008	0.018	
5/7/2008	0.015	
12/14/2008	0.12 (O)	
4/29/2009	0.0079	
10/22/2009	0.007	
4/21/2010	0.0074	
9/28/2010	0.0068	
4/12/2011	0.0089	
10/4/2011	0.012	
4/3/2012	0.0169	
10/3/2012	0.03	
4/3/2013	0.008	
10/9/2013	0.0093	
4/2/2014	0.031	
10/2/2014	0.035	
4/1/2015	0.013	
10/11/2015	0.0079	
4/4/2016	0.0119	
5/26/2016	0.0127	
8/3/2016	0.0121	
9/28/2016	0.0112	
11/22/2016	0.0155 (J)	
2/8/2017	0.0115	
4/10/2017	<0.0117	
6/15/2017	0.0112	
10/4/2017	0.0093 (J)	
3/21/2018	0.012	
9/18/2018	0.011	
3/23/2019	0.0081 (J)	
9/17/2019	0.011	
3/12/2020	0.0086 (J)	
9/21/2020	0.0093 (J)	
3/19/2021	0.011	
8/11/2021	0.0086	
2/4/2022		0.01

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.01	
11/1/2007	0.012	
11/18/2007	0.011	
1/30/2008	0.013	
3/6/2008	0.017	
5/7/2008	0.0066	
12/14/2008	0.013	
4/29/2009	0.0098	
10/22/2009	0.013	
4/21/2010	0.0069	
9/29/2010	0.0049	
4/13/2011	0.0074	
10/4/2011	0.0062	
4/4/2012	0.0091	
10/3/2012	0.0089	
4/3/2013	0.012	
10/9/2013	0.0079	
4/2/2014	0.0086	
10/2/2014	0.01	
4/1/2015	0.019	
10/11/2015	0.014	
4/4/2016	0.0176	
5/26/2016	0.0195	
8/4/2016	0.0151	
9/28/2016	0.0132	
11/22/2016	0.0186 (J)	
2/8/2017	0.015	
4/10/2017	0.0172	
6/15/2017	0.0167	
10/4/2017	0.0156	
3/22/2018	0.017	
9/18/2018	0.017	
3/23/2019	0.019	
9/17/2019	0.018	
3/12/2020	0.021	
9/21/2020	0.016	
3/19/2021	0.021	
8/11/2021	0.021	
2/4/2022		0.021

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.023	
11/1/2007	0.034	
11/19/2007	0.043	
1/16/2008	0.13 (O)	
3/5/2008	0.07	
5/13/2008	0.039	
12/13/2008	0.13 (O)	
4/16/2009	0.13 (O)	
10/21/2009	0.033	
4/27/2010	0.11 (O)	
10/5/2010	0.027	
4/19/2011	0.025	
10/12/2011	0.025	
4/24/2012	0.027	
10/2/2012	0.013	
4/2/2013	0.031	
10/9/2013	0.025	
4/1/2014	0.023	
10/2/2014	0.025	
4/1/2015	0.025	
10/14/2015	0.027	
4/4/2016	0.0285	
5/27/2016	0.0257	
8/3/2016	0.0237	
9/30/2016	0.0279	
11/22/2016	0.0286 (J)	
2/13/2017	0.0313	
4/11/2017	0.0254	
6/14/2017	0.0241	
10/4/2017	0.0256	
3/22/2018	0.024	
9/18/2018	0.025	
3/23/2019	0.024	
9/17/2019	0.0245 (D)	
3/12/2020	0.023	
9/21/2020	0.023	
3/19/2021	0.024	
8/11/2021	0.025	
2/2/2022		0.023

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.065	
11/1/2007	0.019	
11/19/2007	0.015	
1/31/2008	0.022	
3/5/2008	0.012	
5/12/2008	0.014	
12/13/2008	0.11 (O)	
4/28/2009	0.12 (O)	
10/21/2009	0.023	
4/28/2010	0.019	
10/5/2010	0.018	
4/19/2011	0.019	
10/18/2011	0.025	
4/25/2012	0.024	
10/2/2012	0.019	
4/2/2013	0.021	
10/8/2013	0.027	
4/1/2014	0.023	
10/1/2014	0.014	
4/1/2015	0.027	
10/15/2015	0.033	
4/4/2016	0.027	
5/31/2016	0.0283	
8/4/2016	0.0358	
9/29/2016	0.0437	
11/28/2016	0.0419 (J)	
2/9/2017	0.0472	
4/12/2017	0.0383	
6/16/2017	0.0457	
10/9/2017	0.0406	
3/21/2018	0.032	
9/19/2018	0.034	
3/23/2019	0.023	
9/18/2019	0.033	
3/13/2020	0.023	
9/22/2020	0.027	
3/18/2021	0.023	
8/11/2021	0.025	
2/17/2022		0.02

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0089	
11/2/2007	0.0091	
11/17/2007	0.021	
1/15/2008	0.013	
3/5/2008	0.11 (O)	
5/7/2008	0.01	
12/2/2008	0.12 (O)	
4/16/2009	0.13 (O)	
10/20/2009	0.05	
4/20/2010	0.019	
9/29/2010	0.017	
4/12/2011	0.014	
10/4/2011	0.017	
4/4/2012	0.0182	
10/10/2012	0.048	
4/15/2013	0.03	
10/22/2013	0.033	
4/21/2014	0.033	
9/30/2014	0.027	
4/3/2015	0.13 (O)	
10/7/2015	0.047	
4/5/2016	0.0279	
6/1/2016	0.0249	
8/9/2016	0.0268	
11/28/2016	<0.01	
2/9/2017	0.0119	
4/11/2017	0.0112 (D)	
6/14/2017	<0.01	
7/12/2017	0.0105	
10/5/2017	0.0099 (J)	
3/22/2018	0.011	
9/19/2018	0.013	
3/22/2019	0.014	
9/17/2019	0.015	
3/13/2020	0.017	
9/21/2020	0.013	
3/18/2021	0.014	
8/11/2021	0.016	
2/4/2022		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.015	
11/2/2007	0.024	
11/17/2007	0.027	
1/15/2008	0.022	
3/6/2008	0.021	
5/7/2008	0.023	
12/2/2008	0.024	
4/28/2009	0.031	
10/19/2009	0.027	
4/27/2010	0.051 (O)	
10/4/2010	0.028	
4/18/2011	0.026	
10/12/2011	0.026	
4/23/2012	0.0224	
10/10/2012	0.024	
4/15/2013	0.029	
10/22/2013	0.022	
4/21/2014	0.025	
9/30/2014	0.022	
4/3/2015	0.022	
10/7/2015	0.023	
4/5/2016	0.0308	
5/31/2016	0.0255	
8/4/2016	0.0227	
9/29/2016	0.0258	
11/23/2016	0.0263 (J)	
2/10/2017	0.025	
4/12/2017	0.026	
6/15/2017	0.0244	
10/6/2017	0.0254	
3/23/2018	0.021	
9/19/2018	0.02	
3/25/2019	0.021	
9/17/2019	0.023	
3/13/2020	0.02	
9/21/2020	0.021	
3/18/2021	0.02	
8/11/2021	0.019	
2/4/2022		0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.017	
11/2/2007	0.011	
11/18/2007	0.012 (J)	
1/15/2008	0.088 (O)	
3/10/2008	0.0077	
5/13/2008	0.0055	
12/2/2008	0.0097	
4/28/2009	0.0042	
10/20/2009	0.0056	
4/27/2010	0.0039	
10/5/2010	0.0047	
4/19/2011	0.0071	
10/12/2011	0.0098	
4/25/2012	0.0088	
10/10/2012	0.0093	
4/16/2013	0.0098	
10/22/2013	0.0097	
4/21/2014	0.008	
9/30/2014	0.0074	
4/3/2015	0.0076	
10/6/2015	0.0088	
4/5/2016	0.00153 (J)	
5/31/2016	0.00589 (J)	
11/23/2016	<0.05	
2/10/2017	0.0233	
4/11/2017	0.0162	
6/15/2017	0.0148	
7/12/2017	0.0166	
7/26/2017	0.0146	
10/6/2017	0.015	
3/23/2018	0.013	
9/19/2018	0.015	
3/22/2019	0.014	
9/17/2019	0.014	
3/13/2020	0.014	
9/21/2020	0.013	
3/18/2021	0.012	
8/11/2021	0.013	
2/7/2022		0.012

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<3 (O)	
5/16/2016	0.0418	
7/25/2016	0.0179	
9/19/2016	0.0152	
11/3/2016	0.0127	
1/19/2017	0.0172	
3/28/2017	0.0437	
6/5/2017	0.0747	
9/26/2017	0.0338	
3/15/2018	0.059	
9/12/2018	0.032	
3/14/2019	0.077	
9/11/2019	0.036	
3/10/2020	0.059	
9/15/2020	0.035	
3/11/2021	0.046	
8/4/2021	0.047	
1/31/2022		0.047

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.317695 (OD)	
5/16/2016	0.006 (J)	
7/25/2016	0.0056 (J)	
9/19/2016	0.0059 (J)	
11/4/2016	0.0054 (J)	
1/23/2017	0.006 (J)	
3/29/2017	0.0058 (J)	
6/7/2017	0.0062 (J)	
9/27/2017	0.0056 (J)	
3/15/2018	0.0057 (J)	
9/13/2018	0.0057 (J)	
3/14/2019	0.0066 (J)	
9/11/2019	0.0061 (J)	
3/10/2020	0.0061 (J)	
9/11/2020	0.006 (J)	
3/11/2021	0.0059	
8/6/2021	0.0061	
2/1/2022		0.0072

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.0244	
5/16/2016	0.0222	
7/25/2016	0.02	
9/19/2016	0.019	
11/3/2016	0.0177	
1/20/2017	0.0173	
3/29/2017	0.0184	
6/7/2017	0.019	
9/27/2017	0.0197	
3/15/2018	0.021	
9/13/2018	0.022	
3/14/2019	0.024	
9/11/2019	0.021	
3/10/2020	0.024	
9/11/2020	0.021	
3/11/2021	0.022	
8/6/2021	0.023	
2/1/2022		0.026

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.0209	
5/17/2016	0.0202	
7/26/2016	0.0165	
9/20/2016	0.0132	
11/4/2016	0.012	
1/20/2017	0.0133	
3/28/2017	0.0161	
6/7/2017	0.0141	
9/29/2017	0.0151	
3/15/2018	0.015	
9/13/2018	0.014	
3/18/2019	0.014	
9/11/2019	0.013	
3/10/2020	0.013	
9/14/2020	0.013	
3/11/2021	0.012	
8/5/2021	0.013	
1/31/2022		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.0144	
5/18/2016	0.0136	
7/27/2016	0.013	
9/20/2016	0.0146	
11/7/2016	0.0124	
1/23/2017	0.0158	
3/29/2017	0.017	
6/8/2017	0.0149	
9/27/2017	0.012	
3/15/2018	0.011	
9/13/2018	0.011	
3/15/2019	0.01	
9/12/2019	0.0085 (J)	
3/9/2020	0.0089 (J)	
9/14/2020	0.0082 (J)	
3/11/2021	0.0083	
8/5/2021	0.0077	
2/1/2022		0.0081

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0344 (O)	
5/18/2016	0.0184	
7/27/2016	0.0146	
9/20/2016	0.0122	
11/4/2016	0.0119	
1/20/2017	0.0114	
3/29/2017	0.0116	
6/8/2017	<0.011 (*)	
9/27/2017	0.0098 (J)	
3/16/2018	0.01	
9/13/2018	0.0092 (J)	
3/19/2019	0.0088 (J)	
9/11/2019	0.0097 (J)	
3/9/2020	0.0082 (J)	
9/15/2020	0.0084 (J)	
3/11/2021	0.0073	
8/5/2021	0.0069	
2/1/2022		0.0077

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.0361	
5/17/2016	0.0277	
7/27/2016	0.0276	
9/20/2016	0.0266	
11/4/2016	0.0239	
1/23/2017	<0.01	
3/28/2017	0.024	
6/8/2017	0.0317	
9/29/2017	0.0265	
3/15/2018	0.029	
9/13/2018	0.026	
3/15/2019	0.026	
9/11/2019	0.0295 (D)	
3/9/2020	0.029	
9/14/2020	0.035	
3/11/2021	0.038	
5/26/2021	0.039	
8/4/2021	0.034	
1/31/2022		0.038

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	0.0112	
5/18/2016	0.0107	
7/27/2016	0.0104	
9/21/2016	0.0106	
11/4/2016	0.0098 (J)	
1/24/2017	0.0101	
3/29/2017	0.0103	
6/8/2017	<0.0106 (*)	
9/29/2017	0.0097 (J)	
3/15/2018	0.0093 (J)	
9/13/2018	0.01	
3/18/2019	0.015	
9/11/2019	0.017	
3/11/2020	0.026	
9/11/2020	0.012	
3/15/2021	0.012	
8/11/2021	0.025	
2/1/2022		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.0121	
5/18/2016	0.0117	
7/28/2016	0.0081 (J)	
9/21/2016	0.0106	
11/7/2016	0.0047 (J)	
1/24/2017	0.0071 (J)	
3/30/2017	0.0043 (J)	
6/9/2017	<0.01 (*)	
9/29/2017	0.004 (J)	
3/15/2018	0.0032 (J)	
9/14/2018	0.004 (J)	
3/19/2019	0.0033 (J)	
9/11/2019	0.0038 (J)	
3/9/2020	0.0045 (J)	
9/14/2020	0.0027 (J)	
3/15/2021	0.0028 (J)	
8/5/2021	0.0036 (J)	
2/1/2022		0.003 (J)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.017	
10/25/2007	0.023	
11/19/2007	0.024	
1/23/2008	0.028	
3/11/2008	0.022	
5/12/2008	0.021	
12/11/2008	0.022	
4/15/2009	0.13 (O)	
10/9/2009	0.026	
5/4/2010	0.018	
10/12/2010	0.019	
4/28/2011	0.015	
10/19/2011	0.016	
5/2/2012	0.0191	
10/9/2012	0.019	
4/11/2013	0.013	
10/16/2013	0.017	
4/23/2014	0.015	
10/3/2014	0.02	
3/31/2015	0.014	
10/12/2015	0.017	
3/28/2016	0.0173	
5/25/2016	0.0175	
8/1/2016	0.0145	
9/27/2016	0.0139	
11/11/2016	0.0135	
1/31/2017	0.0153	
4/3/2017	0.0135	
6/12/2017	0.0154	
10/3/2017	0.0138	
3/19/2018	0.013	
9/17/2018	0.014	
3/20/2019	0.018	
9/16/2019	0.022	
3/16/2020	0.024	
9/16/2020	0.013	
3/17/2021	0.014	
8/9/2021	0.012	
2/2/2022		0.012

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.023	
10/25/2007	0.018	
11/20/2007	0.1 (O)	
1/23/2008	0.031	
3/11/2008	0.016	
5/14/2008	0.024	
12/11/2008	0.022	
4/23/2009	0.012	
10/9/2009	0.11 (O)	
5/4/2010	0.096 (O)	
10/11/2010	0.018	
4/26/2011	0.01	
10/18/2011	0.012	
5/2/2012	0.0119	
10/8/2012	0.01	
4/10/2013	0.013	
10/8/2013	0.014	
4/14/2014	0.01	
10/3/2014	0.014	
4/1/2015	0.013	
10/9/2015	0.008	
3/29/2016	0.0239 (J)	
5/24/2016	0.00902 (J)	
8/1/2016	0.0091 (J)	
9/26/2016	0.0124	
11/18/2016	0.0117	
2/1/2017	0.0086 (J)	
4/6/2017	0.0083 (J)	
6/13/2017	<0.01	
10/3/2017	0.0084 (J)	
3/19/2018	0.0079 (J)	
9/17/2018	0.0065 (J)	
3/21/2019	0.0074 (J)	
9/16/2019	0.0075 (J)	
3/12/2020	0.0075 (J)	
9/16/2020	0.0074 (J)	
3/17/2021	0.0075	
8/10/2021	0.0074	
2/2/2022		0.0064

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.016	
6/18/2015	0.015 (D)	
7/2/2015	0.014	
10/9/2015	0.012	
3/29/2016	0.000768 (J)	
5/24/2016	0.00847 (J)	
8/1/2016	0.0086 (J)	
9/26/2016	0.0086 (J)	
11/14/2016	0.0083 (J)	
2/1/2017	0.0096 (J)	
4/6/2017	0.0087 (J)	
6/13/2017	<0.01	
10/3/2017	0.0098 (J)	
3/20/2018	0.0088 (J)	
9/17/2018	0.0082 (J)	
3/21/2019	0.0075 (J)	
9/16/2019	0.0072 (J)	
3/12/2020	0.0072 (J)	
9/16/2020	0.0066 (J)	
3/17/2021	0.0072	
8/10/2021	0.0072	
2/2/2022		0.0066

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	0.0178	
8/2/2016	0.0394	
9/27/2016	0.032	
11/21/2016	0.0316 (J)	
2/1/2017	0.0264	
4/6/2017	0.0245	
6/13/2017	0.0247	
7/14/2017	0.0245	
10/3/2017	0.0218	
3/20/2018	0.024	
9/18/2018	0.027	
3/21/2019	0.03	
9/13/2019	0.031	
3/12/2020	0.022	
9/16/2020	0.02	
3/17/2021	0.022	
8/10/2021	0.02	
2/2/2022		0.015

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	0.015	
4/30/2012	0.0192	
10/3/2012	0.017	
4/8/2013	0.018	
10/9/2013	0.021	
4/10/2014	0.019	
10/2/2014	0.014	
4/3/2015	0.014	
10/8/2015	0.024	
3/30/2016	0.0163	
5/24/2016	0.0137	
8/2/2016	0.0152	
9/27/2016	0.0147	
11/22/2016	0.0174 (J)	
2/6/2017	0.0144	
4/6/2017	0.0149	
6/14/2017	0.0139	
10/4/2017	0.015	
3/21/2018	0.015	
9/18/2018	0.014	
3/27/2019	0.014	
9/16/2019	0.015 (D)	
3/12/2020	0.014	
9/17/2020	0.014	
3/17/2021	0.014	
8/10/2021	0.014	
2/2/2022		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.06	
6/18/2015	0.047 (D)	
7/2/2015	0.04	
10/8/2015	0.032	
3/22/2016	0.0263	
5/25/2016	0.0178	
8/2/2016	0.0265	
9/26/2016	0.0267	
11/21/2016	0.0309 (J)	
2/3/2017	0.0289	
4/7/2017	0.029	
6/13/2017	0.027	
10/3/2017	0.0292	
3/20/2018	0.029	
9/18/2018	0.025	
5/6/2019	0.017	
9/16/2019	0.026	
3/16/2020	0.027	
9/17/2020	0.025	
3/18/2021	0.018	
8/10/2021	0.029	
2/2/2022		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.043	
11/1/2007	0.032	
11/19/2007	0.049 (J)	
1/15/2008	0.12 (O)	
3/6/2008	0.075 (O)	
5/13/2008	0.055	
12/12/2008	0.16 (O)	
4/16/2009	0.15 (O)	
10/13/2009	0.05	
4/21/2010	0.039	
9/29/2010	0.033	
4/13/2011	0.033	
10/5/2011	0.035	
4/4/2012	0.0422	
10/8/2012	0.029	
4/8/2013	0.042	
10/9/2013	0.04	
4/9/2014	0.038	
9/30/2014	0.038	
4/2/2015	0.039	
10/10/2015	0.038 (D)	
3/30/2016	0.0412	
5/26/2016	0.0357	
8/5/2016	0.03	
9/28/2016	0.0308	
11/21/2016	0.0356 (J)	
2/6/2017	0.0391	
4/6/2017	0.0402	
6/13/2017	0.0394	
10/3/2017	0.0381	
3/20/2018	0.039	
9/18/2018	0.037	
3/21/2019	0.042	
9/16/2019	0.035	
3/12/2020	0.044	
9/17/2020	0.031	
3/18/2021	0.041	
8/10/2021	0.043	
2/2/2022		0.044

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.0005	
10/23/2007	<0.0005	
11/18/2007	<0.0005	
1/30/2008	<0.0005	
3/10/2008	<0.0005	
5/13/2008	<0.0005	
12/5/2008	<0.0005	
4/15/2009	<0.0005	
10/7/2009	<0.0005	
5/3/2010	<0.0005	
10/12/2010	<0.0005	
4/27/2011	<0.0005	
10/17/2011	<0.0005	
5/2/2012	<0.0005	
10/8/2012	<0.0005	
4/12/2013	<0.0005	
10/16/2013	<0.0005	
4/11/2014	<0.0005	
9/30/2014	<0.0005	
3/30/2015	<0.0005	
10/13/2015	0.0003 (J)	
3/22/2016	<0.0005	
5/19/2016	<0.0005	
7/29/2016	<0.0005	
9/23/2016	<0.0005	
11/9/2016	<0.0005	
1/30/2017	<0.0005	
3/30/2017	<0.0005	
6/9/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	0.00051 (D)	
3/20/2019	<0.0005	
9/12/2019	<0.0005	
3/11/2020	<0.0005	
9/15/2020	<0.0005	
3/16/2021	<0.0005	
8/9/2021	<0.0005	
2/1/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.0005 (D)	
7/27/2016	0.0001 (JD)	
2/21/2017	<0.0005	
3/27/2017	<0.0005 (D)	
6/8/2017	<0.0005 (D)	
7/17/2017	<0.0005 (D)	
7/27/2017	<0.0005	
8/9/2017	<0.0005	
9/29/2017	<0.0005 (D)	
3/16/2018	<0.0005	
9/14/2018	<0.0005	
3/14/2019	<0.0005	
3/9/2020	<0.0005	
9/16/2020	<0.0005	
3/16/2021	<0.0005	
8/6/2021	<0.0005	
2/2/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.0005	
5/11/2016	0.000177 (J)	
7/19/2016	0.0001 (J)	
9/15/2016	8E-05 (J)	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/7/2017	<0.0005	
9/26/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/15/2019	<0.0005	
9/9/2019	<0.0005	
3/9/2020	<0.0005	
9/10/2020	<0.0005	
3/12/2021	<0.0005	
8/4/2021	<0.0005	
1/31/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.000121 (J)	
5/16/2016	0.000145 (J)	
7/22/2016	<0.001	
9/19/2016	0.0001 (J)	
11/3/2016	8E-05 (J)	
1/17/2017	0.0001 (J)	
3/27/2017	0.0002 (J)	
6/7/2017	0.0001 (J)	
9/26/2017	<0.001	
3/14/2018	0.00011 (J)	
9/14/2018	0.00013 (J)	
3/14/2019	0.00013 (J)	
9/10/2019	0.00014 (J)	
3/6/2020	0.00014 (J)	
9/10/2020	0.00015 (J)	
3/11/2021	0.00017 (J)	
8/4/2021	0.00014 (J)	
1/31/2022		0.00018 (J)

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.0005	
5/13/2016	<0.0005	
7/19/2016	<0.0005	
9/16/2016	<0.0005	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/6/2017	8E-05 (J)	
9/22/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/13/2019	<0.0005	
9/11/2019	<0.0005	
3/9/2020	<0.0005	
9/11/2020	<0.0005	
3/11/2021	<0.0005	
8/6/2021	<0.0005	
1/31/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.0005	
4/23/2009	<0.0005	
10/6/2009	<0.0005	
4/27/2010	<0.0005	
9/30/2010	<0.0005	
4/14/2011	<0.0005	
10/5/2011	<0.0005	
4/11/2012	<0.0005	
10/2/2012	<0.0005	
4/9/2013	<0.0005	
10/15/2013	<0.0005	
4/10/2014	<0.0005	
10/1/2014	<0.0005	
3/30/2015	<0.0005	
10/11/2015	0.00026 (J)	
3/28/2016	<0.0005	
5/23/2016	<0.0005	
8/1/2016	<0.0005	
9/26/2016	<0.0005	
11/10/2016	<0.0005	
1/30/2017	<0.0005	
4/7/2017	<0.0005	
6/12/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	<0.0005	
3/19/2019	<0.0005	
9/13/2019	<0.0005	
3/11/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	0.00012 (J)	
8/9/2021	<0.0005	
2/1/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.0005	
11/1/2007	<0.0005	
11/20/2007	<0.0005	
1/30/2008	<0.0005	
3/6/2008	<0.0005	
5/8/2008	<0.0005	
12/14/2008	<0.0005	
4/29/2009	<0.0005	
10/21/2009	<0.0005	
4/21/2010	<0.0005	
9/28/2010	<0.0005	
4/12/2011	<0.0005	
10/4/2011	<0.0005	
4/3/2012	<0.0005	
10/8/2012	<0.0005	
4/3/2013	<0.0005	
10/15/2013	<0.0005	
4/9/2014	<0.0005	
10/2/2014	<0.0005	
4/2/2015	<0.0005	
10/12/2015	<0.0005	
3/31/2016	<0.0005	
5/26/2016	<0.0005	
8/3/2016	<0.0005	
9/28/2016	0.0002 (J)	
11/22/2016	<0.0005	
2/7/2017	<0.0005	
4/10/2017	<0.0005	
6/14/2017	<0.0005	
10/4/2017	<0.0005	
3/21/2018	<0.0005	
9/18/2018	<0.0005	
3/22/2019	<0.0005	
9/17/2019	<0.0005	
3/12/2020	<0.0005	
9/17/2020	<0.0005	
3/18/2021	<0.0005	
8/11/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.0005	
11/1/2007	<0.0005	
11/18/2007	<0.0005	
1/30/2008	<0.0005	
3/6/2008	<0.0005	
5/7/2008	<0.0005	
12/14/2008	<0.0005	
4/29/2009	<0.0005	
10/22/2009	<0.0005	
4/21/2010	<0.0005	
9/29/2010	<0.0005	
4/13/2011	<0.0005	
10/4/2011	<0.0005	
4/4/2012	<0.0005	
10/3/2012	<0.0005	
4/3/2013	<0.0005	
10/9/2013	<0.0005	
4/2/2014	<0.0005	
10/2/2014	<0.0005	
4/1/2015	0.00033 (J)	
10/11/2015	0.00056 (J)	
4/4/2016	<0.0005	
5/26/2016	<0.0005	
8/4/2016	<0.0005	
9/28/2016	<0.0005	
11/22/2016	<0.0005	
2/8/2017	<0.0005	
4/10/2017	<0.0005	
6/15/2017	<0.0005	
10/4/2017	<0.0005	
3/22/2018	<0.0005	
9/18/2018	<0.0005	
3/23/2019	<0.0005	
9/17/2019	<0.0005	
3/12/2020	<0.0005	
9/21/2020	<0.0005	
3/19/2021	<0.0005	
8/11/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/16/2008	<0.001	
3/5/2008	<0.001	
5/13/2008	<0.001	
12/13/2008	<0.001	
4/16/2009	<0.001	
10/21/2009	<0.001	
4/27/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/12/2011	<0.001	
4/24/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/9/2013	<0.001	
4/1/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/14/2015	0.00025 (J)	
4/4/2016	0.000136 (J)	
5/27/2016	0.000131 (J)	
8/3/2016	<0.001	
9/30/2016	9E-05 (J)	
11/22/2016	<0.001	
2/13/2017	0.0001 (J)	
4/11/2017	0.0003 (J)	
6/14/2017	0.0003 (J)	
10/4/2017	0.0002 (J)	
3/22/2018	0.00032 (J)	
9/18/2018	0.00057 (J)	
3/23/2019	0.00035 (J)	
9/17/2019	0.000575 (JD)	
3/12/2020	0.00089 (J)	
9/21/2020	0.00025 (J)	
3/19/2021	0.00027 (J)	
8/11/2021	0.00048 (J)	
2/2/2022		0.0012

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.0005	
11/2/2007	<0.0005	
11/17/2007	<0.0005	
1/15/2008	<0.0005	
3/5/2008	<0.0005	
5/7/2008	<0.0005	
12/2/2008	<0.0005	
4/16/2009	<0.0005	
10/20/2009	<0.0005	
4/20/2010	<0.0005	
9/29/2010	<0.0005	
4/12/2011	<0.0005	
10/4/2011	<0.0005	
4/4/2012	<0.0005	
10/10/2012	<0.0005	
4/15/2013	<0.0005	
10/22/2013	<0.0005	
4/21/2014	<0.0005	
9/30/2014	<0.0005	
4/3/2015	<0.0005	
10/7/2015	<0.0005	
4/5/2016	<0.0005	
6/1/2016	<0.0005	
8/9/2016	<0.0005	
11/28/2016	<0.0005	
2/9/2017	0.0001 (J)	
4/11/2017	<0.0005	
6/14/2017	<0.0005	
7/12/2017	<0.0005	
10/5/2017	<0.0005	
3/22/2018	<0.0005	
9/19/2018	<0.0005	
3/22/2019	<0.0005	
9/17/2019	<0.0005	
3/13/2020	<0.0005	
9/21/2020	<0.0005	
3/18/2021	<0.0005	
8/11/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.0005	
11/2/2007	<0.0005	
11/17/2007	<0.0005	
1/15/2008	<0.0005	
3/6/2008	<0.0005	
5/7/2008	<0.0005	
12/2/2008	<0.0005	
4/28/2009	<0.0005	
10/19/2009	<0.0005	
4/27/2010	<0.0005	
10/4/2010	<0.0005	
4/18/2011	<0.0005	
10/12/2011	<0.0005	
4/23/2012	<0.0005	
10/10/2012	<0.0005	
4/15/2013	<0.0005	
10/22/2013	<0.0005	
4/21/2014	<0.0005	
9/30/2014	<0.0005	
4/3/2015	<0.0005	
10/7/2015	0.00028 (J)	
4/5/2016	0.027 (O)	
5/31/2016	0.000206 (J)	
8/4/2016	<0.0005	
9/29/2016	0.0002 (J)	
11/23/2016	0.0001 (J)	
2/10/2017	<0.0005	
4/12/2017	<0.0005	
6/15/2017	<0.0005	
10/6/2017	<0.0005	
3/23/2018	<0.0005	
9/19/2018	<0.0005	
3/25/2019	<0.0005	
9/17/2019	<0.0005	
3/13/2020	<0.0005	
9/21/2020	<0.0005	
3/18/2021	<0.0005	
8/11/2021	<0.0005	
2/4/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.0005	
5/16/2016	<0.0005	
7/25/2016	<0.0005	
9/19/2016	<0.0005	
11/3/2016	<0.0005	
1/19/2017	<0.0005	
3/28/2017	<0.0005	
6/5/2017	8E-05 (J)	
9/26/2017	<0.0005	
3/15/2018	<0.0005	
9/12/2018	<0.0005	
3/14/2019	<0.0005	
9/11/2019	<0.0005	
3/10/2020	<0.0005	
9/15/2020	<0.0005	
3/11/2021	<0.0005	
8/4/2021	<0.0005	
1/31/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.0084065 (D)	
5/16/2016	<0.0005 (D)	
7/25/2016	<0.0005 (D)	
9/19/2016	<0.0005 (D)	
11/3/2016	<0.0005 (D)	
1/20/2017	<0.0005 (D)	
3/29/2017	<0.0005 (D)	
6/7/2017	<0.0005	
9/27/2017	<0.0005	
3/15/2018	<0.0005	
9/13/2018	<0.0005	
3/14/2019	<0.0005 (D)	
9/11/2019	<0.0005 (D)	
3/10/2020	<0.0005	
9/11/2020	<0.0005	
3/11/2021	<0.0005	
8/6/2021	<0.0005	
2/1/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.0005	
5/18/2016	<0.0005	
7/27/2016	<0.0005	
9/20/2016	8E-05 (J)	
11/7/2016	<0.0005	
1/23/2017	<0.0005	
3/29/2017	<0.0005	
6/8/2017	<0.0005	
9/27/2017	<0.0005	
3/15/2018	9.3E-05 (J)	
9/13/2018	<0.0005	
3/15/2019	0.00015 (J)	
9/12/2019	<0.0005	
3/9/2020	0.00015 (J)	
9/14/2020	0.00014 (J)	
3/11/2021	0.00018 (J)	
8/5/2021	<0.0005	
2/1/2022		0.00014 (J)

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.0195 (JO)	
5/17/2016	0.000251 (J)	
7/27/2016	0.0002 (J)	
9/20/2016	0.0002 (J)	
11/4/2016	0.0001 (J)	
1/23/2017	<0.001	
3/28/2017	0.0001 (J)	
6/8/2017	0.0002 (J)	
9/29/2017	0.0002 (J)	
3/15/2018	0.00018 (J)	
9/13/2018	0.00012 (J)	
3/15/2019	0.00018 (J)	
9/11/2019	0.00021 (JD)	
3/9/2020	0.00016 (J)	
9/14/2020	0.00019 (J)	
3/11/2021	0.00021 (J)	
8/4/2021	0.0002 (J)	
1/31/2022		0.0002 (J)

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.0005	
5/18/2016	<0.0005	
7/28/2016	<0.0005	
9/21/2016	9E-05 (J)	
11/7/2016	0.0001 (J)	
1/24/2017	0.0002 (J)	
3/30/2017	0.0002 (J)	
6/9/2017	0.0002 (J)	
9/29/2017	0.0002 (J)	
3/15/2018	0.0001 (J)	
9/14/2018	<0.0005	
3/19/2019	<0.0005	
9/11/2019	<0.0005	
3/9/2020	<0.0005	
9/14/2020	<0.0005	
3/15/2021	<0.0005	
8/5/2021	<0.0005	
2/1/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.0005	
10/25/2007	<0.0005	
11/19/2007	<0.0005	
1/23/2008	<0.0005	
3/11/2008	<0.0005	
5/12/2008	<0.0005	
12/11/2008	<0.0005	
4/15/2009	<0.0005	
10/9/2009	<0.0005	
5/4/2010	<0.0005	
10/12/2010	<0.0005	
4/28/2011	<0.0005	
10/19/2011	<0.0005	
5/2/2012	<0.0005	
10/9/2012	<0.0005	
4/11/2013	<0.0005	
10/16/2013	<0.0005	
4/23/2014	<0.0005	
10/3/2014	0.00033 (J)	
3/31/2015	<0.0005	
10/12/2015	<0.0005	
3/28/2016	0.00104	
5/25/2016	0.000148 (J)	
8/1/2016	0.0001 (J)	
9/27/2016	0.0001 (J)	
11/11/2016	9E-05 (J)	
1/31/2017	<0.0005	
4/3/2017	0.0001 (J)	
6/12/2017	<0.0005	
10/3/2017	<0.0005	
3/19/2018	<0.0005	
9/17/2018	<0.0005	
3/20/2019	<0.0005	
9/16/2019	<0.0005	
3/16/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	0.00013 (J)	
8/9/2021	<0.0005	
2/2/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.0005	
10/25/2007	<0.0005	
11/20/2007	<0.0005	
1/23/2008	<0.0005	
3/11/2008	<0.0005	
5/14/2008	<0.0005	
12/11/2008	<0.0005	
4/23/2009	<0.0005	
10/9/2009	<0.0005	
5/4/2010	<0.0005	
10/11/2010	<0.0005	
4/26/2011	<0.0005	
10/18/2011	<0.0005	
5/2/2012	<0.0005	
10/8/2012	<0.0005	
4/10/2013	<0.0005	
10/8/2013	<0.0005	
4/14/2014	<0.0005	
10/3/2014	<0.0005	
4/1/2015	<0.0005	
10/9/2015	<0.0005	
3/29/2016	<0.0005	
5/24/2016	<0.0005	
8/1/2016	<0.0005	
9/26/2016	8E-05 (J)	
11/18/2016	8E-05 (J)	
2/1/2017	<0.0005	
4/6/2017	<0.0005	
6/13/2017	<0.0005	
10/3/2017	<0.0005	
3/19/2018	<0.0005	
9/17/2018	<0.0005	
3/21/2019	<0.0005	
9/16/2019	<0.0005	
3/12/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	<0.0005	
8/10/2021	<0.0005	
2/2/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.0005	
8/2/2016	<0.0005	
9/27/2016	<0.0005	
11/21/2016	<0.0005	
2/1/2017	9E-05 (J)	
4/6/2017	<0.0005	
6/13/2017	<0.0005	
7/14/2017	<0.0005	
10/3/2017	<0.0005	
3/20/2018	<0.0005	
9/18/2018	<0.0005	
3/21/2019	<0.0005	
9/13/2019	<0.0005	
3/12/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	<0.0005	
8/10/2021	<0.0005	
2/2/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.0005	
6/18/2015	<0.0005 (D)	
7/2/2015	<0.0005	
10/8/2015	<0.0005	
3/22/2016	<0.0005	
5/25/2016	<0.0005	
8/2/2016	<0.0005	
9/26/2016	<0.0005	
11/21/2016	<0.0005	
2/3/2017	0.0001 (J)	
4/7/2017	<0.0005	
6/13/2017	0.0002 (J)	
10/3/2017	<0.0005	
3/20/2018	<0.0005	
9/18/2018	<0.0005	
5/6/2019	<0.0005	
9/16/2019	<0.0005	
3/16/2020	<0.0005	
9/17/2020	<0.0005	
3/18/2021	<0.0005	
8/10/2021	<0.0005	
2/2/2022		<0.0005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	0.011	
11/18/2007	0.038 (O)	
1/30/2008	0.11 (O)	
3/10/2008	0.038 (O)	
5/13/2008	0.012	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0065	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	0.0019	
10/16/2013	0.0024	
4/11/2014	0.0013 (J)	
9/30/2014	<0.005	
3/30/2015	0.0047	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	0.0011 (J)	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	0.0012 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0045	
10/24/2007	0.039 (O)	
11/18/2007	0.059 (O)	
1/31/2008	0.0067	
3/11/2008	0.03 (O)	
5/6/2008	0.0062	
12/4/2008	0.009	
4/21/2009	0.0022	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	0.0013	
10/15/2013	0.0023	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0011 (J)	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	0.0008 (J)	
10/2/2017	<0.005	
3/19/2018	0.0031 (J)	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	0.0025 (J)	
9/15/2020	0.00086 (J)	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	0.0033	
11/18/2007	0.012	
1/31/2008	0.052 (O)	
3/10/2008	0.01	
5/13/2008	0.0068	
12/4/2008	0.0017	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.0042 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0017 (JD)	
2/21/2017	0.001 (J)	
3/27/2017	<0.005 (D)	
6/8/2017	<0.005 (D)	
7/17/2017	<0.005 (D)	
7/27/2017	0.0005 (J)	
8/9/2017	0.0005 (J)	
9/29/2017	0.0006 (JD)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	0.004 (J)	
3/9/2020	0.0016 (J)	
9/16/2020	0.00058 (J)	
3/16/2021	0.0008 (J)	
8/6/2021	<0.005	
2/2/2022		0.0012 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	<0.005	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.069 (o)	
9/10/2020	<0.005	
3/12/2021	0.00064 (J)	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	0.027 (O)	
11/18/2007	0.17 (O)	
1/31/2008	0.012	
3/11/2008	0.063 (O)	
5/14/2008	0.057 (O)	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0013	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	0.0013 (J)	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/13/2019	0.00073 (J)	
3/11/2020	0.00095 (J)	
3/29/2021	0.00062 (J)	
8/9/2021	<0.005	
2/2/2022		0.0069

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005 (*)	
5/24/2017	0.0008 (J)	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.0009 (J)	
9/11/2020	<0.005	
3/10/2021	0.00075 (J)	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005 (*)	
6/6/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005 (D)	
3/6/2020	0.015	
9/10/2020	<0.005	
3/11/2021	0.0015 (J)	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	<0.005	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/6/2017	0.0004 (J)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	0.0004 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00045 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
6/6/2017	0.0004 (J)	
9/22/2017	0.0008 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00051 (J)	
3/9/2020	0.0033 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00212 (J)	
5/13/2016	<0.005	
7/19/2016	0.0006 (J)	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	0.0014 (J)	
3/28/2017	<0.005 (*)	
6/6/2017	0.0009 (J)	
9/22/2017	0.0006 (J)	
3/15/2018	0.0017 (J)	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00066 (J)	
3/9/2020	0.0014 (J)	
9/14/2020	0.0011 (J)	
3/11/2021	0.0011 (J)	
8/5/2021	<0.005	
1/31/2022		0.0011 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.005	
4/23/2009	<0.005	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	0.0014	
4/14/2011	0.0014	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/2/2012	<0.005	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0013 (J)	
10/1/2014	<0.005	
3/30/2015	<0.005	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/23/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/10/2016	<0.005	
1/30/2017	<0.005	
4/7/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.0011 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.005	
4/23/2009	0.0031	
10/6/2009	0.0024	
5/3/2010	<0.005	
10/11/2010	0.0028	
4/27/2011	0.0041	
10/19/2011	<0.005	
5/1/2012	<0.005	
10/2/2012	0.0019	
4/10/2013	0.0027	
10/16/2013	0.0029	
4/22/2014	0.0024	
10/1/2014	<0.005	
3/30/2015	0.0022	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/11/2016	<0.005	
1/30/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0005 (J)	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/18/2018	<0.005	
3/19/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.0015	
11/1/2007	0.011	
11/20/2007	0.042 (o)	
1/30/2008	0.034	
3/6/2008	0.027	
5/12/2008	0.015	
12/13/2008	0.0036	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	0.0034	
4/13/2011	<0.005	
10/5/2011	0.0032	
4/4/2012	<0.005	
10/3/2012	0.0047	
4/3/2013	0.0014	
10/15/2013	0.002	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.0013	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	0.0024 (J)	
2/7/2017	0.0015 (J)	
4/10/2017	<0.005	
6/14/2017	0.0006 (J)	
10/4/2017	0.0027 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.0009 (J)	
3/12/2020	0.00047 (J)	
9/17/2020	0.0011 (J)	
3/18/2021	0.00068 (J)	
8/10/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.036 (O)	
11/1/2007	0.01	
11/20/2007	0.0039	
1/30/2008	0.019 (O)	
3/6/2008	<0.005	
5/8/2008	0.01	
12/14/2008	0.0038	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	0.0019	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/7/2017	0.0019 (J)	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.00067 (J)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	0.002 (J)	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.025 (o)	
12/14/2008	0.0021	
4/29/2009	0.011	
10/22/2009	0.01	
4/21/2010	0.0053	
9/28/2010	0.0076	
4/12/2011	0.0095	
10/4/2011	0.0091	
4/3/2012	0.0076	
10/3/2012	0.0039	
4/3/2013	<0.005	
10/9/2013	0.0089	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0062	
10/11/2015	<0.005	
4/4/2016	0.00656 (J)	
5/26/2016	0.00752 (J)	
8/3/2016	0.0067 (J)	
9/28/2016	0.0082 (J)	
11/22/2016	0.0045 (J)	
2/8/2017	0.0101	
4/10/2017	0.0094 (J)	
6/15/2017	0.009 (J)	
10/4/2017	0.0008 (J)	
3/21/2018	0.0079 (J)	
9/18/2018	0.0081 (J)	
3/23/2019	<0.005	
9/17/2019	0.0079 (J)	
3/12/2020	0.00084 (J)	
9/21/2020	0.0081 (J)	
3/19/2021	0.0073	
8/11/2021	<0.005	
2/4/2022		0.0071

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.037	
11/1/2007	0.04	
11/18/2007	0.045	
1/30/2008	0.041	
3/6/2008	0.042	
5/7/2008	0.029	
12/14/2008	0.032	
4/29/2009	0.017	
10/22/2009	0.022	
4/21/2010	0.021	
9/29/2010	0.024	
4/13/2011	0.014	
10/4/2011	0.017	
4/4/2012	0.014	
10/3/2012	0.0033	
4/3/2013	0.017	
10/9/2013	0.015	
4/2/2014	0.014	
10/2/2014	0.0048	
4/1/2015	0.0084	
10/11/2015	0.019	
4/4/2016	0.00728 (J)	
5/26/2016	0.00553 (J)	
8/4/2016	0.0071 (J)	
9/28/2016	0.0093 (J)	
11/22/2016	0.0058 (J)	
2/8/2017	0.0072 (J)	
4/10/2017	<0.01	
6/15/2017	0.0066 (J)	
10/4/2017	0.0079 (J)	
3/22/2018	0.0062 (J)	
9/18/2018	0.0062 (J)	
3/23/2019	0.0048 (J)	
9/17/2019	0.0042 (J)	
3/12/2020	0.0042 (J)	
9/21/2020	0.0056 (J)	
3/19/2021	0.0079	
8/11/2021	0.0042 (J)	
2/4/2022		0.0042 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.0013	
11/1/2007	<0.005	
11/19/2007	0.0056	
1/16/2008	0.039 (o)	
3/5/2008	0.03	
5/13/2008	0.0057	
12/13/2008	<0.005	
4/16/2009	<0.005	
10/21/2009	0.0015	
4/27/2010	0.0036	
10/5/2010	<0.005	
4/19/2011	0.003	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	0.0018	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
5/27/2016	<0.005	
8/3/2016	<0.005	
9/30/2016	<0.005	
11/22/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	0.0058 (D)	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0019	
11/1/2007	0.01	
11/19/2007	0.021	
1/31/2008	0.035	
3/5/2008	0.012	
5/12/2008	0.02	
12/13/2008	0.014	
4/28/2009	0.0079	
10/21/2009	0.0092	
4/28/2010	0.0086	
10/5/2010	0.0085	
4/19/2011	0.0089	
10/18/2011	0.0093	
4/25/2012	0.0075	
10/2/2012	0.017	
4/2/2013	0.0097	
10/8/2013	0.011	
4/1/2014	0.0074	
10/1/2014	0.0049	
4/1/2015	0.0072	
10/15/2015	0.0077	
4/4/2016	0.00615 (J)	
5/31/2016	0.00588 (J)	
8/4/2016	0.0056 (J)	
9/29/2016	0.0065 (J)	
11/28/2016	0.0064 (J)	
2/9/2017	0.0078 (J)	
4/12/2017	0.0077 (J)	
6/16/2017	0.0072 (J)	
10/9/2017	0.0079 (J)	
3/21/2018	0.0055 (J)	
9/19/2018	0.0059 (J)	
3/23/2019	0.0058 (J)	
9/18/2019	0.0063 (J)	
3/13/2020	0.0054 (J)	
9/22/2020	0.0062 (J)	
3/18/2021	0.0058	
8/11/2021	0.0074	
2/17/2022		0.0053

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	0.0042	
11/19/2007	0.0049	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.019 (O)	
4/29/2009	0.002	
10/21/2009	0.002	
4/28/2010	0.0049	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	0.0015	
4/2/2013	0.0017	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005 (D)	
6/1/2016	<0.005 (D)	
2/22/2017	0.0012 (J)	
4/11/2017	<0.005	
6/16/2017	<0.005	
7/12/2017	<0.005	
7/28/2017	<0.005	
8/10/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	0.002 (J)	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.083 (O)	
11/2/2007	0.0071	
11/17/2007	0.012	
1/15/2008	0.043 (o)	
3/5/2008	0.0044	
5/7/2008	0.0084	
12/2/2008	0.0056	
4/16/2009	0.0042	
10/20/2009	0.0037	
4/20/2010	<0.005	
9/29/2010	0.0028	
4/12/2011	<0.005	
10/4/2011	0.0015	
4/4/2012	<0.005	
10/10/2012	0.0029	
4/15/2013	0.0036	
10/22/2013	0.0048	
4/21/2014	0.0043	
9/30/2014	0.0037	
4/3/2015	0.016	
10/7/2015	0.0092	
4/5/2016	0.019 (J)	
6/1/2016	0.006 (J)	
8/9/2016	0.0086 (JD)	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	0.0006 (J)	
7/12/2017	0.0005 (J)	
10/5/2017	0.0006 (J)	
3/22/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.00046 (X)	
3/13/2020	0.00093 (J)	
9/21/2020	<0.005	
3/18/2021	0.0023 (J)	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.014	
11/2/2007	0.0036	
11/17/2007	0.031 (O)	
1/15/2008	0.011	
3/6/2008	0.0027	
5/7/2008	0.008	
12/2/2008	0.0059	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	0.0013	
4/18/2011	<0.005	
10/12/2011	0.0014	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	0.0021	
10/22/2013	<0.005	
4/21/2014	0.0013 (J)	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	<0.005	
6/15/2017	0.0005 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	0.00044 (J)	
3/13/2020	0.0011 (J)	
9/21/2020	0.0016 (J)	
3/18/2021	0.00089 (J)	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.061 (O)	
11/2/2007	0.078 (O)	
11/18/2007	0.085 (O)	
1/15/2008	0.079 (O)	
3/10/2008	0.062 (O)	
5/13/2008	0.044 (O)	
12/2/2008	0.027	
4/28/2009	0.016	
10/20/2009	0.018	
4/27/2010	0.012	
10/5/2010	0.0067	
4/19/2011	0.0081	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	0.0029	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	<0.005	
6/15/2017	0.0005 (J)	
7/12/2017	0.0008 (J)	
7/26/2017	0.0006 (J)	
10/6/2017	0.0008 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.00064 (X)	
3/13/2020	0.0012 (J)	
9/21/2020	0.00089 (J)	
3/18/2021	0.00078 (J)	
8/11/2021	<0.005	
2/7/2022		0.0011 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	<0.005	
6/5/2017	<0.005	
9/26/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	0.00074 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/4/2016	<0.005 (D)	
1/23/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
6/7/2017	<0.005	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	0.0007 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
6/7/2017	0.0004 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	0.00092 (J)	
9/11/2020	0.00067 (J)	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.01	
5/17/2016	<0.01	
7/26/2016	0.0017 (J)	
9/20/2016	0.0015 (J)	
11/4/2016	0.0016 (J)	
1/20/2017	0.0018 (J)	
3/28/2017	<0.01 (*)	
6/7/2017	0.0018 (J)	
9/29/2017	0.0033 (J)	
3/15/2018	0.0021 (J)	
9/13/2018	0.0041 (J)	
3/18/2019	0.0022 (J)	
9/11/2019	0.0038 (J)	
3/10/2020	0.0035 (J)	
9/14/2020	0.006 (J)	
3/11/2021	0.0059	
5/26/2021	0.0052	
8/5/2021	0.0057	
1/31/2022		0.0051

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.0439 (O)	
5/18/2016	0.00248 (J)	
7/27/2016	0.0021 (J)	
9/20/2016	0.002 (J)	
11/7/2016	0.0023 (J)	
1/23/2017	0.0011 (J)	
3/29/2017	0.0012 (J)	
6/8/2017	0.0015 (J)	
9/27/2017	0.0021 (J)	
3/15/2018	0.0023 (J)	
9/13/2018	<0.01	
3/15/2019	<0.01	
9/12/2019	0.0014 (J)	
3/9/2020	0.0012 (J)	
9/14/2020	0.0022 (J)	
3/11/2021	0.0013 (J)	
8/5/2021	0.0014 (J)	
2/1/2022		0.0015 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.00136 (J)	
5/18/2016	0.00606 (JO)	
7/27/2016	0.0023 (J)	
9/20/2016	0.0021 (J)	
11/4/2016	0.0016 (J)	
1/20/2017	0.0016 (J)	
3/29/2017	0.001 (J)	
6/8/2017	0.0024 (J)	
9/27/2017	0.0021 (J)	
3/16/2018	0.003 (J)	
9/13/2018	0.0017 (J)	
3/19/2019	0.018	
9/11/2019	0.0015 (J)	
3/9/2020	0.0023 (J)	
9/15/2020	0.0017 (J)	
3/11/2021	0.0019 (J)	
8/5/2021	0.0022 (J)	
2/1/2022		0.0022 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.000148 (J)	
5/17/2016	<0.01	
7/27/2016	0.0017 (J)	
9/20/2016	0.0024 (J)	
11/4/2016	0.0013 (J)	
1/23/2017	<0.01	
3/28/2017	<0.01 (*)	
6/8/2017	0.0016 (J)	
9/29/2017	0.002 (J)	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/15/2019	0.0023 (J)	
9/11/2019	0.00165 (JD)	
3/9/2020	0.0023 (J)	
9/14/2020	0.0024 (J)	
3/11/2021	0.0021 (J)	
8/4/2021	0.0018 (J)	
1/31/2022		0.002 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	0.0006 (J)	
9/21/2016	0.0011 (J)	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	0.0004 (J)	
6/8/2017	0.0005 (J)	
9/29/2017	0.0005 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	0.00063 (J)	
3/11/2020	0.0012 (J)	
9/11/2020	<0.005	
3/15/2021	0.00076 (J)	
8/11/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.017 (J)	
5/18/2016	<0.005	
7/28/2016	0.0014 (J)	
9/21/2016	0.0009 (J)	
11/7/2016	<0.005	
1/24/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	0.0017 (J)	
9/11/2019	0.002 (J)	
3/9/2020	0.00096 (J)	
9/14/2020	<0.005	
3/15/2021	<0.005	
8/5/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0076	
10/25/2007	0.015	
11/19/2007	0.013	
1/23/2008	0.032	
3/11/2008	0.024	
5/12/2008	0.016	
12/11/2008	0.013	
4/15/2009	0.0073	
10/9/2009	0.0037	
5/4/2010	<0.005	
10/12/2010	0.0023	
4/28/2011	0.002	
10/19/2011	0.0015	
5/2/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	0.0015	
10/16/2013	<0.005	
4/23/2014	0.0013 (J)	
10/3/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/27/2016	<0.005	
11/11/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0005 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	0.00078 (J)	
9/16/2020	<0.005	
3/17/2021	0.00069 (J)	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.01	
10/25/2007	0.002	
11/20/2007	0.017	
1/23/2008	0.064 (O)	
3/11/2008	0.013	
5/14/2008	0.027	
12/11/2008	<0.01	
4/23/2009	<0.01	
10/9/2009	0.0014	
5/4/2010	<0.01	
10/11/2010	0.0027	
4/26/2011	0.0015	
10/18/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/10/2013	0.0013	
10/8/2013	0.0017	
4/14/2014	0.004	
10/3/2014	0.0017	
4/1/2015	0.0027	
10/9/2015	0.0016	
3/29/2016	0.00738 (J)	
5/24/2016	0.00263 (J)	
8/1/2016	<0.01	
9/26/2016	0.0014 (J)	
11/18/2016	<0.01	
2/1/2017	0.0024 (J)	
4/6/2017	<0.01	
6/13/2017	0.0031 (J)	
10/3/2017	0.0025 (J)	
3/19/2018	0.0035 (J)	
9/17/2018	0.0024 (J)	
3/21/2019	0.0029 (J)	
9/16/2019	0.002 (J)	
3/12/2020	0.0034 (J)	
9/16/2020	0.0022 (J)	
3/17/2021	0.0027 (J)	
8/10/2021	0.0027 (J)	
2/2/2022		0.0026 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.0015	
6/18/2015	0.0013 (D)	
7/2/2015	0.0014	
10/9/2015	0.0015	
3/29/2016	<0.01	
5/24/2016	<0.01	
8/1/2016	<0.01	
9/26/2016	0.002 (J)	
11/14/2016	<0.01	
2/1/2017	0.0017 (J)	
4/6/2017	<0.01	
6/13/2017	0.0015 (J)	
10/3/2017	0.0018 (J)	
3/20/2018	0.0017 (J)	
9/17/2018	0.002 (J)	
3/21/2019	0.0025 (J)	
9/16/2019	0.002 (J)	
3/12/2020	0.0028 (J)	
9/16/2020	0.0023 (J)	
3/17/2021	0.0021 (J)	
8/10/2021	0.0021 (J)	
2/2/2022		0.0024 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/21/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
7/14/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005	
9/13/2019	<0.005	
3/12/2020	0.0014 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.01	
4/30/2012	<0.01	
10/3/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	0.0019	
4/10/2014	0.0034	
10/2/2014	0.0056	
4/3/2015	0.0022	
10/8/2015	0.0033	
3/30/2016	0.0228 (O)	
5/24/2016	<0.01	
8/2/2016	<0.01	
9/27/2016	<0.01	
11/22/2016	<0.01	
2/6/2017	<0.01	
4/6/2017	<0.01	
6/14/2017	0.0009 (J)	
10/4/2017	<0.01	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/27/2019	0.0021 (J)	
9/16/2019	0.000465 (JD)	
3/12/2020	0.0031 (J)	
9/17/2020	0.00086 (J)	
3/17/2021	0.00079 (J)	
8/10/2021	0.0014 (J)	
2/2/2022		0.0015 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.01	
6/18/2015	0.0024 (D)	
7/2/2015	<0.01	
10/8/2015	<0.01	
3/22/2016	0.048 (O)	
5/25/2016	0.00441 (J)	
8/2/2016	<0.01	
9/26/2016	0.002 (J)	
11/21/2016	0.0017 (J)	
2/3/2017	0.0018 (J)	
4/7/2017	<0.01	
6/13/2017	0.0019 (J)	
10/3/2017	0.0022 (J)	
3/20/2018	0.0017 (J)	
9/18/2018	<0.01	
5/6/2019	0.0048 (J)	
9/16/2019	0.002 (J)	
3/16/2020	0.0015 (J)	
9/17/2020	0.0017 (J)	
3/18/2021	0.0015 (J)	
8/10/2021	0.0019 (J)	
2/2/2022		0.0021 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	0.0061	
11/19/2007	0.018 (J)	
1/15/2008	0.078 (O)	
3/6/2008	0.054 (O)	
5/13/2008	0.0085	
12/12/2008	0.0023	
4/16/2009	<0.005	
10/13/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	0.0013	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.00115 (D)	
3/30/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	0.00045 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	0.0045	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0041	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0012 (J)	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	0.0004 (J)	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	0.00078 (J)	
9/12/2019	0.00047 (J)	
3/11/2020	0.00037 (J)	
9/15/2020	0.00048 (J)	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.013	
11/18/2007	0.0041	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	0.012	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	0.0083 (O)	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	0.001 (J)	
3/16/2021	<0.005	
8/9/2021	0.0016 (J)	
2/1/2022		0.00093 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.00313 (JD)	
7/27/2016	0.0057 (JD)	
2/21/2017	<0.005	
3/27/2017	<0.005 (D)	
6/8/2017	<0.005 (D)	
7/17/2017	<0.005 (D)	
7/27/2017	<0.005	
8/9/2017	<0.005	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.00503 (J)	
5/11/2016	0.0114	
7/19/2016	0.0013 (J)	
9/15/2016	0.002 (J)	
11/2/2016	0.0005 (J)	
1/18/2017	0.0015 (J)	
3/28/2017	0.0025 (J)	
6/7/2017	0.0023 (J)	
9/26/2017	0.0011 (J)	
3/14/2018	0.00058 (J)	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.00075 (J)	
9/10/2020	<0.005	
3/12/2021	0.00079 (J)	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.0033	
11/2/2007	0.0046	
11/18/2007	0.0057	
1/31/2008	0.0055	
3/11/2008	0.0033	
5/14/2008	0.0044	
12/5/2008	0.0035	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	0.0013 (J)	
10/4/2014	0.00081 (J)	
3/31/2015	0.0021	
10/12/2015	0.00078 (J)	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	0.0007 (J)	
9/22/2016	0.0007 (J)	
11/10/2016	0.0007 (J)	
1/31/2017	0.0007 (J)	
3/30/2017	0.0007 (J)	
6/12/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/19/2018	0.00059 (J)	
9/17/2018	0.00057 (J)	
3/20/2019	<0.005	
9/13/2019	0.00046 (J)	
3/11/2020	0.00041 (J)	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0006 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	0.0005 (J)	
6/6/2017	<0.005	
9/25/2017	0.0006 (J)	
3/14/2018	<0.005	
9/12/2018	0.0011 (J)	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	0.0004 (J)	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00039 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	0.00039 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	<0.01	
4/7/2017	0.0018 (J)	
6/14/2017	0.0045 (JD)	
7/12/2017	0.0046 (JD)	
7/20/2017	0.0109 (D)	
7/28/2017	0.0104	
8/9/2017	0.0022 (J)	
8/24/2017	0.0076 (J)	
10/3/2017	0.0028 (JD)	
3/21/2018	0.014	
9/18/2018	0.017	
3/21/2019	0.022 (D)	
9/12/2019	0.02 (D)	
3/12/2020	0.013	
9/17/2020	0.019	
3/16/2021	0.015	
8/10/2021	0.011	
2/3/2022		0.0059

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.005	
4/23/2009	0.0029	
10/6/2009	<0.005	
5/3/2010	<0.005	
10/11/2010	<0.005	
4/27/2011	0.0028	
10/19/2011	<0.005	
5/1/2012	<0.005	
10/2/2012	<0.005	
4/10/2013	0.0014	
10/16/2013	0.0014	
4/22/2014	0.0013	
10/1/2014	<0.005	
3/30/2015	0.00079 (J)	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/11/2016	<0.005	
1/30/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/18/2018	<0.005	
3/19/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.005	
11/1/2007	<0.005	
11/20/2007	0.0046	
1/30/2008	0.0079	
3/6/2008	0.0037	
5/12/2008	<0.005	
12/13/2008	0.013	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	0.0018	
4/3/2013	0.0014	
10/15/2013	0.0018	
4/9/2014	0.0013 (J)	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	0.0006 (J)	
2/7/2017	0.0017 (J)	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.0021 (J)	
9/18/2018	<0.005	
3/22/2019	0.0011 (J)	
9/17/2019	<0.005	
3/12/2020	0.0017 (J)	
9/17/2020	<0.005	
3/18/2021	0.001 (J)	
8/10/2021	0.00075 (J)	
2/4/2022		0.0018 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	0.0031	
11/1/2007	0.0034	
11/18/2007	0.0045	
1/30/2008	0.0027	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	0.0037	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.0036	
10/2/2014	0.016	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	0.11 (O)	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0026	
10/11/2015	0.00065 (J)	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/4/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.0013	
11/1/2007	0.0041	
11/19/2007	0.0055	
1/16/2008	0.008	
3/5/2008	0.98 (O)	
5/13/2008	0.01	
12/13/2008	0.0073	
4/16/2009	0.0033	
10/21/2009	0.0039	
4/27/2010	0.0044	
10/5/2010	0.005	
4/19/2011	0.0039	
10/12/2011	0.0032	
4/24/2012	<0.0013	
10/2/2012	<0.0013	
4/2/2013	0.0038	
10/9/2013	0.003	
4/1/2014	0.0027	
10/2/2014	0.0027	
4/1/2015	0.0028	
10/14/2015	0.003	
4/4/2016	0.00351 (J)	
5/27/2016	0.00332 (J)	
8/3/2016	0.003 (J)	
9/30/2016	0.0035 (J)	
11/22/2016	0.0027 (J)	
2/13/2017	0.003 (J)	
4/11/2017	0.0031 (J)	
6/14/2017	0.0031 (J)	
10/4/2017	0.0032 (J)	
3/22/2018	0.0033 (J)	
9/18/2018	0.0031 (J)	
3/23/2019	0.0032 (J)	
9/17/2019	0.00305 (D)	
3/12/2020	0.0031 (J)	
9/21/2020	0.0029 (J)	
3/19/2021	0.0029 (J)	
8/11/2021	0.0026 (J)	
2/2/2022		0.0034 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.01	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	0.0037	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.011	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	0.00051 (J)	
4/4/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/12/2017	<0.005	
6/16/2017	<0.005	
10/9/2017	<0.005	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019	<0.005	
9/18/2019	0.0005 (J)	
3/13/2020	<0.005	
9/22/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/17/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.0079	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
6/1/2016	<0.005	
2/22/2017	<0.005	
4/11/2017	<0.005	
6/16/2017	<0.005	
7/12/2017	<0.005	
7/28/2017	<0.005	
8/10/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	<0.005	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	0.0039	
1/15/2008	<0.005	
3/5/2008	0.005	
5/7/2008	<0.005	
12/2/2008	0.011	
4/16/2009	0.005	
10/20/2009	0.0074	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
6/1/2016	<0.005	
8/9/2016	0.0003 (J)	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
7/12/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	0.00058 (J)	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	0.0006 (J)	
6/15/2017	0.0004 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/15/2008	0.0029	
3/10/2008	0.069 (O)	
5/13/2008	<0.005	
12/2/2008	0.0027	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	<0.005	
6/15/2017	<0.005	
7/12/2017	<0.005	
7/26/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/7/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00101 (J)	
5/16/2016	<0.01	
7/25/2016	0.0015 (J)	
9/19/2016	0.0014 (J)	
11/3/2016	0.0013 (J)	
1/19/2017	0.0013 (J)	
3/28/2017	0.0019 (J)	
6/5/2017	0.0022 (J)	
9/26/2017	0.0018 (J)	
3/15/2018	0.0018 (J)	
9/12/2018	0.0016 (J)	
3/14/2019	0.0022 (J)	
9/11/2019	0.0018 (J)	
3/10/2020	0.0021 (J)	
9/15/2020	0.0015 (J)	
3/11/2021	0.0016 (J)	
8/4/2021	0.0016 (J)	
1/31/2022		0.0017 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.01 (D)	
5/16/2016	<0.01 (D)	
7/25/2016	0.0017 (JD)	
9/19/2016	0.0017 (JD)	
11/4/2016	0.0013 (JD)	
1/23/2017	0.0013 (JD)	
3/29/2017	0.0013 (JD)	
6/7/2017	0.0011 (J)	
9/27/2017	0.0013 (J)	
3/15/2018	0.0012 (J)	
9/13/2018	0.001 (J)	
3/14/2019	0.0015 (JD)	
9/11/2019	0.0014 (JD)	
3/10/2020	0.0012 (J)	
9/11/2020	0.0012 (J)	
3/11/2021	0.0011 (J)	
8/6/2021	0.0011 (J)	
2/1/2022		0.0013 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	0.0006 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
6/7/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00207 (J)	
5/17/2016	0.0025 (J)	
7/27/2016	0.0014 (J)	
9/20/2016	0.0015 (J)	
11/4/2016	0.0014 (J)	
1/23/2017	<0.01	
3/28/2017	0.0015 (J)	
6/8/2017	0.0016 (J)	
9/29/2017	0.0015 (J)	
3/15/2018	0.0013 (J)	
9/13/2018	0.0013 (J)	
3/15/2019	0.0012 (J)	
9/11/2019	0.00135 (JD)	
3/9/2020	0.0016 (J)	
9/14/2020	0.0017 (J)	
3/11/2021	0.0025 (J)	
8/4/2021	0.0017 (J)	
1/31/2022		0.0021 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.01	
5/18/2016	<0.01	
7/28/2016	0.0026 (J)	
9/21/2016	0.0044 (J)	
11/7/2016	0.0044 (J)	
1/24/2017	0.0049 (J)	
3/30/2017	0.0041 (J)	
6/9/2017	0.0054 (J)	
9/29/2017	0.0038 (J)	
3/15/2018	0.0026 (J)	
9/14/2018	0.0017 (J)	
3/19/2019	0.00069 (J)	
9/11/2019	0.00075 (J)	
3/9/2020	0.0028 (J)	
9/14/2020	0.0014 (J)	
3/15/2021	0.00056 (J)	
8/5/2021	0.0025 (J)	
2/1/2022		0.00066 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.005	
10/25/2007	<0.005	
11/19/2007	<0.005	
1/23/2008	0.0073	
3/11/2008	0.0025	
5/12/2008	<0.005	
12/11/2008	<0.005	
4/15/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/12/2010	<0.005	
4/28/2011	<0.005	
10/19/2011	<0.005	
5/2/2012	<0.005	
10/9/2012	0.0024	
4/11/2013	0.002	
10/16/2013	0.0023	
4/23/2014	0.003	
10/3/2014	0.0034	
3/31/2015	0.00079 (J)	
10/12/2015	0.00063 (J)	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	0.0005 (J)	
9/27/2016	<0.005	
11/11/2016	0.0006 (J)	
1/31/2017	0.0007 (J)	
4/3/2017	0.0005 (J)	
6/12/2017	0.0004 (J)	
10/3/2017	0.0003 (J)	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	0.00031 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	0.0038	
11/20/2007	<0.005	
1/23/2008	0.0047	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/11/2008	<0.005	
4/23/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/11/2010	<0.005	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	0.0013 (J)	
10/3/2014	0.00071 (J)	
4/1/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/18/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.01	
8/2/2016	0.0018 (J)	
9/27/2016	0.0011 (J)	
11/21/2016	0.0008 (J)	
2/1/2017	0.0008 (J)	
4/6/2017	0.0008 (J)	
6/13/2017	0.0007 (J)	
7/14/2017	0.0005 (J)	
10/3/2017	0.0007 (J)	
3/20/2018	0.00076 (J)	
9/18/2018	0.00055 (J)	
3/21/2019	0.00059 (J)	
9/13/2019	0.00099 (J)	
3/12/2020	0.00031 (J)	
9/16/2020	0.00072 (J)	
3/17/2021	0.00045 (J)	
8/10/2021	0.00087 (J)	
2/2/2022		0.00042 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	0.0013 (J)	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.0014	
3/30/2016	<0.005	
5/24/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/22/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019	<0.005	
9/16/2019	<0.005 (D)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.0018	
6/18/2015	0.0018 (D)	
7/2/2015	0.0013	
10/8/2015	<0.005	
3/22/2016	<0.005	
5/25/2016	<0.005	
8/2/2016	<0.005	
9/26/2016	<0.005	
11/21/2016	<0.005	
2/3/2017	<0.005	
4/7/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0034	
1/15/2008	0.0067	
3/6/2008	0.13 (O)	
5/13/2008	<0.005	
12/12/2008	0.0042	
4/16/2009	0.0047	
10/13/2009	0.0037	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	0.0013	
4/9/2014	0.0013 (J)	
9/30/2014	<0.005	
4/2/2015	0.00064 (J)	
10/10/2015	0.0015 (D)	
3/30/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	0.00044 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		0.00043 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.0066	
10/23/2007	0.0076	
11/18/2007	0.0055 (J)	
1/30/2008	0.0094	
3/10/2008	0.0056	
5/13/2008	0.0027	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0076	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	0.005 (J)	
9/30/2014	<0.005	
3/30/2015	0.0033 (J)	
10/13/2015	0.0013 (J)	
3/22/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0004 (J)	
10/2/2017	0.0003 (J)	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.0088	
11/18/2007	0.0075	
1/31/2008	<0.005	
3/11/2008	0.0068	
5/6/2008	<0.005	
12/4/2008	0.013	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	0.0027	
4/13/2011	0.0029	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	0.0032 (J)	
3/30/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	0.0025 (J)	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	0.01273 (D)	
3/11/2020	0.0002 (J)	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0036	
10/24/2007	<0.005	
11/18/2007	0.013	
1/31/2008	0.0069	
3/10/2008	0.0044	
5/13/2008	0.0033	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	0.005 (J)	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	0.0006 (J)	
4/3/2017	0.0004 (J)	
10/2/2017	0.0003 (J)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00055 (J)	
3/11/2020	0.0011 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	0.0013 (J)	
2/1/2022		0.00096 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005	
7/27/2016	0.0271 (o)	
2/21/2017	<0.005	
3/27/2017	<0.005	
9/29/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	0.002 (J)	
3/14/2019	<0.005	
3/9/2020	0.011 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	0.0005 (J)	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.0007 (J)	
9/10/2020	<0.005	
3/12/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.017	
11/2/2007	0.016	
11/18/2007	0.048	
1/31/2008	0.039	
3/11/2008	0.037	
5/14/2008	0.051	
12/5/2008	0.038	
4/15/2009	0.033	
10/8/2009	0.037	
4/28/2010	0.037	
10/6/2010	0.041	
4/21/2011	0.034	
10/13/2011	0.048	
5/1/2012	0.0427	
10/9/2012	0.038	
4/11/2013	0.038	
10/16/2013	0.036	
4/23/2014	0.03	
10/4/2014	0.029	
3/31/2015	0.026	
10/12/2015	0.05	
3/23/2016	0.0297	
7/29/2016	0.0419	
3/30/2017	0.0392	
10/4/2017	0.0343	
3/19/2018	0.033	
9/17/2018	0.033	
3/20/2019	0.026	
9/13/2019	0.026	
3/11/2020	0.027	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	0.0022 (J)	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	0.0007 (J)	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005	
9/25/2017	0.0003 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	0.00038 (JD)	
3/6/2020	0.00093 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0005 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
9/25/2017	0.0007 (J)	
3/14/2018	0.0021 (J)	
9/12/2018	<0.005	
3/14/2019	0.0022 (J)	
9/10/2019	0.0022 (J)	
3/9/2020	0.0014 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	0.0008 (J)	
1/31/2022		0.0028 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	0.003 (J)	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00019 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/22/2017	0.0004 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00036 (J)	
3/9/2020	0.00035 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022		0.0014 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/22/2017	0.0006 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	0.0015 (J)	
9/11/2019	0.00026 (J)	
3/9/2020	0.00035 (J)	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	0.0004 (J)	
10/3/2017	<0.005 (D)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.00045 (JD)	
3/12/2020	0.0002 (J)	
9/17/2020	<0.005	
3/16/2021	<0.005	
8/10/2021	<0.005	
2/3/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.018	
4/23/2009	0.013	
10/6/2009	0.012	
4/27/2010	0.0095	
9/30/2010	0.0087	
4/14/2011	0.0061	
10/5/2011	<0.025	
4/11/2012	<0.025	
10/2/2012	<0.025	
4/9/2013	0.0053	
10/15/2013	0.0076	
4/10/2014	0.005	
10/1/2014	0.0047 (J)	
3/30/2015	0.0048 (J)	
10/11/2015	0.0055	
3/28/2016	<0.025	
8/1/2016	0.0025 (J)	
4/7/2017	0.003 (J)	
10/2/2017	0.0031 (J)	
3/16/2018	0.0037 (J)	
9/17/2018	0.0028 (J)	
3/19/2019	0.0023 (J)	
9/13/2019	0.0023 (J)	
3/11/2020	0.0026 (J)	
9/16/2020	0.0018 (J)	
3/17/2021	0.0019 (J)	
8/9/2021	0.0017 (J)	
2/1/2022		0.0017 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.064 (O)	
4/23/2009	0.034	
10/6/2009	0.026	
5/3/2010	0.014	
10/11/2010	0.014	
4/27/2011	0.028	
10/19/2011	<0.013	
5/1/2012	0.0198	
10/2/2012	0.011	
4/10/2013	0.018	
10/16/2013	0.016	
4/22/2014	0.014	
10/1/2014	0.0041 (J)	
3/30/2015	0.012	
10/11/2015	0.0049 (J)	
3/28/2016	0.00734 (J)	
8/1/2016	0.0049 (J)	
4/3/2017	0.0023 (J)	
10/2/2017	0.0023 (J)	
3/16/2018	0.0035 (J)	
9/18/2018	0.0041 (J)	
3/19/2019	0.0029 (J)	
9/12/2019	0.0028 (J)	
3/11/2020	0.0035 (J)	
9/15/2020	0.0031 (J)	
3/17/2021	0.0024 (J)	
8/9/2021	0.0028 (J)	
2/2/2022		0.0033 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.0058	
11/1/2007	<0.005	
11/20/2007	0.006	
1/30/2008	0.0037	
3/6/2008	0.004	
5/12/2008	<0.005	
12/13/2008	0.0051	
4/29/2009	0.003	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.0027 (J)	
3/31/2016	<0.005	
8/5/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.007	
11/1/2007	<0.005	
11/20/2007	0.0032	
1/30/2008	0.0039	
3/6/2008	<0.005	
5/8/2008	0.0039	
12/14/2008	0.0046	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.00029 (J)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.0037	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	0.0028	
4/12/2011	<0.005	
10/4/2011	0.013	
4/3/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	0.00084 (J)	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	0.00023 (J)	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.0032	
11/1/2007	0.0031	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	0.0029	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.005 (J)	
10/2/2014	0.0022 (J)	
4/1/2015	0.019	
10/11/2015	0.013	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	0.00031 (J)	
3/12/2020	0.00032 (J)	
9/21/2020	<0.005	
3/19/2021	0.0018 (J)	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0029	
1/16/2008	0.0067	
3/5/2008	0.0058	
5/13/2008	<0.005	
12/13/2008	<0.005	
4/16/2009	0.0032	
10/21/2009	<0.005	
4/27/2010	0.0034	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	0.0063	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	0.0017 (J)	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/11/2017	0.0003 (J)	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005 (D)	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0035	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.0028	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	0.0003 (J)	
10/9/2017	0.0005 (J)	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019	<0.005	
9/18/2019	0.00057 (J)	
3/13/2020	0.00033 (J)	
9/22/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/17/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0043	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.013	
4/29/2009	0.0029	
10/21/2009	<0.005	
4/28/2010	0.0032	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	0.005 (J)	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	0.00021 (X)	
3/17/2020	0.00045 (J)	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0048 (J)	
11/2/2007	<0.005	
11/17/2007	0.0031	
1/15/2008	0.0033	
3/5/2008	0.0026	
5/7/2008	0.0028	
12/2/2008	0.0029	
4/16/2009	0.0035	
10/20/2009	0.0056	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	0.0012 (J)	
4/5/2016	<0.005	
8/9/2016	<0.005	
4/11/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	0.02	
1/15/2008	0.0043	
3/6/2008	<0.005	
5/7/2008	0.0026	
12/2/2008	<0.005	
4/28/2009	0.003	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	0.0025	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	0.00093 (J)	
4/5/2016	<0.005	
8/4/2016	0.0007 (J)	
4/12/2017	<0.005	
10/6/2017	0.0003 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.00029 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.021	
11/2/2007	0.0037	
11/18/2007	0.007 (J)	
1/15/2008	0.0055	
3/10/2008	0.0042	
5/13/2008	<0.005	
12/2/2008	0.0039	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	0.005 (J)	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
4/11/2017	0.0003 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.0002 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/7/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	0.0005 (J)	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	<0.005 (*)	
9/26/2017	0.0006 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/11/2019	0.00043 (J)	
3/10/2020	0.00067 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	0.0006 (J)	
1/31/2022		0.00053 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	0.0032 (JD)	
11/4/2016	0.0006 (JD)	
1/23/2017	0.0008 (JD)	
3/29/2017	0.0005 (JD)	
9/27/2017	0.0014 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	0.012 (JD)	
3/10/2020	0.00031 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	0.0022 (JD)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	0.0008 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.0011 (J)	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/12/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.001 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	0.0011 (J)	
3/16/2018	<0.005	
9/13/2018	<0.005	
3/19/2019	<0.005	
9/11/2019	0.0008 (J)	
3/9/2020	0.00032 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.005	
5/17/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.0018 (J)	
11/4/2016	<0.005	
1/23/2017	<0.005	
3/28/2017	<0.005 (*)	
9/29/2017	0.0003 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/11/2019	0.000535 (JD)	
3/9/2020	0.00035 (J)	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.005	
5/18/2016	<0.005	
7/28/2016	0.0007 (J)	
9/21/2016	0.0018 (J)	
11/7/2016	<0.005	
1/24/2017	<0.005	
3/30/2017	0.0003 (J)	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/11/2019	0.00021 (J)	
3/9/2020	0.00035 (J)	
9/14/2020	<0.005	
3/15/2021	<0.005	
8/5/2021	0.00061 (J)	
2/1/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0064	
10/25/2007	0.0081	
11/19/2007	0.0059	
1/23/2008	0.018	
3/11/2008	0.027	
5/12/2008	0.016	
12/11/2008	0.016	
4/15/2009	0.017	
10/9/2009	0.045	
5/4/2010	0.031	
10/12/2010	0.024	
4/28/2011	0.0044	
10/19/2011	0.038	
5/2/2012	0.0865 (O)	
10/9/2012	0.053	
4/11/2013	0.04	
10/16/2013	0.054	
4/23/2014	0.054	
10/3/2014	0.066	
3/31/2015	0.025	
10/12/2015	0.018	
3/28/2016	0.0256	
8/1/2016	0.0178 (J)	
4/3/2017	0.0272	
10/3/2017	0.0239 (J)	
3/19/2018	0.021 (J)	
9/17/2018	0.018 (J)	
3/20/2019	0.023 (J)	
9/16/2019	0.016 (J)	
3/16/2020	0.012 (J)	
9/16/2020	0.017 (J)	
3/17/2021	0.019	
8/9/2021	0.026	
2/2/2022		0.024

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.0033	
10/25/2007	<0.005	
11/20/2007	0.0052	
1/23/2008	0.0069	
3/11/2008	0.0029	
5/14/2008	0.0035	
12/11/2008	<0.005	
4/23/2009	0.0038	
10/9/2009	0.0032	
5/4/2010	<0.005	
10/11/2010	0.0029	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	0.005 (J)	
10/3/2014	0.00091 (J)	
4/1/2015	0.0011 (J)	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	0.0018 (J)	
9/16/2019	<0.005	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	0.00028 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	<0.005	
4/6/2017	0.0004 (J)	
10/3/2017	0.0006 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005	
9/13/2019	0.00025 (J)	
3/12/2020	0.00021 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.002 (J)	
3/30/2016	<0.005	
8/2/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019	<0.005	
9/16/2019	<0.005 (D)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	0.005 (D)	
7/2/2015	<0.005	
10/8/2015	0.00091 (J)	
3/22/2016	<0.005	
8/2/2016	<0.005	
4/7/2017	<0.005	
10/3/2017	0.0003 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	0.00024 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	0.0047	
11/19/2007	0.0067 (J)	
1/15/2008	0.01	
3/6/2008	0.007	
5/13/2008	<0.005	
12/12/2008	0.0048	
4/16/2009	0.0042	
10/13/2009	0.0034	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.00345 (D)	
3/30/2016	<0.005	
8/5/2016	<0.005	
4/6/2017	0.0003 (J)	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	0.00021 (J)	
3/12/2020	0.00031 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.001	
10/23/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/5/2008	<0.001	
4/15/2009	<0.001	
10/7/2009	<0.001	
5/3/2010	<0.001	
10/12/2010	<0.001	
4/27/2011	<0.001	
10/17/2011	<0.001	
5/2/2012	<0.001	
10/8/2012	<0.001	
4/12/2013	<0.001	
10/16/2013	<0.001	
4/11/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	0.0028 (J)	
10/13/2015	<0.001	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	0.0002 (J)	
9/23/2016	<0.001	
11/9/2016	0.0004 (J)	
1/30/2017	<0.001	
3/30/2017	8E-05 (J)	
6/9/2017	0.0001 (J)	
10/2/2017	0.0002 (J)	
3/16/2018	<0.001	
9/17/2018	<0.001 (D)	
3/20/2019	<0.001	
9/12/2019	<0.001	
3/11/2020	<0.001	
9/15/2020	9.3E-05 (J)	
3/16/2021	5.2E-05 (J)	
8/9/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.001	
10/24/2007	<0.001	
11/18/2007	<0.001	
1/31/2008	<0.001	
3/11/2008	<0.001	
5/6/2008	<0.001	
12/4/2008	<0.001	
4/21/2009	<0.001	
10/7/2009	<0.001	
4/26/2010	<0.001	
10/4/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/11/2012	<0.001	
10/9/2012	<0.001	
4/15/2013	<0.001	
10/15/2013	<0.001	
4/22/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	<0.001	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/29/2016	0.0001 (J)	
9/23/2016	<0.001	
11/9/2016	<0.001	
1/31/2017	<0.001	
3/30/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/19/2018	<0.001	
9/14/2018	<0.001	
3/20/2019	<0.001	
9/12/2019	0.002536 (D)	
3/11/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.001	
10/24/2007	<0.001	
11/18/2007	<0.001	
1/31/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/4/2008	<0.001	
4/21/2009	<0.001	
10/8/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/9/2012	<0.001	
4/11/2013	<0.001	
10/16/2013	<0.001	
4/10/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	<0.001	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	<0.001	
9/22/2016	<0.001	
11/10/2016	<0.001	
1/31/2017	<0.001	
4/3/2017	<0.001	
6/9/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/19/2019	<0.001	
9/13/2019	<0.001	
3/11/2020	5.8E-05 (J)	
9/15/2020	5E-05 (J)	
3/16/2021	7E-05 (J)	
8/9/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.001 (D)	
7/27/2016	0.0011 (JD)	
2/21/2017	<0.001	
3/27/2017	<0.001 (D)	
6/8/2017	<0.001 (D)	
7/17/2017	<0.001 (D)	
7/27/2017	0.0001 (J)	
8/9/2017	<0.001	
9/29/2017	<0.001 (D)	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/14/2019	<0.001	
3/9/2020	0.00027 (J)	
9/16/2020	0.0005 (J)	
3/16/2021	0.0002 (J)	
8/6/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.001	
5/11/2016	<0.001	
7/19/2016	<0.001	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001 (*)	
6/7/2017	8E-05 (J)	
9/26/2017	0.0002 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/15/2019	<0.001	
9/9/2019	<0.001	
3/9/2020	5.5E-05 (J)	
9/10/2020	<0.001	
3/12/2021	0.0002 (J)	
8/4/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.001	
5/11/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/24/2017	<0.001 (*)	
5/24/2017	0.0001 (J)	
9/26/2017	0.0001 (J)	
3/14/2018	0.00046 (J)	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/9/2019	<0.001	
3/9/2020	9.5E-05 (J)	
9/11/2020	<0.001	
3/10/2021	<0.001	
8/4/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.001	
5/12/2016	<0.001	
7/20/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/18/2017	<0.001	
3/24/2017	<0.001	
6/6/2017	<0.001	
9/25/2017	<0.001	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/14/2019	<0.001	
9/10/2019	<0.001 (D)	
3/6/2020	9.1E-05 (J)	
9/10/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.001	
5/13/2016	<0.001	
7/21/2016	0.0001 (J)	
9/21/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/6/2017	<0.001	
9/25/2017	0.0001 (J)	
3/14/2018	0.00031 (J)	
9/12/2018	<0.001	
3/14/2019	0.00031 (J)	
9/10/2019	<0.001	
3/9/2020	4.9E-05 (J)	
9/10/2020	<0.001	
3/10/2021	0.00012 (J)	
8/4/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.001	
5/16/2016	<0.001	
7/22/2016	0.0001 (J)	
9/19/2016	0.0002 (J)	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/7/2017	<0.001	
9/26/2017	<0.001	
3/14/2018	<0.001	
9/14/2018	<0.001	
3/14/2019	<0.001	
9/10/2019	<0.001	
3/6/2020	0.00011 (J)	
9/10/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001	
6/6/2017	7E-05 (J)	
9/22/2017	8E-05 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/11/2019	0.0001 (J)	
3/9/2020	9.1E-05 (J)	
9/11/2020	4.6E-05 (J)	
3/11/2021	6.3E-05 (J)	
8/6/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001	
6/6/2017	0.0001 (J)	
9/22/2017	7E-05 (J)	
3/15/2018	0.0038 (J)	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/11/2019	9.2E-05 (J)	
3/9/2020	9.6E-05 (J)	
9/14/2020	6.6E-05 (J)	
3/11/2021	0.00013 (J)	
8/5/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0002 (J)	
4/7/2017	<0.001	
6/14/2017	<0.001 (D)	
7/12/2017	<0.001 (D)	
7/20/2017	<0.001 (D)	
7/28/2017	<0.001	
8/9/2017	<0.001	
8/24/2017	<0.001	
10/3/2017	<0.001 (D)	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/21/2019	<0.001 (D)	
9/12/2019	6.5E-05 (JD)	
3/12/2020	<0.001	
9/17/2020	<0.001	
3/16/2021	<0.001	
8/10/2021	<0.001	
2/3/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.001	
4/23/2009	<0.001	
10/6/2009	<0.001	
4/27/2010	<0.001	
9/30/2010	<0.001	
4/14/2011	<0.001	
10/5/2011	<0.001	
4/11/2012	<0.001	
10/2/2012	<0.001	
4/9/2013	<0.001	
10/15/2013	<0.001	
4/10/2014	<0.001	
10/1/2014	<0.001	
3/30/2015	<0.001	
10/11/2015	<0.001	
3/28/2016	<0.001	
5/23/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	0.0001 (J)	
11/10/2016	<0.001	
1/30/2017	<0.001	
4/7/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	0.0003 (J)	
3/16/2018	<0.001	
9/17/2018	<0.001	
3/19/2019	<0.001	
9/13/2019	<0.001	
3/11/2020	<0.001	
9/16/2020	9.3E-05 (J)	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.001	
4/23/2009	<0.001	
10/6/2009	<0.001	
5/3/2010	<0.001	
10/11/2010	<0.001	
4/27/2011	<0.001	
10/19/2011	<0.001	
5/1/2012	0.0012	
10/2/2012	<0.001	
4/10/2013	<0.001	
10/16/2013	<0.001	
4/22/2014	<0.001	
10/1/2014	<0.001	
3/30/2015	<0.001	
10/11/2015	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	<0.001	
11/11/2016	<0.001	
1/30/2017	<0.001	
4/3/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/18/2018	<0.001	
3/19/2019	<0.001	
9/12/2019	<0.001	
3/11/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.001	
11/1/2007	<0.001	
11/20/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/12/2008	<0.001	
12/13/2008	<0.001	
4/29/2009	<0.001	
10/20/2009	<0.001	
4/26/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/4/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/15/2013	<0.001	
4/9/2014	<0.001	
10/2/2014	<0.001	
4/2/2015	<0.001	
10/10/2015	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
8/5/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/7/2017	<0.001	
4/10/2017	<0.001	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
9/18/2018	<0.001	
3/22/2019	<0.001	
9/17/2019	4.7E-05 (J)	
3/12/2020	<0.001	
9/17/2020	<0.001	
3/18/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.001	
11/1/2007	<0.001	
11/20/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/8/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/21/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/8/2012	<0.001	
4/3/2013	<0.001	
10/15/2013	<0.001	
4/9/2014	<0.001	
10/2/2014	<0.001	
4/2/2015	<0.001	
10/12/2015	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
8/3/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/7/2017	<0.001	
4/10/2017	<0.001	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/22/2019	<0.001	
9/17/2019	0.00017 (J)	
3/12/2020	<0.001	
9/17/2020	<0.001	
3/18/2021	<0.001	
8/11/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.001	
11/1/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/22/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/9/2013	<0.001	
4/2/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/11/2015	<0.001	
4/4/2016	<0.001	
5/26/2016	<0.001	
8/3/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/8/2017	<0.001	
4/10/2017	<0.001	
6/15/2017	9E-05 (J)	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/23/2019	<0.001	
9/17/2019	4.6E-05 (J)	
3/12/2020	5.2E-05 (J)	
9/21/2020	<0.001	
3/19/2021	<0.001	
8/11/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.001	
11/1/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/7/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/22/2009	<0.001	
4/21/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/4/2011	<0.001	
4/4/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/9/2013	<0.001	
4/2/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/11/2015	<0.001	
4/4/2016	<0.001	
5/26/2016	<0.001	
8/4/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/8/2017	<0.001	
4/10/2017	<0.001	
6/15/2017	<0.001	
10/4/2017	<0.001	
3/22/2018	<0.001	
9/18/2018	<0.001	
3/23/2019	<0.001	
9/17/2019	8.2E-05 (J)	
3/12/2020	4.6E-05 (J)	
9/21/2020	<0.001	
3/19/2021	0.00018 (J)	
8/11/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/31/2008	<0.001	
3/5/2008	<0.001	
5/12/2008	<0.001	
12/13/2008	<0.001	
4/28/2009	<0.001	
10/21/2009	<0.001	
4/28/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/18/2011	<0.001	
4/25/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/8/2013	<0.001	
4/1/2014	<0.001	
10/1/2014	<0.001	
4/1/2015	<0.001	
10/15/2015	<0.001	
4/4/2016	<0.001	
5/31/2016	<0.001	
8/4/2016	0.0001 (J)	
9/29/2016	0.0001 (J)	
11/28/2016	<0.001	
2/9/2017	0.0001 (J)	
4/12/2017	<0.001	
6/16/2017	0.0002 (J)	
10/9/2017	0.0001 (J)	
3/21/2018	<0.001	
9/19/2018	<0.001	
3/23/2019	<0.001	
9/18/2019	0.0002 (J)	
3/13/2020	0.00013 (J)	
9/22/2020	0.00015 (J)	
3/18/2021	0.00024 (J)	
8/11/2021	<0.001	
2/17/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/31/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/12/2008	<0.001	
4/29/2009	<0.001	
10/21/2009	<0.001	
4/28/2010	<0.001	
10/6/2010	<0.001	
4/20/2011	<0.001	
10/12/2011	<0.001	
4/25/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/8/2013	<0.001	
4/1/2014	<0.001	
10/1/2014	<0.001	
3/31/2015	<0.001	
10/14/2015	<0.001	
4/4/2016	<0.001	
6/1/2016	<0.001	
2/22/2017	0.0003 (J)	
4/11/2017	<0.001	
6/16/2017	<0.001	
7/12/2017	<0.001	
7/28/2017	<0.001	
8/10/2017	<0.001	
10/6/2017	<0.001	
3/23/2018	<0.001	
9/20/2018	<0.001	
3/22/2019	<0.001	
9/18/2019	4.8E-05 (X)	
3/17/2020	<0.001	
9/22/2020	7.1E-05 (J)	
3/19/2021	7.4E-05 (J)	
8/12/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.001	
11/2/2007	<0.001	
11/17/2007	<0.001	
1/15/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/2/2008	<0.001	
4/16/2009	<0.001	
10/20/2009	<0.001	
4/20/2010	<0.001	
9/29/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/4/2012	<0.001	
10/10/2012	<0.001	
4/15/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/7/2015	<0.001	
4/5/2016	<0.001	
6/1/2016	<0.001	
8/9/2016	<0.001	
11/28/2016	<0.001	
2/9/2017	0.0002 (J)	
4/11/2017	<0.001	
6/14/2017	<0.001	
7/12/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
9/19/2018	<0.001	
3/22/2019	<0.001	
9/17/2019	<0.001	
3/13/2020	<0.001	
9/21/2020	0.00023 (J)	
3/18/2021	<0.001	
8/11/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.001	
11/2/2007	<0.001	
11/17/2007	<0.001	
1/15/2008	<0.001	
3/6/2008	<0.001	
5/7/2008	<0.001	
12/2/2008	<0.001	
4/28/2009	<0.001	
10/19/2009	<0.001	
4/27/2010	<0.001	
10/4/2010	<0.001	
4/18/2011	<0.001	
10/12/2011	<0.001	
4/23/2012	<0.001	
10/10/2012	<0.001	
4/15/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/7/2015	<0.001	
4/5/2016	<0.001	
5/31/2016	<0.001	
8/4/2016	<0.001	
9/29/2016	0.0008 (J)	
11/23/2016	0.0011 (J)	
2/10/2017	<0.001	
4/12/2017	<0.001	
6/15/2017	0.0005 (J)	
10/6/2017	0.0004 (J)	
3/23/2018	0.00028 (J)	
9/19/2018	0.00029 (J)	
3/25/2019	0.00047 (J)	
9/17/2019	0.00016 (J)	
3/13/2020	0.00037 (J)	
9/21/2020	0.00093 (J)	
3/18/2021	0.00036 (J)	
8/11/2021	<0.001	
2/4/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.001	
11/2/2007	<0.001	
11/18/2007	<0.001	
1/15/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/2/2008	<0.001	
4/28/2009	<0.001	
10/20/2009	<0.001	
4/27/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/12/2011	<0.001	
4/25/2012	<0.001	
10/10/2012	<0.001	
4/16/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/6/2015	<0.001	
4/5/2016	<0.001	
5/31/2016	<0.001	
11/23/2016	<0.001	
2/10/2017	<0.001	
4/11/2017	<0.001	
6/15/2017	<0.001	
7/12/2017	<0.001	
7/26/2017	<0.001	
10/6/2017	<0.001	
3/23/2018	<0.001	
9/19/2018	<0.001	
3/22/2019	<0.001	
9/17/2019	<0.001	
3/13/2020	4.8E-05 (J)	
9/21/2020	7.5E-05 (J)	
3/18/2021	4E-05 (J)	
8/11/2021	<0.001	
2/7/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.001	
5/16/2016	<0.001	
7/25/2016	0.0003 (J)	
9/19/2016	0.0002 (J)	
11/3/2016	0.0002 (J)	
1/19/2017	0.0003 (J)	
3/28/2017	<0.001 (*)	
6/5/2017	0.0007 (J)	
9/26/2017	0.0004 (J)	
3/15/2018	0.00064 (J)	
9/12/2018	0.00037 (J)	
3/14/2019	0.00077 (J)	
9/11/2019	0.00047 (J)	
3/10/2020	0.00066 (J)	
9/15/2020	0.00045 (J)	
3/11/2021	0.00053 (J)	
8/4/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.001 (D)	
5/16/2016	<0.001 (D)	
7/25/2016	0.0002 (JD)	
9/19/2016	0.0004 (JD)	
11/4/2016	0.0002 (JD)	
1/23/2017	0.0001 (JD)	
3/29/2017	0.0001 (JD)	
6/7/2017	0.0001 (J)	
9/27/2017	0.0003 (J)	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/14/2019	<0.001 (D)	
9/11/2019	0.00016 (JD)	
3/10/2020	0.00014 (J)	
9/11/2020	0.00012 (J)	
3/11/2021	0.00012 (J)	
8/6/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.001 (D)	
5/16/2016	<0.001 (D)	
7/25/2016	0.0001 (JD)	
9/19/2016	<0.001 (D)	
11/3/2016	<0.001 (D)	
1/20/2017	<0.001 (D)	
3/29/2017	0.0001 (JD)	
6/7/2017	8E-05 (J)	
9/27/2017	9E-05 (J)	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/14/2019	<0.001 (D)	
9/11/2019	<0.001 (D)	
3/10/2020	<0.001	
9/11/2020	<0.001	
3/11/2021	4.5E-05 (J)	
8/6/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.001	
5/18/2016	<0.001	
7/27/2016	9E-05 (J)	
9/20/2016	0.0003 (J)	
11/7/2016	<0.001	
1/23/2017	<0.001	
3/29/2017	<0.001	
6/8/2017	0.0001 (J)	
9/27/2017	<0.001	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/15/2019	<0.001	
9/12/2019	<0.001	
3/9/2020	5.8E-05 (J)	
9/14/2020	<0.001	
3/11/2021	4.8E-05 (J)	
8/5/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.001	
5/18/2016	<0.001	
7/27/2016	9E-05 (J)	
9/20/2016	0.0001 (J)	
11/4/2016	<0.001	
1/20/2017	<0.001	
3/29/2017	<0.001	
6/8/2017	<0.001	
9/27/2017	<0.001	
3/16/2018	<0.001	
9/13/2018	<0.001	
3/19/2019	<0.001	
9/11/2019	8.5E-05 (J)	
3/9/2020	8E-05 (J)	
9/15/2020	<0.001	
3/11/2021	<0.001	
8/5/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.001	
5/17/2016	<0.001	
7/27/2016	<0.001	
9/20/2016	0.0002 (J)	
11/4/2016	<0.001	
1/23/2017	<0.001	
3/28/2017	<0.001 (*)	
6/8/2017	<0.001	
9/29/2017	<0.001	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/15/2019	<0.001	
9/11/2019	0.002529 (D)	
3/9/2020	<0.001	
9/14/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.001	
5/18/2016	<0.001	
7/28/2016	0.0002 (J)	
9/21/2016	<0.001 (*)	
11/7/2016	<0.001	
1/24/2017	0.0002 (J)	
3/30/2017	<0.001	
6/9/2017	<0.001	
9/29/2017	<0.001	
3/15/2018	<0.001	
9/14/2018	<0.001	
3/19/2019	<0.001	
9/11/2019	8.2E-05 (J)	
3/9/2020	0.00017 (J)	
9/14/2020	7.8E-05 (J)	
3/15/2021	4.6E-05 (J)	
8/5/2021	<0.001	
2/1/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.001	
10/25/2007	<0.001	
11/19/2007	<0.001	
1/23/2008	<0.001	
3/11/2008	<0.001	
5/12/2008	<0.001	
12/11/2008	<0.001	
4/15/2009	<0.001	
10/9/2009	<0.001	
5/4/2010	<0.001	
10/12/2010	<0.001	
4/28/2011	<0.001	
10/19/2011	<0.001	
5/2/2012	<0.001	
10/9/2012	<0.001	
4/11/2013	<0.001	
10/16/2013	<0.001	
4/23/2014	<0.001	
10/3/2014	<0.001	
3/31/2015	<0.001	
10/12/2015	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
8/1/2016	<0.001	
9/27/2016	<0.001	
11/11/2016	<0.001	
1/31/2017	<0.001	
4/3/2017	<0.001	
6/12/2017	<0.001	
10/3/2017	<0.001	
3/19/2018	<0.001	
9/17/2018	<0.001	
3/20/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	5.1E-05 (J)	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.001	
10/25/2007	<0.001	
11/20/2007	<0.001	
1/23/2008	<0.001	
3/11/2008	<0.001	
5/14/2008	<0.001	
12/11/2008	<0.001	
4/23/2009	<0.001	
10/9/2009	<0.001	
5/4/2010	<0.001	
10/11/2010	<0.001	
4/26/2011	<0.001	
10/18/2011	<0.001	
5/2/2012	<0.001	
10/8/2012	<0.001	
4/10/2013	<0.001	
10/8/2013	<0.001	
4/14/2014	<0.001	
10/3/2014	<0.001	
4/1/2015	<0.001	
10/9/2015	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	0.0003 (J)	
11/18/2016	<0.001	
2/1/2017	<0.001	
4/6/2017	7E-05 (J)	
6/13/2017	<0.001	
10/3/2017	<0.001	
3/19/2018	<0.001	
9/17/2018	<0.001	
3/21/2019	<0.001	
9/16/2019	0.0001 (J)	
3/12/2020	0.0001 (J)	
9/16/2020	0.00012 (J)	
3/17/2021	7.4E-05 (J)	
8/10/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.001	
6/18/2015	<0.001 (D)	
7/2/2015	<0.001	
10/9/2015	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	<0.001	
11/14/2016	<0.001	
2/1/2017	<0.001	
4/6/2017	7E-05 (J)	
6/13/2017	8E-05 (J)	
10/3/2017	<0.001	
3/20/2018	<0.001	
9/17/2018	<0.001	
3/21/2019	<0.001	
9/16/2019	<0.001	
3/12/2020	7E-05 (J)	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/10/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.001	
8/2/2016	0.0001 (J)	
9/27/2016	0.0001 (J)	
11/21/2016	0.0001 (J)	
2/1/2017	0.0001 (J)	
4/6/2017	0.0002 (J)	
6/13/2017	<0.001	
7/14/2017	<0.001	
10/3/2017	9E-05 (J)	
3/20/2018	<0.001	
9/18/2018	<0.001	
3/21/2019	<0.001	
9/13/2019	<0.001	
3/12/2020	8.2E-05 (J)	
9/16/2020	0.00011 (J)	
3/17/2021	4.9E-05 (J)	
8/10/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.001	
4/30/2012	<0.001	
10/3/2012	<0.001	
4/8/2013	<0.001	
10/9/2013	<0.001	
4/10/2014	<0.001	
10/2/2014	<0.001	
4/3/2015	<0.001	
10/8/2015	<0.001	
3/30/2016	<0.001	
5/24/2016	<0.001	
8/2/2016	<0.001	
9/27/2016	<0.001	
11/22/2016	<0.001	
2/6/2017	<0.001	
4/6/2017	0.0001 (J)	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/27/2019	<0.001	
9/16/2019	<0.001 (D)	
3/12/2020	5.6E-05 (J)	
9/17/2020	8E-05 (J)	
3/17/2021	<0.001	
8/10/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.001	
6/18/2015	<0.001 (D)	
7/2/2015	<0.001	
10/8/2015	<0.001	
3/22/2016	<0.001	
5/25/2016	<0.001	
8/2/2016	0.0002 (J)	
9/26/2016	0.0001 (J)	
11/21/2016	0.0001 (J)	
2/3/2017	0.0002 (J)	
4/7/2017	0.0002 (J)	
6/13/2017	0.0002 (J)	
10/3/2017	0.0002 (J)	
3/20/2018	0.00042 (J)	
9/18/2018	<0.001	
5/6/2019	0.00032 (J)	
9/16/2019	5.4E-05 (J)	
3/16/2020	0.00016 (J)	
9/17/2020	6.5E-05 (J)	
3/18/2021	0.00011 (J)	
8/10/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/15/2008	<0.001	
3/6/2008	<0.001	
5/13/2008	<0.001	
12/12/2008	<0.001	
4/16/2009	<0.001	
10/13/2009	<0.001	
4/21/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/4/2012	0.0012	
10/8/2012	<0.001	
4/8/2013	<0.001	
10/9/2013	<0.001	
4/9/2014	<0.001	
9/30/2014	<0.001	
4/2/2015	<0.001	
10/10/2015	<0.001 (D)	
3/30/2016	<0.001	
5/26/2016	<0.001	
8/5/2016	0.0001 (J)	
9/28/2016	0.0002 (J)	
11/21/2016	0.0002 (J)	
2/6/2017	0.0001 (J)	
4/6/2017	0.0001 (J)	
6/13/2017	8E-05 (J)	
10/3/2017	<0.001	
3/20/2018	<0.001	
9/18/2018	<0.001 (D)	
3/21/2019	<0.001	
9/16/2019	6.1E-05 (J)	
3/12/2020	0.00016 (J)	
9/17/2020	7.9E-05 (J)	
3/18/2021	0.0001 (J)	
8/10/2021	<0.001	
2/2/2022		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	0.0096	
11/18/2007	0.023	
1/30/2008	0.11 (O)	
3/10/2008	0.024	
5/13/2008	0.006	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0096	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.004	
10/13/2015	<0.005	
3/22/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0004 (J)	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	0.00038 (J)	
3/11/2020	0.00068 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.026 (O)	
11/18/2007	0.043 (O)	
1/31/2008	0.0075	
3/11/2008	0.019	
5/6/2008	0.004	
12/4/2008	0.02	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	0.0025	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	0.0028	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0018 (J)	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0006 (J)	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	0.00518 (D)	
3/11/2020	0.0014 (J)	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	0.0025	
11/18/2007	0.0093	
1/31/2008	0.054 (O)	
3/10/2008	0.0054	
5/13/2008	0.0043	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	<0.005	
4/3/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.002 (J)	
9/15/2020	0.0013 (J)	
3/16/2021	<0.005	
8/9/2021	0.00081 (J)	
2/1/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0136 (D)	
7/27/2016	0.0224 (D)	
2/21/2017	0.0007 (J)	
3/27/2017	<0.005 (D)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	0.0017 (J)	
3/9/2020	0.00083 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.00544 (J)	
5/11/2016	0.0149	
7/19/2016	0.0044 (J)	
9/15/2016	0.0047 (J)	
11/2/2016	0.0025 (J)	
1/18/2017	0.004 (J)	
3/28/2017	0.0034 (J)	
9/26/2017	0.0016 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	0.0014 (J)	
3/9/2020	0.04 (o)	
9/10/2020	<0.005	
3/12/2021	0.0015 (J)	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.028	
11/2/2007	0.041	
11/18/2007	0.14 (O)	
1/31/2008	0.053	
3/11/2008	0.076 (o)	
5/14/2008	0.074 (o)	
12/5/2008	0.032	
4/15/2009	0.028	
10/8/2009	0.032	
4/28/2010	0.029	
10/6/2010	0.031	
4/21/2011	0.019	
10/13/2011	0.028	
5/1/2012	0.0253	
10/9/2012	0.023	
4/11/2013	0.021	
10/16/2013	0.018	
4/23/2014	0.015	
10/4/2014	0.017	
3/31/2015	0.045	
10/12/2015	0.019	
3/23/2016	0.019	
7/29/2016	0.0161	
3/30/2017	0.018	
10/4/2017	0.0158	
3/19/2018	0.015	
9/17/2018	0.014	
3/20/2019	0.01	
9/13/2019	0.012	
3/11/2020	0.012	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	0.0006 (J)	
9/15/2016	0.0009 (J)	
11/3/2016	0.0011 (J)	
1/18/2017	0.0007 (J)	
3/24/2017	<0.005 (*)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	0.0004 (JD)	
3/6/2020	0.0089 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0009 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005 (*)	
9/25/2017	0.0012 (J)	
3/14/2018	0.0014 (J)	
9/12/2018	0.0011 (J)	
3/14/2019	0.001 (J)	
9/10/2019	0.00084 (J)	
3/9/2020	0.00036 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		0.00091 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.01	
5/16/2016	0.00233 (J)	
7/22/2016	0.0014 (J)	
9/19/2016	0.0014 (J)	
11/3/2016	0.0013 (J)	
1/17/2017	0.0011 (J)	
3/27/2017	<0.01 (*)	
9/26/2017	0.0011 (J)	
3/14/2018	0.0012 (J)	
9/14/2018	0.0012 (J)	
3/14/2019	0.0015 (J)	
9/10/2019	0.0012 (J)	
3/6/2020	0.0015 (J)	
9/10/2020	0.0011 (J)	
3/11/2021	0.0011 (J)	
8/4/2021	0.0011 (J)	
1/31/2022		0.0011 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00288 (J)	
5/13/2016	<0.005	
7/19/2016	0.0006 (J)	
9/16/2016	0.0008 (J)	
11/2/2016	0.0007 (J)	
1/18/2017	0.0006 (J)	
3/28/2017	<0.005 (*)	
9/22/2017	0.0007 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00082 (J)	
3/9/2020	0.00082 (J)	
9/11/2020	0.00089 (J)	
3/11/2021	<0.005	
8/6/2021	0.00084 (J)	
1/31/2022		0.00077 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	0.0006 (J)	
3/28/2017	<0.005 (*)	
9/22/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.005	
10/3/2017	<0.005 (D)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.00032 (JD)	
3/12/2020	0.00034 (J)	
9/17/2020	<0.005	
3/16/2021	<0.005	
8/10/2021	<0.005	
2/3/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.0035	
4/23/2009	0.0032	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	<0.005	
4/14/2011	0.0028	
10/5/2011	0.0028	
4/11/2012	<0.005	
10/2/2012	0.0026	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0025 (J)	
10/1/2014	<0.005	
3/30/2015	0.0015 (J)	
10/11/2015	0.0013 (J)	
3/28/2016	<0.005	
8/1/2016	<0.005	
4/7/2017	0.0011 (J)	
10/2/2017	0.0013 (J)	
3/16/2018	<0.005	
9/17/2018	0.00096 (J)	
3/19/2019	<0.005	
9/13/2019	0.00063 (J)	
3/11/2020	0.00084 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	0.00077 (J)	
2/1/2022		0.0008 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.0096	
4/23/2009	0.015	
10/6/2009	0.008	
5/3/2010	0.0053	
10/11/2010	0.0061	
4/27/2011	0.0087	
10/19/2011	0.0039	
5/1/2012	0.0054	
10/2/2012	0.0044	
4/10/2013	0.0053	
10/16/2013	0.0047	
4/22/2014	0.0045	
10/1/2014	0.0018 (J)	
3/30/2015	0.0037	
10/11/2015	0.0018 (J)	
3/28/2016	0.0028 (J)	
8/1/2016	<0.01	
4/3/2017	0.0022 (J)	
10/2/2017	0.0021 (J)	
3/16/2018	0.0014 (J)	
9/18/2018	0.0012 (J)	
3/19/2019	0.0016 (J)	
9/12/2019	0.0015 (J)	
3/11/2020	0.001 (J)	
9/15/2020	0.0012 (J)	
3/17/2021	0.0012 (J)	
8/9/2021	0.00097 (J)	
2/2/2022		0.00089 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.01	
11/1/2007	0.0042	
11/20/2007	0.026	
1/30/2008	0.032	
3/6/2008	0.019	
5/12/2008	0.0072	
12/13/2008	0.024	
4/29/2009	0.0026	
10/20/2009	<0.01	
4/26/2010	<0.01	
9/29/2010	0.0042	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/3/2012	0.004	
4/3/2013	0.0028	
10/15/2013	0.0036	
4/9/2014	0.0025 (J)	
10/2/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	<0.01	
3/31/2016	<0.01	
8/5/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	0.0016 (J)	
9/18/2018	<0.01	
3/22/2019	0.0022 (J)	
9/17/2019	<0.01	
3/12/2020	0.0015 (J)	
9/17/2020	<0.01	
3/18/2021	0.00094 (J)	
8/10/2021	0.00081 (J)	
2/4/2022		0.0014 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.005	
11/1/2007	0.006	
11/20/2007	<0.005	
1/30/2008	0.029 (O)	
3/6/2008	<0.005	
5/8/2008	0.0057	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	0.0006 (J)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	0.00043 (J)	
9/17/2020	<0.005	
3/18/2021	0.0011 (J)	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.0087	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	0.0042	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.0025 (J)	
10/2/2014	0.0016 (J)	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	0.0046	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0041	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	0.0047	
1/16/2008	0.029	
3/5/2008	0.023	
5/13/2008	0.0032	
12/13/2008	<0.01	
4/16/2009	<0.01	
10/21/2009	<0.01	
4/27/2010	<0.01	
10/5/2010	<0.01	
4/19/2011	0.0025	
10/12/2011	<0.01	
4/24/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	0.003	
10/9/2013	<0.01	
4/1/2014	0.0025 (J)	
10/2/2014	<0.01	
4/1/2015	0.0014 (J)	
10/14/2015	0.0021 (J)	
4/4/2016	0.00264 (J)	
8/3/2016	<0.01	
4/11/2017	0.0027 (J)	
10/4/2017	0.0022 (J)	
3/22/2018	0.0025 (J)	
9/18/2018	0.0024 (J)	
3/23/2019	0.0026 (J)	
9/17/2019	0.0033 (JD)	
3/12/2020	0.0022 (J)	
9/21/2020	0.0019 (J)	
3/19/2021	0.0022 (J)	
8/11/2021	0.0019 (J)	
2/2/2022		0.0025 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0076	
11/1/2007	0.0043	
11/19/2007	0.0061	
1/31/2008	0.015	
3/5/2008	<0.005	
5/12/2008	0.0035	
12/13/2008	0.0079	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	0.0031	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	<0.005	
10/9/2017	<0.005	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019	<0.005	
9/18/2019	0.00046 (J)	
3/13/2020	<0.005	
9/22/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/17/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	0.0033	
11/19/2007	0.0029	
1/31/2008	0.0039	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.022 (O)	
4/29/2009	0.0034	
10/21/2009	<0.005	
4/28/2010	0.0026	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	0.00082 (J)	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	0.0029	
11/17/2007	0.0086	
1/15/2008	0.011	
3/5/2008	0.0072	
5/7/2008	0.0045	
12/2/2008	0.011	
4/16/2009	0.0061	
10/20/2009	0.01	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
8/9/2016	0.0021 (J)	
4/11/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	0.00096 (J)	
3/22/2019	<0.005	
9/17/2019	0.0007 (X)	
3/13/2020	0.00078 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.0089	
11/2/2007	0.0036	
11/17/2007	0.014 (O)	
1/15/2008	0.0096	
3/6/2008	0.0038	
5/7/2008	0.0056	
12/2/2008	0.003	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	0.004	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	<0.005	
10/6/2017	0.001 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	0.0011 (J)	
9/17/2019	0.00057 (J)	
3/13/2020	0.00072 (J)	
9/21/2020	0.0015 (J)	
3/18/2021	0.00079 (J)	
8/11/2021	<0.005	
2/4/2022		0.00093 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	0.0088 (J)	
1/15/2008	0.019	
3/10/2008	0.017	
5/13/2008	0.0058	
12/2/2008	0.0043	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/7/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	0.0006 (J)	
9/19/2016	0.0008 (J)	
11/3/2016	0.0007 (J)	
1/19/2017	0.0009 (J)	
3/28/2017	<0.005 (*)	
9/26/2017	0.0007 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/11/2019	0.00058 (J)	
3/10/2020	0.00086 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.01 (D)	
5/16/2016	0.00316 (JD)	
7/25/2016	0.0013 (JD)	
9/19/2016	0.0013 (JD)	
11/4/2016	0.0015 (JD)	
1/23/2017	0.0015 (JD)	
3/29/2017	0.0012 (JD)	
9/27/2017	0.0014 (J)	
3/15/2018	0.0011 (J)	
9/13/2018	0.001 (J)	
3/14/2019	0.001 (JD)	
9/11/2019	0.0012 (JD)	
3/10/2020	0.0012 (J)	
9/11/2020	0.00099 (J)	
3/11/2021	0.00092 (J)	
8/6/2021	0.00098 (J)	
2/1/2022		0.0011 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005 (D)	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	0.00095 (J)	
2/1/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	0.0013 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	<0.005	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	0.0004 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/12/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	0.0007 (J)	
9/20/2016	0.0007 (J)	
11/4/2016	0.0006 (J)	
1/20/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	<0.005	
3/16/2018	<0.005	
9/13/2018	<0.005	
3/19/2019	0.0042 (J)	
9/11/2019	0.0014 (J)	
3/9/2020	<0.005	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00235 (J)	
5/17/2016	0.00489 (J)	
7/27/2016	0.0036 (J)	
9/20/2016	0.0035 (J)	
11/4/2016	0.0035 (J)	
1/23/2017	<0.01	
3/28/2017	0.0033 (J)	
9/29/2017	0.0036 (J)	
3/15/2018	0.0033 (J)	
9/13/2018	0.0038 (J)	
3/15/2019	0.0033 (J)	
9/11/2019	0.00405 (JD)	
3/9/2020	0.0039 (J)	
9/14/2020	0.0046 (J)	
3/11/2021	0.0047 (J)	
8/4/2021	0.0045 (J)	
1/31/2022		0.0052

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/21/2016	<0.005	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/11/2020	0.0004 (J)	
9/11/2020	<0.005	
3/15/2021	<0.005	
8/11/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.00778 (J)	
5/18/2016	<0.01	
7/28/2016	0.0024 (J)	
9/21/2016	0.0044 (J)	
11/7/2016	0.0035 (J)	
1/24/2017	0.005 (J)	
3/30/2017	0.0046 (J)	
9/29/2017	0.004 (J)	
3/15/2018	0.0028 (J)	
9/14/2018	0.0024 (J)	
3/19/2019	0.0047 (J)	
9/11/2019	0.0012 (J)	
3/9/2020	0.003 (J)	
9/14/2020	0.0014 (J)	
3/15/2021	0.0013 (J)	
8/5/2021	0.0023 (J)	
2/1/2022		0.0014 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0069	
10/25/2007	0.038	
11/19/2007	0.025	
1/23/2008	0.047	
3/11/2008	0.042	
5/12/2008	0.031	
12/11/2008	0.027	
4/15/2009	0.025	
10/9/2009	0.051	
5/4/2010	0.025	
10/12/2010	0.024	
4/28/2011	0.01	
10/19/2011	0.03	
5/2/2012	0.0429	
10/9/2012	0.033	
4/11/2013	0.02	
10/16/2013	0.028	
4/23/2014	0.024	
10/3/2014	0.032	
3/31/2015	0.012	
10/12/2015	0.012	
3/28/2016	0.0172	
8/1/2016	0.0113	
4/3/2017	0.0114	
10/3/2017	0.0098 (J)	
3/19/2018	0.0092 (J)	
9/17/2018	0.0085 (J)	
3/20/2019	0.008 (J)	
9/16/2019	0.008 (J)	
3/16/2020	0.015	
9/16/2020	0.0075 (J)	
3/17/2021	0.0077	
8/9/2021	0.0089	
2/2/2022		0.0088

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	0.0028	
11/20/2007	0.012	
1/23/2008	0.046 (O)	
3/11/2008	0.0091	
5/14/2008	0.022	
12/11/2008	0.005	
4/23/2009	0.0031	
10/9/2009	0.0053	
5/4/2010	<0.005	
10/11/2010	0.0042	
4/26/2011	0.0051	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	0.0025	
4/14/2014	0.0025 (J)	
10/3/2014	0.0021 (J)	
4/1/2015	0.0026	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	0.0005 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	0.0011 (J)	
4/6/2017	0.0011 (J)	
10/3/2017	0.0012 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	0.00099 (J)	
9/13/2019	0.00061 (J)	
3/12/2020	0.00078 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	0.0009 (J)	
2/2/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.003	
3/30/2016	<0.005	
8/2/2016	<0.005	
4/6/2017	0.0003 (J)	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019	<0.005	
9/16/2019	<0.005 (D)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.002 (J)	
6/18/2015	0.0025 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	<0.005	
8/2/2016	<0.005	
4/7/2017	0.0007 (J)	
10/3/2017	0.0006 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	0.0006 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.0046	
11/1/2007	0.0057	
11/19/2007	0.014 (J)	
1/15/2008	0.057 (O)	
3/6/2008	0.046 (O)	
5/13/2008	0.0069	
12/12/2008	0.0061	
4/16/2009	0.0067 (J)	
10/13/2009	0.0054	
4/21/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/8/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	0.0029	
4/9/2014	0.0025 (J)	
9/30/2014	<0.01	
4/2/2015	0.0016 (J)	
10/10/2015	0.00295 (D)	
3/30/2016	0.00116 (J)	
8/5/2016	<0.01	
4/6/2017	0.001 (J)	
10/3/2017	0.0007 (J)	
3/20/2018	0.00097 (J)	
9/18/2018	<0.01 (D)	
3/21/2019	0.001 (J)	
9/16/2019	0.00062 (J)	
3/12/2020	0.0011 (J)	
9/17/2020	<0.01	
3/18/2021	0.001 (J)	
8/10/2021	0.001 (J)	
2/2/2022		0.0011 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	0.00216 (J)	
7/29/2016	0.001 (J)	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	0.0016 (J)	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	0.0021 (J)	
9/15/2020	<0.005	
3/17/2021	0.0045 (J)	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	0.0021 (J)	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00236 (J)	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	<0.005	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	0.0055	
4/4/2016	0.00286 (J)	
5/31/2016	0.00303 (J)	
8/4/2016	0.005 (J)	
9/29/2016	0.0074 (J)	
11/28/2016	0.0073 (J)	
2/9/2017	0.0067 (J)	
4/12/2017	0.0048 (J)	
6/16/2017	0.007 (J)	
10/9/2017	0.0048 (J)	
3/21/2018	0.0021 (J)	
9/19/2018	0.0019 (J)	
3/23/2019	<0.005	
9/18/2019	0.0018 (J)	
3/13/2020	0.0019 (J)	
9/22/2020	<0.005	
3/18/2021	0.0021 (J)	
8/11/2021	<0.005	
2/17/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	<0.005	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
6/1/2016	<0.005	
2/22/2017	0.0014 (J)	
4/11/2017	0.0024 (J)	
6/16/2017	<0.005	
7/12/2017	0.0019 (J)	
7/28/2017	<0.005	
8/10/2017	0.0019 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	<0.005	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/16/2009	<0.005	
10/20/2009	<0.005	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
6/1/2016	<0.005	
8/9/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
7/12/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.0016 (J)	
9/21/2020	<0.005	
3/18/2021	0.0016 (J)	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	0.0016 (J)	
2/10/2017	<0.005	
4/12/2017	<0.005	
6/15/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.002 (J)	
5/16/2016	0.0021 (J)	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	0.0033 (J)	
6/5/2017	0.0068 (J)	
9/26/2017	0.0037 (J)	
3/15/2018	0.0031 (J)	
9/12/2018	<0.005	
3/14/2019	0.0042 (J)	
9/11/2019	0.0021 (J)	
3/10/2020	0.0063 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	0.0036 (J)	
1/31/2022		0.0018 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	0.0009 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
6/7/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.005	
5/17/2016	<0.005	
7/27/2016	0.0009 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/23/2017	<0.005	
3/28/2017	<0.005	
6/8/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/11/2019	<0.005 (D)	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.005	
10/25/2007	<0.005	
11/19/2007	<0.005	
1/23/2008	<0.005	
3/11/2008	<0.005	
5/12/2008	<0.005	
12/11/2008	<0.005	
4/15/2009	<0.005	
10/9/2009	0.015 (O)	
5/4/2010	<0.005	
10/12/2010	<0.005	
4/28/2011	<0.005	
10/19/2011	<0.005	
5/2/2012	<0.005	
10/9/2012	0.0054	
4/11/2013	0.0072	
10/16/2013	<0.005	
4/23/2014	0.0067	
10/3/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/27/2016	<0.005	
11/11/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	0.0019 (J)	
8/9/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/14/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	0.0038 (J)	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	<0.005	
5/25/2016	<0.005	
8/2/2016	<0.005	
9/26/2016	<0.005	
11/21/2016	<0.005	
2/3/2017	<0.005	
4/7/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	0.0089	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/13/2008	<0.005	
12/12/2008	<0.005	
4/16/2009	<0.005	
10/13/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005 (D)	
3/30/2016	0.00202 (J)	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0012 (JD)	
2/21/2017	<0.005	
3/27/2017	<0.005 (D)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.005	
4/23/2009	<0.005	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	<0.005	
4/14/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/2/2012	<0.005	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0025 (J)	
10/1/2014	<0.005	
3/30/2015	<0.005	
10/11/2015	<0.005	
3/28/2016	<0.005	
8/1/2016	0.0004 (J)	
4/7/2017	0.0005 (J)	
10/2/2017	0.0006 (J)	
3/16/2018	<0.005	
9/17/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00045 (J)	
3/11/2020	0.00039 (J)	
9/16/2020	0.00042 (J)	
3/17/2021	0.00044 (J)	
8/9/2021	<0.005	
2/1/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.0025	
4/23/2009	<0.0025	
10/6/2009	0.0048	
5/3/2010	<0.0025	
10/11/2010	<0.0025	
4/27/2011	0.004	
10/19/2011	<0.0025	
5/1/2012	<0.0025	
10/2/2012	<0.0025	
4/10/2013	<0.0025	
10/16/2013	0.0034	
4/22/2014	0.0034	
10/1/2014	0.0012 (J)	
3/30/2015	0.003	
10/11/2015	0.0018 (J)	
3/28/2016	0.0022 (J)	
8/1/2016	0.0016 (J)	
4/3/2017	0.0022 (J)	
10/2/2017	0.0021 (J)	
3/16/2018	0.0023 (J)	
9/18/2018	0.0017 (J)	
3/19/2019	0.0017 (J)	
9/12/2019	0.0028 (J)	
3/11/2020	0.0013 (J)	
9/15/2020	0.0012 (J)	
3/17/2021	0.0026 (J)	
8/9/2021	0.0015 (J)	
2/2/2022		0.0012 (J)

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/16/2008	<0.005	
3/5/2008	0.0046	
5/13/2008	<0.005	
12/13/2008	<0.005	
4/16/2009	<0.005	
10/21/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/11/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005 (D)	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/2/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	<0.005	
4/29/2009	0.0026	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	<0.005	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022		<0.005

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.01	
10/23/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/7/2009	0.0099	
5/3/2010	<0.01	
10/12/2010	<0.01	
4/27/2011	<0.01	
10/17/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/12/2013	<0.01	
10/16/2013	<0.01	
4/11/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	0.0067	
10/13/2015	<0.01	
3/22/2016	0.00214 (J)	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/17/2018	<0.01 (D)	
3/20/2019	<0.01	
9/12/2019	<0.01	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/16/2021	<0.01	
8/9/2021	<0.01	
2/1/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	0.0051	
1/31/2008	<0.01	
3/11/2008	0.0032	
5/6/2008	<0.01	
12/4/2008	0.016 (O)	
4/21/2009	0.005	
10/7/2009	<0.01	
4/26/2010	<0.01	
10/4/2010	0.0025	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/11/2012	<0.01	
10/9/2012	<0.01	
4/15/2013	<0.01	
10/15/2013	<0.01	
4/22/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	0.0016 (J)	
10/13/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/2/2017	<0.01	
3/19/2018	<0.01	
9/14/2018	<0.01	
3/20/2019	<0.01	
9/12/2019	<0.01 (D)	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/17/2021	<0.01	
8/9/2021	<0.01	
2/1/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	<0.01	
1/31/2008	0.0078	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/4/2008	<0.01	
4/21/2009	0.0036	
10/8/2009	<0.01	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/10/2014	0.005 (J)	
9/30/2014	<0.01	
3/30/2015	<0.01	
10/13/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
4/3/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/19/2019	<0.01	
9/13/2019	0.001 (J)	
3/11/2020	0.00084 (J)	
9/15/2020	<0.01	
3/16/2021	<0.01	
8/9/2021	<0.01	
2/1/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.01 (D)	
7/27/2016	0.002 (JD)	
2/21/2017	<0.01	
3/27/2017	<0.01 (D)	
9/29/2017	<0.01 (D)	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/14/2019	<0.01	
3/9/2020	<0.01	
9/16/2020	<0.01	
3/16/2021	<0.01	
8/6/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.01	
11/2/2007	<0.01	
11/18/2007	0.0046	
1/31/2008	<0.01	
3/11/2008	<0.01	
5/14/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/8/2009	<0.01	
4/28/2010	<0.01	
10/6/2010	<0.01	
4/21/2011	<0.01	
10/13/2011	<0.01	
5/1/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/23/2014	<0.01	
10/4/2014	<0.01	
3/31/2015	0.0023 (J)	
10/12/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/4/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019	<0.01	
9/13/2019	<0.01	
3/11/2020	<0.01	
3/29/2021	<0.01	
8/9/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00204 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
9/22/2017	<0.01	
3/14/2018	<0.01	
9/12/2018	<0.01	
3/13/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	<0.01	
9/11/2020	<0.01	
3/11/2021	<0.01	
8/6/2021	<0.01	
1/31/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00202 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
9/22/2017	<0.01	
3/15/2018	<0.01	
9/12/2018	<0.01	
3/13/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	0.00074 (J)	
9/14/2020	<0.01	
3/11/2021	<0.01	
8/5/2021	<0.01	
1/31/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.01	
10/3/2017	<0.01 (D)	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/21/2019	<0.01 (D)	
9/12/2019	0.00084 (JD)	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/16/2021	<0.01	
8/10/2021	<0.01	
2/3/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.01	
4/23/2009	0.0065	
10/6/2009	0.0026	
5/3/2010	0.0028	
10/11/2010	0.0035	
4/27/2011	0.0047	
10/19/2011	<0.01	
5/1/2012	<0.01	
10/2/2012	<0.01	
4/10/2013	<0.01	
10/16/2013	<0.01	
4/22/2014	0.005 (J)	
10/1/2014	<0.01	
3/30/2015	0.0032 (J)	
10/11/2015	<0.01	
3/28/2016	<0.01	
8/1/2016	<0.01	
4/3/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/18/2018	<0.01	
3/19/2019	<0.01	
9/12/2019	<0.01	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/17/2021	<0.01	
8/9/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.01	
11/1/2007	<0.01	
11/20/2007	0.0034	
1/30/2008	0.005	
3/6/2008	0.0032	
5/12/2008	<0.01	
12/13/2008	0.0082	
4/29/2009	<0.01	
10/20/2009	<0.01	
4/26/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/15/2013	<0.01	
4/9/2014	<0.01	
10/2/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	<0.01	
3/31/2016	<0.01	
8/5/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01	
3/22/2019	<0.01	
9/17/2019	<0.01	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/18/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.01	
11/1/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/5/2008	<0.01	
5/7/2008	0.0029	
12/14/2008	0.0026	
4/29/2009	<0.01	
10/22/2009	0.0026	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/9/2013	<0.01	
4/2/2014	<0.01	
10/2/2014	<0.01	
4/1/2015	<0.01	
10/11/2015	<0.01	
4/4/2016	<0.01	
8/3/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	<0.01	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/23/2019	<0.01	
9/17/2019	<0.01	
3/12/2020	<0.01	
9/21/2020	<0.01	
3/19/2021	<0.01	
8/11/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.01	
11/1/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/6/2008	0.0047	
5/7/2008	0.003	
12/14/2008	0.0056	
4/29/2009	0.018 (O)	
10/22/2009	0.0079	
4/21/2010	0.0075	
9/29/2010	0.0065	
4/13/2011	0.004	
10/4/2011	0.0054	
4/4/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/9/2013	<0.01	
4/2/2014	0.005 (J)	
10/2/2014	<0.01	
4/1/2015	0.0067	
10/11/2015	0.0049 (J)	
4/4/2016	0.00251 (J)	
8/4/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	0.0015 (J)	
3/22/2018	<0.01	
9/18/2018	0.0022 (J)	
3/23/2019	<0.01	
9/17/2019	<0.01	
3/12/2020	<0.01	
9/21/2020	<0.01	
3/19/2021	<0.01	
8/11/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	<0.01	
1/16/2008	0.0071	
3/5/2008	0.0031	
5/13/2008	<0.01	
12/13/2008	<0.01	
4/16/2009	0.0037	
10/21/2009	0.0047	
4/27/2010	0.0082	
10/5/2010	<0.01	
4/19/2011	0.0036	
10/12/2011	<0.01	
4/24/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/9/2013	<0.01	
4/1/2014	<0.01	
10/2/2014	<0.01	
4/1/2015	<0.01	
10/14/2015	0.0022 (J)	
4/4/2016	<0.01	
8/3/2016	<0.01	
4/11/2017	<0.01	
10/4/2017	<0.01	
3/22/2018	<0.01	
9/18/2018	<0.01	
3/23/2019	<0.01	
9/17/2019	<0.01 (D)	
3/12/2020	<0.01	
9/21/2020	<0.01	
3/19/2021	<0.01	
8/11/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	0.0035	
1/31/2008	0.0039	
3/5/2008	<0.01	
5/12/2008	0.0064	
12/13/2008	0.02 (O)	
4/28/2009	0.0039	
10/21/2009	0.0037	
4/28/2010	<0.01	
10/5/2010	<0.01	
4/19/2011	0.0025	
10/18/2011	0.0037	
4/25/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/8/2013	<0.01	
4/1/2014	0.005 (J)	
10/1/2014	<0.01	
4/1/2015	0.0019 (J)	
10/15/2015	<0.01	
4/4/2016	0.00211 (J)	
8/4/2016	<0.01	
4/12/2017	0.0016 (J)	
10/9/2017	<0.01	
3/21/2018	<0.01	
9/19/2018	0.0022 (J)	
3/23/2019	<0.01	
9/18/2019	<0.01	
3/13/2020	0.002 (J)	
9/22/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	0.0021 (J)	
2/17/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.01	
11/1/2007	0.0048	
11/19/2007	0.0054	
1/31/2008	0.003	
3/5/2008	<0.01	
5/7/2008	0.0041	
12/12/2008	0.023 (O)	
4/29/2009	0.006	
10/21/2009	0.022 (O)	
4/28/2010	0.011	
10/6/2010	0.0064	
4/20/2011	0.0046	
10/12/2011	<0.01	
4/25/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/8/2013	<0.01	
4/1/2014	0.005 (J)	
10/1/2014	<0.01	
3/31/2015	<0.01	
10/14/2015	<0.01	
4/4/2016	<0.01	
4/11/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/20/2018	<0.01	
3/22/2019	<0.01	
9/18/2019	<0.01	
3/17/2020	<0.01	
9/22/2020	<0.01	
3/19/2021	<0.01	
8/12/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.012	
11/2/2007	<0.01	
11/17/2007	0.0043	
1/15/2008	0.0037	
3/5/2008	0.0049	
5/7/2008	<0.01	
12/2/2008	0.0097	
4/16/2009	0.0061	
10/20/2009	0.0092	
4/20/2010	<0.01	
9/29/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
10/10/2012	<0.01	
4/15/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	0.005 (J)	
9/30/2014	<0.01	
4/3/2015	0.001 (J)	
10/7/2015	<0.01	
4/5/2016	<0.01	
8/9/2016	<0.01	
4/11/2017	<0.01	
10/5/2017	<0.01	
3/22/2018	<0.01	
9/19/2018	<0.01	
3/22/2019	<0.01	
9/17/2019	<0.01	
3/13/2020	<0.01	
9/21/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.01	
11/2/2007	<0.01	
11/17/2007	<0.01	
1/15/2008	<0.01	
3/6/2008	<0.01	
5/7/2008	<0.01	
12/2/2008	<0.01	
4/28/2009	<0.01	
10/19/2009	<0.01	
4/27/2010	<0.01	
10/4/2010	<0.01	
4/18/2011	<0.01	
10/12/2011	<0.01	
4/23/2012	<0.01	
10/10/2012	<0.01	
4/15/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	<0.01	
9/30/2014	<0.01	
4/3/2015	<0.01	
10/7/2015	<0.01	
4/5/2016	<0.01	
8/4/2016	<0.01	
4/12/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/19/2018	<0.01	
3/25/2019	<0.01	
9/17/2019	<0.01	
3/13/2020	0.00077 (J)	
9/21/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	<0.01	
2/4/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.0027	
11/2/2007	0.012	
11/18/2007	0.016 (J)	
1/15/2008	0.018	
3/10/2008	0.014	
5/13/2008	0.013	
12/2/2008	0.016	
4/28/2009	0.016	
10/20/2009	0.021	
4/27/2010	0.012	
10/5/2010	0.011	
4/19/2011	0.012	
10/12/2011	0.0031	
4/25/2012	<0.01	
10/10/2012	<0.01	
4/16/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	0.005 (J)	
9/30/2014	<0.01	
4/3/2015	0.0016 (J)	
10/6/2015	0.002 (J)	
4/5/2016	0.00036 (J)	
4/11/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/19/2018	<0.01	
3/22/2019	<0.01	
9/17/2019	<0.01	
3/13/2020	0.00095 (J)	
9/21/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	<0.01	
2/7/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.01 (D)	
5/16/2016	<0.01 (D)	
7/25/2016	0.0022 (JD)	
9/19/2016	<0.01 (D)	
11/4/2016	<0.01 (D)	
1/23/2017	<0.01 (D)	
3/29/2017	<0.01 (D)	
9/27/2017	<0.01	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/14/2019	<0.01 (D)	
9/11/2019	<0.01 (D)	
3/10/2020	<0.01	
9/11/2020	<0.01	
3/11/2021	<0.01	
8/6/2021	<0.01	
2/1/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.01	
5/18/2016	<0.01	
7/27/2016	<0.01	
9/20/2016	<0.01	
11/4/2016	<0.01	
1/20/2017	<0.01	
3/29/2017	<0.01	
9/27/2017	<0.01	
3/16/2018	<0.01	
9/13/2018	<0.01	
3/19/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	0.00075 (J)	
9/15/2020	<0.01	
3/11/2021	<0.01	
8/5/2021	<0.01	
2/1/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0032	
10/25/2007	<0.01	
11/19/2007	<0.01	
1/23/2008	<0.01	
3/11/2008	<0.01	
5/12/2008	<0.01	
12/11/2008	<0.01	
4/15/2009	<0.01	
10/9/2009	<0.01	
5/4/2010	<0.01	
10/12/2010	<0.01	
4/28/2011	<0.01	
10/19/2011	<0.01	
5/2/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/23/2014	<0.01	
10/3/2014	0.00097 (J)	
3/31/2015	0.00096 (J)	
10/12/2015	<0.01	
3/28/2016	<0.01	
8/1/2016	<0.01	
4/3/2017	<0.01	
10/3/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019	<0.01	
9/16/2019	<0.01	
3/16/2020	<0.01	
9/16/2020	<0.01	
3/17/2021	<0.01	
8/9/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.01	
10/25/2007	<0.01	
11/20/2007	<0.01	
1/23/2008	0.007	
3/11/2008	0.0033	
5/14/2008	0.0043	
12/11/2008	<0.01	
4/23/2009	<0.01	
10/9/2009	0.0043	
5/4/2010	0.0027	
10/11/2010	0.0034	
4/26/2011	<0.01	
10/18/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/10/2013	<0.01	
10/8/2013	<0.01	
4/14/2014	0.005 (J)	
10/3/2014	0.0016 (J)	
4/1/2015	0.0021 (J)	
10/9/2015	<0.01	
3/29/2016	<0.01	
8/1/2016	<0.01	
4/6/2017	<0.01	
10/3/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/21/2019	<0.01	
9/16/2019	<0.01	
3/12/2020	<0.01	
9/16/2020	<0.01	
3/17/2021	<0.01	
8/10/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.01	
4/30/2012	<0.01	
10/3/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	<0.01	
4/10/2014	0.005 (J)	
10/2/2014	<0.01	
4/3/2015	<0.01	
10/8/2015	0.0056	
3/30/2016	<0.01	
8/2/2016	<0.01	
4/6/2017	<0.01	
10/4/2017	<0.01	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/27/2019	<0.01	
9/16/2019	<0.01 (D)	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/17/2021	<0.01	
8/10/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.01	
6/18/2015	0.005 (D)	
7/2/2015	<0.01	
10/8/2015	<0.01	
3/22/2016	<0.01	
8/2/2016	<0.01	
4/7/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01	
5/6/2019	<0.01	
9/16/2019	<0.01	
3/16/2020	<0.01	
9/17/2020	<0.01	
3/18/2021	<0.01	
8/10/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	0.0052	
1/15/2008	0.0065	
3/6/2008	0.0028	
5/13/2008	<0.01	
12/12/2008	<0.01	
4/16/2009	0.0033	
10/13/2009	<0.01	
4/21/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/8/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	<0.01	
4/9/2014	<0.01	
9/30/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	0.0032 (D)	
3/30/2016	<0.01	
8/5/2016	<0.01	
4/6/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01 (D)	
3/21/2019	<0.01	
9/16/2019	<0.01	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/18/2021	<0.01	
8/10/2021	<0.01	
2/2/2022		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.032 (O)	
10/23/2007	0.0099	
11/18/2007	0.0095 (J)	
1/30/2008	0.022 (O)	
3/10/2008	0.014	
5/13/2008	0.0075	
12/5/2008	0.0056 (J)	
4/15/2009	0.0033	
10/7/2009	0.061 (O)	
5/3/2010	0.0033	
10/12/2010	0.0041	
4/27/2011	<0.02	
10/17/2011	0.0046	
5/2/2012	<0.02	
10/8/2012	0.0053	
4/12/2013	0.006	
10/16/2013	0.0048	
4/11/2014	0.0033	
9/30/2014	0.002 (J)	
3/30/2015	0.012	
10/13/2015	0.011	
3/22/2016	0.00346 (J)	
7/29/2016	<0.02	
3/30/2017	<0.02	
10/2/2017	<0.02	
3/16/2018	<0.02	
9/17/2018	<0.02 (D)	
3/20/2019	<0.02	
9/12/2019	0.0047 (J)	
3/11/2020	0.0035 (J)	
9/15/2020	<0.02	
3/16/2021	0.0091 (J)	
8/9/2021	<0.02	
2/1/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0033	
10/24/2007	0.043 (O)	
11/18/2007	0.024	
1/31/2008	0.015	
3/11/2008	0.027	
5/6/2008	0.0032	
12/4/2008	0.081 (O)	
4/21/2009	0.0057	
10/7/2009	<0.02	
4/26/2010	<0.02	
10/4/2010	0.0057	
4/13/2011	<0.02	
10/5/2011	<0.02	
4/11/2012	<0.02	
10/9/2012	<0.02	
4/15/2013	0.0038	
10/15/2013	0.0044	
4/22/2014	0.0025 (J)	
9/30/2014	0.00076 (J)	
3/30/2015	0.0024 (J)	
10/13/2015	0.0017 (J)	
3/23/2016	<0.02	
7/29/2016	<0.02	
3/30/2017	<0.02	
10/2/2017	<0.02	
3/19/2018	<0.02	
9/14/2018	<0.02	
3/20/2019	<0.02	
9/12/2019	0.00505 (JD)	
3/11/2020	0.0028 (J)	
9/15/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/1/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0079	
10/24/2007	<0.02	
11/18/2007	0.015	
1/31/2008	0.063 (O)	
3/10/2008	0.013 (J)	
5/13/2008	0.0072	
12/4/2008	0.011 (J)	
4/21/2009	0.0041	
10/8/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.0081	
4/12/2011	0.0025	
10/4/2011	0.0027	
4/3/2012	<0.02	
10/9/2012	0.0064	
4/11/2013	<0.02	
10/16/2013	<0.02	
4/10/2014	0.0026	
9/30/2014	0.0012 (J)	
3/30/2015	0.013	
10/13/2015	0.0043	
3/23/2016	<0.02	
7/29/2016	<0.02	
4/3/2017	<0.02	
10/2/2017	<0.02	
3/16/2018	<0.02	
9/14/2018	<0.02	
3/19/2019	<0.02	
9/13/2019	0.0078 (J)	
3/11/2020	0.0038 (J)	
9/15/2020	<0.02	
3/16/2021	<0.02	
8/9/2021	<0.02	
2/1/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.02 (D)	
7/27/2016	<0.02 (*)	
2/21/2017	0.0049 (J)	
3/27/2017	<0.02 (*)	
9/29/2017	0.0012 (JD)	
3/16/2018	0.0042 (J)	
9/14/2018	<0.02	
3/14/2019	0.0035 (J)	
3/9/2020	0.009 (J)	
9/16/2020	<0.02	
3/16/2021	<0.02	
8/6/2021	<0.02	
2/2/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.02	
5/11/2016	0.00467 (J)	
7/19/2016	<0.02 (*)	
9/15/2016	0.0044 (J)	
11/2/2016	0.0043 (J)	
1/18/2017	<0.02 (*)	
3/28/2017	<0.02 (*)	
9/26/2017	0.0029 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/15/2019	0.0023 (J)	
9/9/2019	0.0047 (J)	
3/9/2020	0.0035 (J)	
9/10/2020	<0.02	
3/12/2021	0.0065 (J)	
8/4/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.066	
11/2/2007	0.055	
11/18/2007	0.13	
1/31/2008	0.13	
3/11/2008	0.07	
5/14/2008	0.12	
12/5/2008	0.088	
4/15/2009	0.068	
10/8/2009	0.075	
4/28/2010	0.071	
10/6/2010	0.074	
4/21/2011	0.047	
10/13/2011	0.073	
5/1/2012	0.0652	
10/9/2012	0.061	
4/11/2013	0.053	
10/16/2013	0.047	
4/23/2014	0.041	
10/4/2014	0.044 (V)	
3/31/2015	0.12	
10/12/2015	0.053	
3/23/2016	0.0532	
7/29/2016	0.0446	
3/30/2017	0.0479	
10/4/2017	0.0429	
3/19/2018	<0.02	
9/17/2018	0.04	
3/20/2019	0.028	
9/13/2019	0.036	
3/11/2020	0.031	
3/29/2021	<0.02	
8/9/2021	<0.02	
2/2/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.02	
5/11/2016	<0.02	
7/21/2016	<0.02 (*)	
9/15/2016	<0.02	
11/3/2016	<0.02	
1/17/2017	<0.02	
3/24/2017	<0.02 (*)	
9/26/2017	0.0019 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	<0.02	
9/9/2019	0.0058 (J)	
3/9/2020	0.002 (J)	
9/11/2020	<0.02	
3/10/2021	<0.02	
8/4/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.02	
5/12/2016	<0.02	
7/20/2016	<0.02	
9/15/2016	0.0027 (J)	
11/3/2016	<0.02	
1/18/2017	<0.02 (*)	
3/24/2017	<0.02 (*)	
9/25/2017	<0.02	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/14/2019	<0.02	
9/10/2019	0.00745 (JD)	
3/6/2020	0.0027 (J)	
9/10/2020	<0.02	
3/11/2021	<0.02	
8/4/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.00286 (J)	
5/13/2016	<0.02	
7/21/2016	<0.02 (*)	
9/21/2016	<0.02	
11/3/2016	<0.02	
1/17/2017	<0.02	
3/27/2017	<0.02 (*)	
9/25/2017	0.0023 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/14/2019	0.0021 (J)	
9/10/2019	0.0075 (J)	
3/9/2020	0.0024 (J)	
9/10/2020	<0.02	
3/10/2021	<0.02	
8/4/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.00862 (J)	
5/16/2016	0.00744 (J)	
7/22/2016	<0.02 (*)	
9/19/2016	0.0162	
11/3/2016	0.011	
1/17/2017	0.0104	
3/27/2017	<0.02 (*)	
9/26/2017	0.0094 (J)	
3/14/2018	<0.02	
9/14/2018	<0.02	
3/14/2019	0.01	
9/10/2019	0.014	
3/6/2020	0.012	
9/10/2020	0.0073 (J)	
3/11/2021	0.0089 (J)	
8/4/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0093 (J)	
5/13/2016	0.00336 (J)	
7/19/2016	<0.02 (*)	
9/16/2016	0.0023 (J)	
11/2/2016	0.0047 (J)	
1/18/2017	<0.02	
3/28/2017	<0.02 (*)	
9/22/2017	0.0013 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	0.0022 (J)	
9/11/2019	0.0065 (J)	
3/9/2020	0.002 (J)	
9/11/2020	<0.02	
3/11/2021	<0.02	
8/6/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00722 (J)	
5/13/2016	0.00666 (J)	
7/19/2016	<0.02 (*)	
9/16/2016	<0.02	
11/2/2016	0.0057 (J)	
1/18/2017	0.0022 (J)	
3/28/2017	<0.02	
9/22/2017	0.0014 (J)	
3/15/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	0.0023 (J)	
9/11/2019	0.0053 (J)	
3/9/2020	0.0022 (J)	
9/14/2020	<0.02	
3/11/2021	<0.02	
8/5/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.02	
10/3/2017	<0.02 (D)	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/21/2019	0.0034 (JD)	
9/12/2019	0.0072 (JD)	
3/12/2020	0.0027 (J)	
9/17/2020	0.0047 (J)	
3/16/2021	<0.02	
8/10/2021	<0.02	
2/3/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.048 (O)	
4/23/2009	0.0075	
10/6/2009	0.0075	
4/27/2010	0.0051	
9/30/2010	0.0089	
4/14/2011	0.0043	
10/5/2011	0.0051	
4/11/2012	<0.02	
10/2/2012	0.006	
4/9/2013	0.0034	
10/15/2013	0.0042	
4/10/2014	0.0035	
10/1/2014	0.0019 (J)	
3/30/2015	0.0032	
10/11/2015	0.0048	
3/28/2016	0.00282 (J)	
8/1/2016	<0.02	
4/7/2017	<0.02	
10/2/2017	0.0015 (J)	
3/16/2018	<0.02	
9/17/2018	<0.02	
3/19/2019	<0.02	
9/13/2019	0.0061 (J)	
3/11/2020	0.0025 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/1/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.013 (J)	
4/23/2009	0.075 (O)	
10/6/2009	0.056 (O)	
5/3/2010	0.051 (O)	
10/11/2010	0.016	
4/27/2011	0.025 (O)	
10/19/2011	0.0078	
5/1/2012	0.0134	
10/2/2012	0.012	
4/10/2013	0.018	
10/16/2013	0.015	
4/22/2014	0.015	
10/1/2014	0.0038	
3/30/2015	0.0097	
10/11/2015	0.0024 (J)	
3/28/2016	0.00703 (J)	
8/1/2016	<0.02	
4/3/2017	<0.02	
10/2/2017	0.0016 (J)	
3/16/2018	<0.02	
9/18/2018	<0.02	
3/19/2019	<0.02	
9/12/2019	0.0058 (J)	
3/11/2020	0.0033 (J)	
9/15/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/2/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.031	
11/1/2007	0.0041	
11/20/2007	0.056	
1/30/2008	0.032	
3/6/2008	0.03	
5/12/2008	0.008	
12/13/2008	0.056	
4/29/2009	0.057	
10/20/2009	0.0037	
4/26/2010	<0.02	
9/29/2010	0.012	
4/13/2011	<0.02	
10/5/2011	0.0031	
4/4/2012	<0.02	
10/3/2012	0.0085	
4/3/2013	0.0061	
10/15/2013	0.008	
4/9/2014	0.0048	
10/2/2014	0.0023 (JV)	
4/2/2015	0.0023 (J)	
10/10/2015	0.0024 (J)	
3/31/2016	<0.02	
8/5/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0012 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02	
3/22/2019	<0.02	
9/17/2019	0.0052 (J)	
3/12/2020	0.0024 (J)	
9/17/2020	<0.02	
3/18/2021	<0.02	
8/10/2021	<0.02	
2/4/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.0066	
11/1/2007	0.0086	
11/20/2007	0.005	
1/30/2008	0.0084	
3/6/2008	0.0073	
5/8/2008	0.0084	
12/14/2008	0.0075 (J)	
4/29/2009	0.0028	
10/21/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.005	
4/12/2011	<0.02	
10/4/2011	0.0088	
4/3/2012	<0.02	
10/8/2012	0.0034	
4/3/2013	<0.02	
10/15/2013	0.0027	
4/9/2014	0.0025 (J)	
10/2/2014	0.0027 (V)	
4/2/2015	0.002 (J)	
10/12/2015	<0.02	
3/31/2016	0.00266 (J)	
8/3/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	<0.02	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/22/2019	<0.02	
9/17/2019	0.0048 (J)	
3/12/2020	0.0027 (J)	
9/17/2020	<0.02	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/4/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.02	
11/1/2007	<0.02	
11/18/2007	<0.02	
1/30/2008	<0.02	
3/5/2008	<0.02	
5/7/2008	0.015	
12/14/2008	0.0086 (J)	
4/29/2009	0.0037	
10/22/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.0042	
4/12/2011	<0.02	
10/4/2011	0.012	
4/3/2012	<0.02	
10/3/2012	<0.02	
4/3/2013	<0.02	
10/9/2013	<0.02	
4/2/2014	0.0063	
10/2/2014	0.0023 (J)	
4/1/2015	0.0017 (J)	
10/11/2015	0.0016 (J)	
4/4/2016	<0.02	
8/3/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0014 (J)	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/23/2019	<0.02	
9/17/2019	0.0056 (J)	
3/12/2020	0.0038 (J)	
9/21/2020	<0.02	
3/19/2021	<0.02	
8/11/2021	<0.02	
2/4/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.02	
11/1/2007	<0.02	
11/18/2007	<0.02	
1/30/2008	<0.02	
3/6/2008	0.0038	
5/7/2008	<0.02	
12/14/2008	0.0031 (J)	
4/29/2009	0.0031	
10/22/2009	0.0029	
4/21/2010	0.0027	
9/29/2010	<0.02	
4/13/2011	<0.02	
10/4/2011	0.003	
4/4/2012	<0.02	
10/3/2012	0.0029	
4/3/2013	0.0035	
10/9/2013	<0.02	
4/2/2014	0.0033	
10/2/2014	0.0027	
4/1/2015	0.013	
10/11/2015	0.017	
4/4/2016	0.00419 (J)	
8/4/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0014 (J)	
3/22/2018	<0.02	
9/18/2018	<0.02	
3/23/2019	<0.02	
9/17/2019	0.0075 (J)	
3/12/2020	0.0053 (J)	
9/21/2020	0.0037 (J)	
3/19/2021	<0.02	
8/11/2021	<0.02	
2/4/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.036	
11/1/2007	0.0041	
11/19/2007	0.015	
1/16/2008	0.074	
3/5/2008	0.055	
5/13/2008	0.035	
12/13/2008	0.012 (J)	
4/16/2009	0.053	
10/21/2009	0.0063	
4/27/2010	0.045	
10/5/2010	0.0047	
4/19/2011	0.0068	
10/12/2011	0.0048	
4/24/2012	<0.0104	
10/2/2012	<0.0104	
4/2/2013	0.0081	
10/9/2013	0.0032	
4/1/2014	0.0025 (J)	
10/2/2014	0.0023 (J)	
4/1/2015	0.0035	
10/14/2015	0.0066	
4/4/2016	0.00858 (J)	
8/3/2016	<0.0104	
4/11/2017	<0.0104	
10/4/2017	0.0104	
3/22/2018	0.014	
9/18/2018	0.013	
3/23/2019	0.012	
9/17/2019	0.018 (D)	
3/12/2020	0.015	
9/21/2020	0.0065 (J)	
3/19/2021	0.0076 (J)	
8/11/2021	0.011 (J)	
2/2/2022		0.019 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0064	
11/1/2007	<0.02	
11/19/2007	0.015	
1/31/2008	0.032 (O)	
3/5/2008	0.0061	
5/12/2008	0.012	
12/13/2008	0.087 (O)	
4/28/2009	0.067 (O)	
10/21/2009	0.025 (O)	
4/28/2010	0.014	
10/5/2010	0.012	
4/19/2011	0.012	
10/18/2011	0.025	
4/25/2012	0.014	
10/2/2012	0.0089	
4/2/2013	0.0082	
10/8/2013	0.015	
4/1/2014	0.0074	
10/1/2014	0.00077 (J)	
4/1/2015	0.0082	
10/15/2015	0.0082	
4/4/2016	0.00818 (J)	
8/4/2016	<0.02	
4/12/2017	<0.02	
10/9/2017	<0.02	
3/21/2018	<0.02	
9/19/2018	<0.02	
3/23/2019	0.021	
9/18/2019	0.007 (J)	
3/13/2020	0.0043 (J)	
9/22/2020	<0.02	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/17/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.02	
11/1/2007	0.0038	
11/19/2007	0.0055	
1/31/2008	0.0063	
3/5/2008	0.0037	
5/7/2008	0.0033	
12/12/2008	0.097 (O)	
4/29/2009	0.068 (O)	
10/21/2009	0.011	
4/28/2010	0.048 (O)	
10/6/2010	0.003	
4/20/2011	0.0038	
10/12/2011	0.0027	
4/25/2012	<0.02	
10/2/2012	0.0059	
4/2/2013	0.008	
10/8/2013	0.0062	
4/1/2014	0.0067	
10/1/2014	0.0024 (J)	
3/31/2015	0.0046	
10/14/2015	0.002 (J)	
4/4/2016	<0.02	
4/11/2017	<0.02	
10/6/2017	<0.02	
3/23/2018	<0.02	
9/20/2018	<0.02	
3/22/2019	0.0048 (J)	
9/18/2019	0.0091 (X)	
3/17/2020	0.0057 (J)	
9/22/2020	<0.02	
3/19/2021	<0.02	
8/12/2021	<0.02	
2/4/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0036 (J)	
11/2/2007	0.0026 (J)	
11/17/2007	0.024 (O)	
1/15/2008	0.0074	
3/5/2008	0.075 (O)	
5/7/2008	0.0088	
12/2/2008	0.11 (O)	
4/16/2009	0.091 (O)	
10/20/2009	0.056 (O)	
4/20/2010	0.014	
9/29/2010	0.015	
4/12/2011	0.0028	
10/4/2011	0.0025	
4/4/2012	0.0105	
10/10/2012	0.0033	
4/15/2013	0.0031	
10/22/2013	<0.02	
4/21/2014	0.0032	
9/30/2014	0.0015 (J)	
4/3/2015	0.0015 (J)	
10/7/2015	<0.02	
4/5/2016	<0.02	
8/9/2016	0.0016 (J)	
4/11/2017	<0.02	
10/5/2017	0.0024 (J)	
3/22/2018	<0.02	
9/19/2018	<0.02	
3/22/2019	<0.02	
9/17/2019	0.0057 (X)	
3/13/2020	0.0028 (J)	
9/21/2020	<0.02	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/4/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.0038	
11/2/2007	0.0025	
11/17/2007	0.023 (O)	
1/15/2008	0.012	
3/6/2008	0.0069	
5/7/2008	0.007	
12/2/2008	0.021 (O)	
4/28/2009	0.0055	
10/19/2009	0.0051	
4/27/2010	0.0068	
10/4/2010	0.0074	
4/18/2011	0.0031	
10/12/2011	0.0067	
4/23/2012	<0.02	
10/10/2012	0.0046	
4/15/2013	0.006	
10/22/2013	0.0037	
4/21/2014	0.0073	
9/30/2014	0.0027	
4/3/2015	0.0017 (J)	
10/7/2015	0.0042	
4/5/2016	0.000194 (J)	
8/4/2016	<0.02	
4/12/2017	<0.02	
10/6/2017	0.0024 (J)	
3/23/2018	<0.02	
9/19/2018	<0.02	
3/25/2019	0.0039 (J)	
9/17/2019	0.0066 (J)	
3/13/2020	0.0057 (J)	
9/21/2020	0.0036 (J)	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/4/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.052 (O)	
11/2/2007	0.01 (J)	
11/18/2007	0.025 (J)	
1/15/2008	0.055 (O)	
3/10/2008	0.018	
5/13/2008	0.0044	
12/2/2008	0.065 (O)	
4/28/2009	0.0037 (J)	
10/20/2009	0.0043	
4/27/2010	<0.02	
10/5/2010	0.0028	
4/19/2011	<0.02	
10/12/2011	<0.02	
4/25/2012	<0.02	
10/10/2012	<0.02	
4/16/2013	0.005	
10/22/2013	0.0028	
4/21/2014	0.0028	
9/30/2014	0.0018 (J)	
4/3/2015	0.0021 (J)	
10/6/2015	<0.02	
4/5/2016	0.00233 (J)	
4/11/2017	<0.02	
10/6/2017	<0.02	
3/23/2018	<0.02	
9/19/2018	<0.02	
3/22/2019	<0.02	
9/17/2019	0.0048 (X)	
3/13/2020	0.0026 (J)	
9/21/2020	<0.02	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/7/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00622 (J)	
5/16/2016	0.00345 (J)	
7/25/2016	<0.02 (*)	
9/19/2016	0.004 (J)	
11/3/2016	0.0047 (J)	
1/19/2017	0.0035 (J)	
3/28/2017	<0.02 (*)	
9/26/2017	0.0039 (J)	
3/15/2018	<0.02	
9/12/2018	<0.02	
3/14/2019	0.0039 (J)	
9/11/2019	0.0068 (J)	
3/10/2020	0.0049 (J)	
9/15/2020	0.0062 (J)	
3/11/2021	0.004 (J)	
8/4/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.004215 (JD)	
5/16/2016	<0.02 (D)	
7/25/2016	0.006 (D)	
9/19/2016	0.0061 (JD)	
11/4/2016	0.0032 (JD)	
1/23/2017	0.0031 (JD)	
3/29/2017	0.00615 (D)	
9/27/2017	0.0048 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/14/2019	<0.02 (D)	
9/11/2019	0.0065 (JD)	
3/10/2020	0.0031 (J)	
9/11/2020	<0.02	
3/11/2021	<0.02	
8/6/2021	<0.02	
2/1/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.0035415 (JD)	
5/16/2016	0.00452 (JD)	
7/25/2016	0.0065 (D)	
9/19/2016	0.0034 (JD)	
11/3/2016	0.0039 (JD)	
1/20/2017	0.0023 (JD)	
3/29/2017	0.00705 (D)	
9/27/2017	0.0036 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/14/2019	0.0022 (JD)	
9/11/2019	0.0058 (JD)	
3/10/2020	0.0035 (J)	
9/11/2020	<0.02	
3/11/2021	<0.02	
8/6/2021	<0.02	
2/1/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.00373 (J)	
5/17/2016	0.00268 (J)	
7/26/2016	<0.02 (*)	
9/20/2016	0.0058 (J)	
11/4/2016	0.0029 (J)	
1/20/2017	<0.02	
3/28/2017	<0.02 (*)	
9/29/2017	0.0016 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/18/2019	<0.02	
9/11/2019	0.0055 (J)	
3/10/2020	0.0029 (J)	
9/14/2020	<0.02	
3/11/2021	<0.02	
8/5/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.027	
5/18/2016	0.0277	
7/27/2016	0.0221	
9/20/2016	0.03	
11/7/2016	0.0202	
1/23/2017	0.0156	
3/29/2017	<0.036 (*)	
9/27/2017	0.0196	
12/28/2017	0.0315 (Y)	
3/15/2018	<0.036	
9/13/2018	0.031	
3/15/2019	0.051	
9/12/2019	0.035	
3/9/2020	0.044	
9/14/2020	0.032	
3/11/2021	0.047	
8/5/2021	0.037	
2/1/2022		0.038

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0154	
5/18/2016	0.0136	
7/27/2016	0.0153	
9/20/2016	0.0173	
11/4/2016	0.0149	
1/20/2017	0.0134	
3/29/2017	<0.01 (*)	
9/27/2017	0.0111	
3/16/2018	0.012	
9/13/2018	<0.01	
3/19/2019	0.016	
9/11/2019	0.028	
3/9/2020	0.032	
9/15/2020	0.028	
3/11/2021	0.028	
8/5/2021	0.024	
2/1/2022		0.029

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00432 (J)	
5/17/2016	0.00672 (J)	
7/27/2016	<0.02 (*)	
9/20/2016	0.0081 (J)	
11/4/2016	0.0071 (J)	
1/23/2017	<0.02	
3/28/2017	<0.02 (*)	
9/29/2017	0.0055 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/15/2019	0.0058 (J)	
9/11/2019	0.011 (D)	
3/9/2020	0.0079 (J)	
9/14/2020	0.0076 (J)	
3/11/2021	0.0088 (J)	
8/4/2021	<0.02	
1/31/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.02	
5/18/2016	<0.02	
7/27/2016	<0.02 (*)	
9/21/2016	<0.02	
11/4/2016	<0.02	
1/24/2017	<0.02	
3/29/2017	<0.02 (*)	
9/29/2017	<0.02	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/18/2019	<0.02	
9/11/2019	0.005 (J)	
3/11/2020	0.0036 (J)	
9/11/2020	<0.02	
3/15/2021	<0.02	
8/11/2021	<0.02	
2/1/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.02	
5/18/2016	0.00208 (J)	
7/28/2016	<0.02 (*)	
9/21/2016	0.0079 (J)	
11/7/2016	<0.02 (*)	
1/24/2017	0.0053 (J)	
3/30/2017	<0.02 (*)	
9/29/2017	0.004 (J)	
3/15/2018	<0.02	
9/14/2018	<0.02	
3/19/2019	0.0034 (J)	
9/11/2019	0.0085 (J)	
3/9/2020	0.0047 (J)	
9/14/2020	0.0042 (J)	
3/15/2021	<0.02	
8/5/2021	<0.02	
2/1/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.016	
10/25/2007	0.061	
11/19/2007	0.053	
1/23/2008	0.14	
3/11/2008	0.13	
5/12/2008	0.11	
12/11/2008	0.04 (J)	
4/15/2009	0.11	
10/9/2009	0.15	
5/4/2010	0.077	
10/12/2010	0.077	
4/28/2011	0.032	
10/19/2011	0.11	
5/2/2012	0.138	
10/9/2012	0.097	
4/11/2013	0.047	
10/16/2013	0.098	
4/23/2014	0.066	
10/3/2014	0.13 (V)	
3/31/2015	0.05	
10/12/2015	0.048	
3/28/2016	0.0534	
8/1/2016	0.055	
4/3/2017	0.0436	
10/3/2017	0.0393	
3/19/2018	<0.034	
9/17/2018	0.03	
3/20/2019	0.032	
9/16/2019	0.035	
3/16/2020	0.047	
9/16/2020	0.033	
3/17/2021	0.027	
8/9/2021	0.036	
2/2/2022		0.034

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.04 (O)	
10/25/2007	0.0062	
11/20/2007	0.03 (O)	
1/23/2008	0.048 (O)	
3/11/2008	0.016	
5/14/2008	0.02	
12/11/2008	0.021	
4/23/2009	0.0058 (J)	
10/9/2009	0.055 (O)	
5/4/2010	0.045 (O)	
10/11/2010	0.015	
4/26/2011	0.0067	
10/18/2011	0.0055	
5/2/2012	<0.02	
10/8/2012	0.0043	
4/10/2013	0.0067	
10/8/2013	0.0091	
4/14/2014	0.0063	
10/3/2014	0.0065 (V)	
4/1/2015	0.0059	
10/9/2015	<0.02	
3/29/2016	<0.02	
8/1/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	<0.02	
3/19/2018	<0.02	
9/17/2018	<0.02	
3/21/2019	<0.02	
9/16/2019	0.0058 (J)	
3/12/2020	0.0042 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/10/2021	<0.02	
2/2/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.0035	
6/18/2015	0.0025 (D)	
7/2/2015	0.0018 (J)	
10/9/2015	0.0019 (J)	
3/29/2016	0.00786 (J)	
8/1/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	0.0014 (J)	
3/20/2018	<0.02	
9/17/2018	<0.02	
3/21/2019	<0.02	
9/16/2019	0.0057 (J)	
3/12/2020	0.0032 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/10/2021	<0.02	
2/2/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	<0.02	
3/20/2018	<0.02	
9/18/2018	<0.02	
3/21/2019	<0.02	
9/13/2019	0.0053 (J)	
3/12/2020	0.0031 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/10/2021	<0.02	
2/2/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	0.0032	
4/30/2012	<0.02	
10/3/2012	0.0034	
4/8/2013	0.0039	
10/9/2013	0.0078	
4/10/2014	0.0064	
10/2/2014	0.0009 (JV)	
4/3/2015	<0.02	
10/8/2015	0.013	
3/30/2016	0.00308 (J)	
8/2/2016	<0.02	
4/6/2017	<0.02	
10/4/2017	<0.02	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/27/2019	<0.02	
9/16/2019	0.00525 (JD)	
3/12/2020	0.002 (J)	
9/17/2020	<0.02	
3/17/2021	<0.02	
8/10/2021	<0.02	
2/2/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.0017 (J)	
6/18/2015	0.0052 (D)	
7/2/2015	0.0027	
10/8/2015	<0.02	
3/22/2016	0.00302 (J)	
8/2/2016	<0.02	
4/7/2017	<0.02	
10/3/2017	0.0022 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02	
5/6/2019	0.0024 (J)	
9/16/2019	0.0065 (J)	
3/16/2020	0.0073 (J)	
9/17/2020	<0.02	
3/18/2021	<0.02	
8/10/2021	<0.02	
2/2/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/1/2022 7:02 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.011	
11/1/2007	0.012	
11/19/2007	0.026 (J)	
1/15/2008	0.075 (O)	
3/6/2008	0.051 (O)	
5/13/2008	0.0084	
12/12/2008	0.077 (O)	
4/16/2009	0.064 (O)	
10/13/2009	0.013	
4/21/2010	0.0035	
9/29/2010	0.0085	
4/13/2011	0.0028	
10/5/2011	0.0038	
4/4/2012	0.0126	
10/8/2012	0.0043	
4/8/2013	0.0068	
10/9/2013	0.0082	
4/9/2014	0.0043	
9/30/2014	0.0029	
4/2/2015	0.0056	
10/10/2015	0.0065 (D)	
3/30/2016	0.00388 (J)	
8/5/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	0.0023 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02 (D)	
3/21/2019	0.0024 (J)	
9/16/2019	0.0062 (J)	
3/12/2020	0.0045 (J)	
9/17/2020	<0.02	
3/18/2021	<0.02	
8/10/2021	<0.02	
2/2/2022		<0.02

FIGURE L.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:10 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg</u>	<u>N Bg</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Cadmium (mg/L)	GWC-12	0.00051	n/a	2/2/2022	0.0012	Yes	382	n/a	n/a	n/a	93.46	n/a	n/a	0.00004896 NP Inter (NDs) 1 of 2

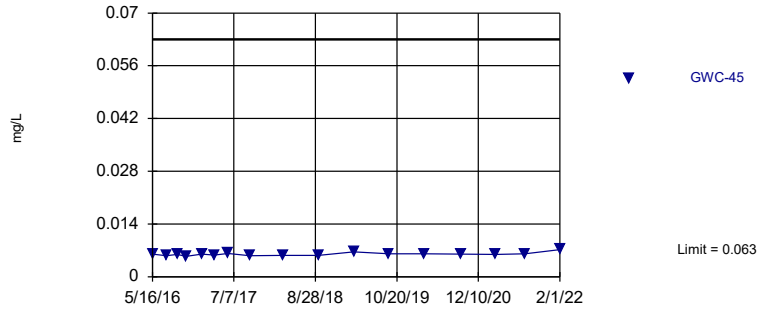
Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-45	0.063	n/a	2/1/2022	0.0072	No	363	n/a	n/a	1.102	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Cadmium (mg/L)	GWC-12	0.00051	n/a	2/2/2022	0.0012	Yes	382	n/a	n/a	93.46	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric



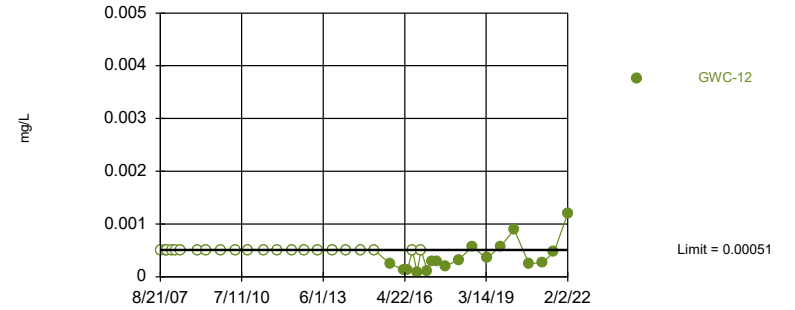
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 363 background values. 1.102% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Barium Analysis Run 4/4/2022 2:09 PM View: Appendix I Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

Exceeds Limit: GWC-12

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 382 background values. 93.46% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Cadmium Analysis Run 4/4/2022 2:09 PM View: Appendix I Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-3A (bg)	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)
8/23/2007	0.02	0.0073	0.0098			0.015 (O)			
10/23/2007	0.039								
10/24/2007		0.027	0.015						
11/2/2007						0.017 (O)			
11/18/2007	0.04 (J)	0.13 (O)	0.011			0.019 (O)			
1/30/2008	0.04								
1/31/2008		0.0077	0.13 (O)			0.011 (O)			
3/10/2008	0.033		0.0078						
3/11/2008		0.015				0.016 (O)			
5/6/2008		0.017							
5/13/2008	0.03		0.0077						
5/14/2008						0.013 (O)			
12/4/2008		0.14 (O)	0.0089						
12/5/2008	0.0087					0.021 (O)			
12/12/2008				0.016	0.098 (O)				
4/15/2009	0.023					0.012 (O)			
4/21/2009		0.018	0.013						
4/23/2009				0.14 (O)	0.013				
10/6/2009				0.12 (O)	0.011				
10/7/2009	0.15 (O)	0.014							
10/8/2009			0.008			0.011 (O)			
4/21/2010			0.01						
4/26/2010		0.017							
4/27/2010					0.016				
4/28/2010						0.0081			
5/3/2010	0.025			0.12 (O)					
9/28/2010			0.0036						
9/30/2010					0.013				
10/4/2010		0.011							
10/6/2010						0.0083			
10/11/2010				0.019					
10/12/2010	0.029								
4/12/2011			0.0084						
4/13/2011		0.026							
4/14/2011					0.011				
4/21/2011						0.0053			
4/27/2011	0.026			0.02					
10/4/2011			0.0066						
10/5/2011		0.021			0.015				
10/13/2011						0.0071			
10/17/2011	0.021								
10/19/2011				0.014					
4/3/2012			0.0625 (O)						
4/11/2012		0.0311			0.0102				
5/1/2012				0.0199		0.0067			
5/2/2012	0.0212								
10/2/2012				0.015	0.0091				
10/8/2012	0.019								
10/9/2012		0.018	0.01			0.0055			
4/9/2013					0.01				
4/10/2013				0.016					
4/11/2013			0.021			0.0061			

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-3A (bg)	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)
4/12/2013	0.022								
4/15/2013		0.056							
10/15/2013		0.018			0.0098				
10/16/2013	0.02		0.033	0.017		0.0062			
4/10/2014			0.021		0.011				
4/11/2014	0.018								
4/22/2014		0.035		0.017					
4/23/2014						0.0047			
9/30/2014	0.013	0.0041	0.0062						
10/1/2014				0.013	0.0033				
10/4/2014						0.0055			
3/30/2015	0.021	0.036	0.011	0.014	0.0043				
3/31/2015						0.0076			
10/11/2015				0.0093	0.0038				
10/12/2015						0.0049			
10/13/2015	0.012	0.0048	0.0065						
3/11/2016							0.00819 (J)	0.00639 (J)	0.0116
3/14/2016									
3/15/2016									
3/16/2016									
3/22/2016	0.0182								
3/23/2016		0.0271	0.0206			0.00742 (J)			
3/28/2016				0.0155	0.0133				
5/11/2016									
5/12/2016									
5/13/2016							0.00756 (J)		0.0361
5/16/2016								0.00622 (J)	
5/19/2016	0.0193		0.0109						
5/20/2016		0.0206							
5/23/2016					0.0109	0.00532 (J)			
5/25/2016				0.0143					
7/19/2016							0.0079 (J)		0.036
7/20/2016									
7/21/2016									
7/22/2016								0.0062 (J)	
7/25/2016									
7/27/2016									
7/29/2016	0.0174	0.0275	0.007 (J)			0.0053 (J)			
8/1/2016				0.0129	0.0058 (J)				
9/15/2016									
9/16/2016							0.0078 (J)		0.0259
9/19/2016								0.0064 (J)	
9/21/2016									
9/22/2016			0.0071 (J)			0.0058 (J)			
9/23/2016	0.0168	0.0384							
9/26/2016				0.0177	0.0092 (J)				
11/2/2016							0.0082 (J)		0.037
11/3/2016								0.0058 (J)	
11/4/2016									
11/9/2016	0.0171	0.0266							
11/10/2016			0.0052 (J)		0.0083 (J)	0.0051 (J)			
11/11/2016				0.0117					

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

GWA-39Z (bg) GWA-41 (bg) GWA-41R (bg) GWA-40 (bg) GWA-39RZ (bg) GWC-45 GWA-4RZ (bg)

8/23/2007
10/23/2007
10/24/2007
11/2/2007
11/18/2007
1/30/2008
1/31/2008
3/10/2008
3/11/2008
5/6/2008
5/13/2008
5/14/2008
12/4/2008
12/5/2008
12/12/2008
4/15/2009
4/21/2009
4/23/2009
10/6/2009
10/7/2009
10/8/2009
4/21/2010
4/26/2010
4/27/2010
4/28/2010
5/3/2010
9/28/2010
9/30/2010
10/4/2010
10/6/2010
10/11/2010
10/12/2010
4/12/2011
4/13/2011
4/14/2011
4/21/2011
4/27/2011
10/4/2011
10/5/2011
10/13/2011
10/17/2011
10/19/2011
4/3/2012
4/11/2012
5/1/2012
5/2/2012
10/2/2012
10/8/2012
10/9/2012
4/9/2013
4/10/2013
4/11/2013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-39RZ (bg)	GWC-45	GWA-4RZ (bg)
4/12/2013							
4/15/2013							
10/15/2013							
10/16/2013							
4/10/2014							
4/11/2014							
4/22/2014							
4/23/2014							
9/30/2014							
10/1/2014							
10/4/2014							
3/30/2015							
3/31/2015							
10/11/2015							
10/12/2015							
10/13/2015							
3/11/2016							
3/14/2016	<0.01						
3/15/2016		0.0291	0.0462	<3 (O)			
3/16/2016						0.317695 (OD)	
3/22/2016							
3/23/2016							
3/28/2016							
5/11/2016	0.00793 (J)			0.00992 (J)			
5/12/2016		0.0322					
5/13/2016			0.0265				
5/16/2016					0.0113 (D)	0.006 (J)	
5/19/2016							
5/20/2016							
5/23/2016							
5/25/2016							
7/19/2016	0.0045 (J)						
7/20/2016		0.0313					
7/21/2016			0.0243	0.009 (J)			
7/22/2016							
7/25/2016						0.0056 (J)	
7/27/2016					0.0114 (D)		
7/29/2016							
8/1/2016							
9/15/2016	0.0057 (J)	0.0217		0.0109			
9/16/2016							
9/19/2016						0.0059 (J)	
9/21/2016			0.0145				
9/22/2016							
9/23/2016							
9/26/2016							
11/2/2016	0.0043 (J)						
11/3/2016		0.0272	0.0082 (J)	0.0115			
11/4/2016						0.0054 (J)	
11/9/2016							
11/10/2016							
11/11/2016							

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWA-1 (bg)	GWA-2R (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-42 (bg)	GWA-43R (bg)
8/21/2007	<0.0005								
8/23/2007		<0.0005	<0.0005	<0.0005	<0.0005				
10/23/2007		<0.0005							
10/24/2007			<0.0005		<0.0005				
11/1/2007	<0.0005								
11/2/2007				<0.0005					
11/18/2007		<0.0005	<0.0005	<0.0005	<0.0005				
11/19/2007	<0.0005								
1/16/2008	<0.0005								
1/30/2008		<0.0005							
1/31/2008			<0.0005	<0.0005	<0.0005				
3/5/2008	<0.0005								
3/10/2008		<0.0005	<0.0005						
3/11/2008				<0.0005	<0.0005				
5/6/2008					<0.0005				
5/13/2008	<0.0005	<0.0005	<0.0005						
5/14/2008				<0.0005					
12/4/2008			<0.0005		<0.0005				
12/5/2008		<0.0005		<0.0005					
12/12/2008						<0.0005	<0.0005		
12/13/2008	<0.0005								
4/15/2009		<0.0005		<0.0005					
4/16/2009	<0.0005								
4/21/2009			<0.0005		<0.0005				
4/23/2009						<0.0005	<0.0005		
10/6/2009						<0.0005	<0.0005		
10/7/2009		<0.0005			<0.0005				
10/8/2009			<0.0005	<0.0005					
10/21/2009	<0.0005								
4/21/2010			<0.0005						
4/26/2010					<0.0005				
4/27/2010	<0.0005					<0.0005			
4/28/2010				<0.0005					
5/3/2010		<0.0005					<0.0005		
9/28/2010			<0.0005						
9/30/2010						<0.0005			
10/4/2010					<0.0005				
10/5/2010	<0.0005								
10/6/2010				<0.0005					
10/11/2010							<0.0005		
10/12/2010		<0.0005							
4/12/2011			<0.0005						
4/13/2011					<0.0005				
4/14/2011						<0.0005			
4/19/2011	<0.0005								
4/21/2011				<0.0005					
4/27/2011		<0.0005					<0.0005		
10/4/2011			<0.0005						
10/5/2011					<0.0005	<0.0005			
10/12/2011	<0.0005								
10/13/2011				<0.0005					
10/17/2011		<0.0005							

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWA-1 (bg)	GWA-2R (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-42 (bg)	GWA-43R (bg)
10/2/2017		<0.0005	<0.0005		<0.0005	<0.0005	<0.0005		
10/3/2017									
10/4/2017	0.0002 (J)			<0.0005					
3/14/2018								0.00011 (J)	
3/15/2018									<0.0005
3/16/2018		<0.0005	<0.0005			<0.0005	<0.0005		
3/19/2018				<0.0005	<0.0005				
3/21/2018									
3/22/2018	0.00032 (J)								
9/12/2018									<0.0005
9/14/2018			<0.0005		<0.0005			0.00013 (J)	
9/17/2018		0.00051 (D)		<0.0005		<0.0005			
9/18/2018	0.00057 (J)						<0.0005		
3/13/2019									<0.0005
3/14/2019								0.00013 (J)	
3/15/2019									
3/19/2019			<0.0005			<0.0005	<0.0005		
3/20/2019		<0.0005		<0.0005	<0.0005				
3/21/2019									
3/23/2019	0.00035 (J)								
9/9/2019									
9/10/2019								0.00014 (J)	
9/11/2019									<0.0005
9/12/2019		<0.0005			<0.0005 (D)		<0.0005		
9/13/2019			<0.0005	<0.0005		<0.0005			
9/17/2019	0.000575 (JD)								
3/6/2020								0.00014 (J)	
3/9/2020									<0.0005
3/11/2020		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
3/12/2020	0.00089 (J)								
9/10/2020								0.00015 (J)	
9/11/2020									
9/14/2020									<0.0005
9/15/2020		<0.0005	<0.0005		<0.0005		<0.0005		
9/16/2020						<0.0005			
9/17/2020									
9/21/2020	0.00025 (J)								
3/10/2021									
3/11/2021								0.00017 (J)	<0.0005
3/12/2021									
3/16/2021		<0.0005	<0.0005						
3/17/2021					<0.0005	0.00012 (J)	<0.0005		
3/19/2021	0.00027 (J)								
3/29/2021				<0.0005					
8/4/2021								0.00014 (J)	
8/5/2021									<0.0005
8/6/2021									
8/9/2021		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
8/10/2021									
8/11/2021	0.00048 (J)								
1/31/2022								0.00018 (J)	<0.0005
2/1/2022		<0.0005	<0.0005		<0.0005	<0.0005			

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

GWA-43 (bg) GWA-39Z (bg) GWA-41R (bg) GWA-41 (bg) GWA-40 (bg) GWA-39RZ (bg) GWA-4RZ (bg)

8/21/2007
8/23/2007
10/23/2007
10/24/2007
11/1/2007
11/2/2007
11/18/2007
11/19/2007
1/16/2008
1/30/2008
1/31/2008
3/5/2008
3/10/2008
3/11/2008
5/6/2008
5/13/2008
5/14/2008
12/4/2008
12/5/2008
12/12/2008
12/13/2008
4/15/2009
4/16/2009
4/21/2009
4/23/2009
10/6/2009
10/7/2009
10/8/2009
10/21/2009
4/21/2010
4/26/2010
4/27/2010
4/28/2010
5/3/2010
9/28/2010
9/30/2010
10/4/2010
10/5/2010
10/6/2010
10/11/2010
10/12/2010
4/12/2011
4/13/2011
4/14/2011
4/19/2011
4/21/2011
4/27/2011
10/4/2011
10/5/2011
10/12/2011
10/13/2011
10/17/2011

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43 (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
10/19/2011							
4/3/2012							
4/11/2012							
4/24/2012							
5/1/2012							
5/2/2012							
10/2/2012							
10/8/2012							
10/9/2012							
4/2/2013							
4/9/2013							
4/10/2013							
4/11/2013							
4/12/2013							
4/15/2013							
10/9/2013							
10/15/2013							
10/16/2013							
4/1/2014							
4/10/2014							
4/11/2014							
4/22/2014							
4/23/2014							
9/30/2014							
10/1/2014							
10/2/2014							
10/4/2014							
3/30/2015							
3/31/2015							
4/1/2015							
10/11/2015							
10/12/2015							
10/13/2015							
10/14/2015							
3/11/2016	<0.0005						
3/14/2016		<0.0005					
3/15/2016			<0.0005	<0.0005	<0.0005		
3/22/2016							
3/23/2016							
3/28/2016							
4/4/2016							
5/11/2016		0.000177 (J)			<0.0005		
5/12/2016				<0.0005			
5/13/2016	<0.0005		<0.0005				
5/16/2016						<0.0005 (D)	
5/19/2016							
5/20/2016							
5/23/2016							
5/25/2016							
5/27/2016							
7/19/2016	<0.0005	0.0001 (J)					
7/20/2016				<0.0005			

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43 (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
7/21/2016			<0.0005		<0.0005		
7/22/2016							
7/27/2016						0.0001 (JD)	
7/29/2016							
8/1/2016							
8/3/2016							
9/15/2016		8E-05 (J)		<0.0005	<0.0005		
9/16/2016	<0.0005						
9/19/2016							
9/21/2016			<0.0005				
9/22/2016							
9/23/2016							
9/26/2016							
9/30/2016							
11/2/2016	<0.0005	<0.0005					
11/3/2016			<0.0005	<0.0005	<0.0005		
11/9/2016							
11/10/2016							
11/11/2016							
11/22/2016							
1/17/2017			<0.0005		<0.0005		
1/18/2017	<0.0005	<0.0005		<0.0005			
1/30/2017							
1/31/2017							
2/13/2017							
2/21/2017						<0.0005	
2/22/2017							<0.0005
3/24/2017				<0.0005	<0.0005		
3/27/2017			<0.0005			<0.0005 (D)	
3/28/2017	<0.0005	<0.0005					
3/30/2017							
4/3/2017							
4/7/2017							<0.0005
4/11/2017							
5/24/2017					<0.0005		
6/6/2017	8E-05 (J)		<0.0005	<0.0005			
6/7/2017		<0.0005					
6/8/2017						<0.0005 (D)	
6/9/2017							
6/12/2017							
6/14/2017							<0.0005 (D)
7/12/2017							<0.0005 (D)
7/17/2017						<0.0005 (D)	
7/20/2017							<0.0005 (D)
7/27/2017						<0.0005	
7/28/2017							<0.0005
8/9/2017						<0.0005	<0.0005
8/24/2017							<0.0005
9/22/2017	<0.0005						
9/25/2017			<0.0005	<0.0005			
9/26/2017		<0.0005			<0.0005		
9/29/2017						<0.0005 (D)	

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/4/2022 2:10 PM View: Appendix I Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43 (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
10/2/2017							
10/3/2017							<0.0005 (D)
10/4/2017							
3/14/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
3/15/2018							
3/16/2018						<0.0005	
3/19/2018							
3/21/2018							<0.0005
3/22/2018							
9/12/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
9/14/2018						<0.0005	
9/17/2018							
9/18/2018							<0.0005
3/13/2019	<0.0005				<0.0005		
3/14/2019			<0.0005	<0.0005		<0.0005	
3/15/2019		<0.0005					
3/19/2019							
3/20/2019							
3/21/2019							<0.0005 (D)
3/23/2019							
9/9/2019		<0.0005			<0.0005		
9/10/2019			<0.0005	<0.0005 (D)			
9/11/2019	<0.0005						
9/12/2019							<0.0005 (D)
9/13/2019							
9/17/2019							
3/6/2020				<0.0005			
3/9/2020	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	
3/11/2020							
3/12/2020							<0.0005
9/10/2020		<0.0005	<0.0005	<0.0005			
9/11/2020	<0.0005				<0.0005		
9/14/2020							
9/15/2020							
9/16/2020						<0.0005	
9/17/2020							<0.0005
9/21/2020							
3/10/2021			<0.0005		<0.0005		
3/11/2021	<0.0005			<0.0005			
3/12/2021		<0.0005					
3/16/2021						<0.0005	<0.0005
3/17/2021							
3/19/2021							
3/29/2021							
8/4/2021		<0.0005	<0.0005	<0.0005	<0.0005		
8/5/2021							
8/6/2021	<0.0005					<0.0005	
8/9/2021							
8/10/2021							<0.0005
8/11/2021							
1/31/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
2/1/2022							

FIGURE M.

Appendix I Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:05 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Beryllium (mg/L)	GWC-5	0.0005	n/a	2/2/2022	0.00075	Yes	284	n/a	n/a	n/a	91.55	n/a	n/a	0.00004896 NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-48	0.000286	n/a	1/31/2022	0.00039	Yes	382	n/a	n/a	n/a	96.6	n/a	n/a	0.00004896 NP Inter (NDs) 1 of 2

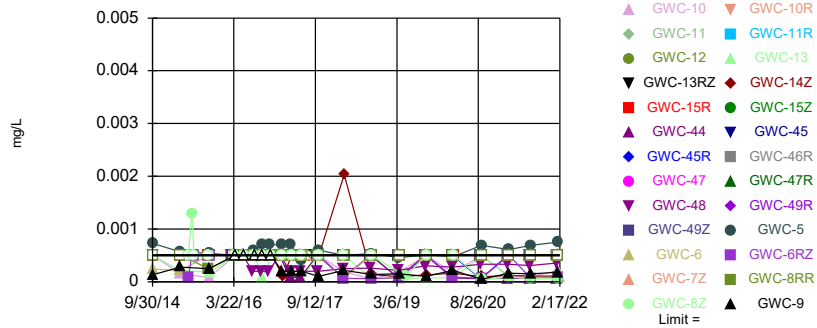
Appendix I Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:05 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Thallium (mg/L)	GWC-10	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-10R	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-11	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-11R	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-12	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-13	0.001	n/a	2/17/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-13RZ	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-14Z	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-15R	0.001	n/a	2/4/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-15Z	0.001	n/a	2/7/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-44	0.001	n/a	1/31/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-45	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-45R	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-46R	0.001	n/a	1/31/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-47	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-47R	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-48	0.001	n/a	1/31/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-49R	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-49Z	0.001	n/a	2/1/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-5	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-6	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-6RZ	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-7Z	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-8RR	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-8Z	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	
Thallium (mg/L)	GWC-9	0.001	n/a	2/2/2022	0.001ND	No	275	n/a	n/a	95.27	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2	

Exceeds Limit: GWC-5

Prediction Limit
Interwell Non-parametric

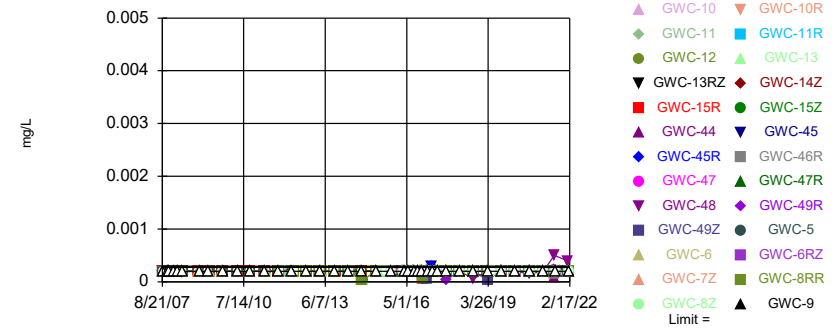


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 284 background values. 91.55% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Comparing 26 points to limit.

Constituent: Beryllium Analysis Run 4/4/2022 2:03 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit: GWC-48

Prediction Limit
Interwell Non-parametric

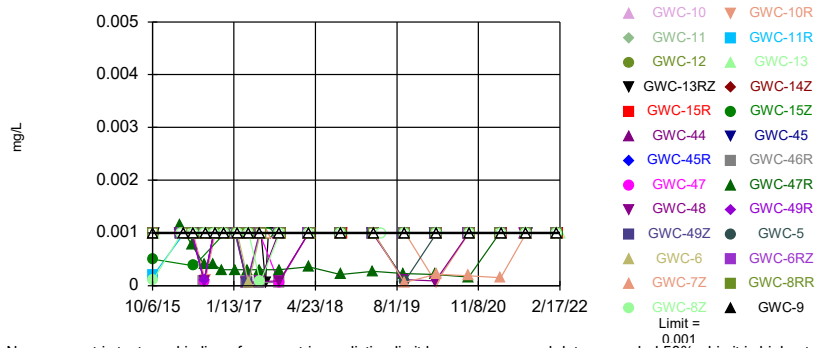


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 382 background values. 96.6% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Comparing 26 points to limit.

Constituent: Mercury Analysis Run 4/4/2022 2:03 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 275 background values. 95.27% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Comparing 26 points to limit.

Constituent: Thallium Analysis Run 4/4/2022 2:03 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-14Z	GWC-15R	GWA-2R (bg)	GWC-9	GWC-15Z	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)
9/30/2014	<0.0005	<0.0005	<0.0005	<0.0005	0.00013 (J)	<0.0005	<0.0005		
10/1/2014								<0.0005	<0.0005
10/2/2014									
10/3/2014									
10/4/2014									
3/30/2015	0.00029 (J)			<0.0005			<0.0005	<0.0005	0.0002 (J)
3/31/2015									
4/1/2015									
4/2/2015					0.00028 (J)				
4/3/2015		<0.0005	<0.0005			<0.0005			
5/26/2015									
6/18/2015									
7/2/2015									
10/6/2015						<0.0005			
10/7/2015		<0.0005	<0.0005						
10/8/2015									
10/9/2015									
10/10/2015					0.000245 (JD)				
10/11/2015								<0.0005	<0.0005
10/12/2015									
10/13/2015	<0.0005			<0.0005			<0.0005		
10/14/2015									
10/15/2015									
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016	<0.0005								
3/23/2016				<0.0005			<0.0005		
3/28/2016								<0.0005	<0.0005
3/29/2016									
3/30/2016					<0.0005				
3/31/2016									
4/4/2016									
4/5/2016		<0.0005	<0.0005			<0.0005			
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016	<0.0005			<0.0005					
5/20/2016							<0.0005		
5/23/2016								<0.0005	
5/24/2016									
5/25/2016									<0.0005
5/26/2016					<0.0005				
5/27/2016									
5/31/2016			<0.0005			<0.0005			
6/1/2016		<0.0005							

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-14Z	GWC-15R	GWA-2R (bg)	GWC-9	GWC-15Z	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)
2/8/2017									
2/9/2017		0.0001 (J)							
2/10/2017			<0.0005			<0.0005			
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017	<0.0005						<0.0005		
4/3/2017				<0.0005					<0.0005
4/6/2017					0.0002 (J)				
4/7/2017								<0.0005	
4/10/2017									
4/11/2017		<0.0005				<0.0005			
4/12/2017			<0.0005						
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017	<0.0005			<0.0005					
6/12/2017							<0.0005	<0.0005	<0.0005
6/13/2017					0.0002 (J)				
6/14/2017		<0.0005							
6/15/2017			<0.0005			<0.0005			
6/16/2017									
7/12/2017		<0.0005				<0.0005			
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017						<0.0005			
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017	<0.0005			<0.0005			<0.0005	<0.0005	<0.0005
10/3/2017					0.0001 (J)				
10/4/2017									
10/5/2017		<0.0005							
10/6/2017			<0.0005			<0.0005			
10/9/2017									
3/14/2018									
3/15/2018									
3/16/2018	<0.0005			<0.0005				<0.0005	<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-8RR	GWC-12	GWC-6
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016									
8/1/2016									<0.0005
8/2/2016							<0.0005		
8/3/2016				<0.0005	<0.0005			<0.0005	
8/4/2016		<0.0005				<0.0005			
8/5/2016			<0.0005						
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									<0.0005
9/27/2016							<0.0005		
9/28/2016			<0.0005	<0.0005	<0.0005	<0.0005			
9/29/2016		9E-05 (J)							
9/30/2016								<0.0005	
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									<0.0005
11/21/2016									
11/22/2016			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
11/23/2016									
11/28/2016		<0.0005							
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017									
1/31/2017									
2/1/2017									<0.0005
2/3/2017									
2/6/2017							<0.0005		
2/7/2017			<0.0005	<0.0005					

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-8RR	GWC-12	GWC-6
3/16/2021									
3/17/2021							<0.0005		<0.0005
3/18/2021		7E-05 (J)	0.0001 (J)	<0.0005					
3/19/2021	<0.0005				<0.0005	<0.0005		<0.0005	
3/29/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									
8/10/2021			9.4E-05 (J)				<0.0005		<0.0005
8/11/2021		7.4E-05 (J)		<0.0005	<0.0005	<0.0005		<0.0005	
8/12/2021	<0.0005								
1/31/2022									
2/1/2022									
2/2/2022							<0.0005	<0.0005	<0.0005
2/3/2022									
2/4/2022	<0.0005		0.00021 (J)	<0.0005	<0.0005	<0.0005			
2/7/2022									
2/17/2022		8.9E-05 (J)							

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWA-3A (bg)	GWC-6RZ	GWC-8Z	GWC-47	GWC-48	GWC-46R	GWC-47R	GWA-43 (bg)
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017						0.0002 (J)	<0.0005		<0.0005
3/29/2017					<0.0005			<0.0005	
3/30/2017		<0.0005							
4/3/2017	0.0007 (J)								
4/6/2017			<0.0005						
4/7/2017				<0.0005					
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017									<0.0005
6/7/2017							<0.0005		
6/8/2017					<0.0005	0.0002 (J)		<0.0005	
6/9/2017									
6/12/2017	0.0004 (J)	<0.0005							
6/13/2017			<0.0005	<0.0005					
6/14/2017									
6/15/2017									
6/16/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017									<0.0005
9/25/2017									
9/26/2017									
9/27/2017					<0.0005			<0.0005	
9/29/2017						0.0002 (J)	<0.0005		
10/2/2017									
10/3/2017	0.0006 (J)		<0.0005	<0.0005					
10/4/2017		<0.0005							
10/5/2017									
10/6/2017									
10/9/2017									
3/14/2018									<0.0005
3/15/2018					<0.0005	0.00025 (J)	<0.0005		
3/16/2018								<0.0005	

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-42 (bg)	GWA-4RZ (bg)
9/30/2014					
10/1/2014					
10/2/2014					
10/3/2014					
10/4/2014					
3/30/2015					
3/31/2015					
4/1/2015					
4/2/2015					
4/3/2015					
5/26/2015					
6/18/2015					
7/2/2015					
10/6/2015					
10/7/2015					
10/8/2015					
10/9/2015					
10/10/2015					
10/11/2015					
10/12/2015					
10/13/2015					
10/14/2015					
10/15/2015					
3/10/2016					
3/11/2016				<0.005 (O)	
3/14/2016					
3/15/2016					
3/16/2016					
3/17/2016	<0.0005				
3/22/2016					
3/23/2016					
3/28/2016					
3/29/2016					
3/30/2016					
3/31/2016					
4/4/2016					
4/5/2016					
5/11/2016					
5/12/2016					
5/13/2016					
5/16/2016		<0.0005 (D)		<0.003 (O)	
5/17/2016					
5/18/2016	<0.0005				
5/19/2016					
5/20/2016					
5/23/2016					
5/24/2016					
5/25/2016					
5/26/2016					
5/27/2016					
5/31/2016			<0.0005		
6/1/2016					

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-42 (bg)	GWA-4RZ (bg)
7/19/2016					
7/20/2016					
7/21/2016					
7/22/2016				0.0002 (J)	
7/25/2016					
7/26/2016					
7/27/2016	<0.0005	0.0004 (JD)			
7/28/2016					
7/29/2016					
8/1/2016					
8/2/2016			<0.0005		
8/3/2016					
8/4/2016					
8/5/2016					
8/9/2016					
9/15/2016					
9/16/2016					
9/19/2016				0.0001 (J)	
9/20/2016					
9/21/2016	<0.0005				
9/22/2016					
9/23/2016					
9/26/2016					
9/27/2016			<0.0005		
9/28/2016					
9/29/2016					
9/30/2016					
11/2/2016					
11/3/2016				0.0002 (J)	
11/4/2016	<0.0005				
11/7/2016					
11/9/2016					
11/10/2016					
11/11/2016					
11/14/2016					
11/18/2016					
11/21/2016			<0.0005		
11/22/2016					
11/23/2016					
11/28/2016					
1/17/2017				0.0001 (J)	
1/18/2017					
1/19/2017					
1/20/2017					
1/23/2017					
1/24/2017	<0.0005				
1/30/2017					
1/31/2017					
2/1/2017			<0.0005		
2/3/2017					
2/6/2017					
2/7/2017					

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-42 (bg)	GWA-4RZ (bg)
2/8/2017					
2/9/2017					
2/10/2017					
2/13/2017					
2/21/2017		<0.0005			
2/22/2017					<0.0005
3/24/2017					
3/27/2017		<0.0005 (D)		0.0001 (J)	
3/28/2017					
3/29/2017	<0.0005				
3/30/2017					
4/3/2017					
4/6/2017			<0.0005		
4/7/2017					<0.0005
4/10/2017					
4/11/2017					
4/12/2017					
5/24/2017					
6/5/2017					
6/6/2017					
6/7/2017				0.0001 (J)	
6/8/2017	<0.0005	<0.0005 (D)			
6/9/2017					
6/12/2017					
6/13/2017			<0.0005		
6/14/2017					<0.0005 (D)
6/15/2017					
6/16/2017					
7/12/2017					<0.0005 (D)
7/14/2017			<0.0005		
7/17/2017		<0.0005 (D)			
7/20/2017					<0.0005 (D)
7/26/2017					
7/27/2017		<0.0005			
7/28/2017					<0.0005
8/9/2017		<0.0005			<0.0005
8/10/2017					
8/24/2017					<0.0005
9/22/2017					
9/25/2017					
9/26/2017				0.0001 (J)	
9/27/2017					
9/29/2017	<0.0005	<0.0005 (D)			
10/2/2017					
10/3/2017			<0.0005		<0.0005 (D)
10/4/2017					
10/5/2017					
10/6/2017					
10/9/2017					
3/14/2018				0.00014 (J)	
3/15/2018	<0.0005				
3/16/2018		<0.0005			

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-42 (bg)	GWA-4RZ (bg)
3/19/2018					
3/20/2018			<0.0005		
3/21/2018					<0.0005
3/22/2018					
3/23/2018					
9/12/2018					
9/13/2018	<0.0005				
9/14/2018		<0.0005		0.00012 (J)	
9/17/2018					
9/18/2018			<0.0005		<0.0005
9/19/2018					
9/20/2018					
3/13/2019					
3/14/2019		<0.0005		0.00017 (J)	
3/15/2019					
3/18/2019	<0.0005				
3/19/2019					
3/20/2019					
3/21/2019			<0.0005		<0.0005 (D)
3/22/2019					
3/23/2019					
3/25/2019					
3/27/2019					
5/6/2019					
9/9/2019					
9/10/2019				0.00015 (J)	
9/11/2019	<0.0005				
9/12/2019					<0.0005 (D)
9/13/2019			<0.0005		
9/16/2019					
9/17/2019					
9/18/2019					
3/6/2020				0.00017 (J)	
3/9/2020		<0.0005			
3/10/2020					
3/11/2020	<0.0005				
3/12/2020			<0.0005		<0.0005
3/13/2020					
3/16/2020					
3/17/2020					
9/10/2020				0.00014 (J)	
9/11/2020	<0.0005				
9/14/2020					
9/15/2020					
9/16/2020		<0.0005	<0.0005		
9/17/2020					<0.0005
9/21/2020					
9/22/2020					
3/10/2021					
3/11/2021				0.00015 (J)	
3/12/2021					
3/15/2021	<0.0005				

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-42 (bg)	GWA-4RZ (bg)
3/16/2021		<0.0005			<0.0005
3/17/2021			<0.0005		
3/18/2021					
3/19/2021					
3/29/2021					
8/4/2021				0.00012 (J)	
8/5/2021					
8/6/2021		<0.0005			
8/9/2021					
8/10/2021			<0.0005		<0.0005
8/11/2021	<0.0005				
8/12/2021					
1/31/2022				0.00014 (J)	
2/1/2022	<0.0005				
2/2/2022		<0.0005	<0.0005		
2/3/2022					<0.0005
2/4/2022					
2/7/2022					
2/17/2022					

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ	GWC-6	GWA-1 (bg)
8/21/2007	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
8/22/2007								<0.0002	
8/23/2007									<0.0002
8/24/2007									
10/23/2007									<0.0002
10/24/2007									
10/25/2007								<0.0002	
11/1/2007	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
11/2/2007									
11/17/2007									
11/18/2007			<0.0002	<0.0002					<0.0002
11/19/2007					<0.0002	<0.0002	<0.0002		
11/20/2007	<0.0002	<0.0002						<0.0002	
1/15/2008									
1/16/2008					<0.0002				
1/23/2008								<0.0002	
1/30/2008	<0.0002	<0.0002	<0.0002	<0.0002					<0.0002
1/31/2008						<0.0002	<0.0002		
3/5/2008			<0.0002		<0.0002	<0.0002	<0.0002		
3/6/2008	<0.0002	<0.0002		<0.0002					
3/10/2008									<0.0002
3/11/2008								<0.0002	
5/6/2008									
5/7/2008			0.000181	<0.0002			<0.0002		
5/8/2008		<0.0002							
5/12/2008	<0.0002					<0.0002			
5/13/2008					<0.0002				<0.0002
5/14/2008								<0.0002	
12/2/2008									
12/4/2008									
12/5/2008									<0.0002
12/11/2008								<0.0002	
12/12/2008							<0.0002		
12/13/2008	<0.0002				<0.0002	<0.0002			
12/14/2008		<0.0002	<0.0002	<0.0002					
4/15/2009									<0.0002
4/16/2009					<0.0002				
4/21/2009									
4/23/2009								<0.0002	
4/28/2009						<0.0002			
4/29/2009	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002		
10/6/2009									
10/7/2009									<0.0002
10/8/2009									
10/9/2009								<0.0002	
10/13/2009									
10/19/2009									
10/20/2009	<0.0002								
10/21/2009		<0.0002			<0.0002	<0.0002	<0.0002		
10/22/2009			<0.0002	<0.0002					
4/20/2010									
4/21/2010		<0.0002	<0.0002	<0.0002					

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ	GWC-6	GWA-1 (bg)
4/16/2013									
10/8/2013						<0.0002	<0.0002	<0.0002	
10/9/2013			<0.0002	<0.0002	<0.0002				
10/15/2013	<0.0002	<0.0002							
10/16/2013									<0.0002
10/22/2013									
4/1/2014					0.0002 (J)	0.0002 (J)	0.0002 (J)		
4/2/2014			0.0002 (J)	<0.0002					
4/9/2014	<0.0002	<0.0002							
4/10/2014									
4/11/2014									<0.0002
4/14/2014								<0.0002	
4/21/2014									
4/22/2014									
4/23/2014									
9/30/2014									<0.0002
10/1/2014						<0.0002	<0.0002		
10/2/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
10/3/2014								3.29E-05 (J)	
10/4/2014									
3/30/2015									<0.0002
3/31/2015							<0.0002		
4/1/2015			<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	
4/2/2015	<0.0002	<0.0002							
4/3/2015									
5/26/2015									
6/18/2015									
7/2/2015									
8/13/2015									
8/14/2015									
10/6/2015									
10/7/2015									
10/8/2015									
10/9/2015								<0.0002	
10/10/2015	<0.0002								
10/11/2015			<0.0002	<0.0002					
10/12/2015		<0.0002							
10/13/2015									<0.0002
10/14/2015					<0.0002		<0.0002		
10/15/2015						<0.0002			
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									<0.0002
3/23/2016									
3/28/2016									
3/29/2016								<0.0002	
3/30/2016									
3/31/2016	<0.0002	<0.0002							

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ	GWC-6	GWA-1 (bg)
11/18/2016								<0.0002	
11/21/2016									
11/22/2016	<0.0002	<0.0002	<0.0002	<0.0002	8E-05 (J)				
11/23/2016									
11/28/2016						<0.0002			
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017									<0.0002
1/31/2017									
2/1/2017								<0.0002	
2/3/2017									
2/6/2017									
2/7/2017	<0.0002	<0.0002							
2/8/2017			<0.0002	<0.0002					
2/9/2017						<0.0002			
2/10/2017									
2/13/2017					<0.0002				
2/21/2017									
2/22/2017							<0.0002		
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017									<0.0002
4/3/2017									
4/6/2017								<0.0002	
4/7/2017									
4/10/2017	<0.0002	<0.0002	<0.0002	<0.0002					
4/11/2017					<0.0002		<0.0002		
4/12/2017						<0.0002			
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017									<0.0002
6/12/2017									
6/13/2017								<0.0002	
6/14/2017	<0.0002	<0.0002			<0.0002				
6/15/2017			<0.0002	<0.0002					
6/16/2017						<0.0002	<0.0002		
7/12/2017							<0.0002		
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017							<0.0002		

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-13RZ	GWC-6	GWA-1 (bg)
3/11/2020									<0.0002
3/12/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	
3/13/2020						<0.0002			
3/16/2020									
3/17/2020							<0.0002		
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020									<0.0002
9/16/2020								<0.0002	
9/17/2020	<0.0002	<0.0002							
9/21/2020			<0.0002	<0.0002	<0.0002				
9/22/2020						<0.0002	<0.0002		
3/10/2021									
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021									<0.0002
3/17/2021								<0.0002	
3/18/2021	<0.0002	<0.0002				<0.0002			
3/19/2021			<0.0002	<0.0002	<0.0002		<0.0002		
3/29/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									<0.0002
8/10/2021	<0.0002							<0.0002	
8/11/2021		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
8/12/2021							<0.0002		
10/28/2021									
1/31/2022									
2/1/2022									<0.0002
2/2/2022					<0.0002			<0.0002	
2/3/2022									
2/4/2022	<0.0002	<0.0002	<0.0002	<0.0002				<0.0002	
2/7/2022									
2/17/2022						<0.0002			

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-9	GWA-2 (bg)	GWC-15R	GWA-2R (bg)	GWC-5	GWC-15Z	GWC-14Z	GWA-50R (bg)
8/21/2007									
8/22/2007									
8/23/2007	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
8/24/2007							<0.0002	<0.0002	
10/23/2007									
10/24/2007			<0.0002		<0.0002				
10/25/2007						<0.0002			
11/1/2007		<0.0002							
11/2/2007	<0.0002			<0.0002			<0.0002	<0.0002	
11/17/2007				<0.0002				<0.0002	
11/18/2007	<0.0002		<0.0002		<0.0002		<0.0002		
11/19/2007		<0.0002				<0.0002			
11/20/2007									
1/15/2008		<0.0002		<0.0002			<0.0002	<0.0002	
1/16/2008									
1/23/2008						<0.0002			
1/30/2008									
1/31/2008	<0.0002		<0.0002		<0.0002				
3/5/2008								<0.0002	
3/6/2008		<0.0002		<0.0002					
3/10/2008					<0.0002		<0.0002		
3/11/2008	<0.0002		<0.0002			<0.0002			
5/6/2008			0.000175						
5/7/2008				<0.0002				<0.0002	
5/8/2008									
5/12/2008						<0.0002			
5/13/2008		<0.0002			<0.0002		<0.0002		
5/14/2008	<0.0002								
12/2/2008				<0.0002			<0.0002	<0.0002	
12/4/2008			<0.0002		<0.0002				
12/5/2008	<0.0002								
12/11/2008						<0.0002			
12/12/2008		<0.0002							<0.0002
12/13/2008									
12/14/2008									
4/15/2009	<0.0002					<0.0002			
4/16/2009		<0.0002						<0.0002	
4/21/2009			<0.0002		<0.0002				
4/23/2009									<0.0002
4/28/2009				<0.0002			<0.0002		
4/29/2009									
10/6/2009									<0.0002
10/7/2009			<0.0002						
10/8/2009	<0.0002				<0.0002				
10/9/2009						<0.0002			
10/13/2009		<0.0002							
10/19/2009				<0.0002					
10/20/2009							<0.0002	<0.0002	
10/21/2009									
10/22/2009									
4/20/2010								<0.0002	
4/21/2010		<0.0002			<0.0002				

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-9	GWA-2 (bg)	GWC-15R	GWA-2R (bg)	GWC-5	GWC-15Z	GWC-14Z	GWA-50R (bg)
4/26/2010			<0.0002						
4/27/2010				<0.0002			<0.0002		
4/28/2010	<0.0002								
5/3/2010									<0.0002
5/4/2010						<0.0002			
9/28/2010					<0.0002				
9/29/2010		<0.0002						<0.0002	
9/30/2010									
10/4/2010			<0.0002	<0.0002					
10/5/2010							<0.0002		
10/6/2010	<0.0002								
10/11/2010									<0.0002
10/12/2010						<0.0002			
4/12/2011					<0.0002			<0.0002	
4/13/2011		<0.0002	<0.0002						
4/14/2011									
4/18/2011				<0.0002					
4/19/2011							<0.0002		
4/20/2011									
4/21/2011	<0.0002								
4/26/2011									
4/27/2011									<0.0002
4/28/2011						<0.0002			
10/4/2011					<0.0002			<0.0002	
10/5/2011		<0.0002	<0.0002						
10/12/2011				<0.0002			<0.0002		
10/13/2011	<0.0002								
10/17/2011									
10/18/2011									
10/19/2011						<0.0002			<0.0002
4/3/2012					<0.0002				
4/4/2012		<0.0002						<0.0002	
4/11/2012			<0.0002						
4/23/2012				<0.0002					
4/24/2012									
4/25/2012							<0.0002		
4/30/2012									
5/1/2012	<0.0002								<0.0002
5/2/2012						<0.0002			
10/2/2012									<0.0002
10/3/2012									
10/8/2012		<0.0002							
10/9/2012	<0.0002		<0.0002		<0.0002	<0.0002			
10/10/2012				<0.0002			<0.0002	<0.0002	
4/2/2013									
4/3/2013									
4/8/2013		<0.0002							
4/9/2013									
4/10/2013									<0.0002
4/11/2013	<0.0002				<0.0002	<0.0002			
4/12/2013									
4/15/2013			<0.0002	<0.0002				<0.0002	

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50 (bg)	GWC-8RR	GWC-8Z	GWC-6RZ	GWC-47	GWC-46R	GWC-47R	GWC-48	GWA-42 (bg)
4/4/2016									
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									<0.0002
5/17/2016						<0.0002		<0.0002	
5/18/2016					<0.0002		<0.0002		
5/19/2016									
5/20/2016									
5/23/2016	<0.0002								
5/24/2016		<0.0002		<0.0002					
5/25/2016			<0.0002						
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									<0.0002
7/25/2016									
7/26/2016						<0.0002			
7/27/2016					<0.0002		<0.0002	<0.0002	
7/28/2016									
7/29/2016									
8/1/2016	<0.0002			<0.0002					
8/2/2016		<0.0002	<0.0002						
8/3/2016									
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									<0.0002
9/20/2016					<0.0002	<0.0002	<0.0002	<0.0002	
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016	<0.0002		<0.0002	<0.0002					
9/27/2016		<0.0002							
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016									<0.0002
11/4/2016						<0.0002	<0.0002	<0.0002	
11/7/2016					<0.0002				
11/9/2016									
11/10/2016	<0.0002								
11/11/2016									
11/14/2016				<0.0002					

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50 (bg)	GWC-8RR	GWC-8Z	GWC-6RZ	GWC-47	GWC-46R	GWC-47R	GWC-48	GWA-42 (bg)
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									<0.0002
9/27/2017					<0.0002		<0.0002		
9/29/2017						<0.0002		<0.0002	
10/2/2017	<0.0002								
10/3/2017			<0.0002	<0.0002					
10/4/2017		<0.0002							
10/5/2017									
10/6/2017									
10/9/2017									
3/14/2018									<0.0002
3/15/2018					<0.0002	<0.0002		<0.0002	
3/16/2018	<0.0002						<0.0002		
3/19/2018									
3/20/2018			<0.0002	<0.0002					
3/21/2018		<0.0002							
3/22/2018									
3/23/2018									
9/12/2018									
9/13/2018					<0.0002	<0.0002	<0.0002	6.2E-05 (J)	
9/14/2018									3.8E-05 (J)
9/17/2018	<0.0002				<0.0002				
9/18/2018		<0.0002	<0.0002						
9/19/2018									
9/20/2018									
3/13/2019									
3/14/2019									<0.0002
3/15/2019					<0.0002			<0.0002	
3/18/2019						<0.0002			
3/19/2019	<0.0002						5E-05 (J)		
3/20/2019									
3/21/2019				<0.0002					
3/22/2019									
3/23/2019									
3/25/2019									
3/27/2019		<0.0002							
5/6/2019			<0.0002						
9/9/2019									
9/10/2019									<0.0002
9/11/2019						<0.0002	<0.0002	<0.0002 (D)	
9/12/2019					<0.0002				
9/13/2019	<0.0002								
9/16/2019		<0.0002 (D)	<0.0002	<0.0002					
9/17/2019									
9/18/2019									
3/6/2020									<0.0002
3/9/2020					<0.0002		<0.0002	<0.0002	
3/10/2020						<0.0002			

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWC-45R	GWC-45	GWC-44
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017	<0.0002	<0.0002							
9/25/2017				<0.0002	<0.0002				
9/26/2017			<0.0002			<0.0002			<0.0002
9/27/2017							<0.0002	<0.0002	
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
10/5/2017									
10/6/2017									
10/9/2017									
3/14/2018		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
3/15/2018	<0.0002						<0.0002	<0.0002	<0.0002
3/16/2018									
3/19/2018									
3/20/2018									
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018	3.9E-05 (J)	<0.0002	<0.0002	<0.0002	<0.0002	3.8E-05 (J)			<0.0002
9/13/2018							<0.0002	<0.0002	
9/14/2018									
9/17/2018									
9/18/2018									
9/19/2018									
9/20/2018									
3/13/2019	<0.0002	<0.0002				<0.0002			
3/14/2019				<0.0002	<0.0002		<0.0002 (D)	<0.0002 (D)	<0.0002
3/15/2019			<0.0002						
3/18/2019									
3/19/2019									
3/20/2019									
3/21/2019									
3/22/2019									
3/23/2019									
3/25/2019									
3/27/2019									
5/6/2019									
9/9/2019			<0.0002			<0.0002			
9/10/2019				<0.0002 (D)	<0.0002				
9/11/2019	<0.0002	<0.0002					<0.0002 (D)	<0.0002 (D)	<0.0002
9/12/2019									
9/13/2019									
9/16/2019									
9/17/2019									
9/18/2019									
3/6/2020				<0.0002					
3/9/2020	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002			
3/10/2020							<0.0002	<0.0002	<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
8/21/2007				
8/22/2007				
8/23/2007				
8/24/2007				
10/23/2007				
10/24/2007				
10/25/2007				
11/1/2007				
11/2/2007				
11/17/2007				
11/18/2007				
11/19/2007				
11/20/2007				
1/15/2008				
1/16/2008				
1/23/2008				
1/30/2008				
1/31/2008				
3/5/2008				
3/6/2008				
3/10/2008				
3/11/2008				
5/6/2008				
5/7/2008				
5/8/2008				
5/12/2008				
5/13/2008				
5/14/2008				
12/2/2008				
12/4/2008				
12/5/2008				
12/11/2008				
12/12/2008				
12/13/2008				
12/14/2008				
4/15/2009				
4/16/2009				
4/21/2009				
4/23/2009				
4/28/2009				
4/29/2009				
10/6/2009				
10/7/2009				
10/8/2009				
10/9/2009				
10/13/2009				
10/19/2009				
10/20/2009				
10/21/2009				
10/22/2009				
4/20/2010				
4/21/2010				

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
4/26/2010					
4/27/2010					
4/28/2010					
5/3/2010					
5/4/2010					
9/28/2010					
9/29/2010					
9/30/2010					
10/4/2010					
10/5/2010					
10/6/2010					
10/11/2010					
10/12/2010					
4/12/2011					
4/13/2011					
4/14/2011					
4/18/2011					
4/19/2011					
4/20/2011					
4/21/2011					
4/26/2011					
4/27/2011					
4/28/2011					
10/4/2011					
10/5/2011					
10/12/2011					
10/13/2011					
10/17/2011					
10/18/2011					
10/19/2011					
4/3/2012					
4/4/2012					
4/11/2012					
4/23/2012					
4/24/2012					
4/25/2012					
4/30/2012					
5/1/2012					
5/2/2012					
10/2/2012					
10/3/2012					
10/8/2012					
10/9/2012					
10/10/2012					
4/2/2013					
4/3/2013					
4/8/2013					
4/9/2013					
4/10/2013					
4/11/2013					
4/12/2013					
4/15/2013					

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
4/16/2013					
10/8/2013					
10/9/2013					
10/15/2013					
10/16/2013					
10/22/2013					
4/1/2014					
4/2/2014					
4/9/2014					
4/10/2014					
4/11/2014					
4/14/2014					
4/21/2014					
4/22/2014					
4/23/2014					
9/30/2014					
10/1/2014					
10/2/2014					
10/3/2014					
10/4/2014					
3/30/2015					
3/31/2015					
4/1/2015					
4/2/2015					
4/3/2015					
5/26/2015					
6/18/2015					
7/2/2015					
8/13/2015					
8/14/2015					
10/6/2015					
10/7/2015					
10/8/2015					
10/9/2015					
10/10/2015					
10/11/2015					
10/12/2015					
10/13/2015					
10/14/2015					
10/15/2015					
3/10/2016					
3/11/2016					
3/14/2016					
3/15/2016					
3/16/2016					
3/17/2016	<0.0002	<0.0002			
3/22/2016					
3/23/2016					
3/28/2016					
3/29/2016					
3/30/2016					
3/31/2016					

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
4/4/2016					
4/5/2016					
5/11/2016					
5/12/2016					
5/13/2016					
5/16/2016			<0.0002 (D)		
5/17/2016					
5/18/2016	<0.0002	<0.0002			
5/19/2016					
5/20/2016					
5/23/2016					
5/24/2016					
5/25/2016					
5/26/2016					
5/27/2016					
5/31/2016				<0.0002	
6/1/2016					
7/19/2016					
7/20/2016					
7/21/2016					
7/22/2016					
7/25/2016					
7/26/2016					
7/27/2016		<0.0002	<0.0002 (D)		
7/28/2016	<0.0002				
7/29/2016					
8/1/2016					
8/2/2016				<0.0002	
8/3/2016					
8/4/2016					
8/5/2016					
8/9/2016					
9/15/2016					
9/16/2016					
9/19/2016					
9/20/2016					
9/21/2016	<0.0002	<0.0002			
9/22/2016					
9/23/2016					
9/26/2016					
9/27/2016				<0.0002	
9/28/2016					
9/29/2016					
9/30/2016					
11/2/2016					
11/3/2016					
11/4/2016		<0.0002			
11/7/2016	<0.0002				
11/9/2016					
11/10/2016					
11/11/2016					
11/14/2016					

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
11/18/2016					
11/21/2016				<0.0002	
11/22/2016					
11/23/2016					
11/28/2016					
1/17/2017					
1/18/2017					
1/19/2017					
1/20/2017					
1/23/2017					
1/24/2017	5E-05 (J)	5E-05 (J)			
1/30/2017					
1/31/2017					
2/1/2017				<0.0002	
2/3/2017					
2/6/2017					
2/7/2017					
2/8/2017					
2/9/2017					
2/10/2017					
2/13/2017					
2/21/2017			<0.0002		
2/22/2017					<0.0002
3/24/2017					
3/27/2017			<0.0002 (D)		
3/28/2017					
3/29/2017		<0.0002 (*)			
3/30/2017	<0.0002 (*)				
4/3/2017					
4/6/2017				<0.0002	
4/7/2017					<0.0002
4/10/2017					
4/11/2017					
4/12/2017					
5/24/2017					
6/5/2017					
6/6/2017					
6/7/2017					
6/8/2017		<0.0002	<0.0002 (D)		
6/9/2017	<0.0002				
6/12/2017					
6/13/2017				<0.0002	
6/14/2017					0.000286 (D)
6/15/2017					
6/16/2017					
7/12/2017					<0.0002 (D)
7/14/2017				<0.0002	
7/17/2017			<0.0002 (D)		
7/20/2017					<0.0002 (D)
7/26/2017					
7/27/2017			<0.0002		
7/28/2017					<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
8/9/2017			<0.0002		<0.0002
8/10/2017					
8/24/2017					<0.0002
9/22/2017					
9/25/2017					
9/26/2017					
9/27/2017					
9/29/2017	<0.0002	4E-05 (J)	<0.0002 (D)		
10/2/2017					
10/3/2017				<0.0002	<0.0002 (D)
10/4/2017					
10/5/2017					
10/6/2017					
10/9/2017					
3/14/2018					
3/15/2018	<0.0002	<0.0002			
3/16/2018			<0.0002		
3/19/2018					
3/20/2018				<0.0002	
3/21/2018					<0.0002
3/22/2018					
3/23/2018					
9/12/2018					
9/13/2018		<0.0002			
9/14/2018	<0.0002		4.1E-05 (J)		
9/17/2018					
9/18/2018				<0.0002	<0.0002
9/19/2018					
9/20/2018					
3/13/2019					
3/14/2019			<0.0002		
3/15/2019					
3/18/2019		<0.0002			
3/19/2019	4.5E-05 (J)				
3/20/2019					
3/21/2019				<0.0002	<0.0002 (D)
3/22/2019					
3/23/2019					
3/25/2019					
3/27/2019					
5/6/2019					
9/9/2019					
9/10/2019					
9/11/2019	<0.0002	<0.0002			
9/12/2019					<0.0002 (D)
9/13/2019				<0.0002	
9/16/2019					
9/17/2019					
9/18/2019					
3/6/2020					
3/9/2020	<0.0002		<0.0002		
3/10/2020					

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
3/11/2020		<0.0002			
3/12/2020				<0.0002	<0.0002
3/13/2020					
3/16/2020					
3/17/2020					
9/10/2020					
9/11/2020		<0.0002			
9/14/2020	<0.0002				
9/15/2020					
9/16/2020			<0.0002	<0.0002	
9/17/2020					<0.0002
9/21/2020					
9/22/2020					
3/10/2021					
3/11/2021					
3/12/2021					
3/15/2021	<0.0002	<0.0002			
3/16/2021			<0.0002		<0.0002
3/17/2021				<0.0002	
3/18/2021					
3/19/2021					
3/29/2021					
8/4/2021					
8/5/2021	0.0002				
8/6/2021			<0.0002		
8/9/2021					
8/10/2021				<0.0002	<0.0002
8/11/2021		<0.0002			
8/12/2021					
10/28/2021					
1/31/2022					
2/1/2022	<0.0002	<0.0002			
2/2/2022			<0.0002	<0.0002	
2/3/2022					<0.0002
2/4/2022					
2/7/2022					
2/17/2022					

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWA-50R (bg)	GWC-11R	GWC-11	GWA-50 (bg)	GWA-3A (bg)	GWC-10R	GWC-5	GWA-2 (bg)
3/30/2015									
10/6/2015									
10/7/2015									
10/8/2015									
10/9/2015									
10/10/2015	<0.001								
10/11/2015		<0.001	0.0002	<0.001	<0.001				
10/12/2015						<0.001	<0.001	<0.001	
10/13/2015									<0.001
10/14/2015									
10/15/2015									
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016						<0.001			<0.001
3/28/2016		<0.001			<0.001			<0.001	
3/29/2016									
3/30/2016	<0.001								
3/31/2016							<0.001		
4/4/2016			<0.001	<0.001					
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016									
5/20/2016									<0.001
5/23/2016					<0.001	<0.001			
5/24/2016									
5/25/2016		<0.001						<0.001	
5/26/2016	<0.001		<0.001	<0.001			<0.001		
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016						<0.001			<0.001
8/1/2016		<0.001			<0.001			<0.001	
8/2/2016									
8/3/2016				<0.001			0.0001 (J)		

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWA-50R (bg)	GWC-11R	GWC-11	GWA-50 (bg)	GWA-3A (bg)	GWC-10R	GWC-5	GWA-2 (bg)
8/4/2016			<0.001						
8/5/2016	<0.001								
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016						<0.001			
9/23/2016									<0.001
9/26/2016		<0.001			<0.001				
9/27/2016								<0.001	
9/28/2016	<0.001		<0.001	<0.001			<0.001		
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016									<0.001
11/10/2016					<0.001	<0.001			
11/11/2016		<0.001						<0.001	
11/14/2016									
11/18/2016									
11/21/2016	<0.001								
11/22/2016			<0.001	<0.001			<0.001		
11/23/2016									
11/28/2016									
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017		<0.001			<0.001				
1/31/2017						<0.001		<0.001	<0.001
2/1/2017									
2/3/2017									
2/6/2017	<0.001								
2/7/2017							<0.001		
2/8/2017			<0.001	<0.001					
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017						<0.001			<0.001
4/3/2017		<0.001						<0.001	

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-13RZ	GWC-12	GWC-13	GWC-48	GWC-47R	GWC-47	GWC-46R	GWA-43 (bg)
3/30/2015									
10/6/2015									
10/7/2015									
10/8/2015									
10/9/2015									
10/10/2015									
10/11/2015									
10/12/2015									
10/13/2015	<0.001								
10/14/2015		<0.001	<0.001						
10/15/2015				<0.001					
3/10/2016					<0.001	0.00116	<0.001	<0.001	
3/11/2016									<0.001
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016	<0.001								
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016		<0.001	<0.001	<0.001					
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									<0.001
5/16/2016									
5/17/2016					<0.001			<0.001	
5/18/2016						0.000768 (J)	<0.001		
5/19/2016	<0.001								
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									
5/26/2016									
5/27/2016			<0.001						
5/31/2016				<0.001					
6/1/2016		<0.001							
7/19/2016									<0.001 (*)
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016								7E-05 (J)	
7/27/2016					9E-05 (J)	0.0004 (J)	9E-05 (J)		
7/28/2016									
7/29/2016	<0.001								
8/1/2016									
8/2/2016									
8/3/2016			<0.001						

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-13RZ	GWC-12	GWC-13	GWC-48	GWC-47R	GWC-47	GWC-46R	GWA-43 (bg)
4/6/2017									
4/7/2017									
4/10/2017									
4/11/2017		<0.001	<0.001						
4/12/2017				<0.001					
5/24/2017									
6/5/2017									
6/6/2017									<0.001
6/7/2017								6E-05 (J)	
6/8/2017					8E-05 (J)	0.0003 (J)	<0.001		
6/9/2017	<0.001								
6/12/2017									
6/13/2017									
6/14/2017			<0.001						
6/15/2017									
6/16/2017		<0.001		<0.001					
7/12/2017		6E-05 (J)							
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017		<0.001							
8/9/2017									
8/10/2017		<0.001							
8/24/2017									
9/22/2017									<0.001
9/25/2017									
9/26/2017									
9/27/2017						0.0003 (J)	6E-05 (J)		
9/29/2017					9E-05 (J)			6E-05 (J)	
10/2/2017	<0.001								
10/3/2017									
10/4/2017			<0.001						
10/5/2017									
10/6/2017		<0.001							
10/9/2017				<0.001					
3/14/2018									<0.001
3/15/2018					<0.001		<0.001	<0.001	
3/16/2018	<0.001					0.00036 (J)			
3/19/2018									
3/20/2018									
3/21/2018				<0.001					
3/22/2018			<0.001						
3/23/2018		<0.001							
9/12/2018									<0.001
9/13/2018					<0.001	0.00021 (J)	<0.001	<0.001	
9/14/2018									
9/17/2018	<0.001 (D)								
9/18/2018			<0.001						
9/19/2018				<0.001					
9/20/2018		<0.001							

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-13RZ	GWC-12	GWC-13	GWC-48	GWC-47R	GWC-47	GWC-46R	GWA-43 (bg)
3/13/2019									<0.001
3/14/2019									
3/15/2019					<0.001		<0.001		
3/18/2019								<0.001	
3/19/2019						0.00027 (J)			
3/20/2019	<0.001								
3/21/2019									
3/22/2019		<0.001							
3/23/2019			<0.001	<0.001					
3/25/2019									
3/27/2019									
5/6/2019									
9/9/2019									
9/10/2019									
9/11/2019					0.000115 (JD)	0.00023 (J)		<0.001	6.2E-05 (J)
9/12/2019	<0.001						<0.001		
9/13/2019									
9/16/2019									
9/17/2019			<0.001 (D)						
9/18/2019		<0.001		<0.001					
3/6/2020									
3/9/2020					9E-05 (J)	0.00021 (J)	<0.001		<0.001
3/10/2020								<0.001	
3/11/2020	<0.001								
3/12/2020			<0.001						
3/13/2020				<0.001					
3/16/2020									
3/17/2020		<0.001							
9/10/2020									
9/11/2020									<0.001
9/14/2020					<0.001		<0.001	<0.001	
9/15/2020	<0.001					0.00016 (J)			
9/16/2020									
9/17/2020									
9/21/2020			<0.001						
9/22/2020		<0.001		<0.001					
3/10/2021									
3/11/2021					<0.001	<0.001	<0.001	<0.001	<0.001
3/12/2021									
3/15/2021									
3/16/2021	<0.001								
3/17/2021									
3/18/2021				<0.001					
3/19/2021		<0.001	<0.001						
3/29/2021									
8/4/2021					<0.001				
8/5/2021						<0.001	<0.001	<0.001	
8/6/2021									<0.001
8/9/2021	<0.001								
8/10/2021									
8/11/2021			<0.001	<0.001					
8/12/2021		<0.001							

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-13RZ	GWC-12	GWC-13	GWC-48	GWC-47R	GWC-47	GWC-46R	GWA-43 (bg)
1/31/2022					<0.001			<0.001	<0.001
2/1/2022	<0.001					<0.001	<0.001		
2/2/2022			<0.001						
2/3/2022									
2/4/2022		<0.001							
2/7/2022									
2/17/2022				<0.001					

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
3/30/2015					
10/6/2015					
10/7/2015					
10/8/2015					
10/9/2015					
10/10/2015					
10/11/2015					
10/12/2015					
10/13/2015					
10/14/2015					
10/15/2015					
3/10/2016					
3/11/2016					
3/14/2016					
3/15/2016					
3/16/2016					
3/17/2016	<0.001	<0.001			
3/22/2016					
3/23/2016					
3/28/2016					
3/29/2016					
3/30/2016					
3/31/2016					
4/4/2016					
4/5/2016					
5/11/2016					
5/12/2016					
5/13/2016					
5/16/2016			<0.001 (D)		
5/17/2016					
5/18/2016	<0.001	<0.001			
5/19/2016					
5/20/2016					
5/23/2016					
5/24/2016					
5/25/2016					
5/26/2016					
5/27/2016					
5/31/2016				<0.001	
6/1/2016					
7/19/2016					
7/20/2016					
7/21/2016					
7/22/2016					
7/25/2016					
7/26/2016					
7/27/2016		0.0001 (J)	0.0002 (JD)		
7/28/2016	<0.001				
7/29/2016					
8/1/2016					
8/2/2016				<0.001	
8/3/2016					

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
8/4/2016					
8/5/2016					
8/9/2016					
9/15/2016					
9/16/2016					
9/19/2016					
9/20/2016					
9/21/2016	<0.001	<0.001			
9/22/2016					
9/23/2016					
9/26/2016					
9/27/2016				<0.001	
9/28/2016					
9/29/2016					
9/30/2016					
11/2/2016					
11/3/2016					
11/4/2016		<0.001			
11/7/2016	<0.001				
11/9/2016					
11/10/2016					
11/11/2016					
11/14/2016					
11/18/2016					
11/21/2016				<0.001	
11/22/2016					
11/23/2016					
11/28/2016					
1/17/2017					
1/18/2017					
1/19/2017					
1/20/2017					
1/23/2017					
1/24/2017	<0.001	<0.001			
1/30/2017					
1/31/2017					
2/1/2017				<0.001	
2/3/2017					
2/6/2017					
2/7/2017					
2/8/2017					
2/9/2017					
2/10/2017					
2/13/2017					
2/21/2017			<0.001		
2/22/2017					<0.001
3/24/2017					
3/27/2017			<0.001 (D)		
3/28/2017					
3/29/2017		<0.001			
3/30/2017	5E-05 (J)				
4/3/2017					

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
4/6/2017				<0.001	
4/7/2017					<0.001
4/10/2017					
4/11/2017					
4/12/2017					
5/24/2017					
6/5/2017					
6/6/2017					
6/7/2017					
6/8/2017		<0.001	<0.001 (D)		
6/9/2017	<0.001				
6/12/2017				<0.001	
6/13/2017					
6/14/2017					<0.001 (D)
6/15/2017					
6/16/2017					
7/12/2017					<0.001 (D)
7/14/2017				<0.001	
7/17/2017			<0.001 (D)		
7/20/2017					<0.001 (D)
7/26/2017					
7/27/2017			<0.001		
7/28/2017					<0.001
8/9/2017			<0.001		<0.001
8/10/2017					
8/24/2017					<0.001
9/22/2017					
9/25/2017					
9/26/2017					
9/27/2017					
9/29/2017	<0.001	<0.001	<0.001 (D)		
10/2/2017					
10/3/2017				<0.001	<0.001 (D)
10/4/2017					
10/5/2017					
10/6/2017					
10/9/2017					
3/14/2018					
3/15/2018	<0.001	<0.001			
3/16/2018			<0.001		
3/19/2018					
3/20/2018				<0.001	
3/21/2018					<0.001
3/22/2018					
3/23/2018					
9/12/2018					
9/13/2018		<0.001			
9/14/2018	<0.001		<0.001		
9/17/2018					
9/18/2018				<0.001	<0.001
9/19/2018					
9/20/2018					

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
3/13/2019					
3/14/2019			<0.001		
3/15/2019					
3/18/2019		<0.001			
3/19/2019	<0.001				
3/20/2019					
3/21/2019				<0.001	<0.001 (D)
3/22/2019					
3/23/2019					
3/25/2019					
3/27/2019					
5/6/2019					
9/9/2019					
9/10/2019					
9/11/2019	<0.001	<0.001			
9/12/2019					<0.001 (D)
9/13/2019				5.7E-05 (J)	
9/16/2019					
9/17/2019					
9/18/2019					
3/6/2020					
3/9/2020	<0.001		<0.001		
3/10/2020					
3/11/2020		<0.001			
3/12/2020				0.00022 (J)	<0.001
3/13/2020					
3/16/2020					
3/17/2020					
9/10/2020					
9/11/2020		<0.001			
9/14/2020	<0.001				
9/15/2020					
9/16/2020			<0.001	0.00019 (J)	
9/17/2020					<0.001
9/21/2020					
9/22/2020					
3/10/2021					
3/11/2021					
3/12/2021					
3/15/2021	<0.001	<0.001			
3/16/2021			<0.001		<0.001
3/17/2021				0.00015 (J)	
3/18/2021					
3/19/2021					
3/29/2021					
8/4/2021					
8/5/2021	<0.001				
8/6/2021			<0.001		
8/9/2021					
8/10/2021				<0.001	<0.001
8/11/2021		<0.001			
8/12/2021					

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/4/2022 2:05 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
1/31/2022					
2/1/2022	<0.001	<0.001			
2/2/2022			<0.001	<0.001	
2/3/2022					<0.001
2/4/2022					
2/7/2022					
2/17/2022					

FIGURE N.

Appendix I Trend Tests - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:20 PM

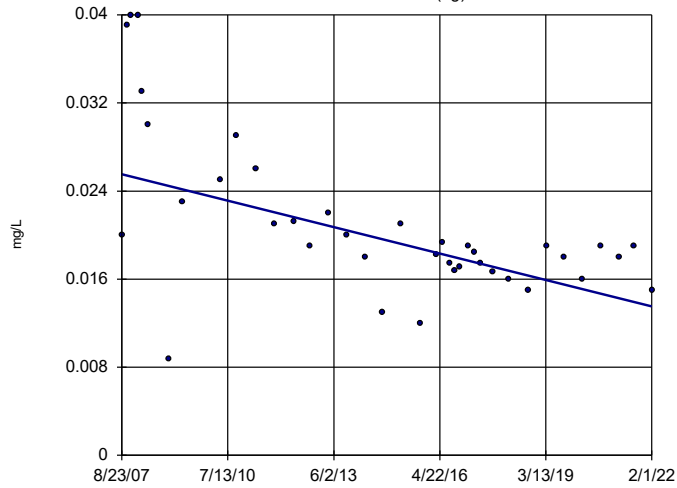
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	-0.0008302	-356	-206	Yes	38	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3A (bg)	-0.0002628	-159	-139	Yes	29	3.448	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-41 (bg)	-0.001381	-76	-68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-43 (bg)	-0.002965	-83	-68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4RZ (bg)	0.004422	112	68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-50 (bg)	-0.0003784	-174	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-50R (bg)	-0.0007279	-229	-146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-13RZ	0.006535	430	199	Yes	37	0	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWC-12	-0.00008928	-242	-214	Yes	39	56.41	n/a	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:20 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	-0.0008302	-356	-206	Yes	38	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.0005128	77	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2R (bg)	0.0003814	125	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-39RZ (bg)	0	1	63	No	17	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-39Z (bg)	0.0008655	14	68	No	18	11.11	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3A (bg)	-0.0002628	-159	-139	Yes	29	3.448	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-40 (bg)	-0.0003677	-41	-63	No	17	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-41 (bg)	-0.001381	-76	-68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-41R (bg)	0.001147	24	68	No	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-42 (bg)	0.00002594	18	68	No	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-43 (bg)	-0.002965	-83	-68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-43R (bg)	-0.0001528	-57	-68	No	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4RZ (bg)	0.004422	112	68	Yes	18	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-50 (bg)	-0.0003784	-174	-161	Yes	32	3.125	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-50R (bg)	-0.0007279	-229	-146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-13RZ	0.006535	430	199	Yes	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-45	0.00009179	47	63	No	17	0	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-1 (bg)	0	18	87	No	21	95.24	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-2 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-2R (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-39RZ (bg)	0	14	63	No	17	94.12	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-39Z (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-3A (bg)	0	0	81	No	20	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-40 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-41 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-41R (bg)	0	-5	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-42 (bg)	0	15	58	No	16	0	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-43 (bg)	0	-11	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-43R (bg)	0	-1	-68	No	18	94.44	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-4RZ (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-50 (bg)	0	0	87	No	21	100	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWA-50R (bg)	0	-19	-87	No	21	85.71	n/a	n/a	0.01	NP
Beryllium (mg/L)	GWC-5	-0.00001243	-39	-87	No	21	9.524	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-1 (bg)	0	21	214	No	39	94.87	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-2 (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-2R (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-39RZ (bg)	0	14	63	No	17	94.12	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-39Z (bg)	0	36	68	No	18	83.33	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-3A (bg)	0	0	206	No	38	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-40 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-41 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-41R (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-42 (bg)	0.000009612	43	68	No	18	11.11	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-43 (bg)	0	3	68	No	18	94.44	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-43R (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-4RZ (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-50 (bg)	0	-25	-167	No	33	93.94	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWA-50R (bg)	0	0	167	No	33	100	n/a	n/a	0.01	NP
Cadmium (mg/L)	GWC-12	-0.000008928	-242	-214	Yes	39	56.41	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-1 (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-2 (bg)	0	28	214	No	39	97.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-2R (bg)	0	0	214	No	39	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-39RZ (bg)	0	-4	-63	No	17	94.12	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-39Z (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-3A (bg)	0	0	206	No	38	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-40 (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-41 (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-41R (bg)	0	-15	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-42 (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-43 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-43R (bg)	0	-17	-68	No	18	88.89	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-4RZ (bg)	0	-13	-68	No	18	94.44	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-50 (bg)	0	6	167	No	33	96.97	n/a	n/a	0.01	NP
Mercury (mg/L)	GWA-50R (bg)	0	0	167	No	33	100	n/a	n/a	0.01	NP
Mercury (mg/L)	GWC-48	0	-38	-68	No	18	72.22	n/a	n/a	0.01	NP

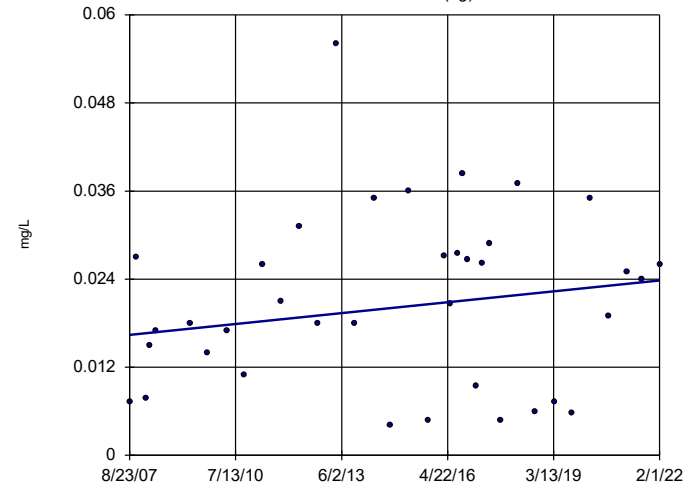
Sen's Slope Estimator
GWA-1 (bg)



n = 38
 Slope = -0.0008302
 units per year.
 Mann-Kendall
 statistic = -356
 critical = -206
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

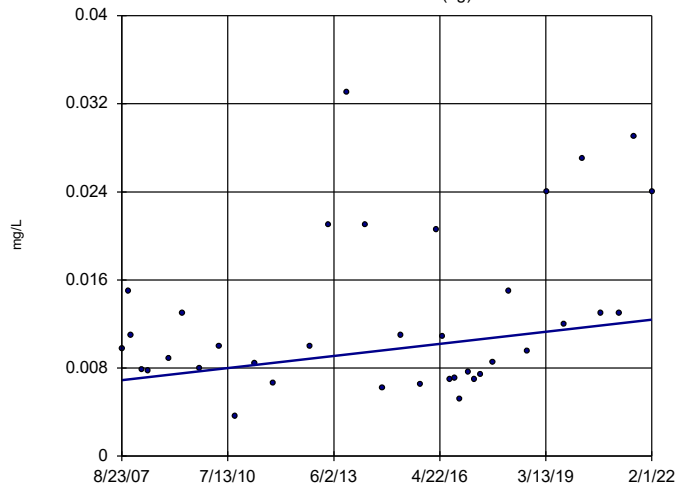
Sen's Slope Estimator
GWA-2 (bg)



n = 37
 Slope = 0.0005128
 units per year.
 Mann-Kendall
 statistic = 77
 critical = 199
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

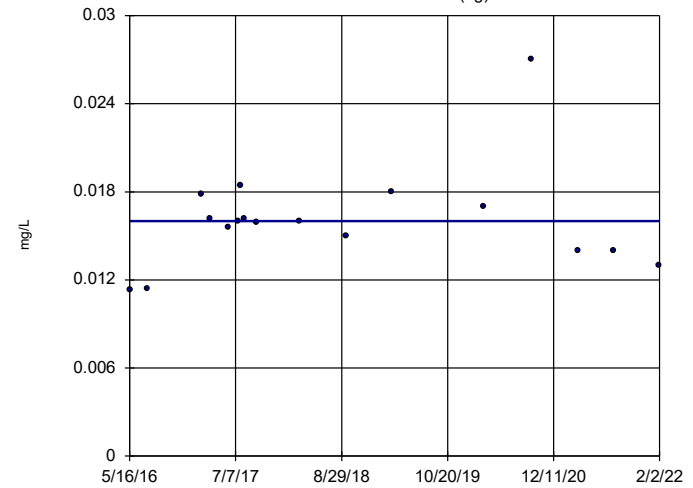
Sen's Slope Estimator
GWA-2R (bg)



n = 37
 Slope = 0.0003814
 units per year.
 Mann-Kendall
 statistic = 125
 critical = 199
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-39RZ (bg)

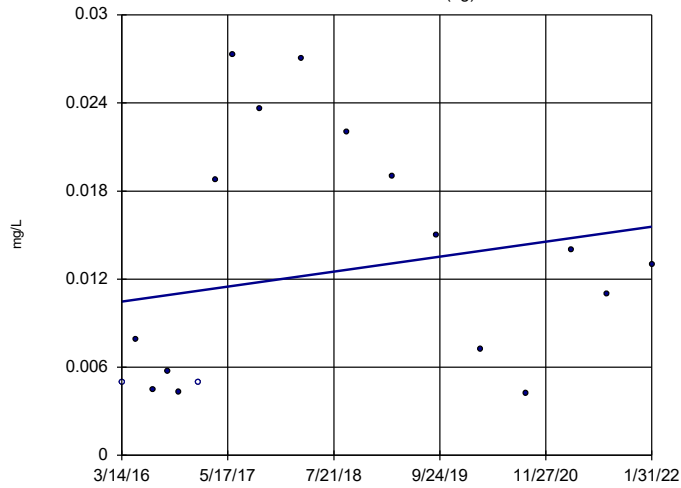


n = 17
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 1
 critical = 63
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-39Z (bg)

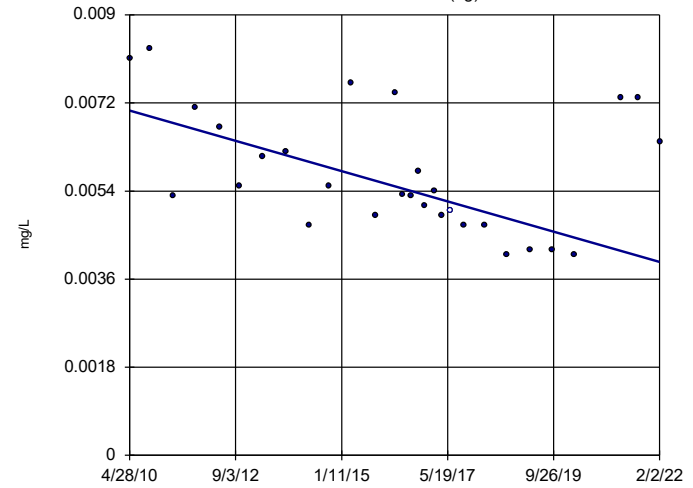


n = 18
Slope = 0.0008655
units per year.
Mann-Kendall
statistic = 14
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-3A (bg)

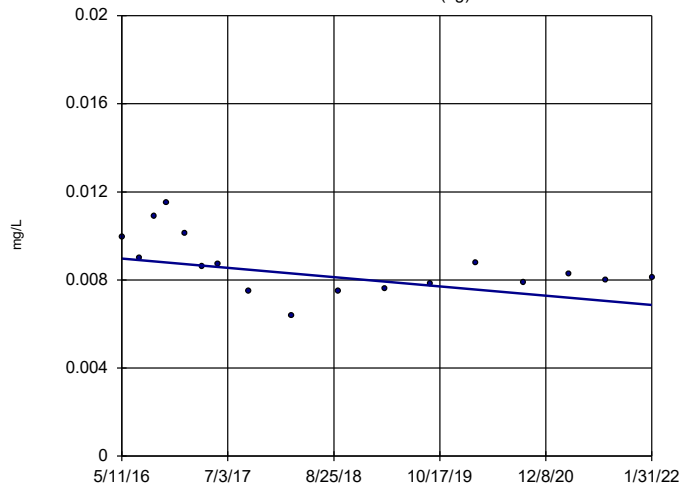


n = 29
Slope = -0.0002628
units per year.
Mann-Kendall
statistic = -159
critical = -139
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-40 (bg)

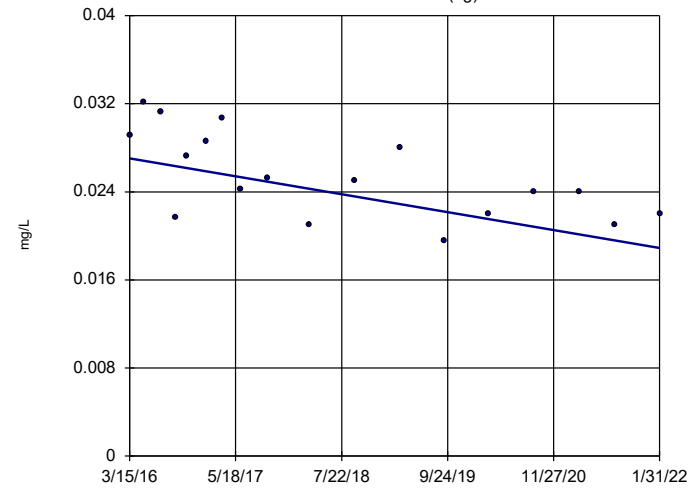


n = 17
Slope = -0.0003677
units per year.
Mann-Kendall
statistic = -41
critical = -63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-41 (bg)

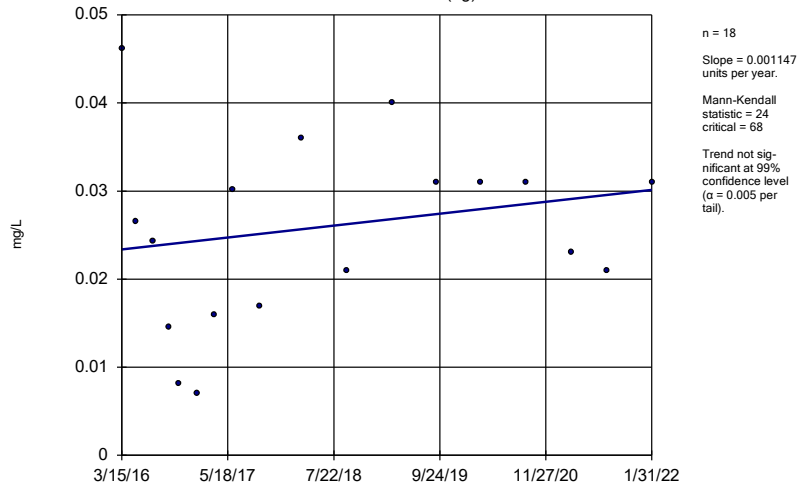


n = 18
Slope = -0.001381
units per year.
Mann-Kendall
statistic = -76
critical = -68
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

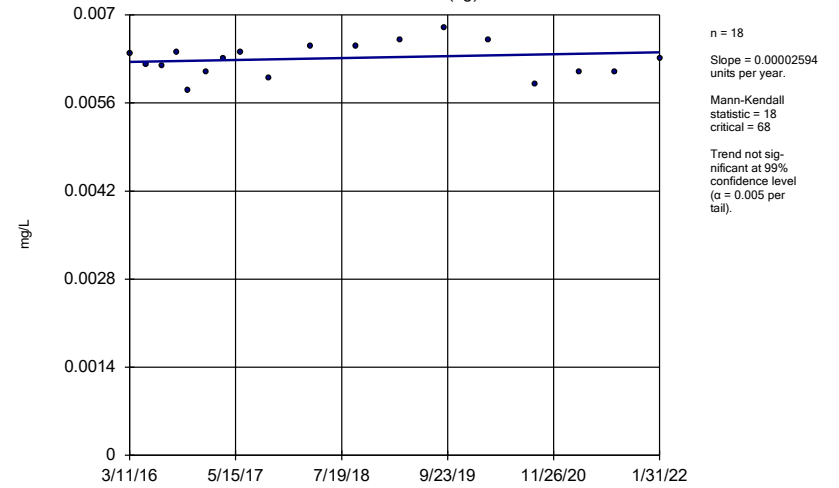
GWA-41R (bg)



Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

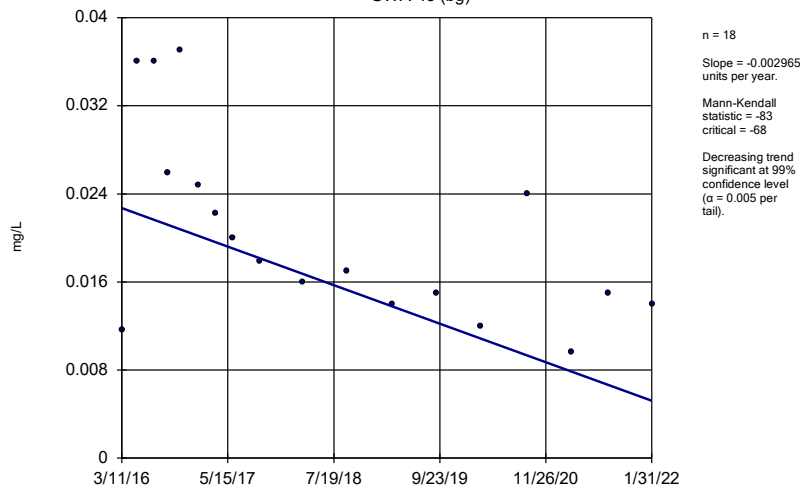
GWA-42 (bg)



Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

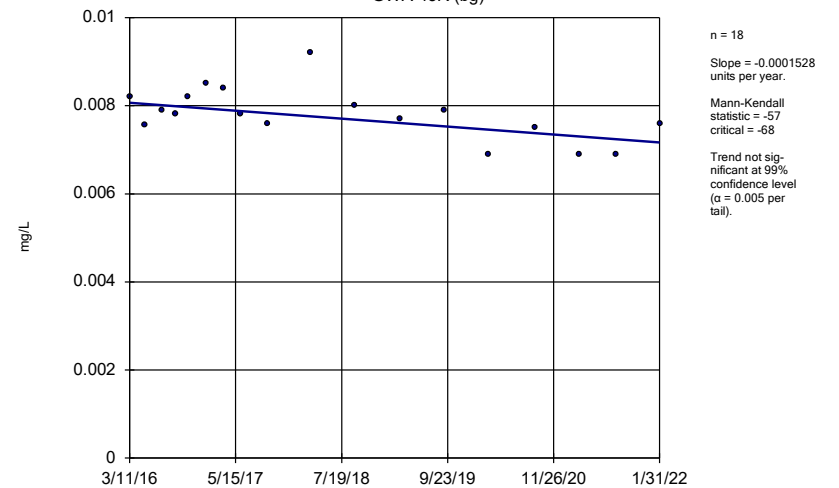
GWA-43 (bg)



Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

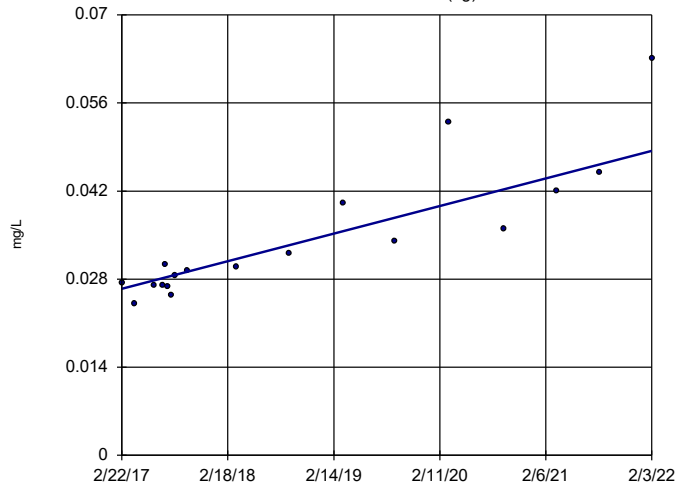
GWA-43R (bg)



Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-4RZ (bg)

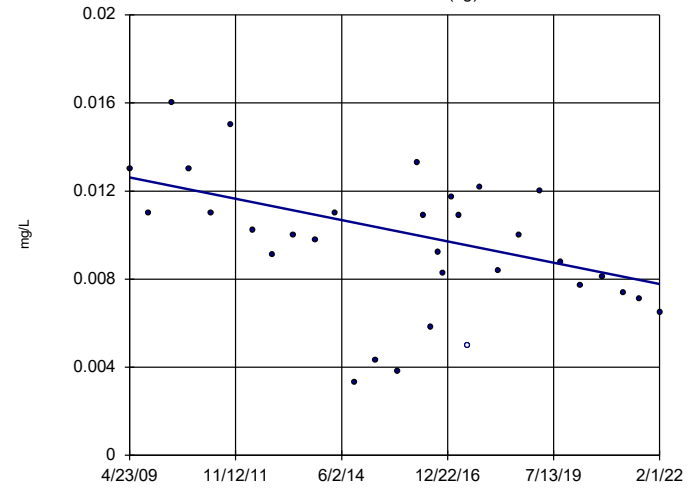


n = 18
 Slope = 0.004422
 units per year.
 Mann-Kendall
 statistic = 112
 critical = 68
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50 (bg)

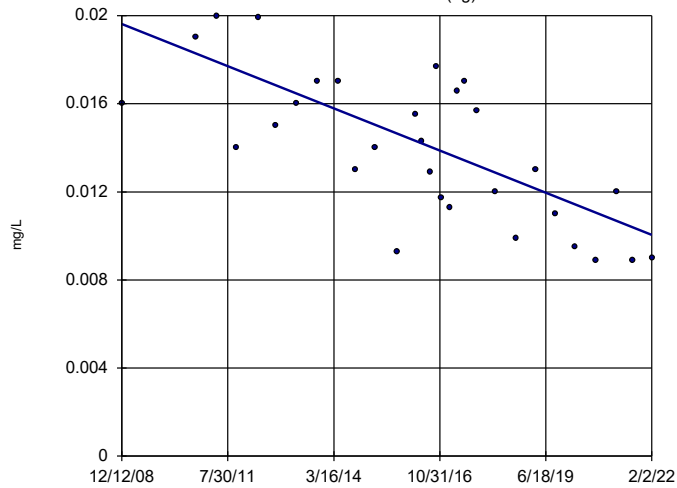


n = 32
 Slope = -0.0003784
 units per year.
 Mann-Kendall
 statistic = -174
 critical = -161
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50R (bg)

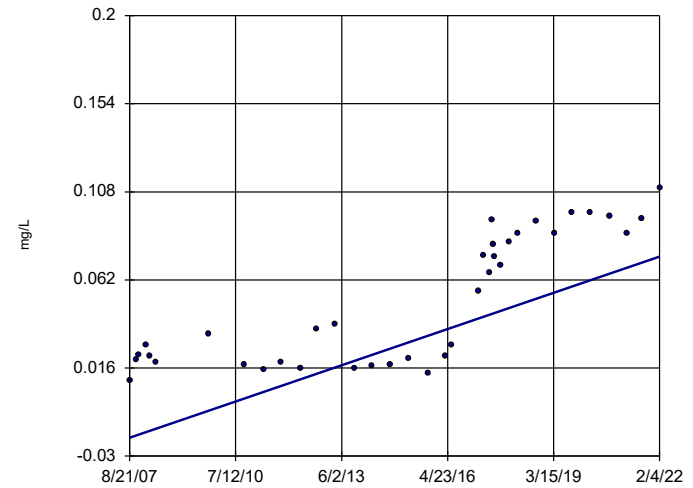


n = 30
 Slope = -0.0007279
 units per year.
 Mann-Kendall
 statistic = -229
 critical = -146
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

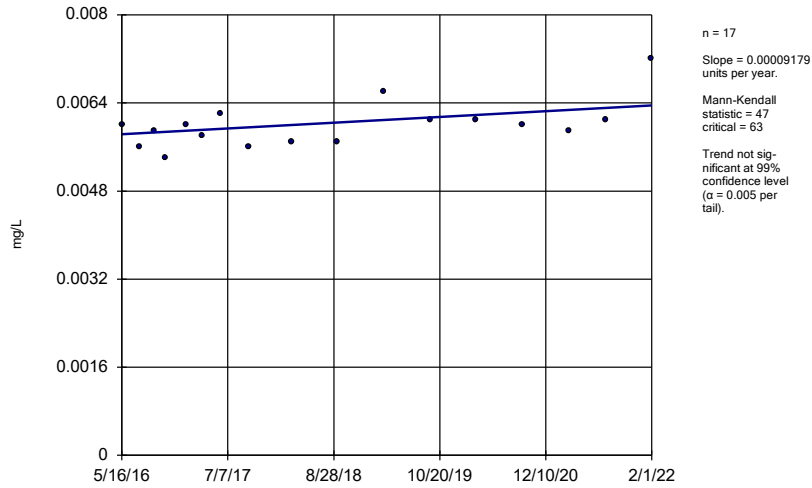
GWC-13RZ



n = 37
 Slope = 0.006535
 units per year.
 Mann-Kendall
 statistic = 430
 critical = 199
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

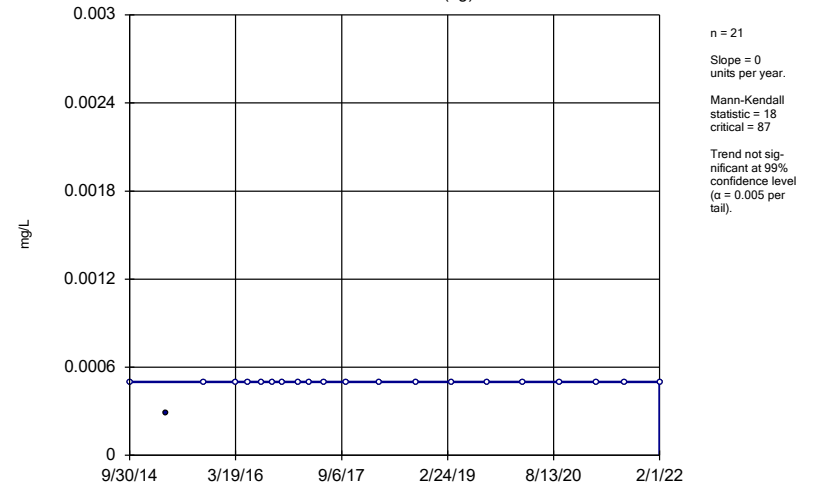
Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWC-45



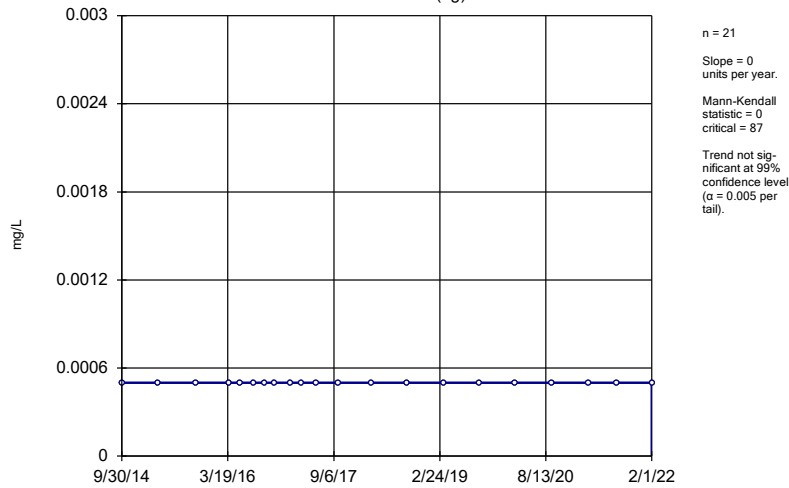
Constituent: Barium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-1 (bg)



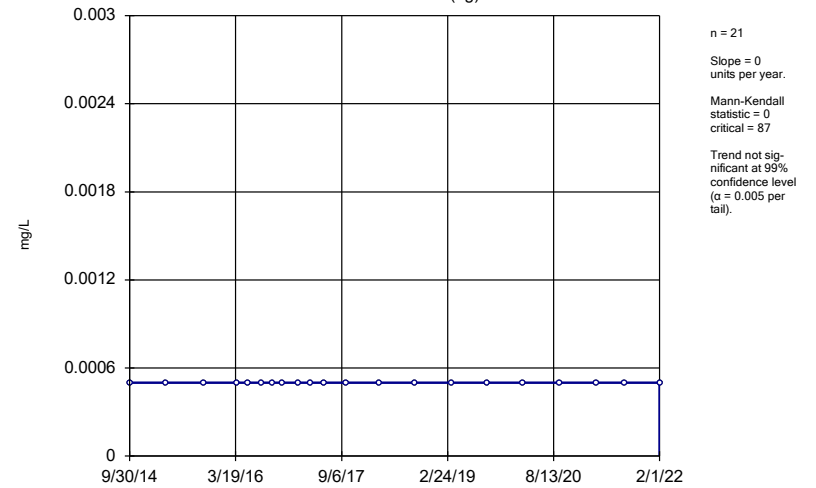
Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-2 (bg)



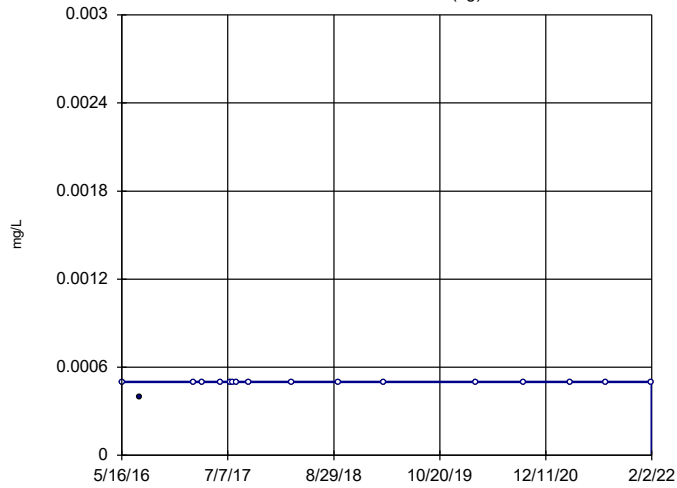
Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-2R (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

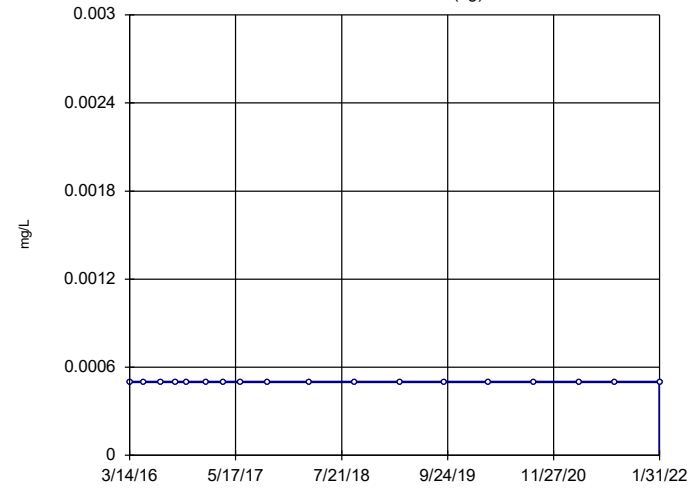
Sen's Slope Estimator GWA-39RZ (bg)



n = 17
Slope = 0
units per year.
Mann-Kendall
statistic = 14
critical = 63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

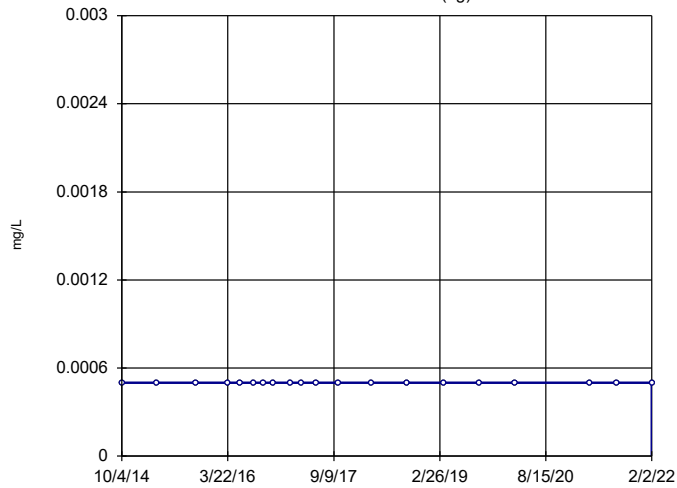
Sen's Slope Estimator GWA-39Z (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

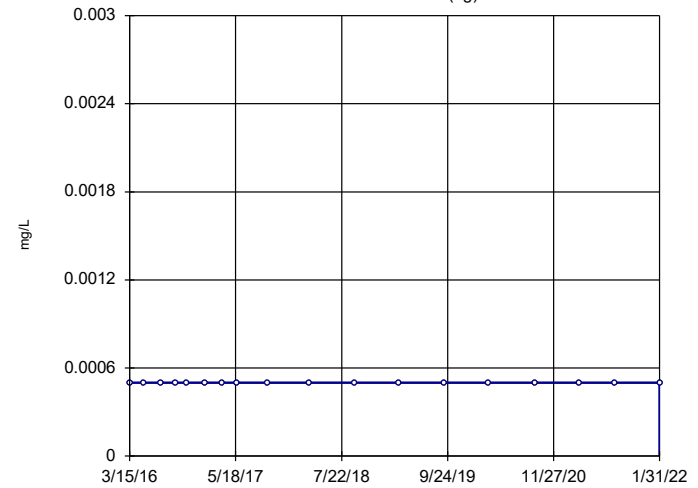
Sen's Slope Estimator GWA-3A (bg)



n = 20
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 81
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

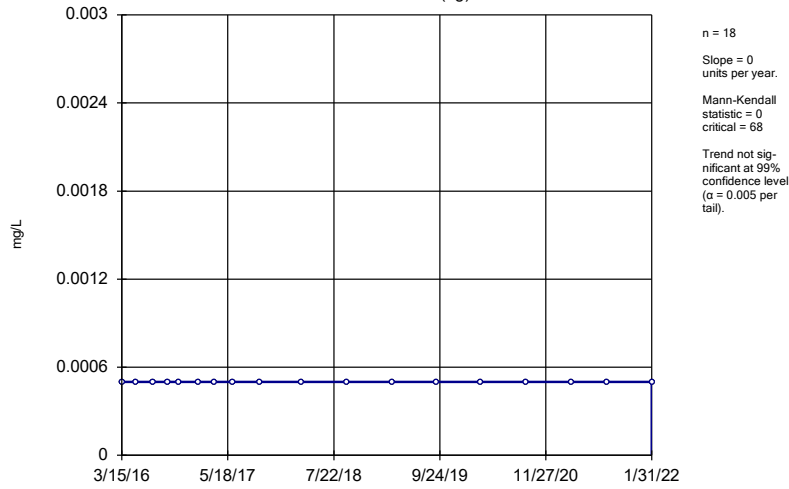
Sen's Slope Estimator GWA-40 (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

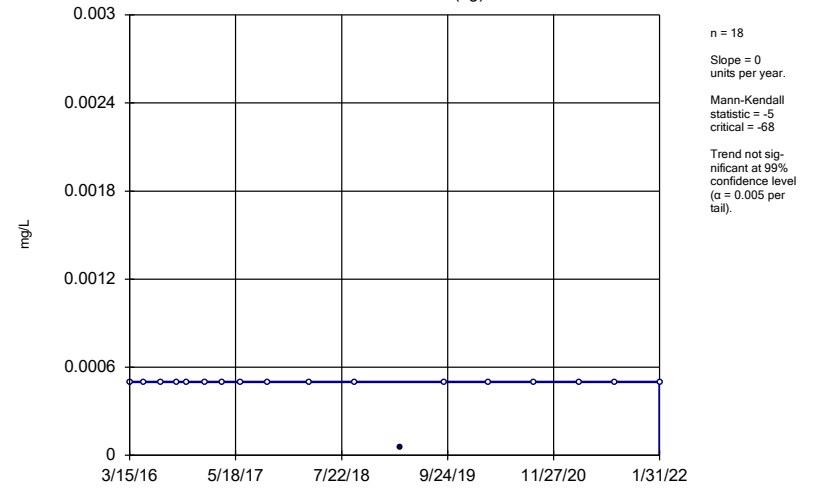
Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
 GWA-41 (bg)



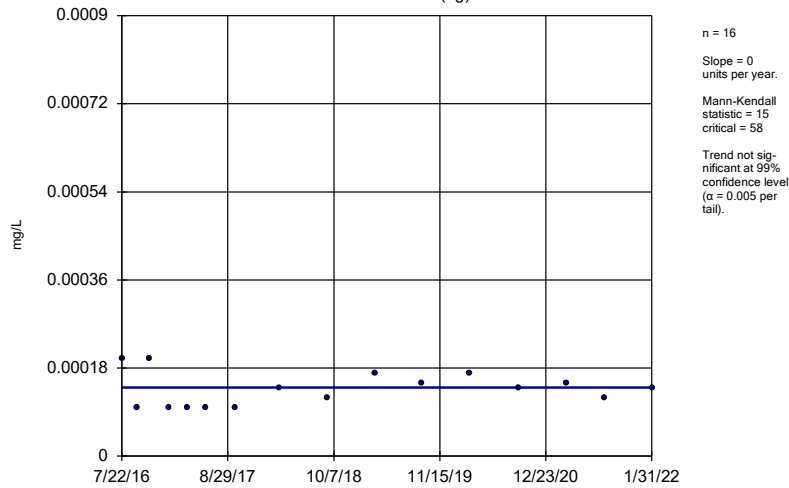
Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
 GWA-41R (bg)



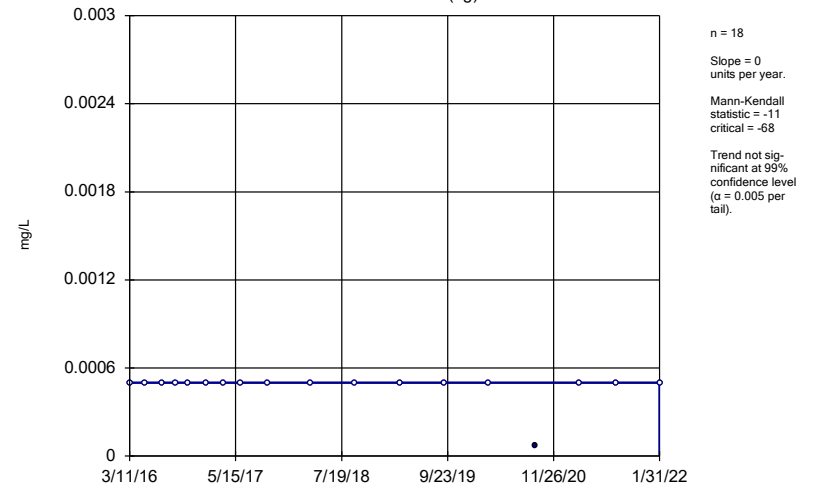
Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
 GWA-42 (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

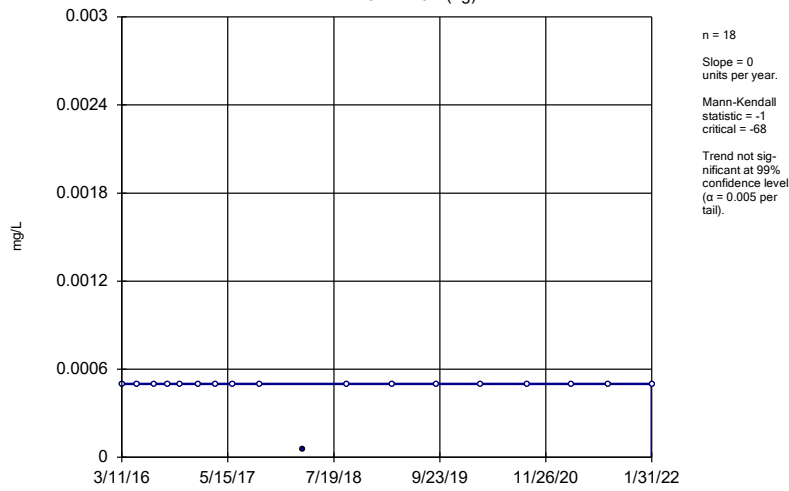
Sen's Slope Estimator
 GWA-43 (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

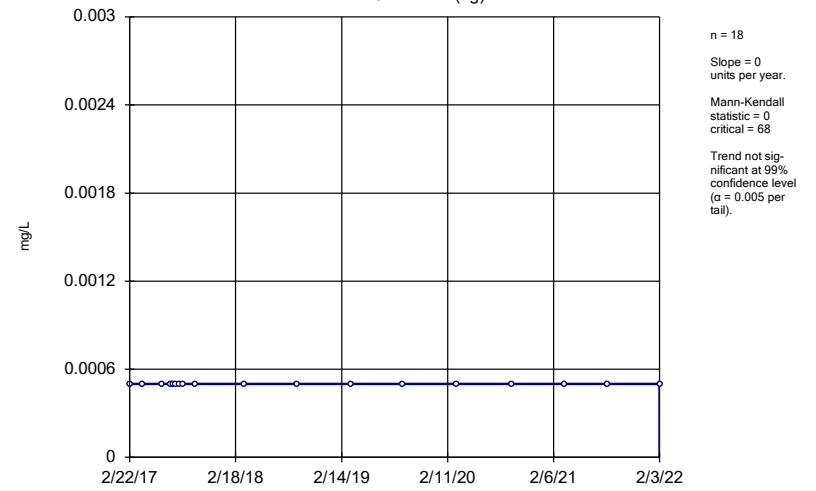
GWA-43R (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

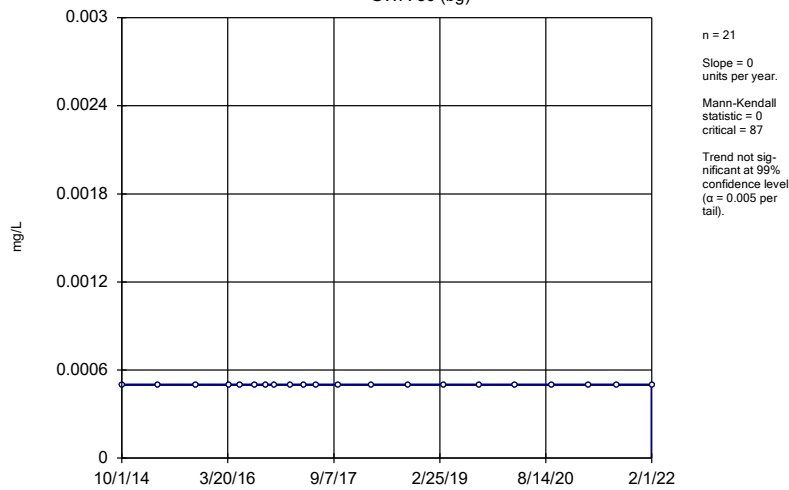
GWA-4RZ (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

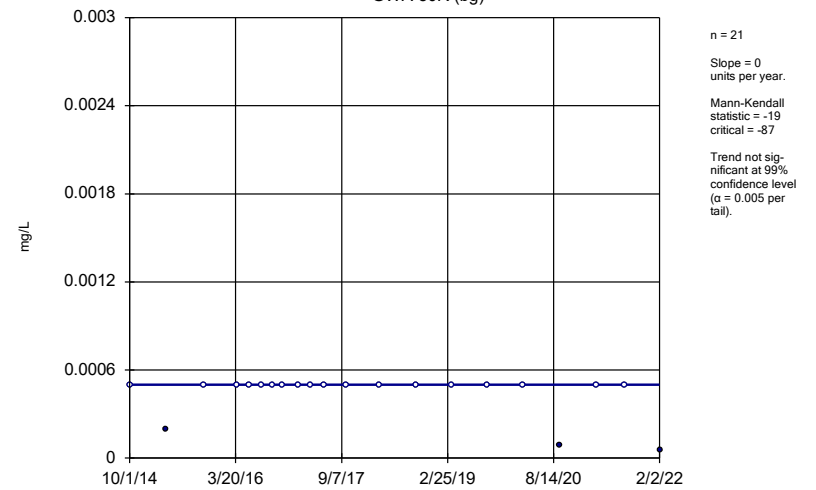
GWA-50 (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

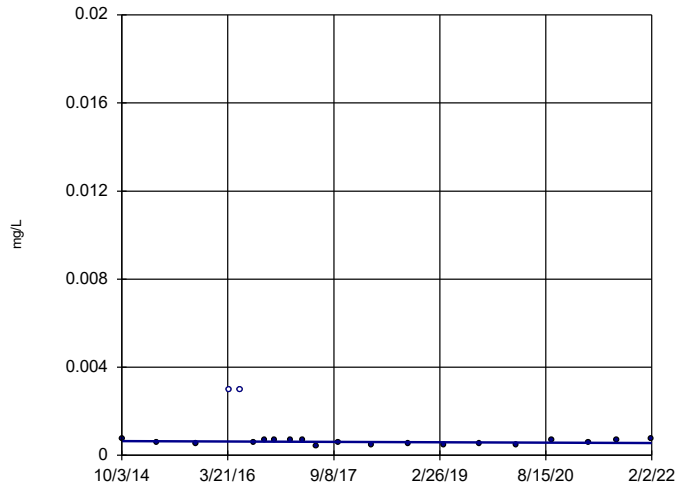
Sen's Slope Estimator

GWA-50R (bg)



Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

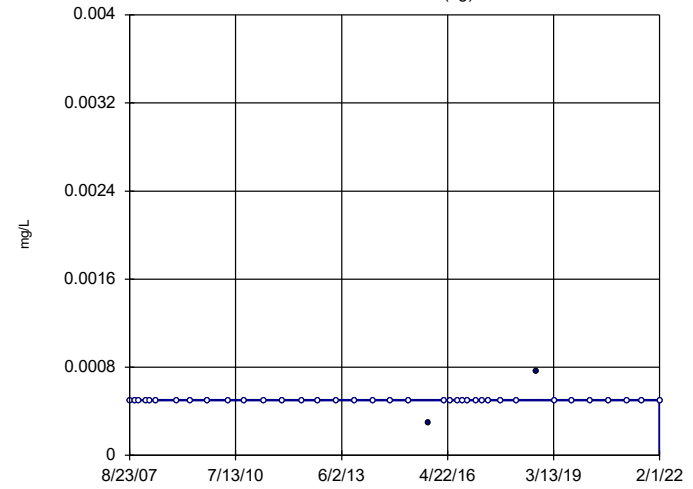
Sen's Slope Estimator GWC-5



n = 21
Slope = -0.00001243
units per year.
Mann-Kendall
statistic = -39
critical = -87
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Beryllium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

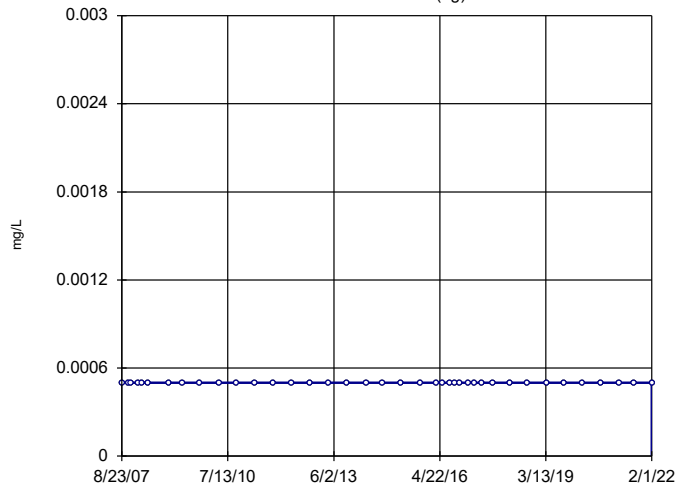
Sen's Slope Estimator GWA-1 (bg)



n = 39
Slope = 0
units per year.
Mann-Kendall
statistic = 21
critical = 214
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

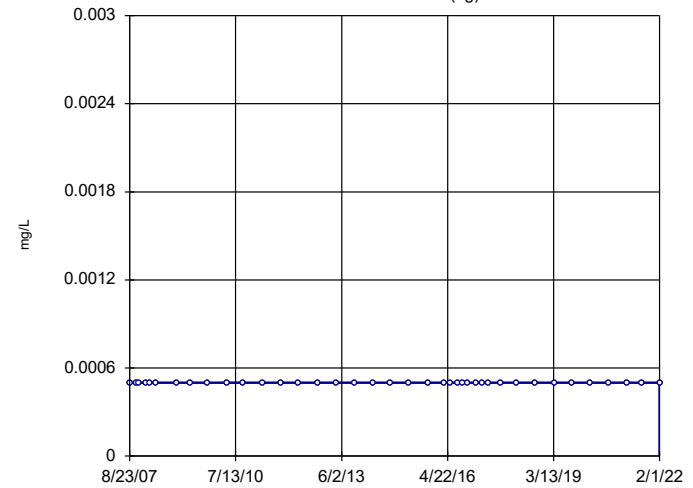
Sen's Slope Estimator GWA-2 (bg)



n = 39
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 214
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

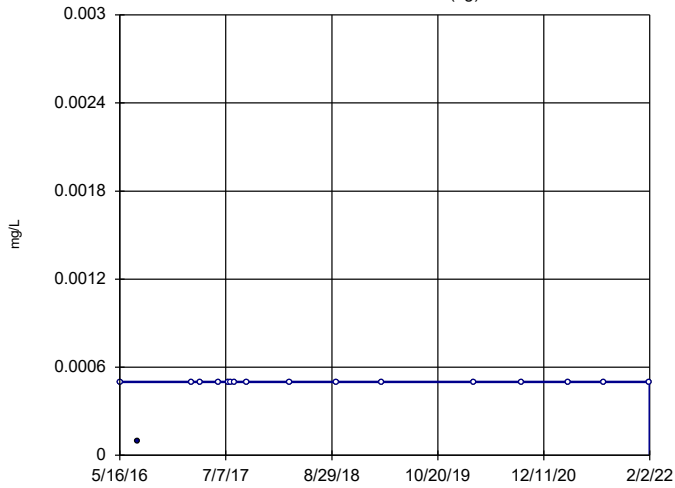
Sen's Slope Estimator GWA-2R (bg)



n = 39
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 214
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

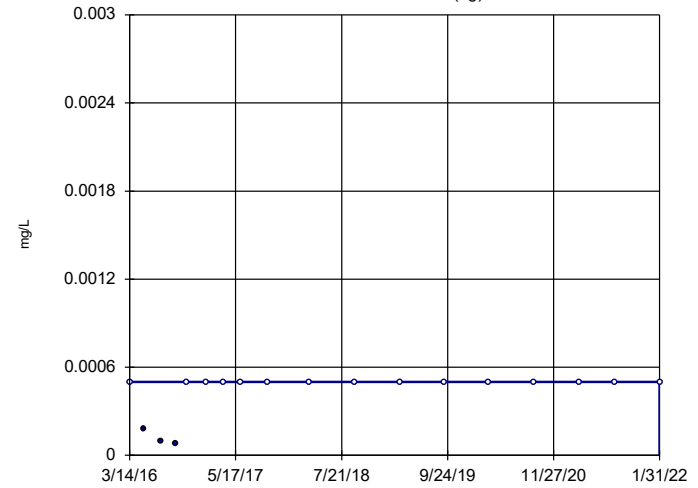
Sen's Slope Estimator GWA-39RZ (bg)



n = 17
Slope = 0
units per year.
Mann-Kendall
statistic = 14
critical = 63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

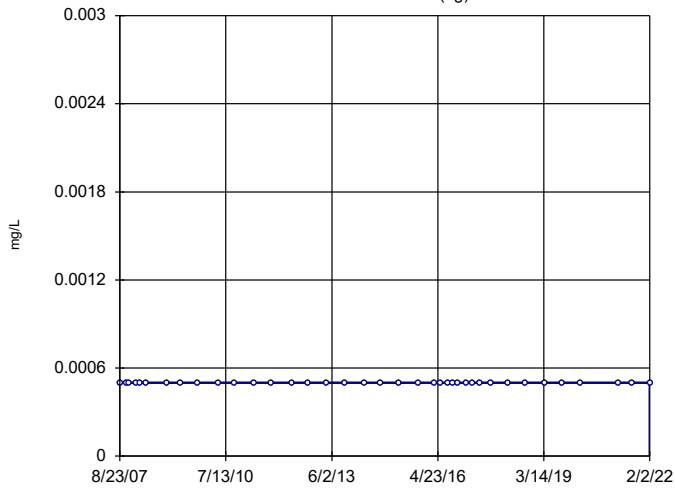
Sen's Slope Estimator GWA-39Z (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 36
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

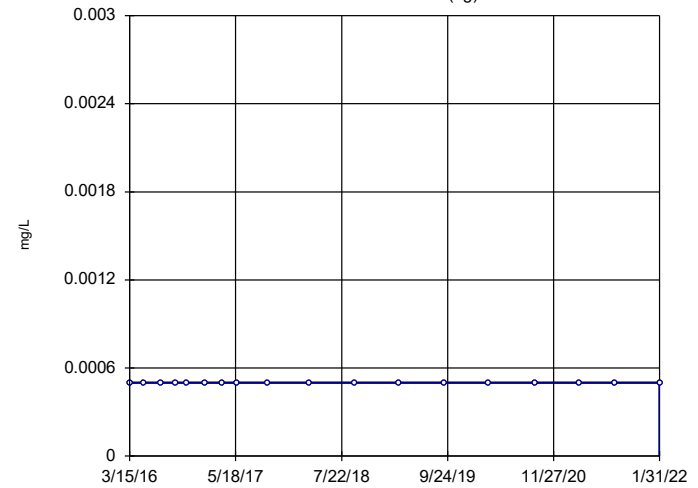
Sen's Slope Estimator GWA-3A (bg)



n = 38
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 206
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

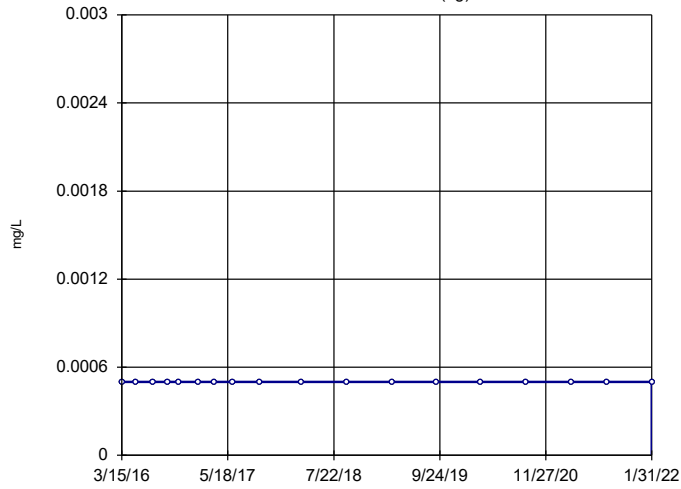
Sen's Slope Estimator GWA-40 (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

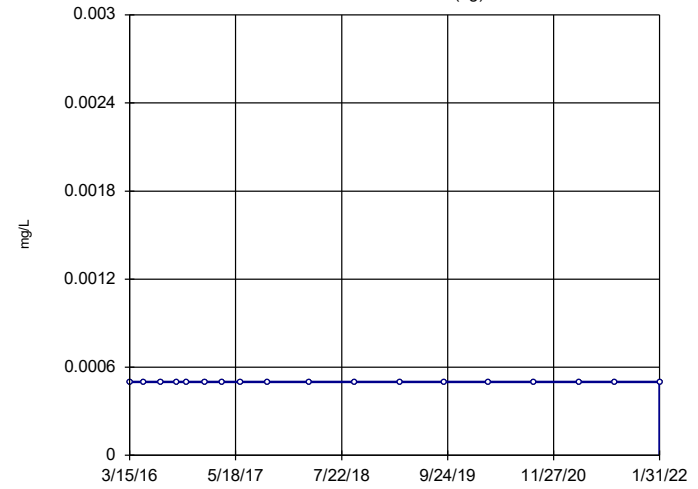
Sen's Slope Estimator GWA-41 (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

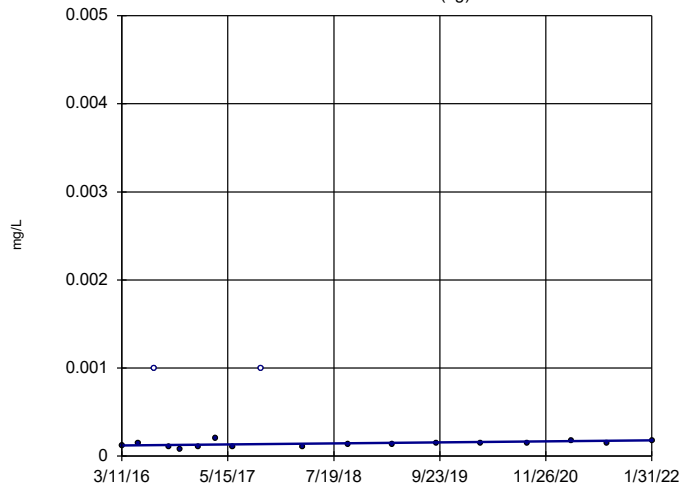
Sen's Slope Estimator GWA-41R (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

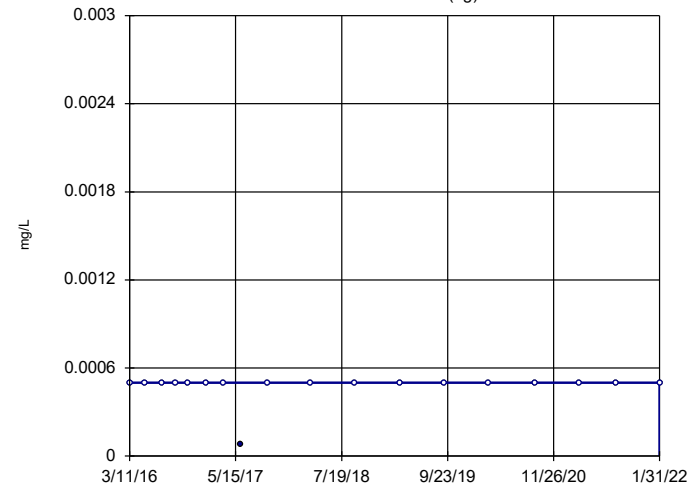
Sen's Slope Estimator GWA-42 (bg)



n = 18
Slope = 0.000009612
units per year.
Mann-Kendall
statistic = 43
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-43 (bg)

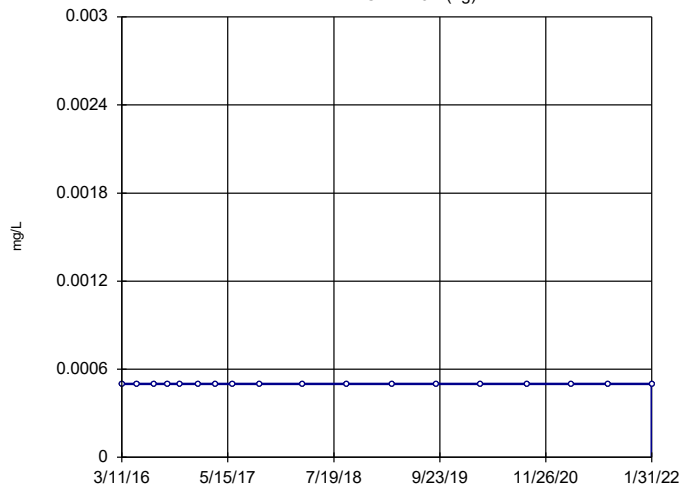


n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 3
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-43R (bg)

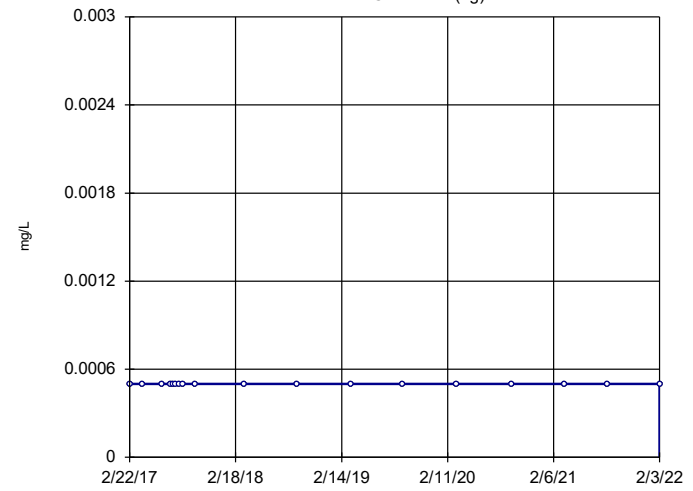


n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-4RZ (bg)

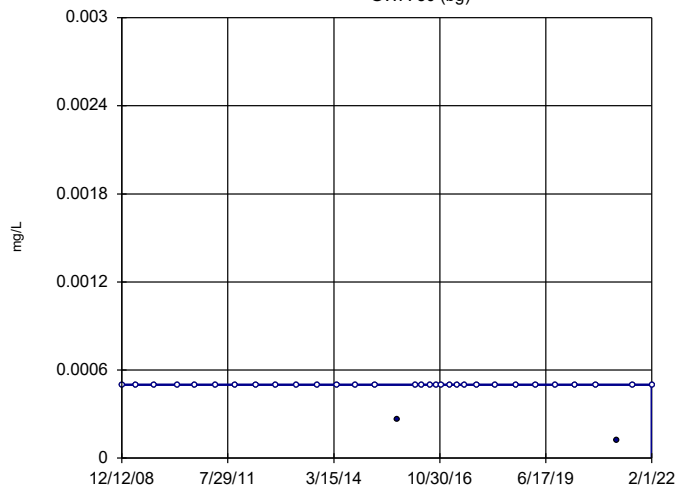


n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50 (bg)

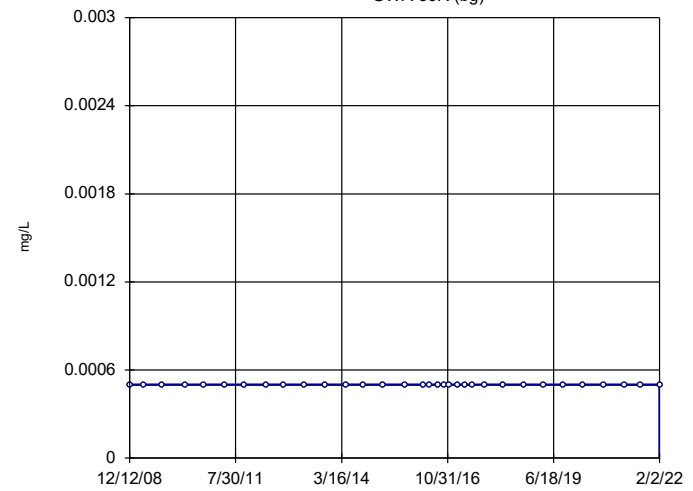


n = 33
Slope = 0
units per year.
Mann-Kendall
statistic = -25
critical = -167
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

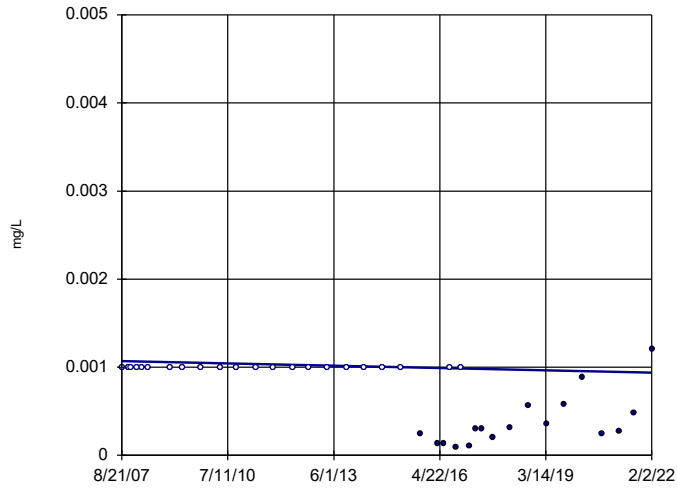
GWA-50R (bg)



n = 33
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 167
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

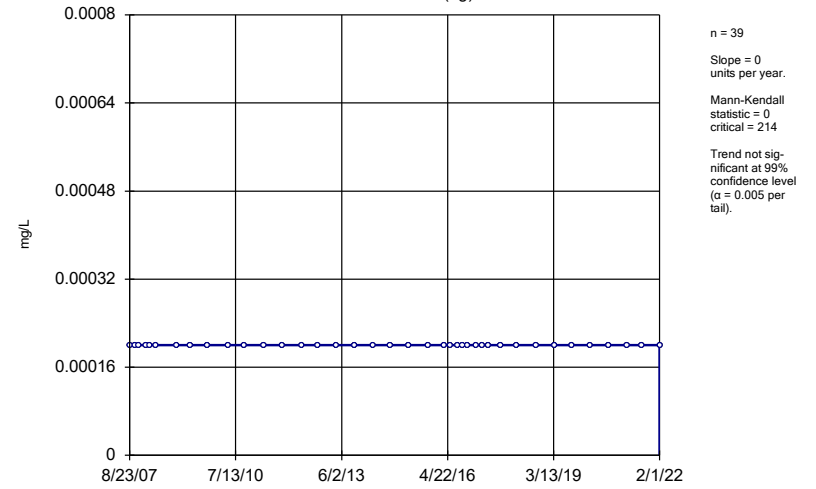
Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWC-12



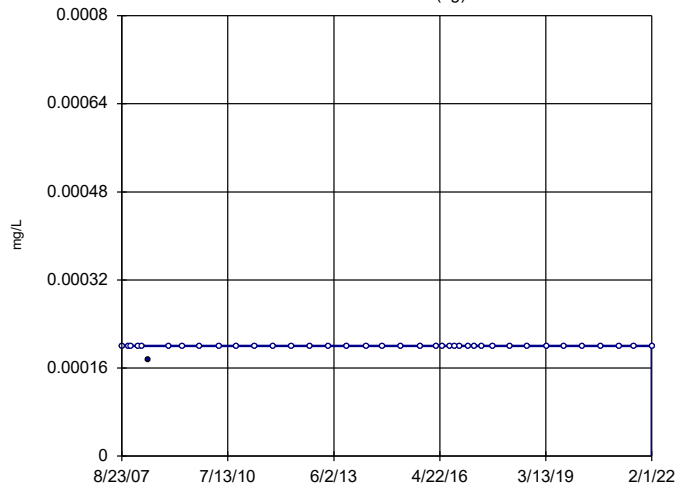
Constituent: Cadmium Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-1 (bg)



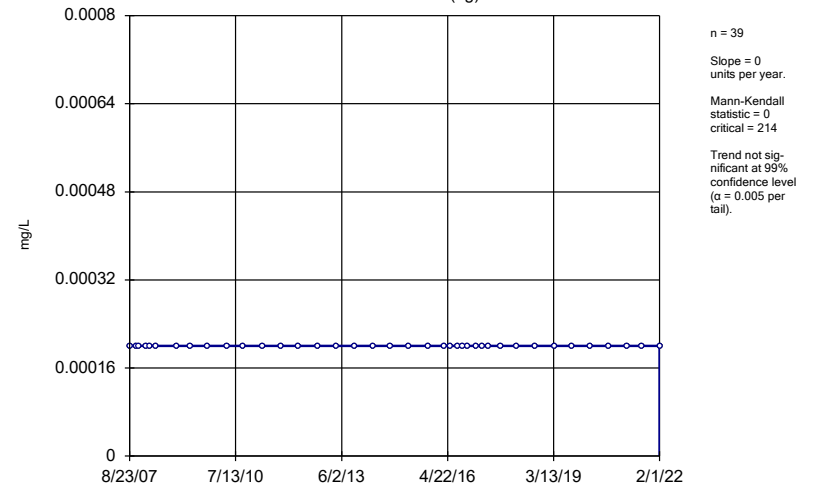
Constituent: Mercury Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-2 (bg)



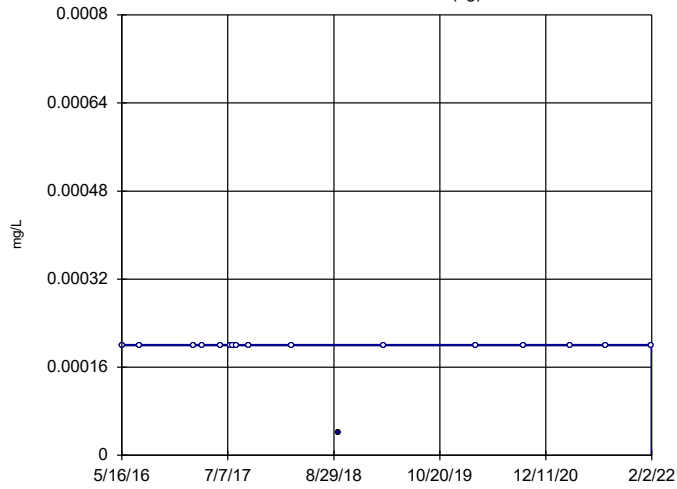
Constituent: Mercury Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-2R (bg)



Constituent: Mercury Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

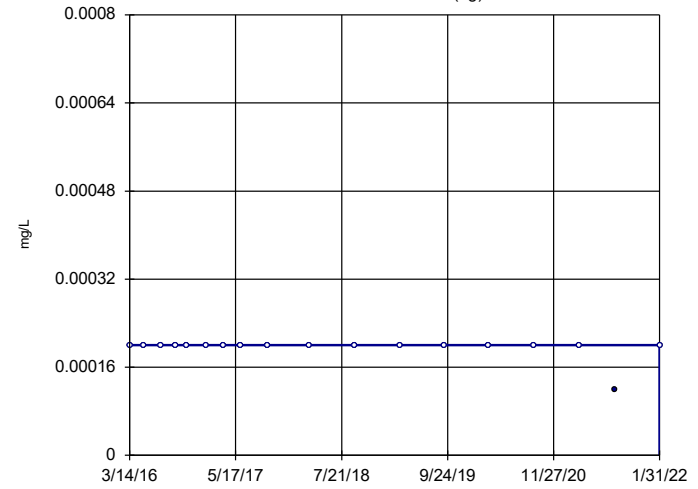
Sen's Slope Estimator GWA-39RZ (bg)



n = 17
Slope = 0
units per year.
Mann-Kendall
statistic = -4
critical = -63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

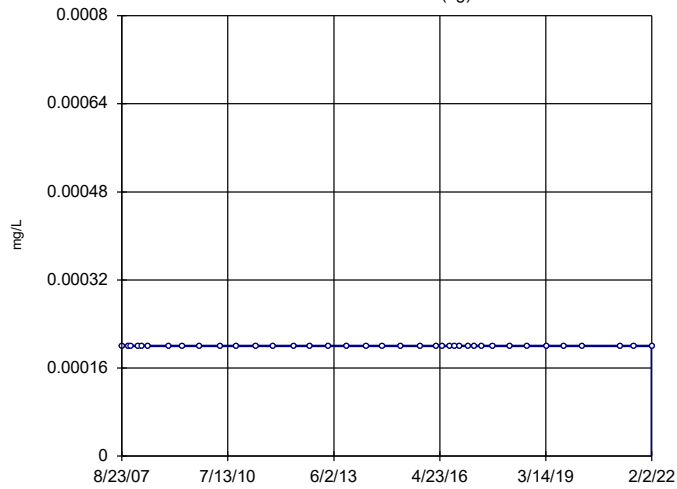
Sen's Slope Estimator GWA-39Z (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = -15
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:17 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

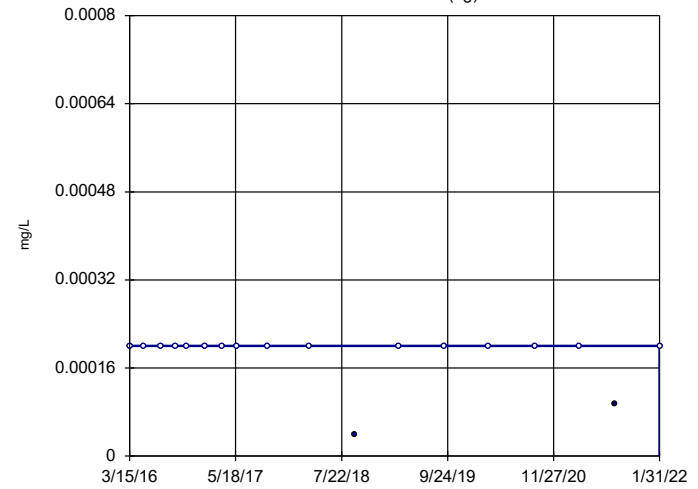
Sen's Slope Estimator GWA-3A (bg)



n = 38
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 206
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

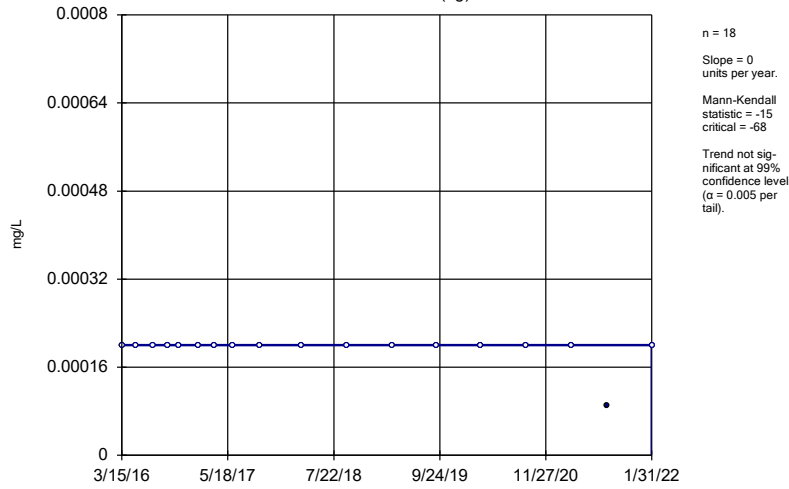
Sen's Slope Estimator GWA-40 (bg)



n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = -17
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

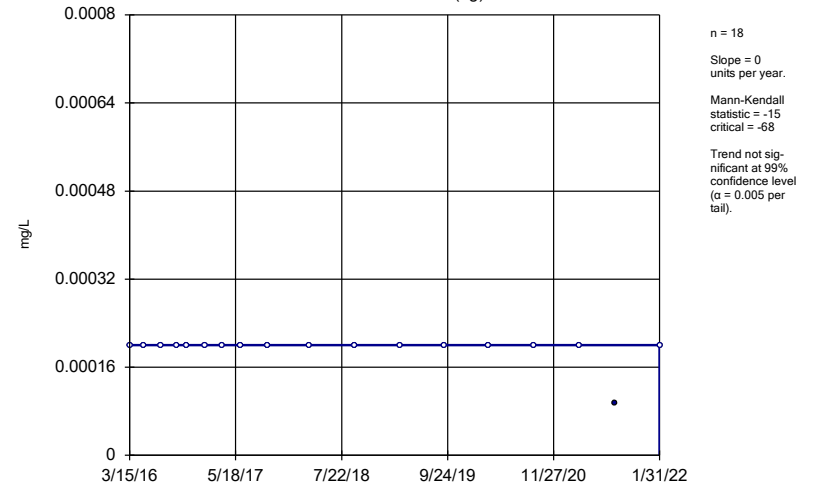
Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-41 (bg)



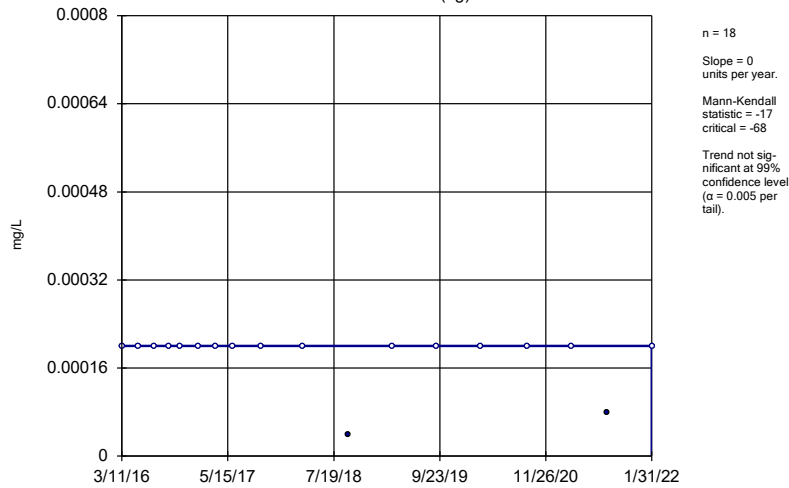
Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-41R (bg)



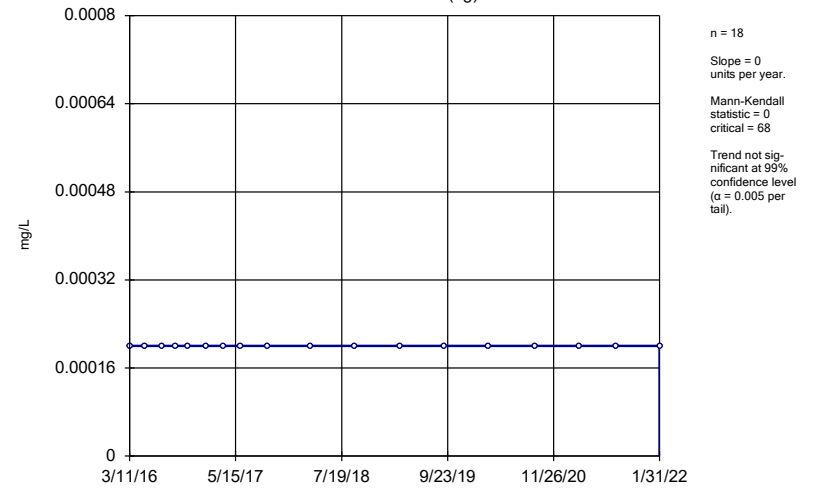
Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-42 (bg)



Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

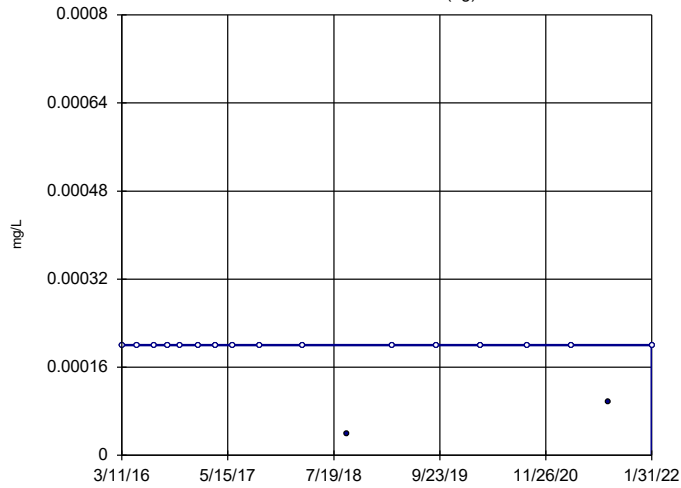
Sen's Slope Estimator GWA-43 (bg)



Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-43R (bg)

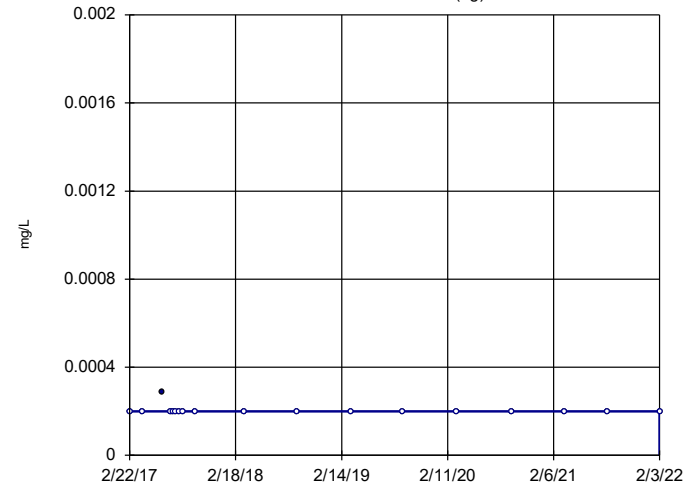


n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = -17
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-4RZ (bg)

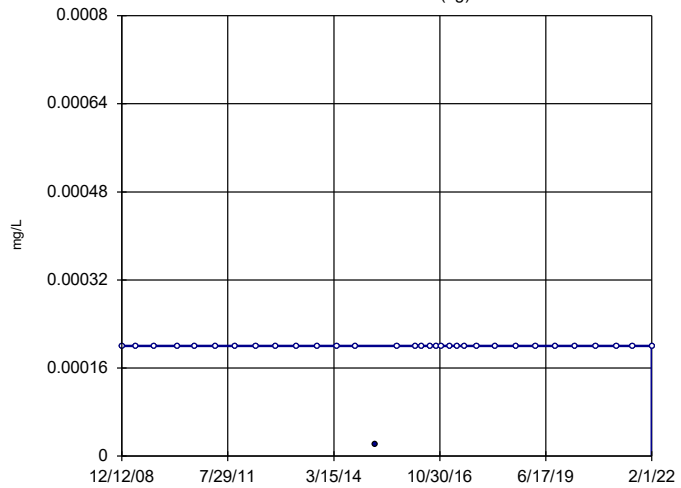


n = 18
Slope = 0
units per year.
Mann-Kendall
statistic = -13
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50 (bg)

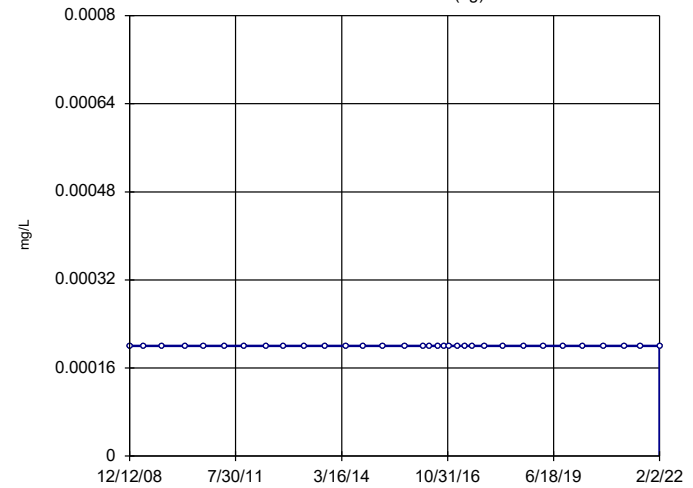


n = 33
Slope = 0
units per year.
Mann-Kendall
statistic = 6
critical = 167
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

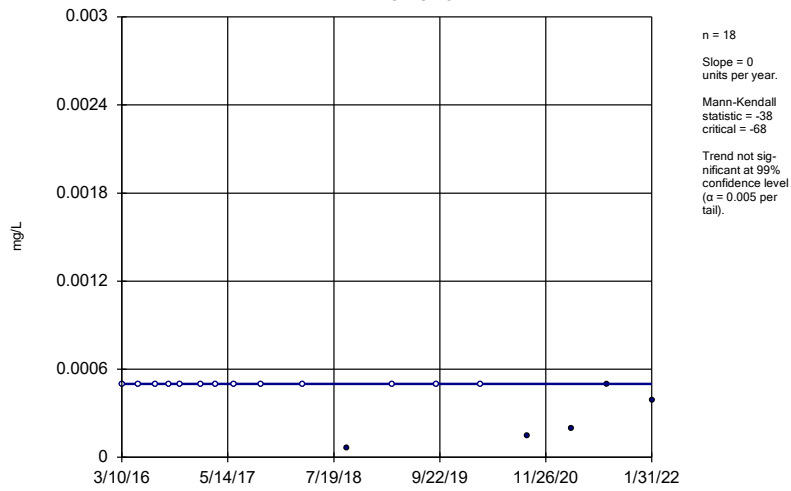
GWA-50R (bg)



n = 33
Slope = 0
units per year.
Mann-Kendall
statistic = 0
critical = 167
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWC-48



Constituent: Mercury Analysis Run 4/4/2022 2:18 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE O.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Calcium, total (mg/L)	GWA-3A	19.4	n/a	2/2/2022	22.6	Yes	16	n/a	n/a	0	n/a	n/a	0.006456 NP Intra (normality) 1 of 2
Calcium, total (mg/L)	GWC-45	1.009	n/a	2/1/2022	1.1	Yes	17	0.8318	0.06622	0	None	No	0.0002894 Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45R	5.471	n/a	2/1/2022	6.1	Yes	17	1.754	0.2182	0	None	sqrt(x)	0.0002894 Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-3A	102.1	n/a	2/2/2022	104	Yes	16	5.596	1.658	31.25	Kaplan-Meiersqrt(x)	0.0002894	0.0002894 Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-45	57.61	n/a	2/1/2022	70	Yes	17	2.659	0.5196	41.18	Kaplan-Meierln(x)	0.0002894	0.0002894 Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWA-1	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-2	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-2R	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-39RZ	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	23.53	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-39Z	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-3A	0.04	n/a	2/2/2022	0.04ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-40	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-41	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-41R	0.04	n/a	1/31/2022	0.016J	No	17	n/a	n/a	41.18	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-42	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-43	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-43R	0.04212	n/a	1/31/2022	0.011J	No	17	0.02003	0.008233	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWA-4RZ	0.03839	n/a	2/3/2022	0.04ND	No	17	-4.603	0.5005	5.882	None	ln(x)	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWA-50	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-50R	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-10	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-10R	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-11	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-11R	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-12	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	100	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-13	0.03966	n/a	2/17/2022	0.015J	No	17	0.01835	0.00794	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-13RZ	0.02742	n/a	2/4/2022	0.017J	No	17	-4.386	0.2941	17.65	Kaplan-Meier	ln(x)	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-14Z	0.04	n/a	2/4/2022	0.04ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-15R	0.04	n/a	2/4/2022	0.04ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-15Z	0.04	n/a	2/7/2022	0.04ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-44	0.03258	n/a	1/31/2022	0.015J	No	17	-4.509	0.4043	41.18	Kaplan-Meier	ln(x)	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-45	0.04	n/a	2/1/2022	0.019J	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-45R	0.04	n/a	2/1/2022	0.022J	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-46R	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-47	0.04	n/a	2/1/2022	0.011J	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-47R	0.04	n/a	2/1/2022	0.01J	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-48	0.04	n/a	1/31/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-49R	0.04	n/a	2/1/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-49Z	0.04	n/a	2/1/2022	0.0087J	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-5	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-6	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-6RZ	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-7Z	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	52.94	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-8RR	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	88.24	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-8Z	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	94.12	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-9	0.04	n/a	2/2/2022	0.04ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Calcium, total (mg/L)	GWA-1	36.35	n/a	2/1/2022	34.1	No	17	30.64	2.13	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-2	82.96	n/a	2/1/2022	48	No	17	26.51	21.04	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-2R	61.92	n/a	2/1/2022	34.1	No	17	26.68	13.13	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-39RZ	39.13	n/a	2/2/2022	32.6	No	17	34952	9306	0	None	x^3	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-39Z	34.91	n/a	1/31/2022	12.7	No	18	12.62	8.42	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-3A	19.4	n/a	2/2/2022	22.6	Yes	16	n/a	n/a	0	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Calcium, total (mg/L)	GWA-40	31.1	n/a	1/31/2022	18.5	No	17	21.34	3.637	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-41	42.06	n/a	1/31/2022	14.5	No	17	18.81	8.667	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-41R	48.24	n/a	1/31/2022	39.3	No	17	33.1	5.641	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-42	38.83	n/a	1/31/2022	37.3	No	17	31.39	2.773	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-43	19.26	n/a	1/31/2022	2.2	No	17	6.843	4.628	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-43R	33.92	n/a	1/31/2022	30.6	No	18	28.96	1.875	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-4RZ	59.92	n/a	2/3/2022	57.7	No	17	49.56	3.858	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-50	4.551	n/a	2/1/2022	1.5	No	17	1.458	0.2518	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium, total (mg/L)	GWA-50R	13.06	n/a	2/2/2022	0.93J	No	17	4.392	3.23	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-10	50.26	n/a	2/4/2022	21.3	No	17	29.44	7.761	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-10R	48.89	n/a	2/4/2022	46.3	No	17	40.76	3.028	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-11	30.52	n/a	2/4/2022	19.2	No	17	16.75	5.131	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-11R	38.59	n/a	2/4/2022	34.8	No	17	26.59	4.472	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-12	9.546	n/a	2/2/2022	8.4	No	17	8.05	0.5575	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-13	75.84	n/a	2/17/2022	29.3	No	17	45.15	11.44	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-13RZ	59.04	n/a	2/4/2022	43.9	No	17	1947	573.4	0	None	x^2	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-14Z	43.05	n/a	2/4/2022	14.3	No	17	20.97	8.227	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-15R	45.82	n/a	2/4/2022	41.7	No	16	35.98	3.621	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-15Z	30.37	n/a	2/7/2022	26.1	No	17	13334	5471	0	None	x^3	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-44	21.15	n/a	1/31/2022	11.2	No	17	7.058	5.251	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-45	1.009	n/a	2/1/2022	1.1	Yes	17	0.8318	0.06622	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-45R	47.07	n/a	2/1/2022	43.9	No	17	35.37	4.358	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-46R	55.43	n/a	1/31/2022	39.9	No	17	44.66	4.014	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-47	30.37	n/a	2/1/2022	21.3	No	17	23.26	2.649	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-47R	38.9	n/a	2/1/2022	29.4	No	17	30.52	3.123	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-48	11.53	n/a	1/31/2022	2.8	No	17	1.798	0.5951	5.882	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-49R	31.57	n/a	2/1/2022	26	No	17	25.36	2.314	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-49Z	2.525	n/a	2/1/2022	0.62J	No	15	1.138	0.4971	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-5	12.1	n/a	2/2/2022	3.7	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Calcium, total (mg/L)	GWC-6	16.64	n/a	2/2/2022	15.5	No	16	14	0.9716	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-6RZ	15.25	n/a	2/2/2022	10.5	No	16	10.86	1.616	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-7Z	28.3	n/a	2/2/2022	26.9	No	17	23.72	1.707	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-8RR	25.36	n/a	2/2/2022	23.9	No	17	22.19	1.179	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-8Z	27.37	n/a	2/2/2022	20.8	No	16	412.2	123.9	0	None	x^2	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWC-9	41.78	n/a	2/2/2022	2.2	No	17	2.708	1.4	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-1	0.1269	n/a	2/1/2022	0.1ND	No	17	0.05491	0.02684	29.41	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-2	0.17	n/a	2/1/2022	0.1ND	No	16	n/a	n/a	56.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-2R	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	47.06	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Fluoride, total (mg/L)	GWA-39RZ	0.261	n/a	2/2/2022	0.1ND	No	17	0.2606	0.09328	29.41	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-39Z	0.1189	n/a	1/31/2022	0.1ND	No	17	0.05128	0.0252	41.18	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-3A	0.1	n/a	2/2/2022	0.1ND	No	16	n/a	n/a	87.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-40	0.11	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-41	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-41R	0.12	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-42	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	58.82	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-43	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-43R	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-4RZ	0.3402	n/a	2/3/2022	0.15	No	17	0.1751	0.06151	5.882	None	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWA-50	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWA-50R	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-10	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-10R	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-11	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-11R	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-12	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-13	0.24	n/a	2/17/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-13RZ	0.3678	n/a	2/4/2022	0.13	No	17	0.1616	0.07683	11.76	None	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWC-14Z	0.1	n/a	2/4/2022	0.1ND	No	16	n/a	n/a	62.5	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-15R	0.1	n/a	2/4/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-15Z	0.1	n/a	2/7/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-44	0.2044	n/a	1/31/2022	0.1ND	No	18	0.06019	0.0545	27.78	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Fluoride, total (mg/L)	GWC-45	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-45R	0.14	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	GWC-46R	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-47	0.13	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	41.18	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Fluoride, total (mg/L)	GWC-47R	0.13	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-48	0.1	n/a	1/31/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-49R	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-49Z	0.1	n/a	2/1/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-5	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-6	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	76.47	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-6RZ	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	70.59	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-7Z	0.22	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	64.71	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-8RR	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-8Z	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	52.94	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-9	0.1	n/a	2/2/2022	0.1ND	No	17	n/a	n/a	82.35	n/a	n/a	0.005914	NP Intra (NDs) 1 of 2
Sulfate, total (mg/L)	GWA-1	2.711	n/a	2/1/2022	0.93J	No	17	1.552	0.4319	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-2	179.3	n/a	2/1/2022	86.1	No	17	54.87	46.38	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-2R	34.3	n/a	2/1/2022	1.5	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-39RZ	29.35	n/a	2/2/2022	4.5	No	17	10.86	6.891	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-39Z	9.901	n/a	1/31/2022	1.2	No	17	3.753	2.291	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-3A	5.4	n/a	2/2/2022	3.4	No	16	n/a	n/a	12.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-40	7.784	n/a	1/31/2022	1.2	No	18	0.4574	0.6025	5.556	None	ln(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-41	19.9	n/a	1/31/2022	1.8	No	17	0.9897	0.7457	0	None	ln(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-41R	13.45	n/a	1/31/2022	8.5	No	17	5.663	2.903	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-42	2.63	n/a	1/31/2022	1.1	No	17	1.587	0.3887	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-43	2.147	n/a	1/31/2022	0.5ND	No	17	0.8458	0.2309	29.41	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-43R	10.68	n/a	1/31/2022	2.5	No	17	5.664	1.871	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-4RZ	28.58	n/a	2/3/2022	20.7	No	18	21.14	2.813	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-50	1.031	n/a	2/1/2022	0.5ND	No	17	0.6803	0.1308	29.41	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-50R	1.69	n/a	2/2/2022	0.53J	No	17	0.9694	0.2687	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-10	2.213	n/a	2/4/2022	1.2	No	17	1.356	0.3195	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-10R	2.272	n/a	2/4/2022	1.1	No	17	1.406	0.3226	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-11	3.941	n/a	2/4/2022	1.7	No	17	2.457	0.553	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-11R	4.739	n/a	2/4/2022	1.5	No	17	2.51	0.8307	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-12	0.7884	n/a	2/2/2022	0.5ND	No	17	0.6222	0.09903	41.18	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-13	196.5	n/a	2/17/2022	6.9	No	17	69.62	47.29	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-13RZ	107.1	n/a	2/4/2022	63.1	No	17	56.66	18.8	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-14Z	11.83	n/a	2/4/2022	6.4	No	16	4.35	2.75	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-15R	13.96	n/a	2/4/2022	8.3	No	17	9.185	1.78	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-15Z	15.09	n/a	2/7/2022	0.64J	No	17	1.728	0.8034	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-44	62.46	n/a	1/31/2022	29.7	No	17	21.93	15.1	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45	1.62	n/a	2/1/2022	0.5ND	No	17	0.7658	0.3183	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45R	5.471	n/a	2/1/2022	6.1	Yes	17	1.754	0.2182	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-46R	9.434	n/a	1/31/2022	5.2	No	17	6.619	1.049	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-47	5.577	n/a	2/1/2022	4.3	No	17	4.314	0.471	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-47R	15.96	n/a	2/1/2022	9.4	No	17	9.402	2.446	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-48	20.2	n/a	1/31/2022	1.2	No	19	n/a	n/a	5.263	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWC-49R	6.244	n/a	2/1/2022	2.5	No	18	1.819	0.2569	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-49Z	3.084	n/a	2/1/2022	0.93J	No	14	1.807	0.4463	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-5	2.174	n/a	2/2/2022	1	No	17	1.416	0.2824	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-6	3.803	n/a	2/2/2022	1.7	No	17	2.289	0.564	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-6RZ	3.425	n/a	2/2/2022	1.5	No	17	1.962	0.5452	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-7Z	2.37	n/a	2/2/2022	1.3	No	17	0.9735	0.5205	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-8RR	2.1	n/a	2/2/2022	0.72J	No	17	1.018	0.4031	5.882	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-8Z	4.465	n/a	2/2/2022	0.72J	No	17	1.967	0.931	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-9	4.753	n/a	2/2/2022	2.5	No	17	2.308	0.9112	5.882	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-1	190.4	n/a	2/1/2022	143	No	17	153.2	13.85	0	None	No	0.0002894	Param Intra 1 of 2

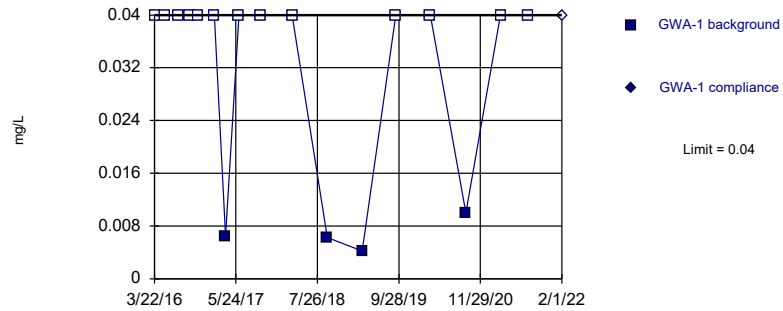
Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Total Dissolved Solids [TDS] (mg/l)	GWA-2	398.6	n/a	2/1/2022	202	No	17	138.3	97.02	5.882	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-2R	237.6	n/a	2/1/2022	114	No	17	120.5	43.64	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ	258.4	n/a	2/2/2022	143	No	17	165.8	34.53	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z	169.9	n/a	1/31/2022	61	No	16	69.56	36.89	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-3A	102.1	n/a	2/2/2022	104	Yes	16	5.596	1.658	31.25	Kaplan-Meiersqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-40	169.9	n/a	1/31/2022	81	No	17	103.5	24.74	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-41	203.5	n/a	1/31/2022	63	No	17	85.94	43.82	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-41R	269.7	n/a	1/31/2022	184	No	17	159.5	41.05	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-42	186.7	n/a	1/31/2022	132	No	17	134.1	19.58	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-43	90.96	n/a	1/31/2022	25	No	17	37.29	20	17.65	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-43R	191.5	n/a	1/31/2022	128	No	17	139.8	19.27	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ	425.2	n/a	2/3/2022	243	No	17	15.84	1.782	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-50	48.57	n/a	2/1/2022	21	No	17	19.4	10.87	29.41	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWA-50R	97.84	n/a	2/2/2022	15	No	17	32.1	24.5	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-10	208.4	n/a	2/4/2022	102	No	17	125.3	30.95	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	244.5	n/a	2/4/2022	156	No	17	147	36.34	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-11	151.3	n/a	2/4/2022	120	No	17	91.59	22.25	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	176.7	n/a	2/4/2022	157	No	17	130.5	17.23	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-12	104	n/a	2/2/2022	54	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-13	419.1	n/a	2/17/2022	119	No	17	214.5	76.23	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	363	n/a	2/4/2022	262	No	17	66958	24165	0	None	x^2	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	286.7	n/a	2/4/2022	92	No	17	10.28	2.48	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	238.8	n/a	2/4/2022	162	No	17	167.6	26.5	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	223.8	n/a	2/7/2022	121	No	17	117.9	39.46	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-44	201.1	n/a	1/31/2022	63	No	18	6.914	2.746	16.67	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-45	57.61	n/a	2/1/2022	70	Yes	17	2.659	0.5196	41.18	Kaplan-Meierln(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	251.4	n/a	2/1/2022	201	No	17	165.1	32.17	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	298.8	n/a	1/31/2022	197	No	17	233.9	24.2	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-47	176.7	n/a	2/1/2022	107	No	17	125.5	19.06	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	200.3	n/a	2/1/2022	157	No	17	21576	6910	0	None	x^2	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-48	98.66	n/a	1/31/2022	31	No	17	5.376	1.698	23.53	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	191	n/a	2/1/2022	125	No	17	124.8	24.67	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	70.08	n/a	2/1/2022	27	No	17	28.68	15.43	23.53	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-5	130.9	n/a	2/2/2022	32	No	17	5.6	2.177	17.65	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-6	164.9	n/a	2/2/2022	73	No	17	8.794	1.509	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	164.6	n/a	2/2/2022	51	No	17	69.88	35.29	5.882	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	172	n/a	2/2/2022	115	No	17	121	19	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	133.8	n/a	2/2/2022	102	No	17	107.8	9.712	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	186	n/a	2/2/2022	85	No	17	111.5	27.74	0	None	No	0.0002894	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-9	176.7	n/a	2/2/2022	21	No	17	57.41	44.47	5.882	None	No	0.0002894	Param Intra 1 of 2

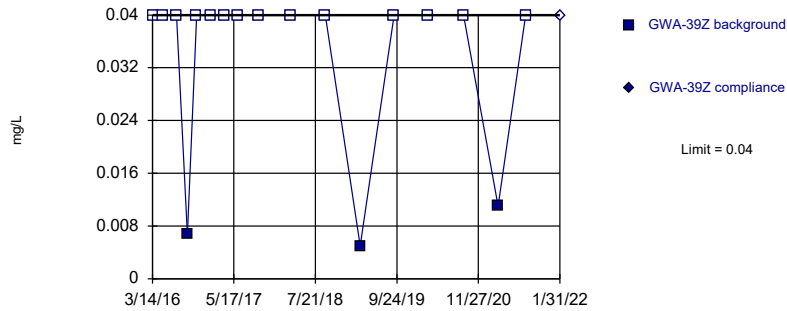
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
 Intrawell Non-parametric

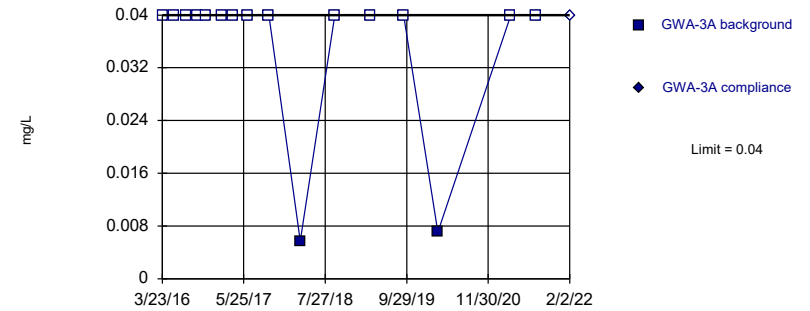


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

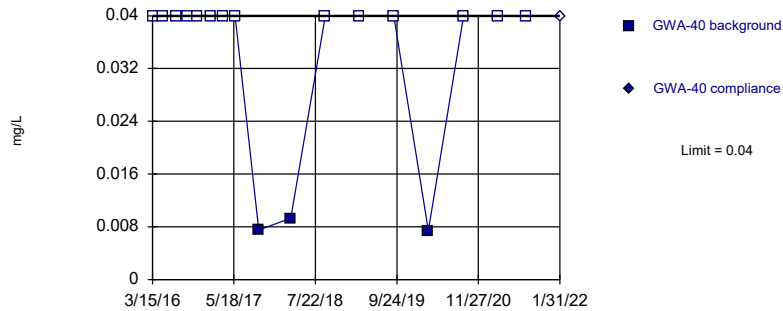


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

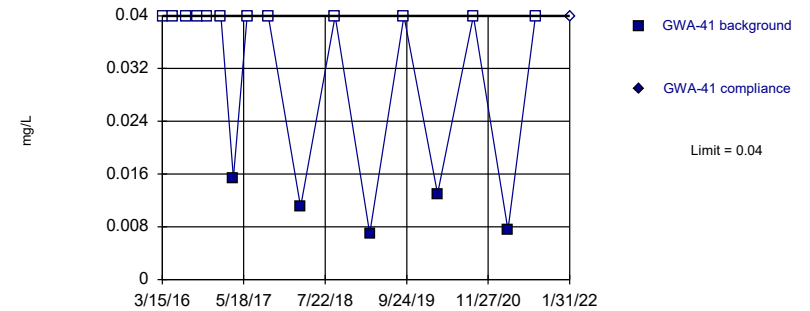


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

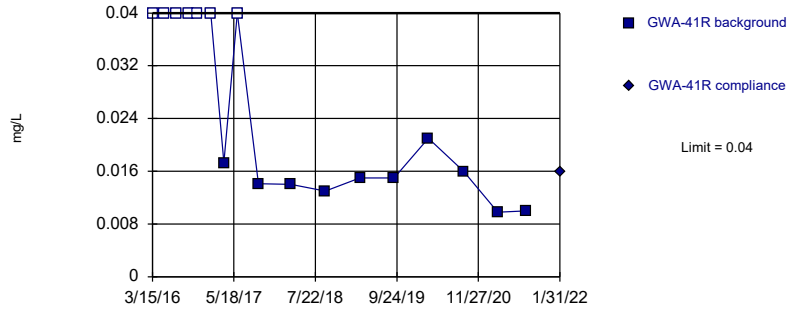


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

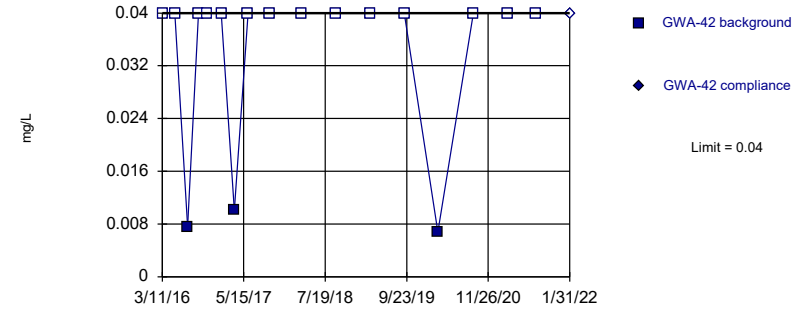


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

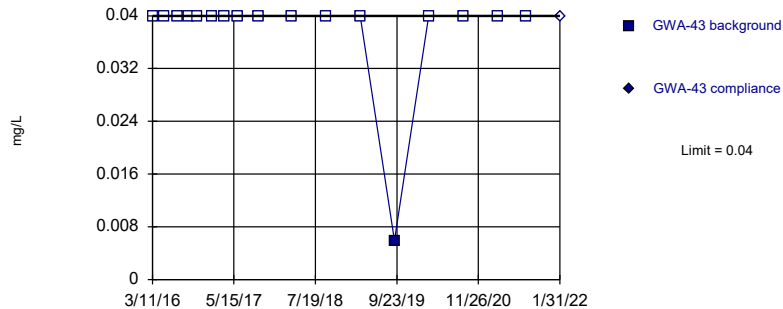


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

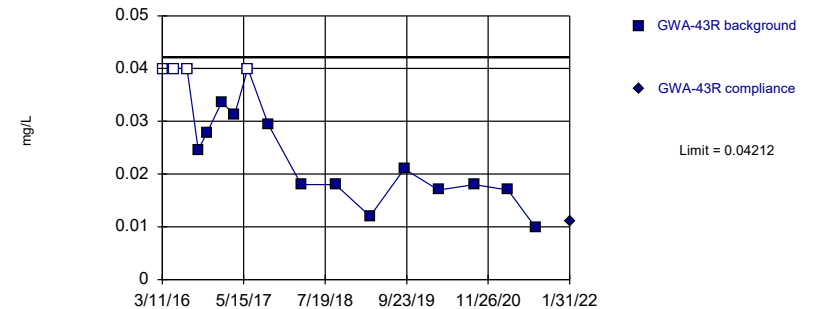


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

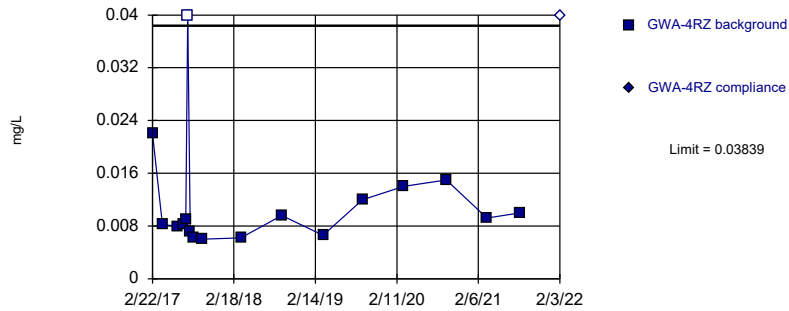


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.02003, Std. Dev.=0.008233, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

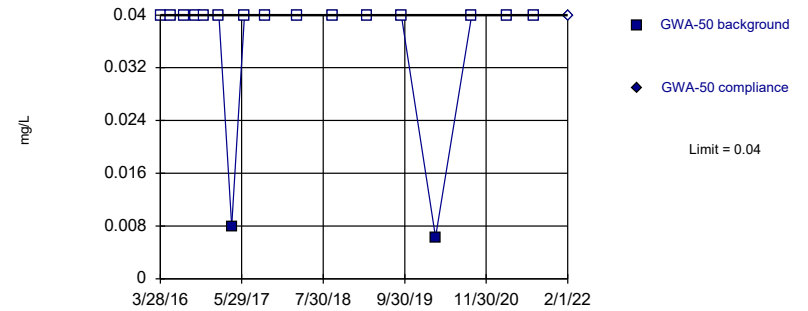


Background Data Summary (based on natural log transformation): Mean=-4.603, Std. Dev.=0.5005, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.855, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

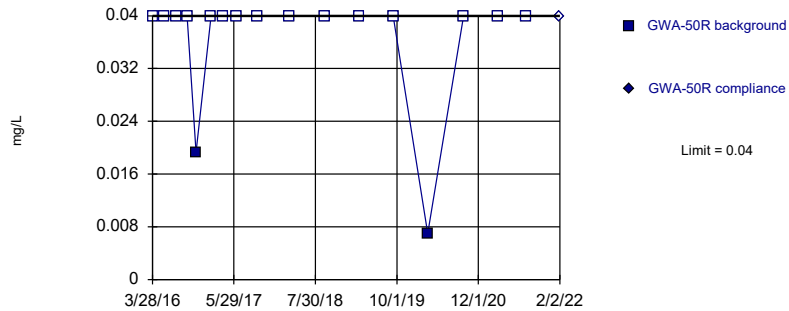


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

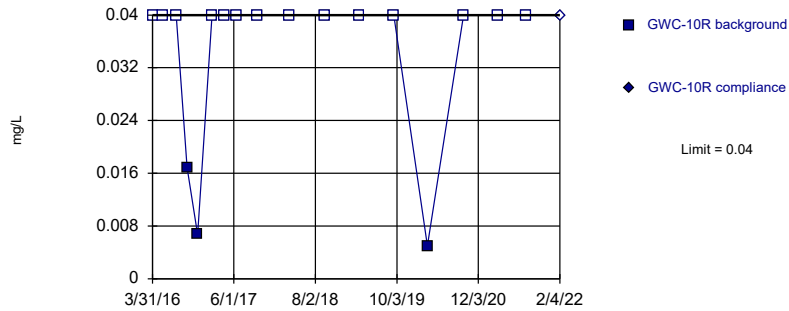
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
Intrawell Non-parametric

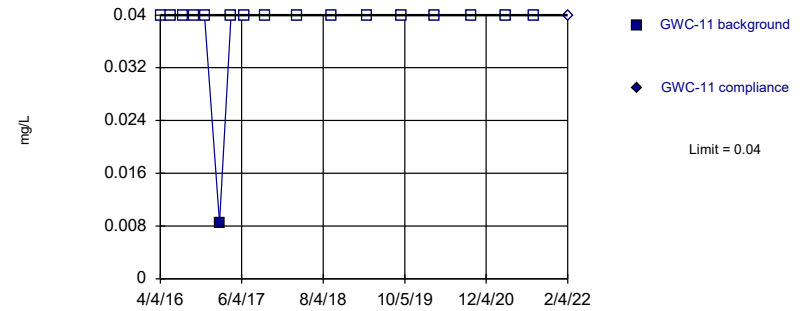


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

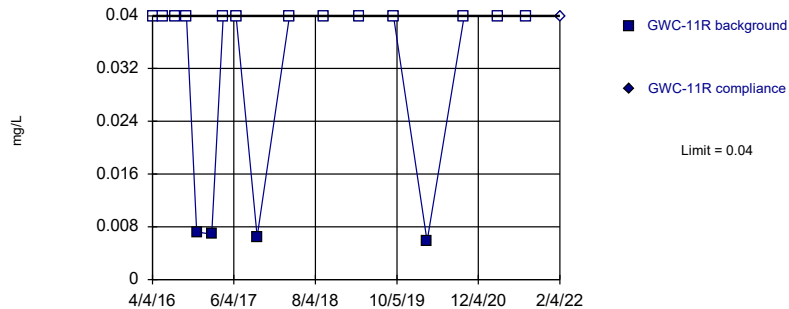


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

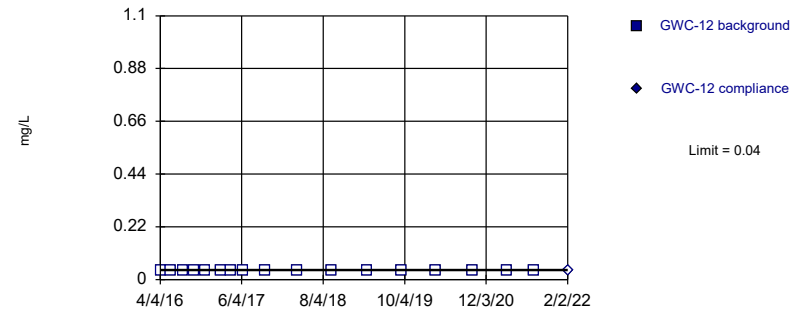


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

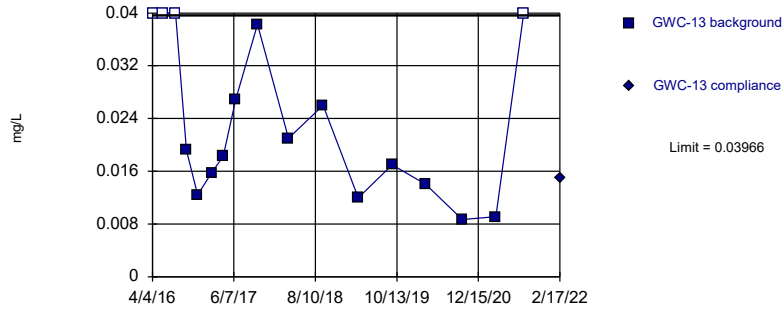


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

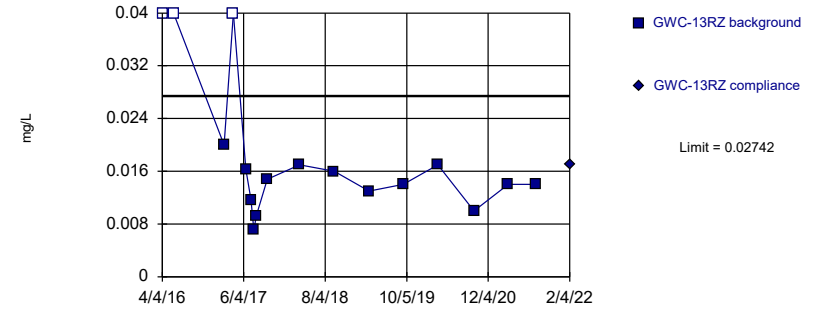


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.01835, Std. Dev.=0.00794, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8577, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

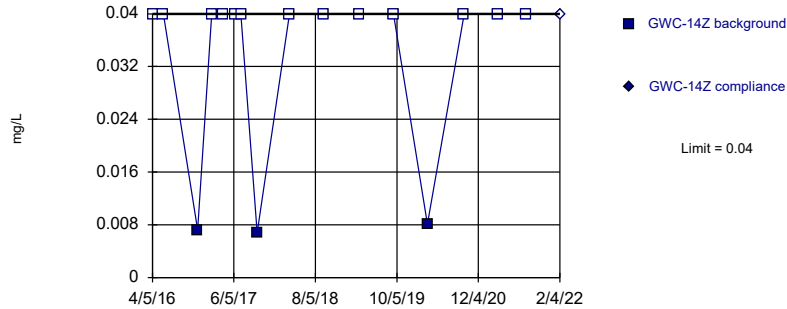


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-4.386, Std. Dev.=0.2941, n=17, 17.65% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

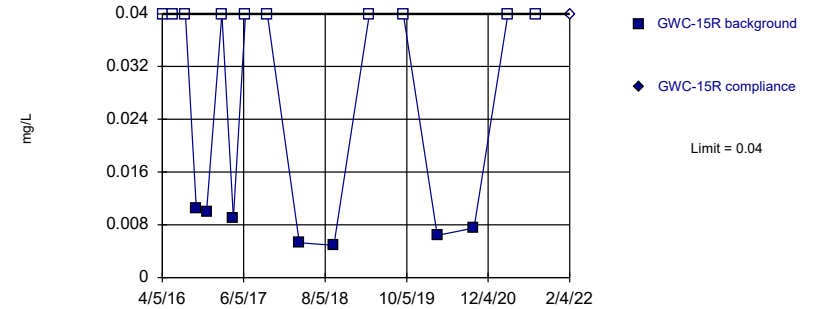


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

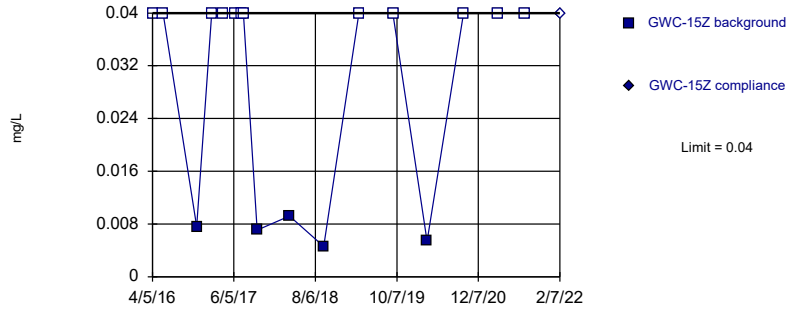


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 58.82% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

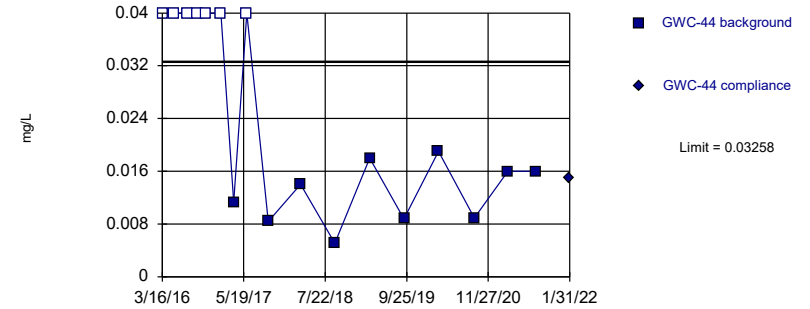


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

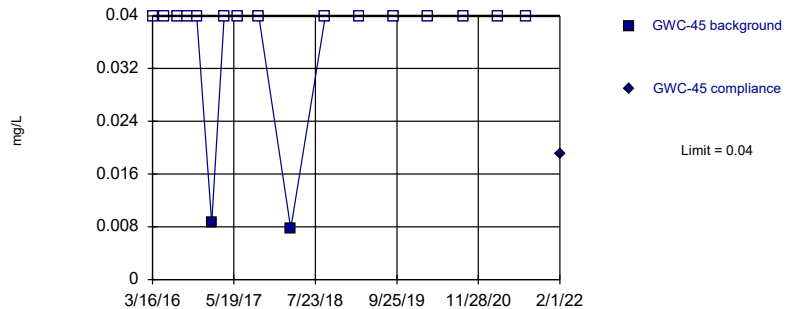


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-4.509, Std. Dev.=0.4043, n=17, 41.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8592, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

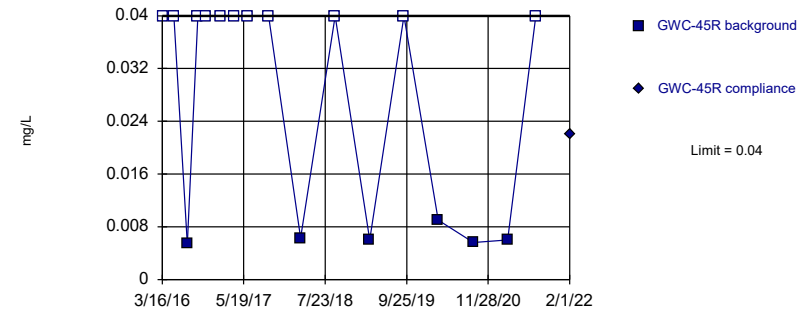


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

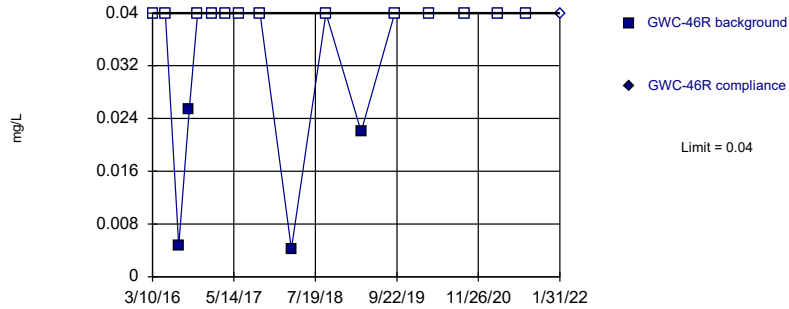


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

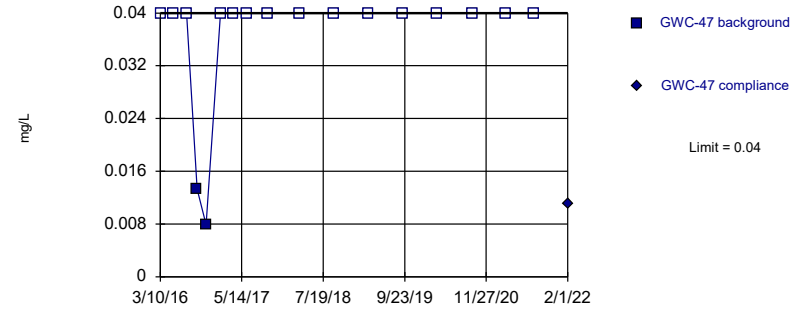


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

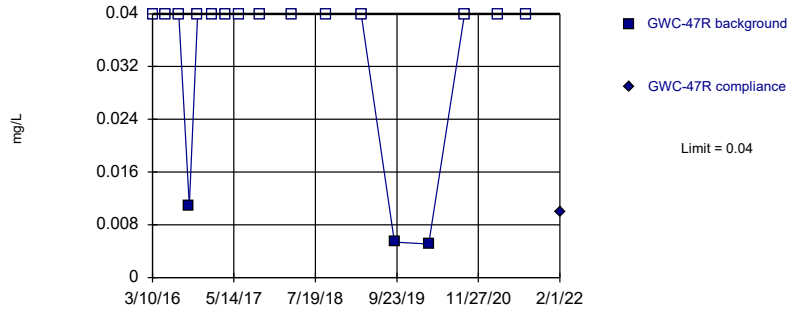


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

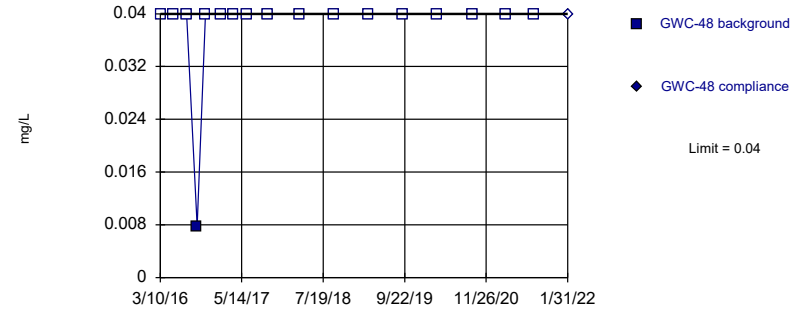


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

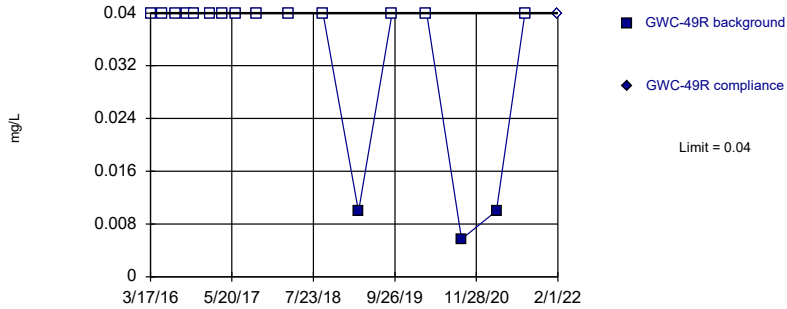


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

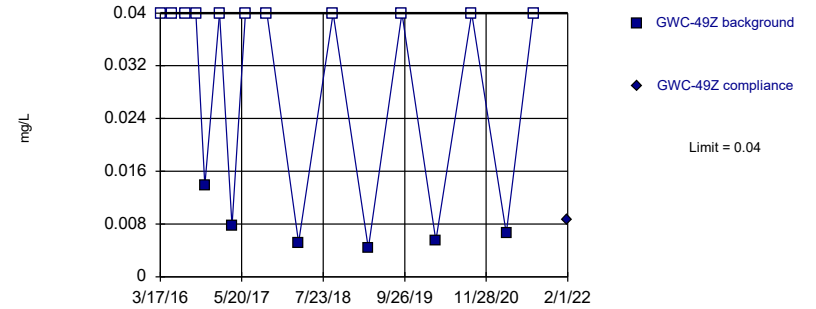


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

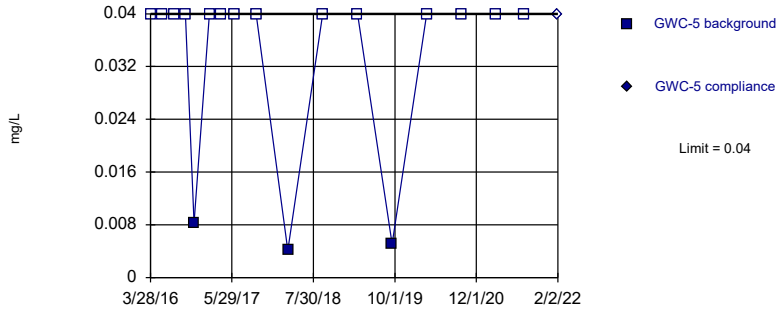


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

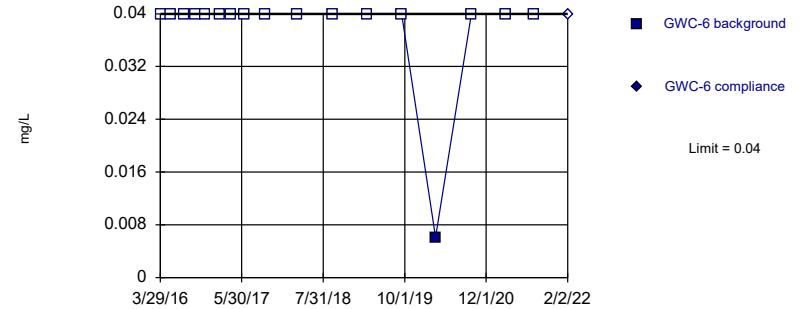


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

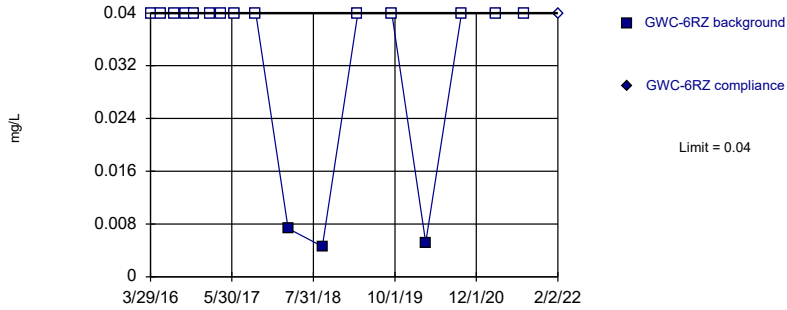


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:38 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

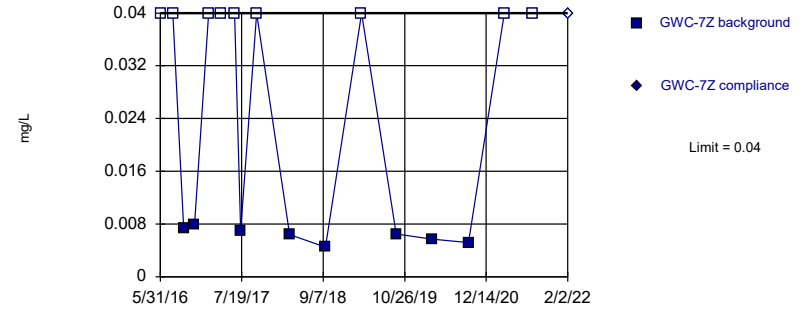


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

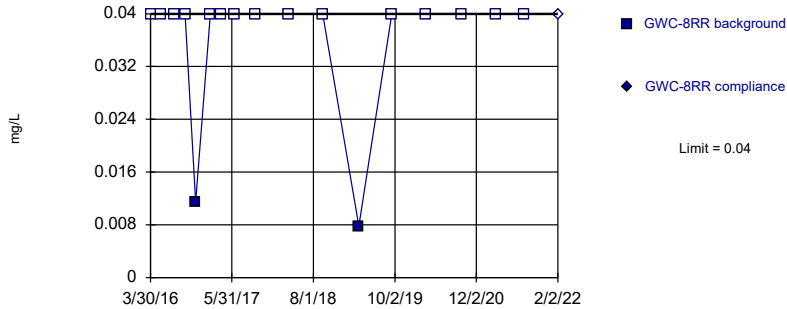


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 52.94% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

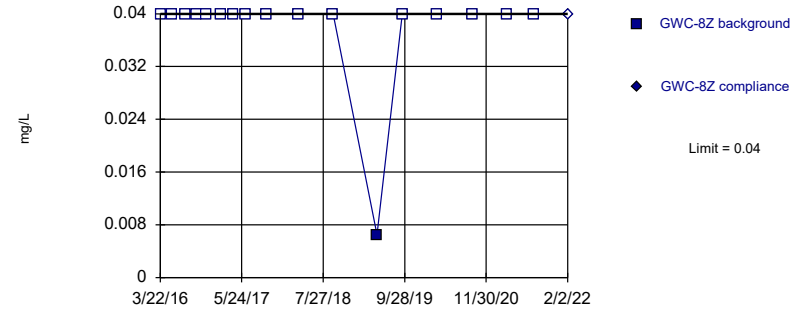


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

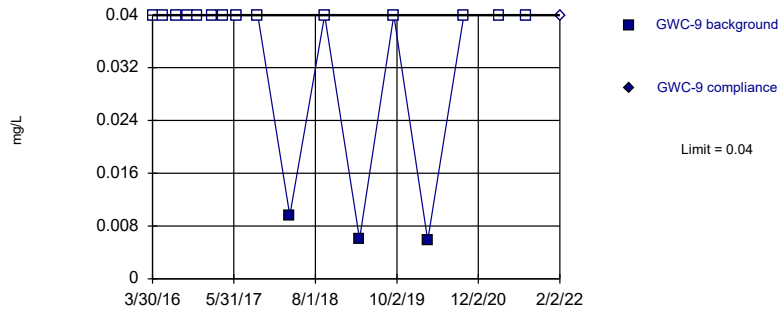


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

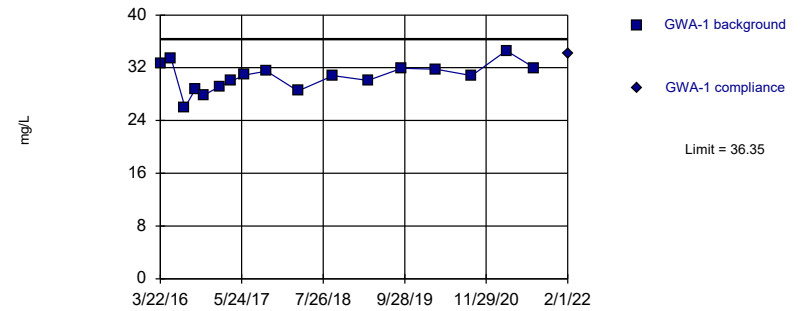


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

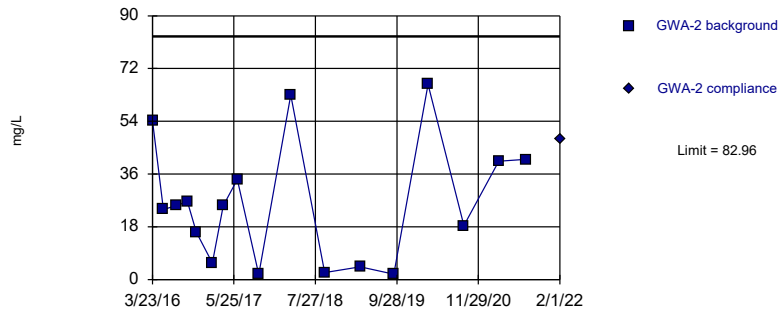


Background Data Summary: Mean=30.64, Std. Dev.=2.13, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9879, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

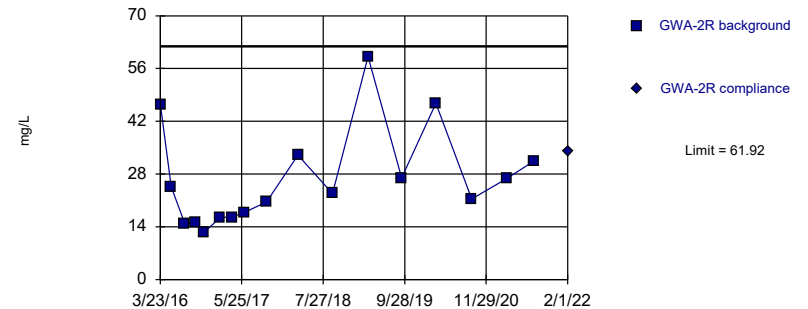


Background Data Summary: Mean=26.51, Std. Dev.=21.04, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9185, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

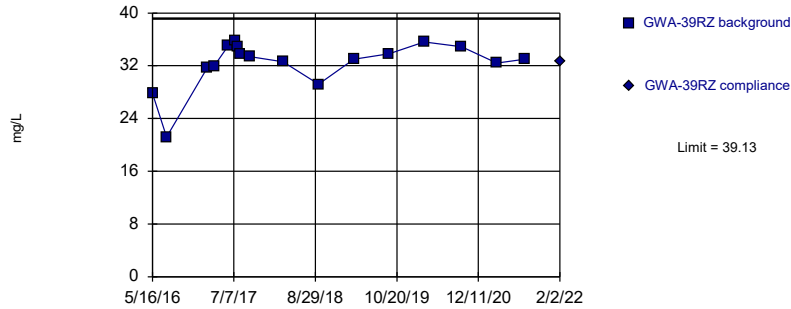


Background Data Summary: Mean=26.68, Std. Dev.=13.13, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.86, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

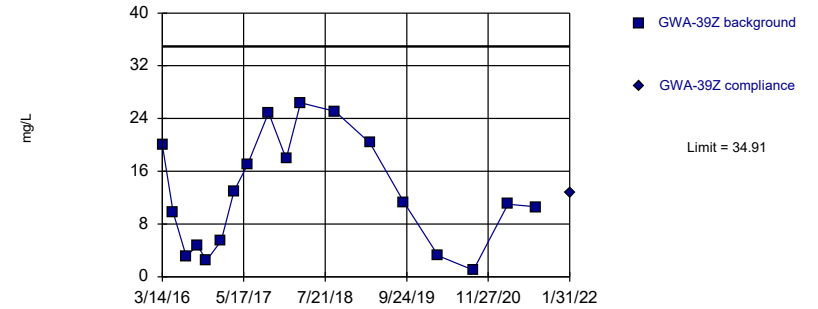


Background Data Summary (based on cube transformation): Mean=34952, Std. Dev.=9306, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8852, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

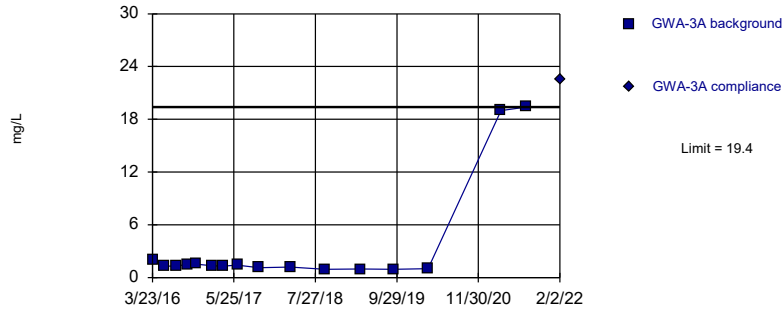


Background Data Summary: Mean=12.62, Std. Dev.=8.42, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9288, critical = 0.858. Kappa = 2.647 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

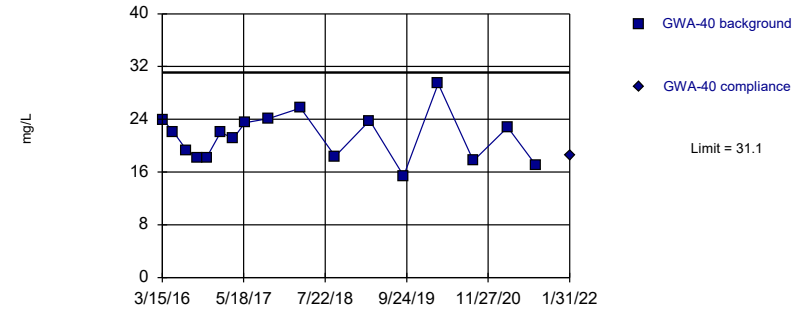


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

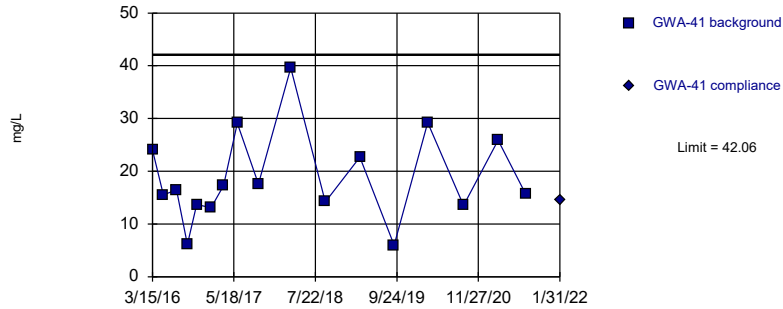


Background Data Summary: Mean=21.34, Std. Dev.=3.637, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9605, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

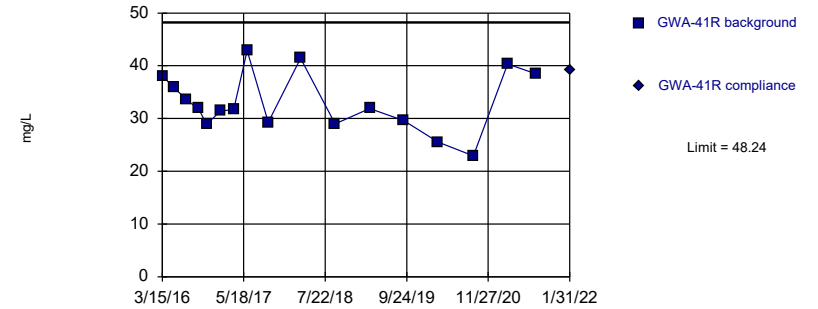


Background Data Summary: Mean=18.81, Std. Dev.=8.667, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.934, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

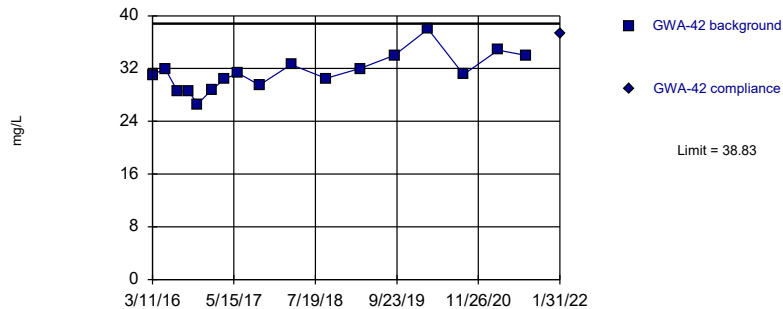


Background Data Summary: Mean=33.1, Std. Dev.=5.641, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9609, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

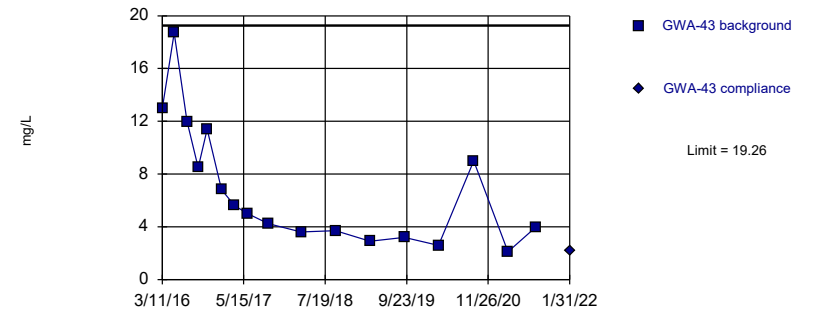


Background Data Summary: Mean=31.39, Std. Dev.=2.773, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

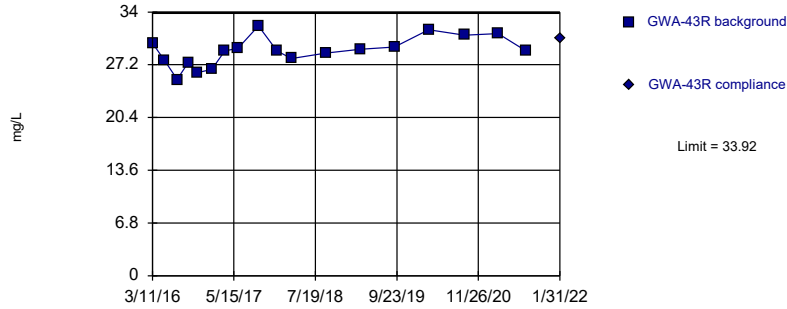


Background Data Summary: Mean=6.843, Std. Dev.=4.628, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8631, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

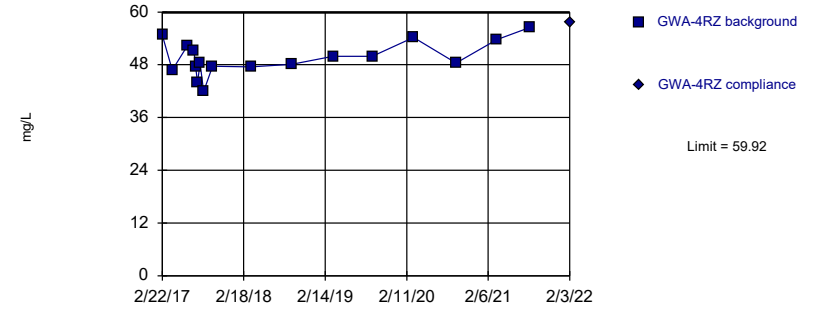


Background Data Summary: Mean=28.96, Std. Dev.=1.875, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9746, critical = 0.858. Kappa = 2.647 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

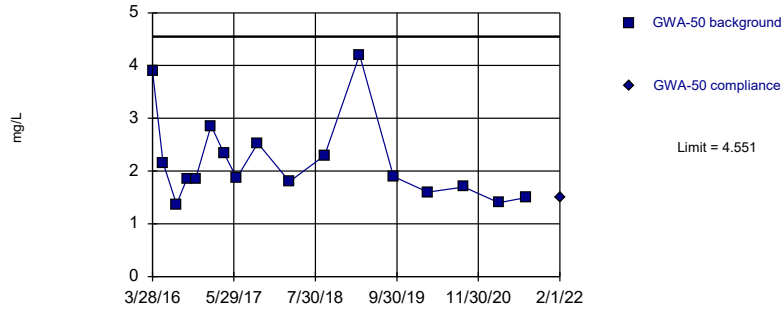


Background Data Summary: Mean=49.56, Std. Dev.=3.858, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9676, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

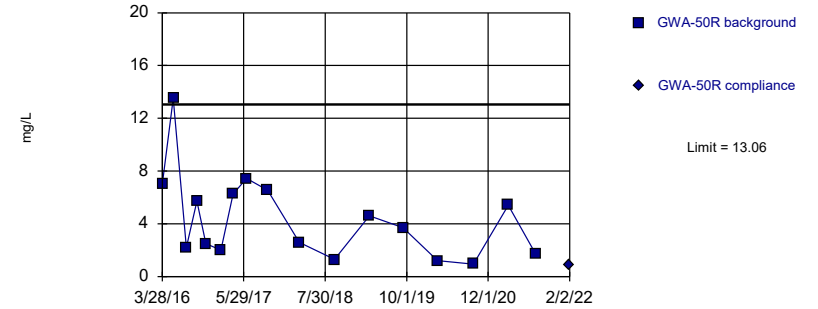


Background Data Summary (based on square root transformation): Mean=1.458, Std. Dev.=0.2518, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8714, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

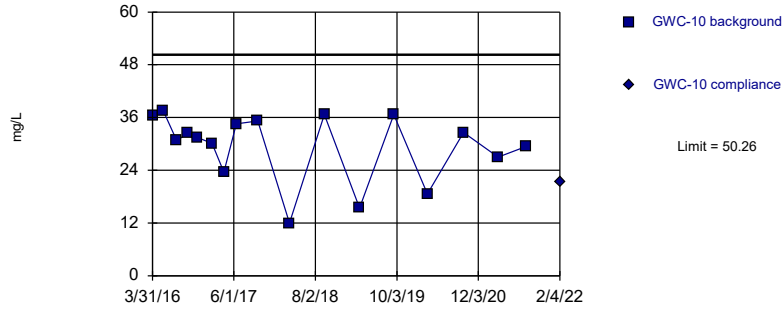


Background Data Summary: Mean=4.392, Std. Dev.=3.23, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8664, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

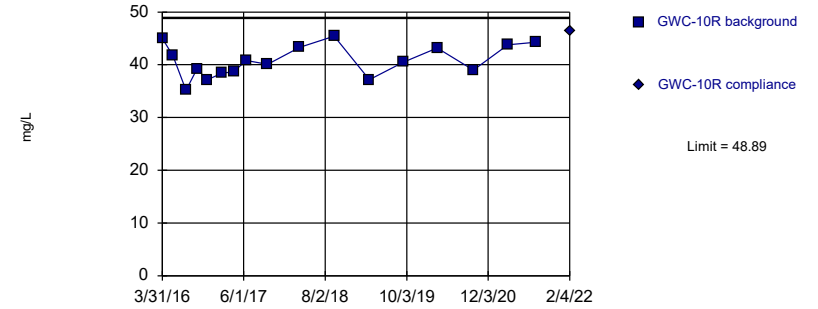


Background Data Summary: Mean=29.44, Std. Dev.=7.761, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8667, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

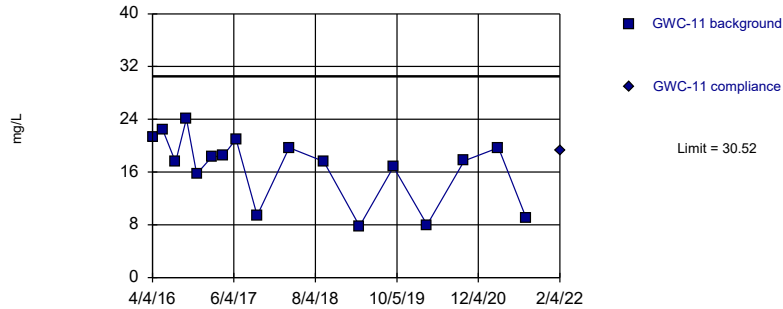


Background Data Summary: Mean=40.76, Std. Dev.=3.028, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9606, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

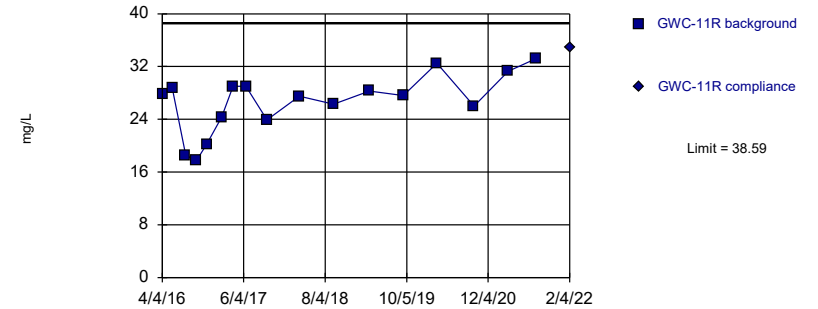


Background Data Summary: Mean=16.75, Std. Dev.=5.131, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8822, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

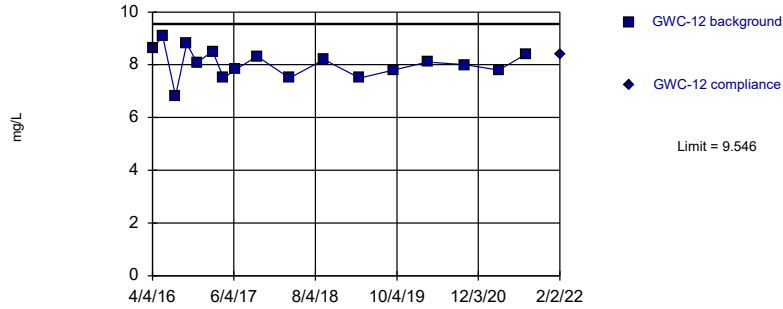


Background Data Summary: Mean=26.59, Std. Dev.=4.472, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9308, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

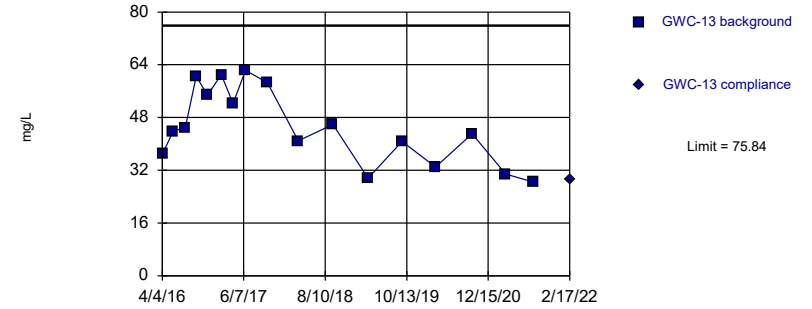


Background Data Summary: Mean=8.05, Std. Dev.=0.5575, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9833, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

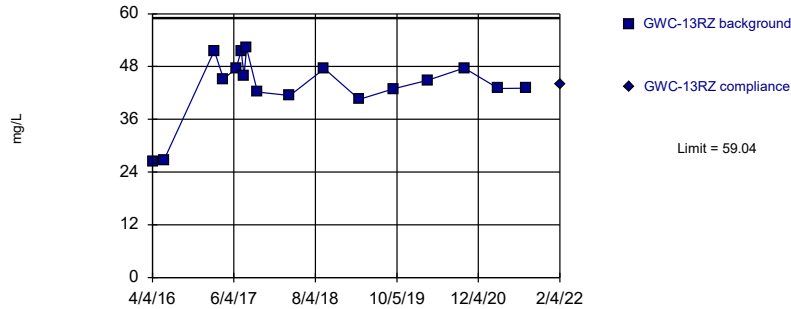


Background Data Summary: Mean=45.15, Std. Dev.=11.44, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

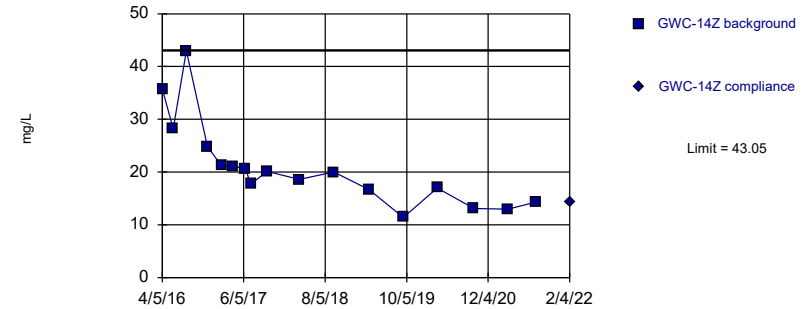


Background Data Summary (based on square transformation): Mean=1947, Std. Dev.=573.4, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8872, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

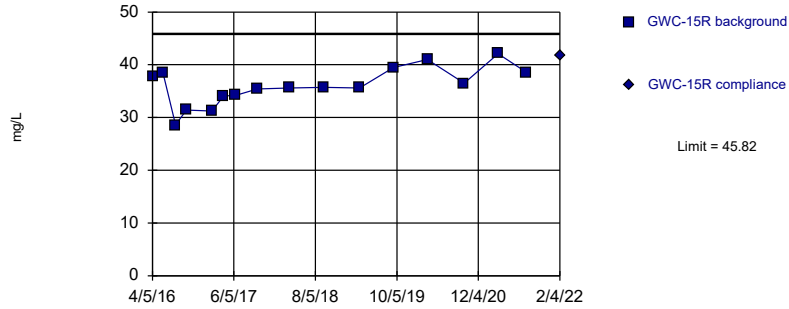
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

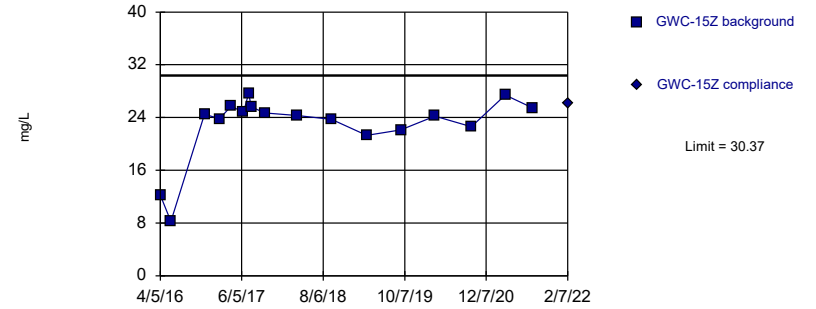


Background Data Summary: Mean=35.98, Std. Dev.=3.621, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9765, critical = 0.844. Kappa = 2.72 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

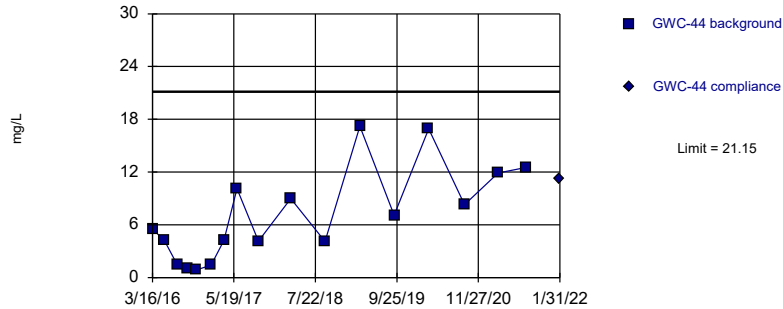


Background Data Summary (based on cube transformation): Mean=13334, Std. Dev.=5471, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8822, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

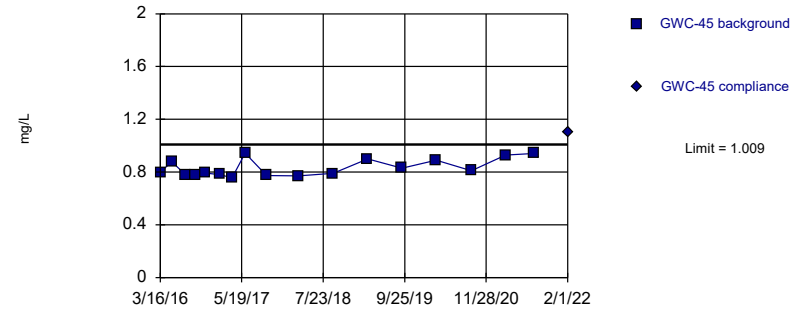


Background Data Summary: Mean=7.058, Std. Dev.=5.251, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.912, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit

Prediction Limit
Intrawell Parametric

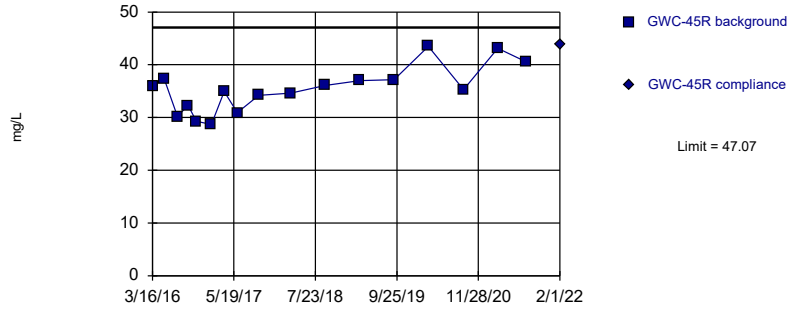


Background Data Summary: Mean=0.8318, Std. Dev.=0.06622, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8519, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

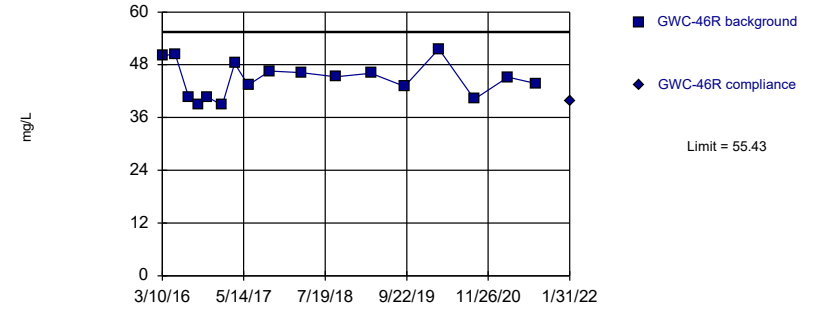


Background Data Summary: Mean=35.37, Std. Dev.=4.358, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9519, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

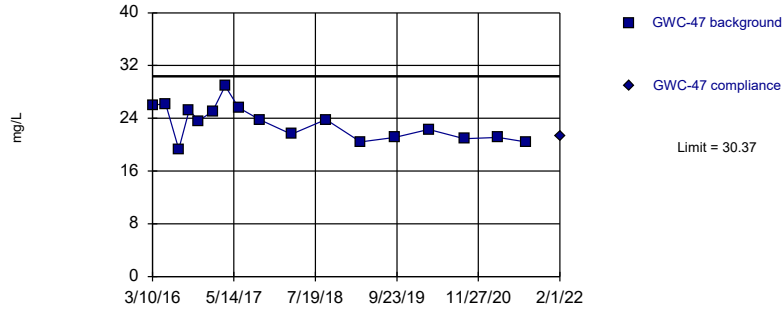


Background Data Summary: Mean=44.66, Std. Dev.=4.014, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9542, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

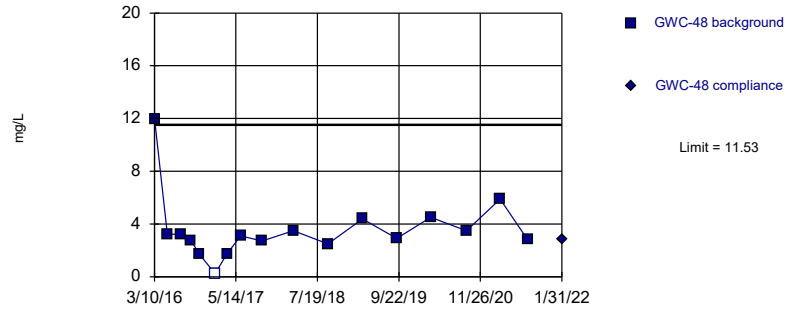
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
 Intrawell Parametric

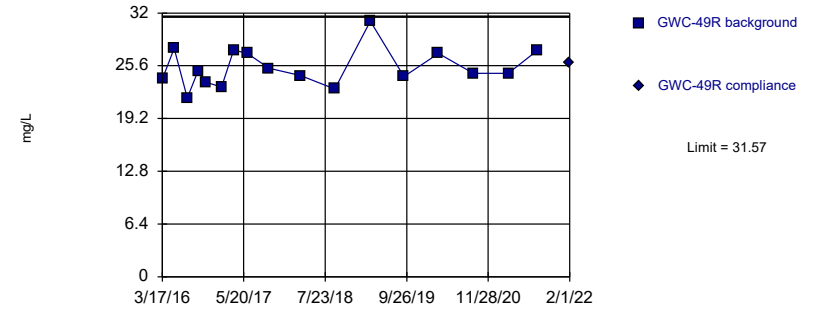


Background Data Summary (based on square root transformation): Mean=1.798, Std. Dev.=0.5951, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8711, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

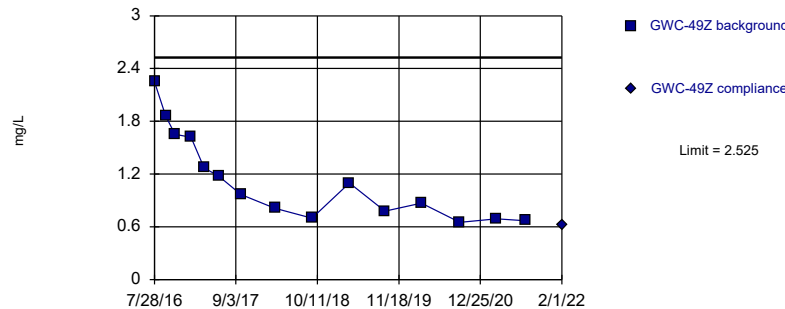


Background Data Summary: Mean=25.36, Std. Dev.=2.314, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9407, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

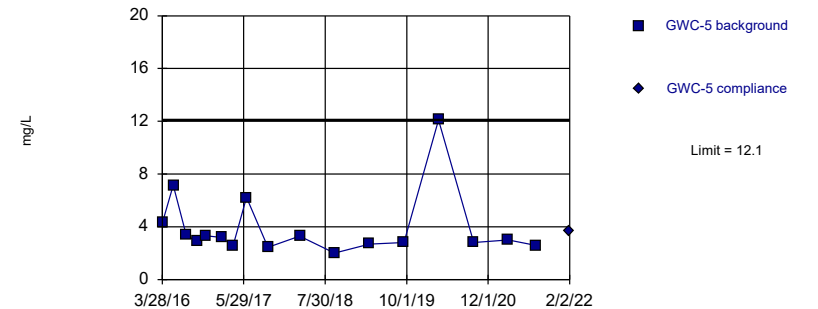


Background Data Summary: Mean=1.138, Std. Dev.=0.4971, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8737, critical = 0.835. Kappa = 2.79 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

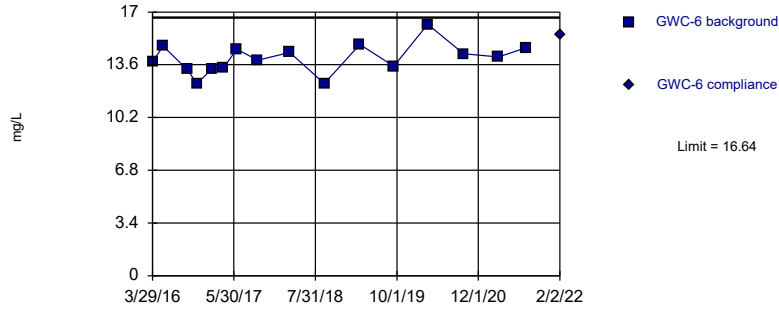
Within Limit

Prediction Limit
 Intrawell Non-parametric



Within Limit

Prediction Limit
Intrawell Parametric

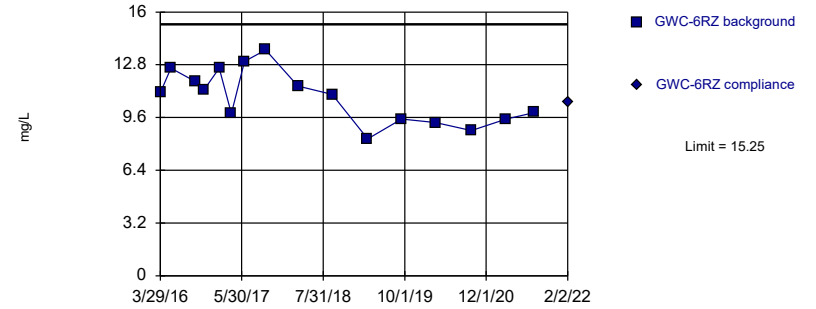


Background Data Summary: Mean=14, Std. Dev.=0.9716, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.844. Kappa = 2.72 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

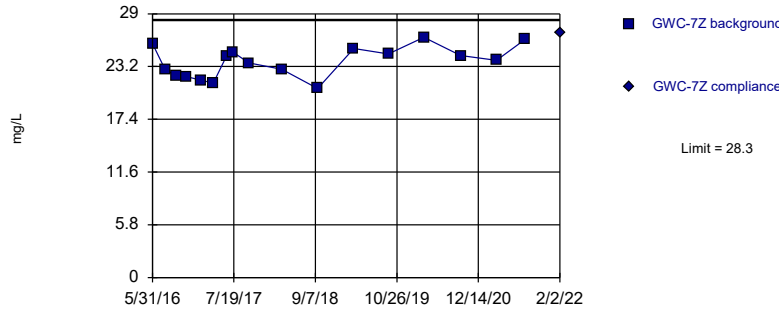


Background Data Summary: Mean=10.86, Std. Dev.=1.616, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9596, critical = 0.844. Kappa = 2.72 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

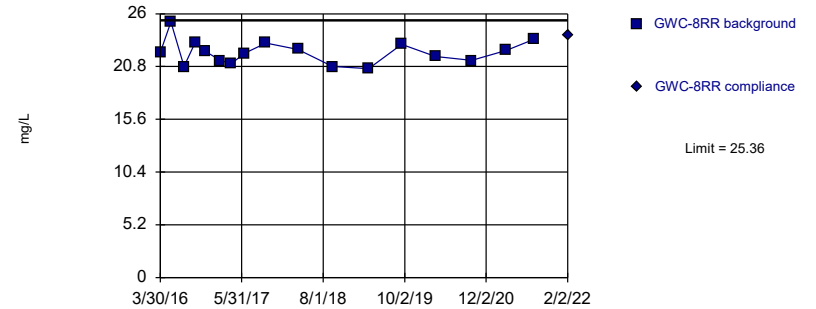


Background Data Summary: Mean=23.72, Std. Dev.=1.707, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9651, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

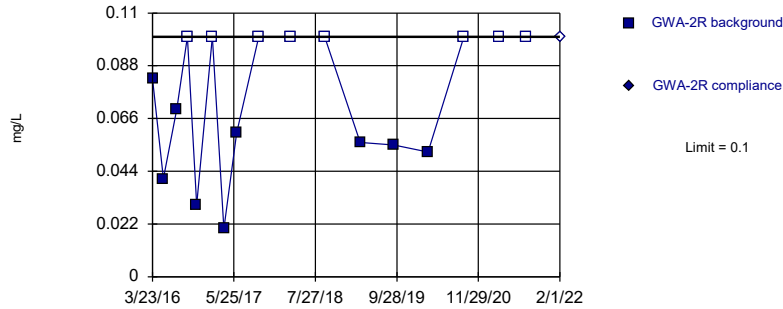


Background Data Summary: Mean=22.19, Std. Dev.=1.179, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9384, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

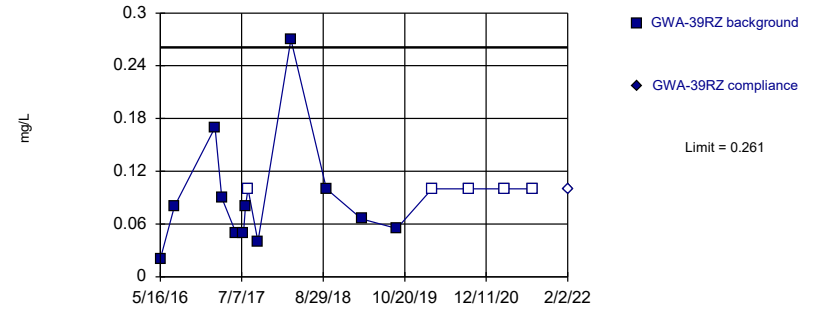


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

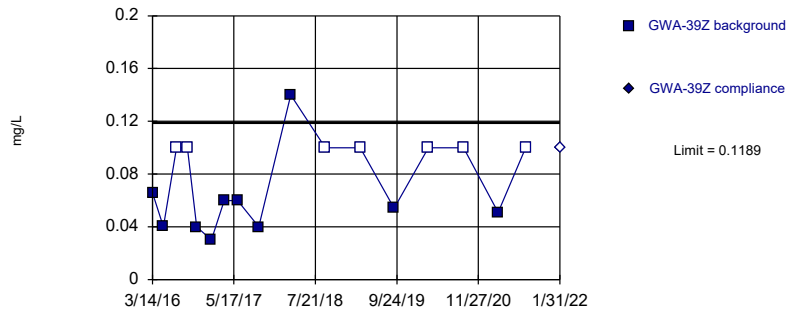


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.2606, Std. Dev.=0.09328, n=17, 29.41% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9007, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

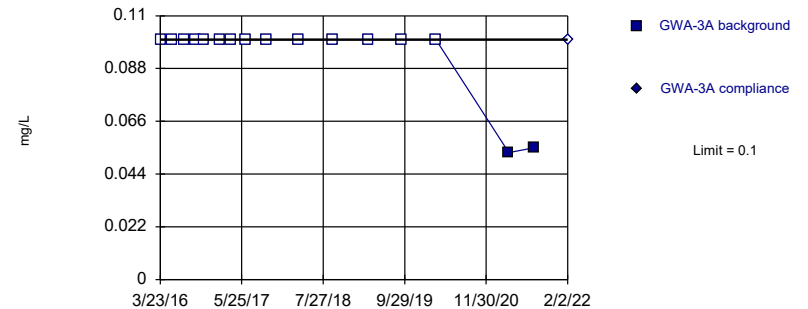


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.05128, Std. Dev.=0.0252, n=17, 41.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8838, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

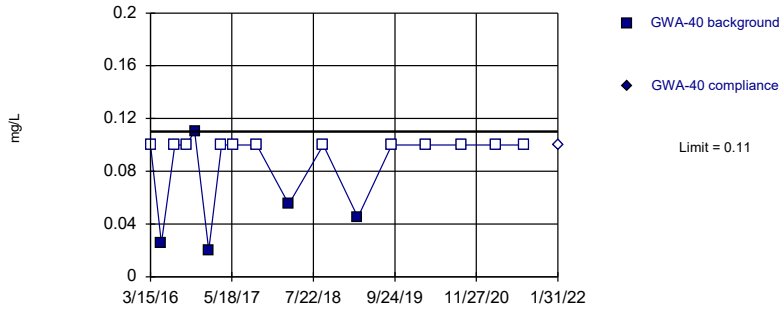


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

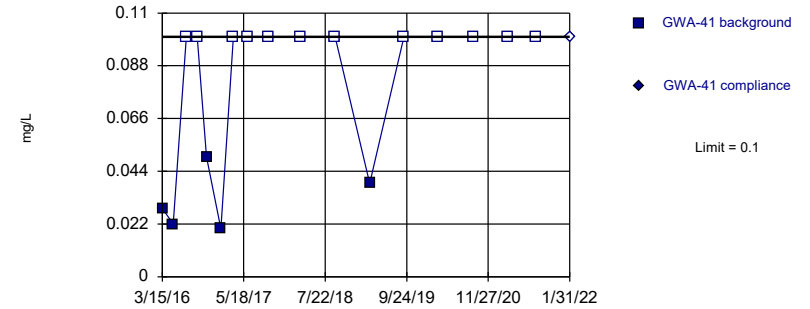


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

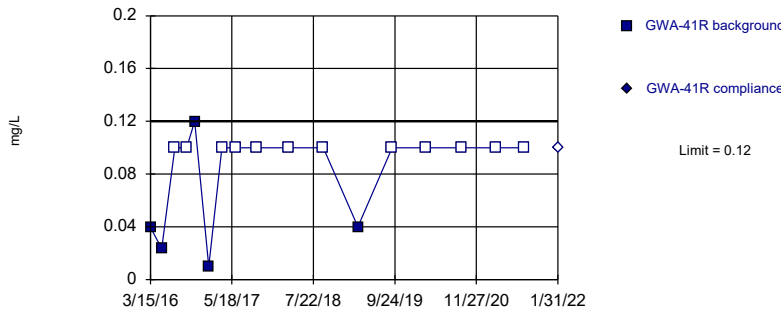


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

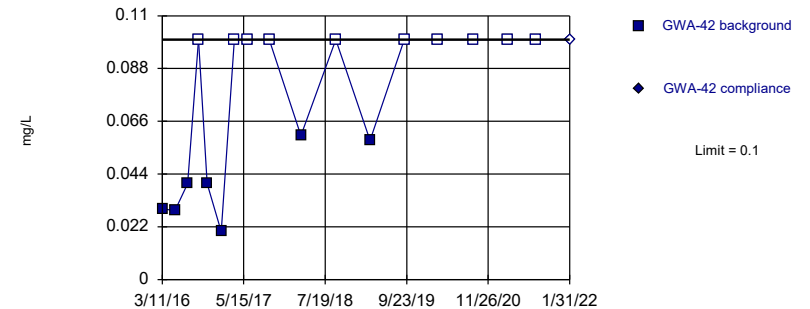


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

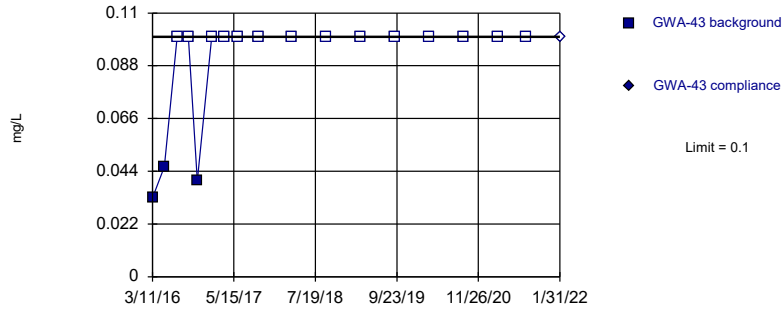


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 58.82% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

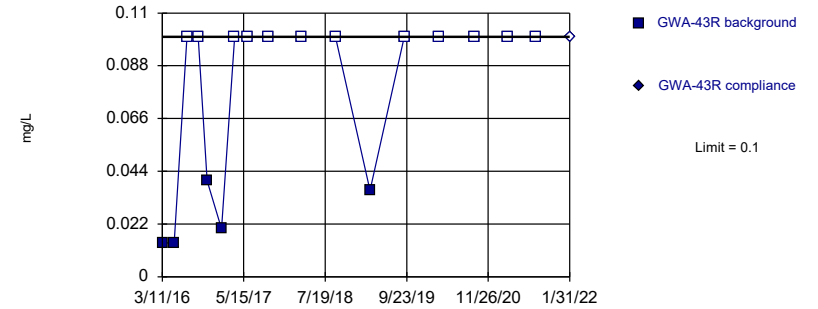


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

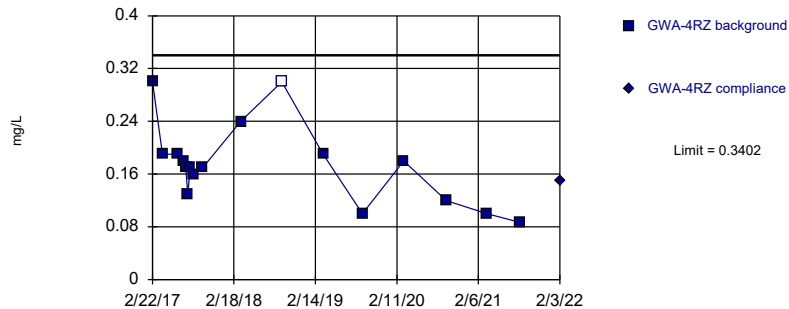


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

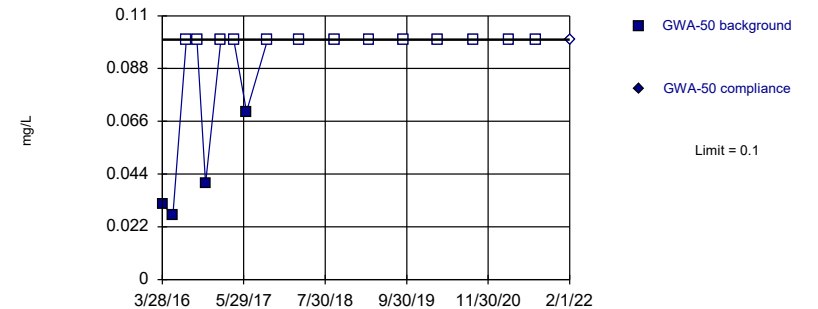


Background Data Summary: Mean=0.1751, Std. Dev.=0.06151, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

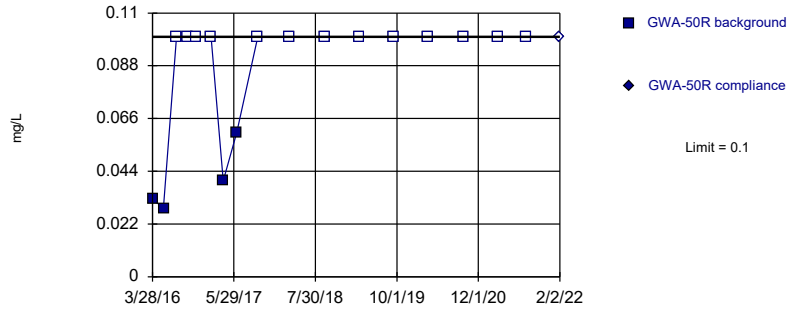


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

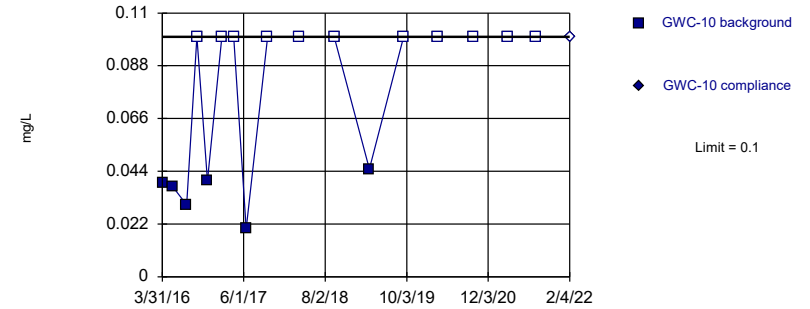


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

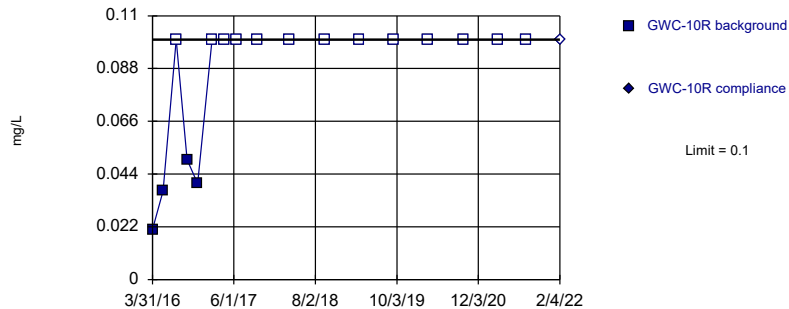


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

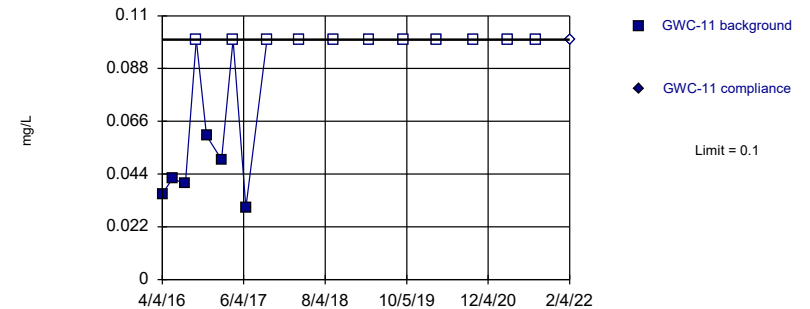


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

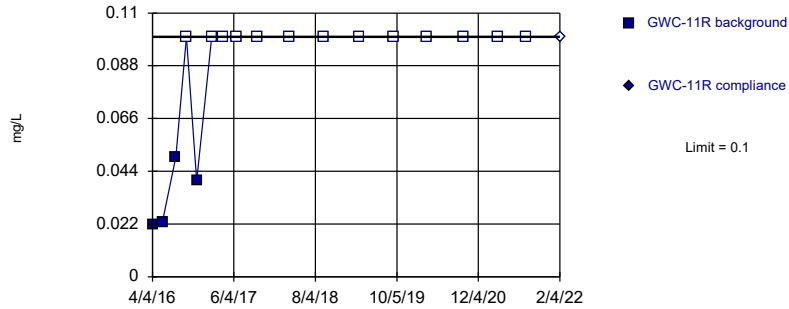


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

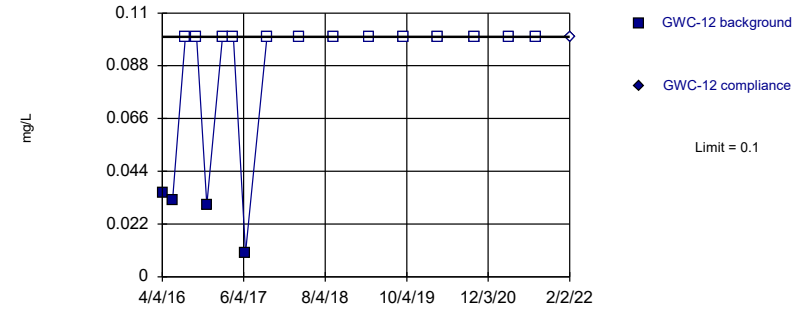


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

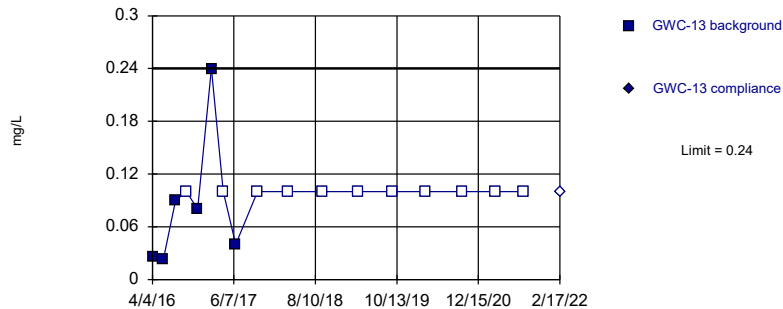


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:39 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

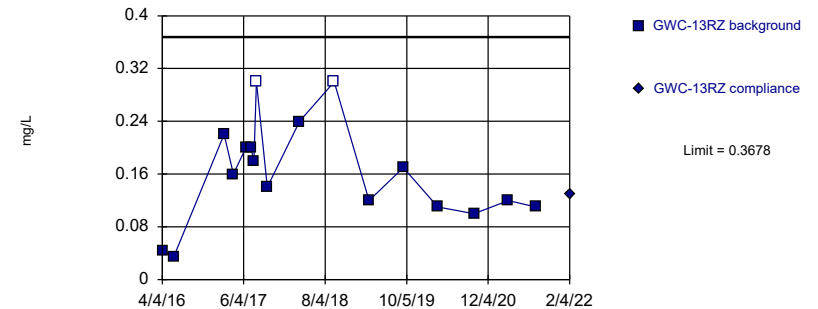


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

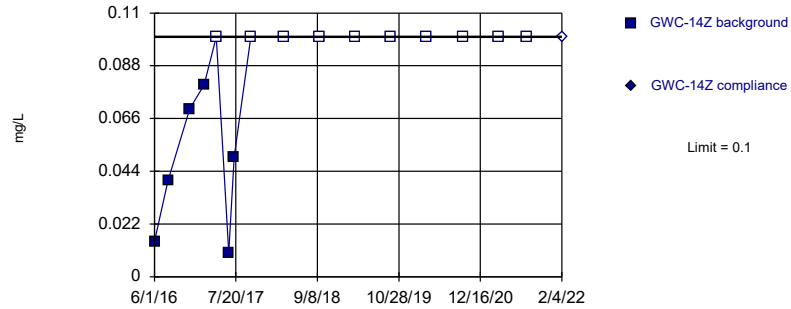


Background Data Summary: Mean=0.1616, Std. Dev.=0.07683, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9624, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

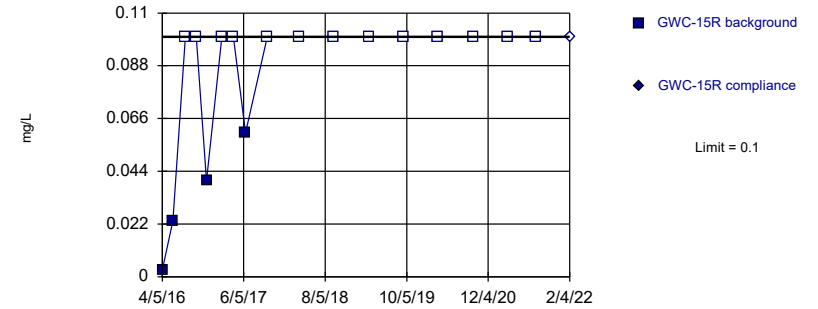


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

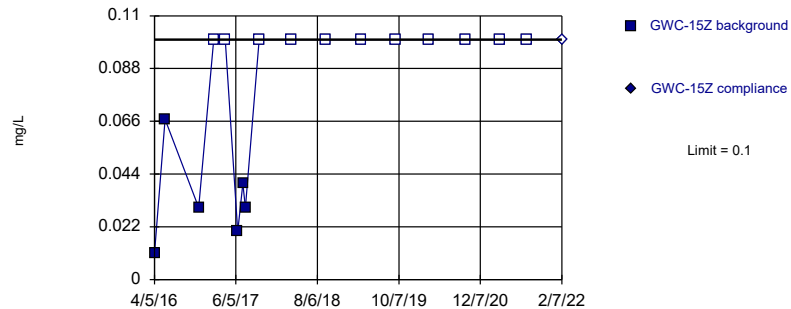


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

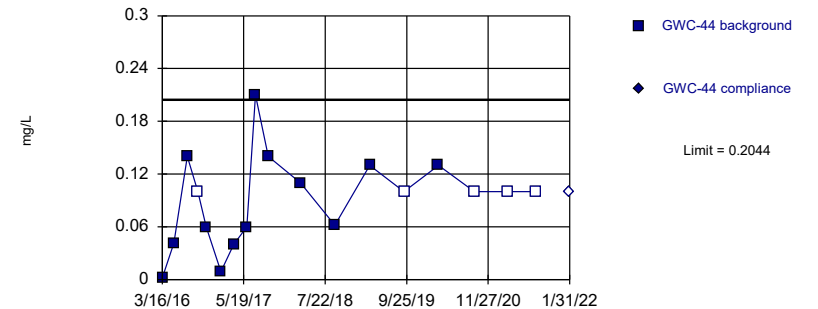


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

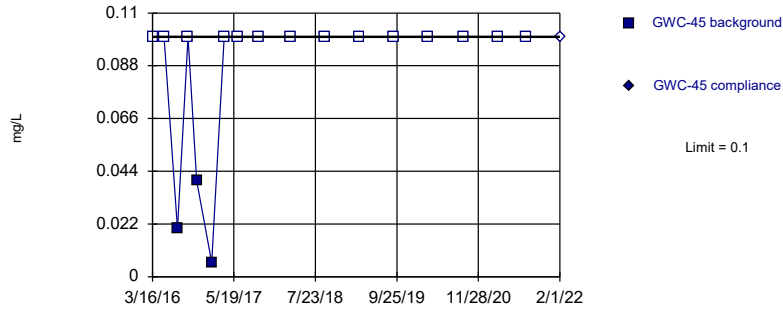
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Non-parametric

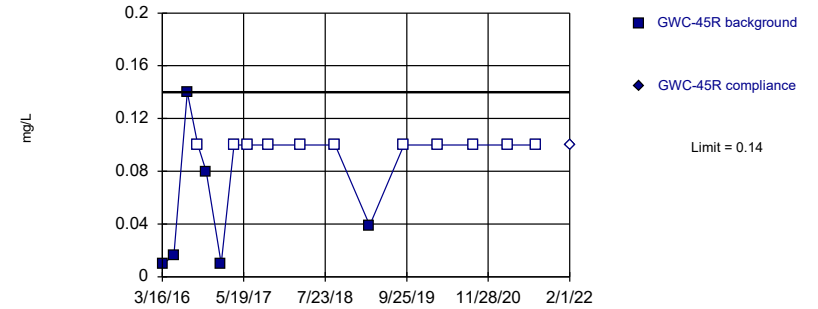


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

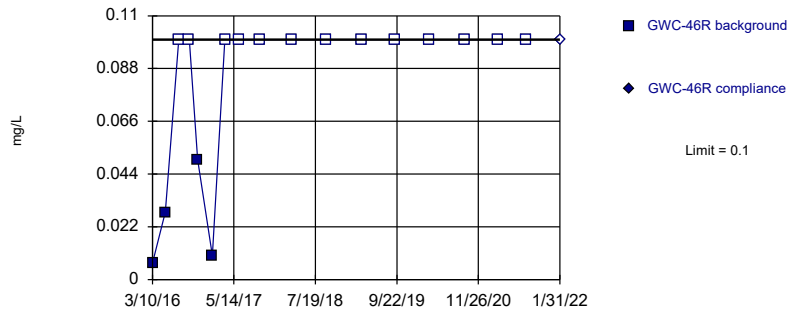


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

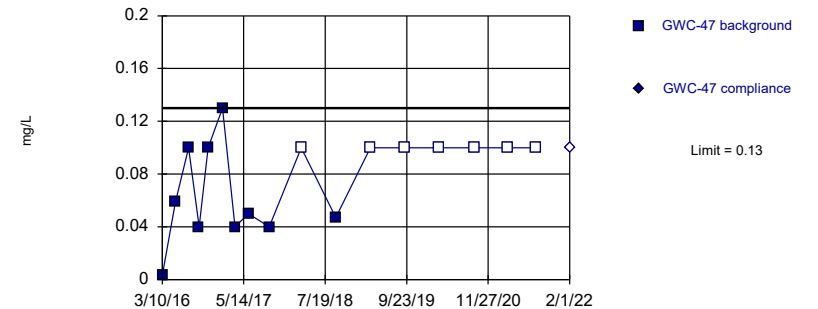


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

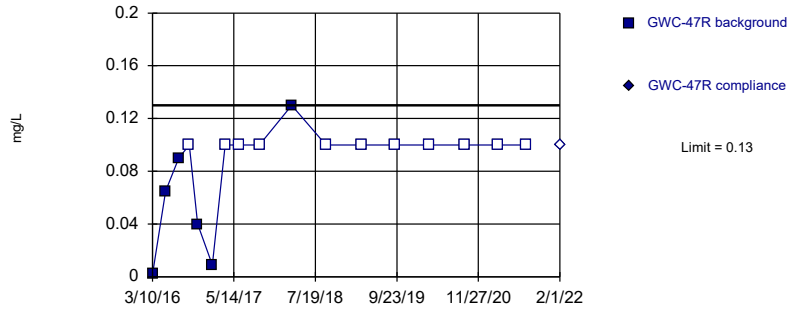


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

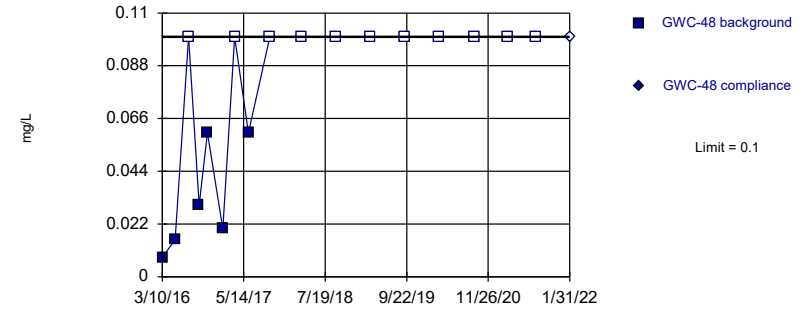


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

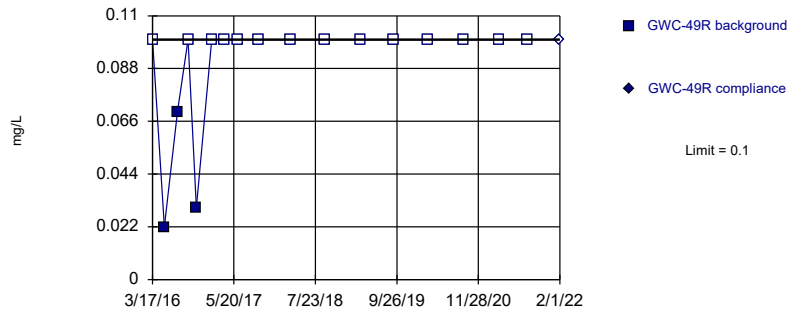


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

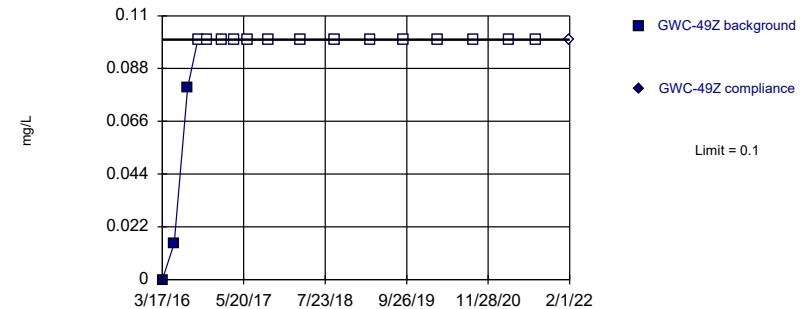


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

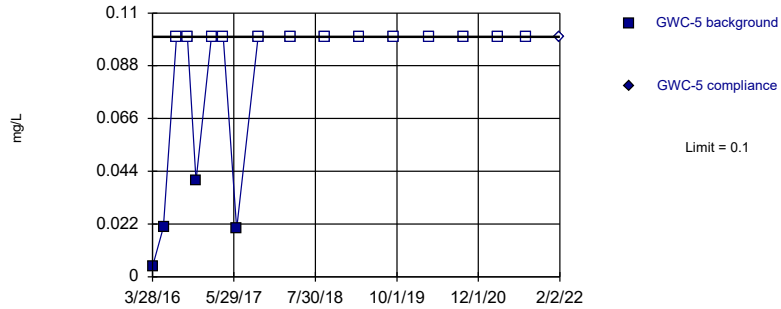


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

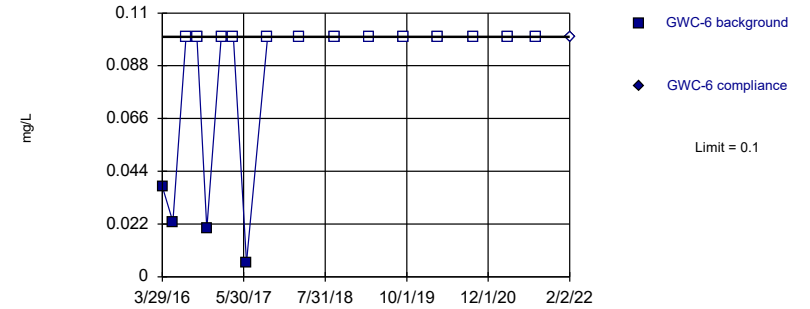


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

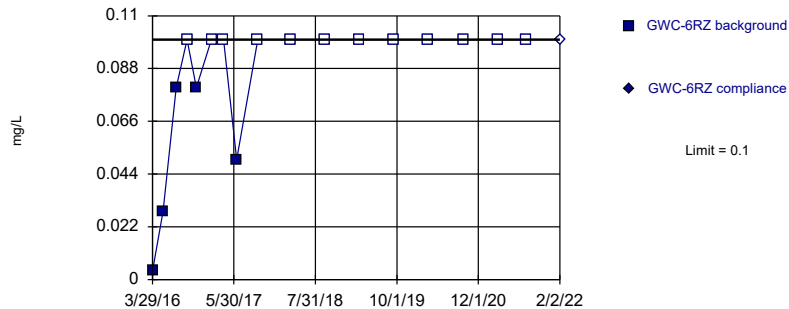


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

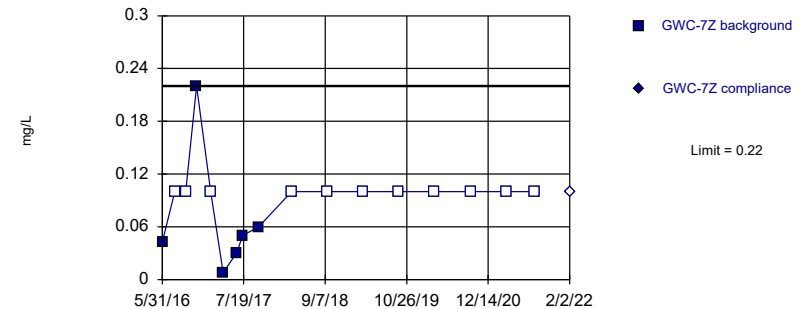


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Non-parametric

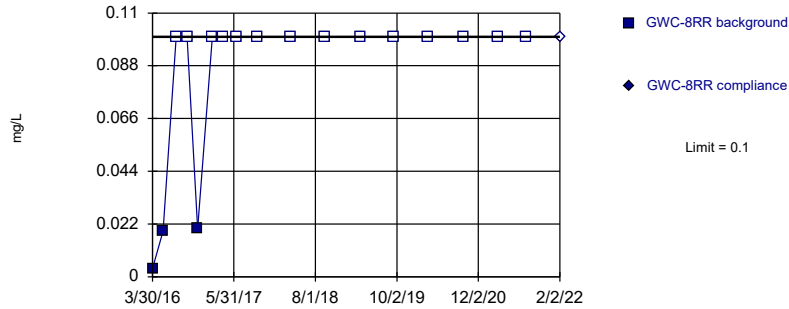


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

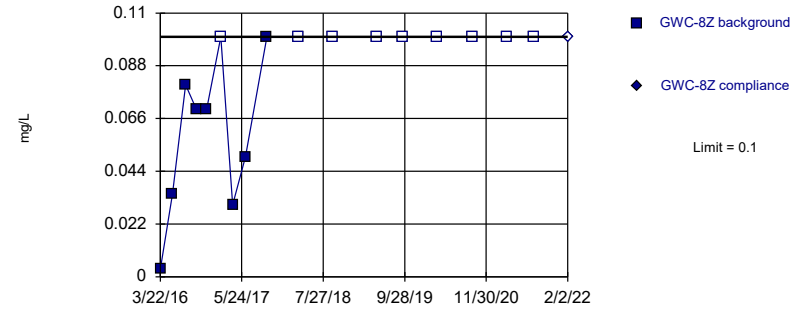


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

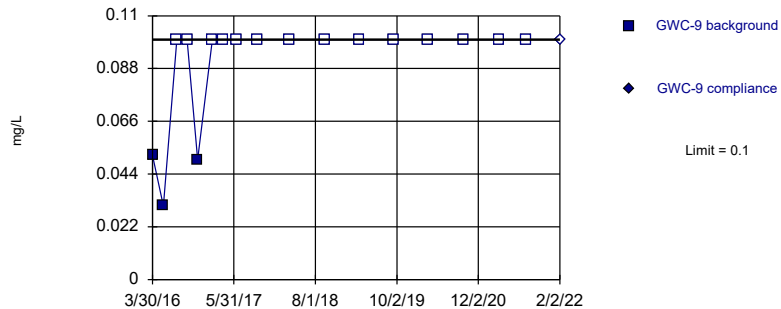


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 52.94% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

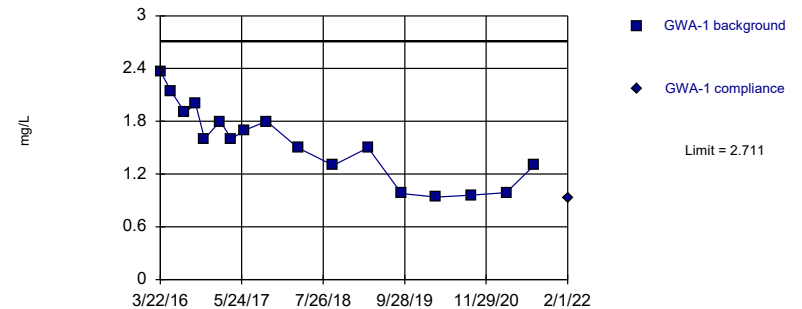


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

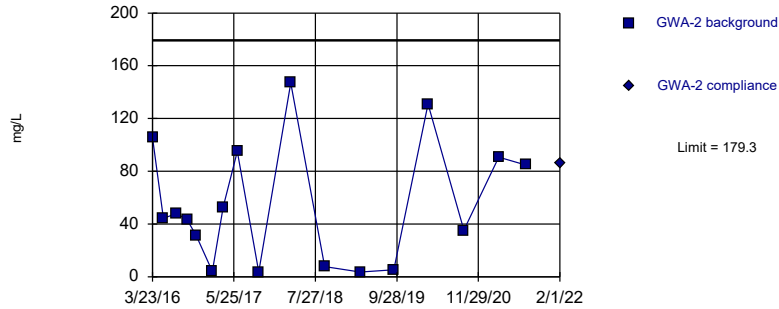


Background Data Summary: Mean=1.552, Std. Dev.=0.4319, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9521, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

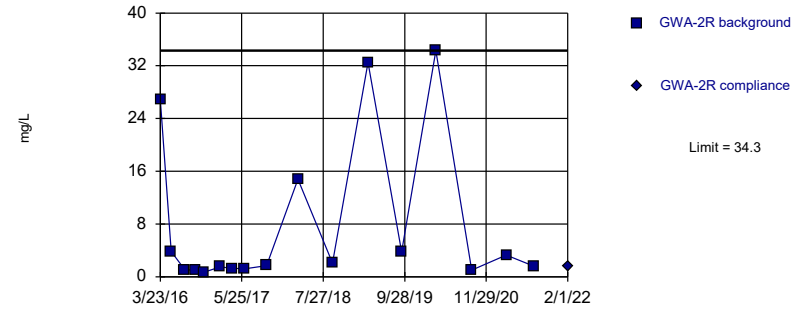


Background Data Summary: Mean=54.87, Std. Dev.=46.38, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9066, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

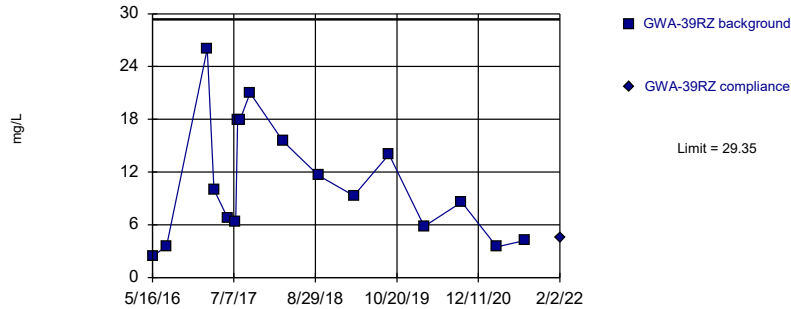


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

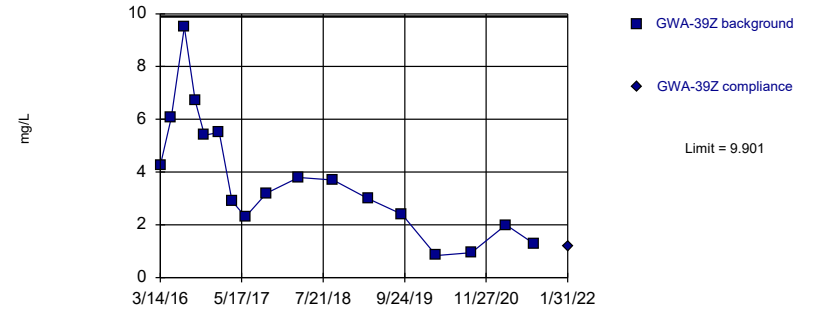


Background Data Summary: Mean=10.86, Std. Dev.=6.891, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9298, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

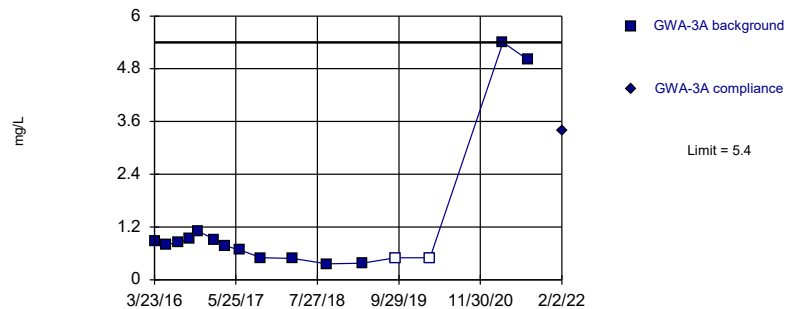


Background Data Summary: Mean=3.753, Std. Dev.=2.291, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9337, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

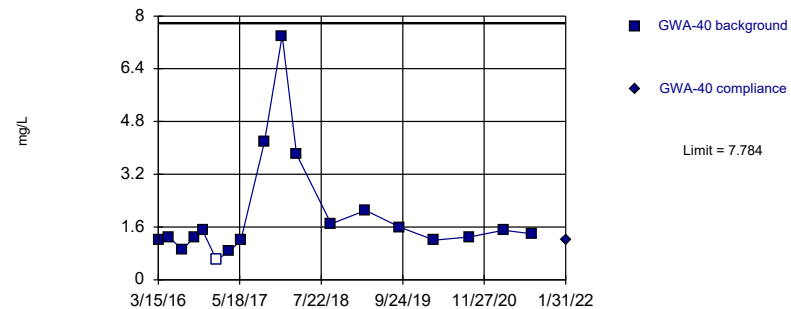


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

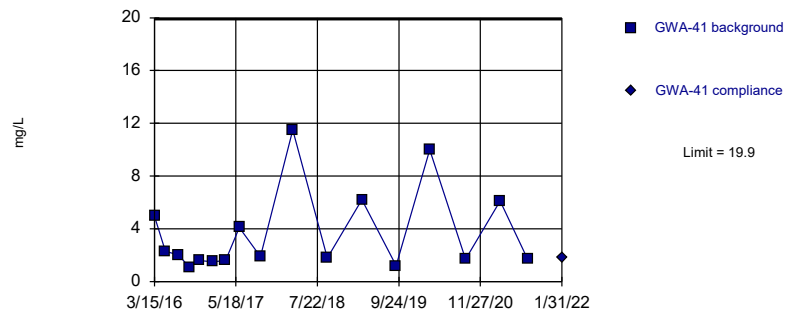


Background Data Summary (based on natural log transformation): Mean=0.4574, Std. Dev.=0.6025, n=18, 5.556% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8812, critical = 0.858. Kappa = 2.647 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

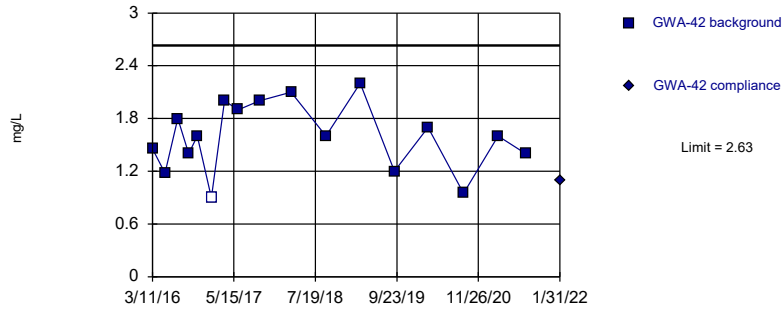
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
 Intrawell Parametric

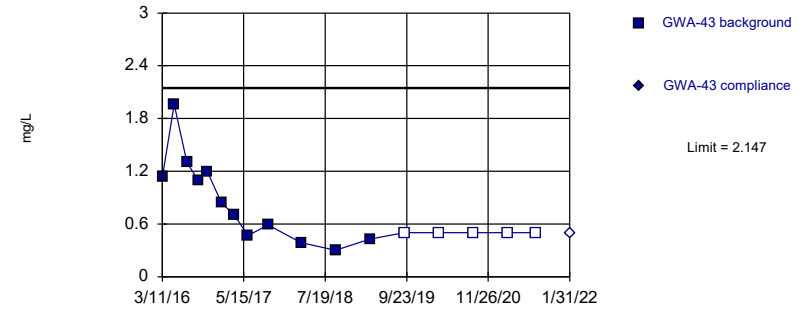


Background Data Summary: Mean=1.587, Std. Dev.=0.3887, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9657, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

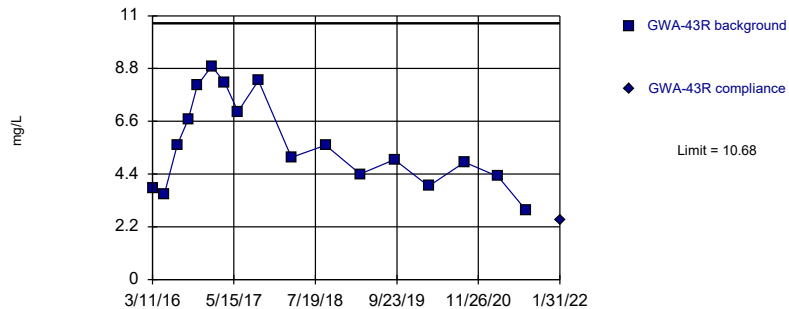


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.8458, Std. Dev.=0.2309, n=17, 29.41% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8806, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

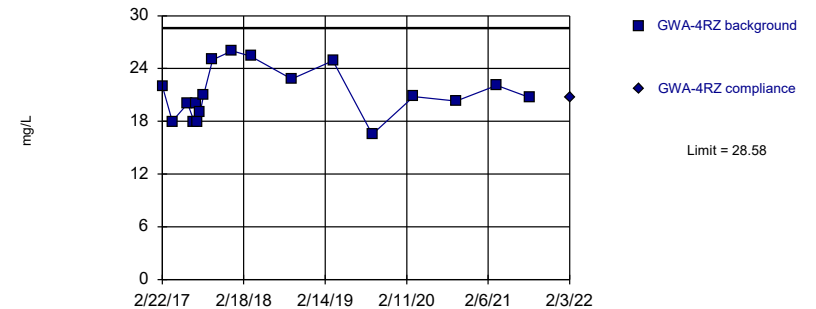


Background Data Summary: Mean=5.664, Std. Dev.=1.871, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9299, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

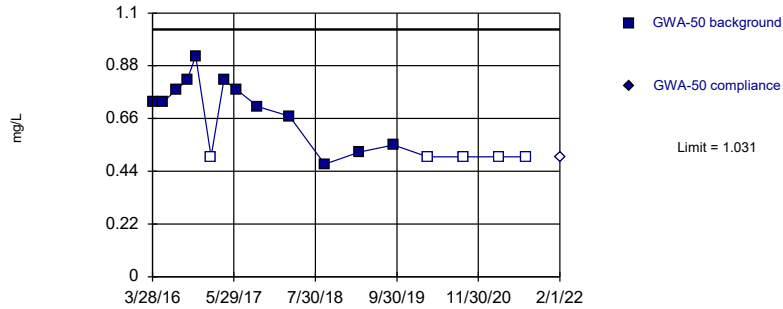


Background Data Summary: Mean=21.14, Std. Dev.=2.813, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9479, critical = 0.858. Kappa = 2.647 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

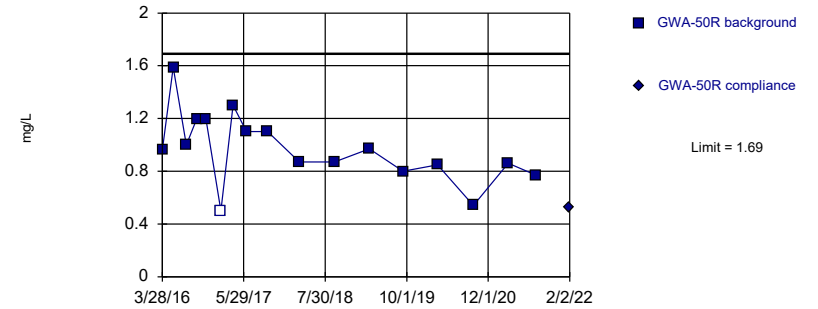


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.6803, Std. Dev.=0.1308, n=17, 29.41% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8712, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

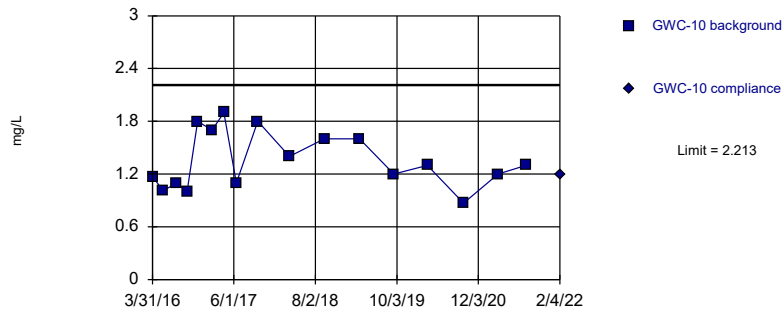


Background Data Summary: Mean=0.9694, Std. Dev.=0.2687, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9667, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

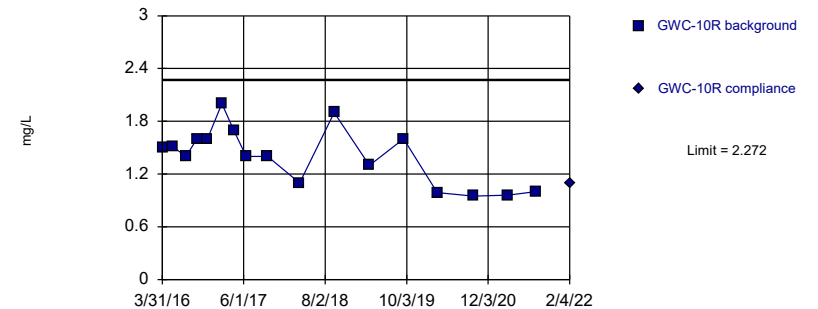


Background Data Summary: Mean=1.356, Std. Dev.=0.3195, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9348, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

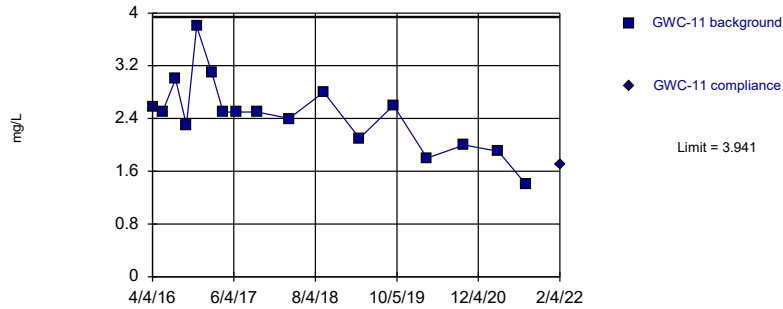


Background Data Summary: Mean=1.406, Std. Dev.=0.3226, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.938, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

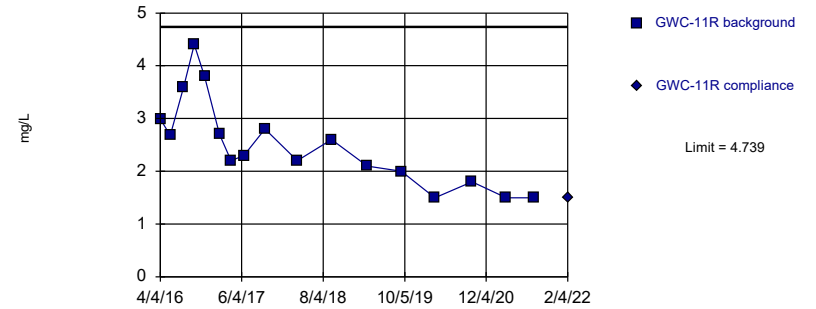


Background Data Summary: Mean=2.457, Std. Dev.=0.553, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9619, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

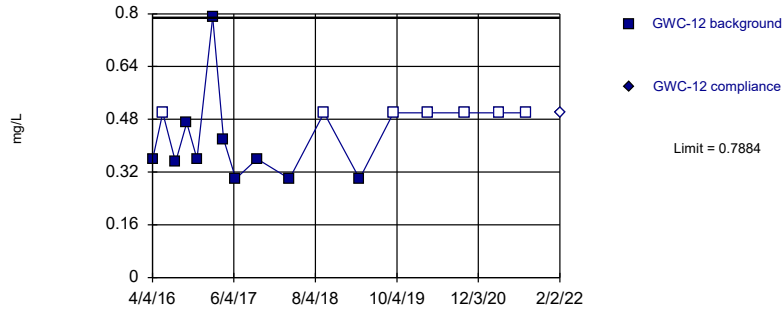


Background Data Summary: Mean=2.51, Std. Dev.=0.8307, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9281, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

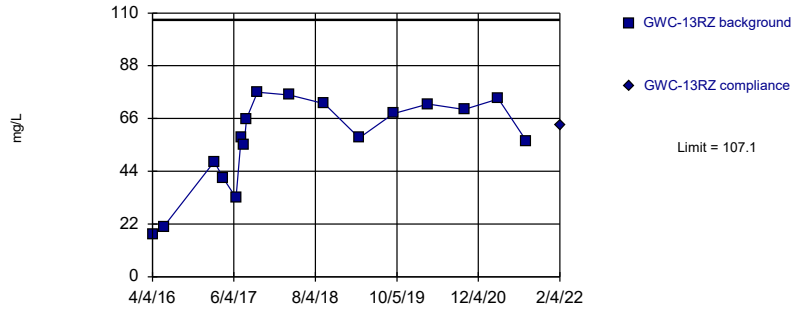
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

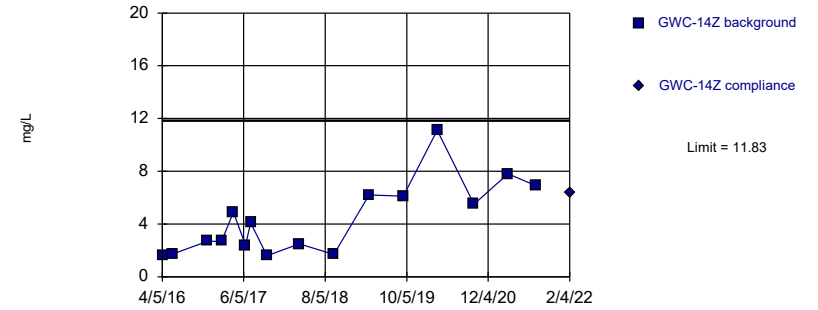


Background Data Summary: Mean=56.66, Std. Dev.=18.8, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8818, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

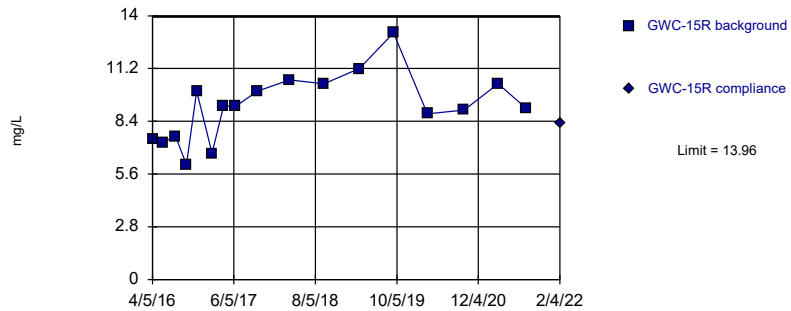


Background Data Summary: Mean=4.35, Std. Dev.=2.75, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8806, critical = 0.844. Kappa = 2.72 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

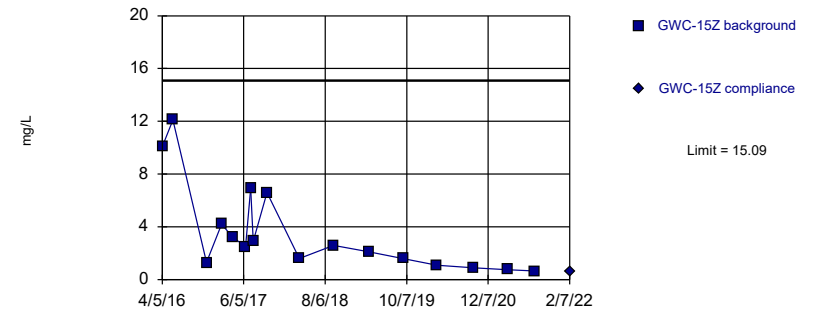


Background Data Summary: Mean=9.185, Std. Dev.=1.78, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9709, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

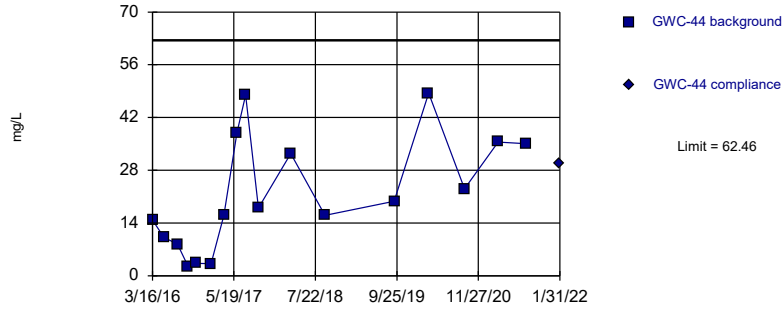


Background Data Summary (based on square root transformation): Mean=1.728, Std. Dev.=0.8034, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8978, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

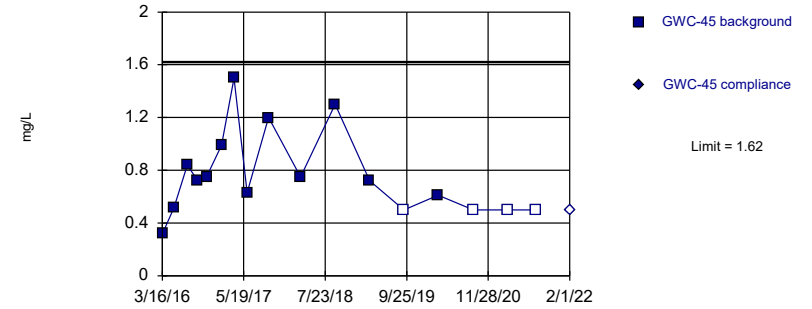


Background Data Summary: Mean=21.93, Std. Dev.=15.1, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

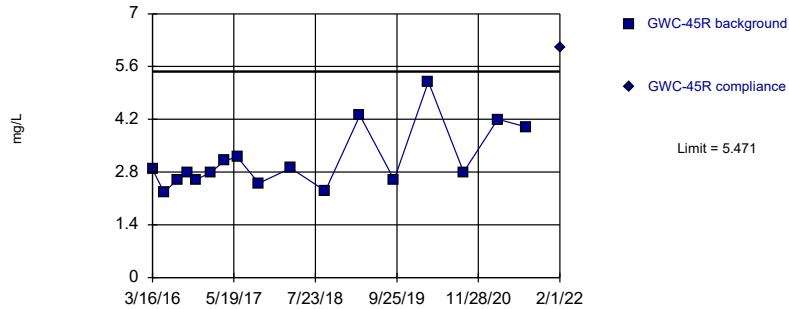


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7658, Std. Dev.=0.3183, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8902, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit

Prediction Limit
Intrawell Parametric

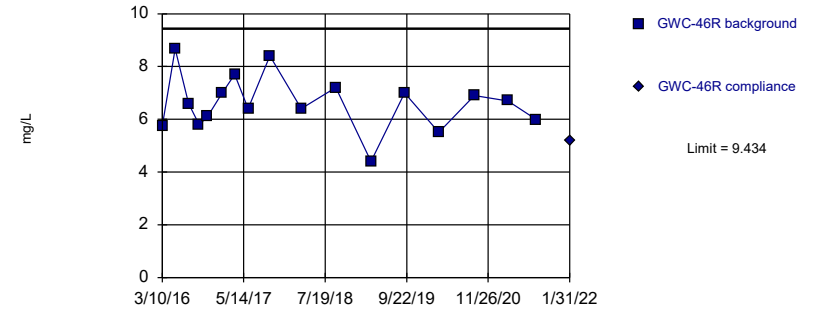


Background Data Summary (based on square root transformation): Mean=1.754, Std. Dev.=0.2182, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8594, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

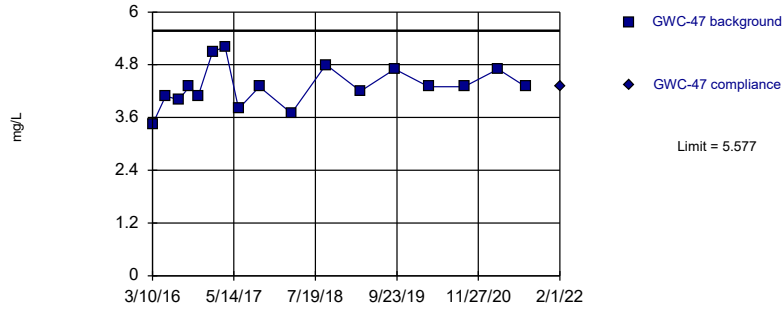


Background Data Summary: Mean=6.619, Std. Dev.=1.049, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9747, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

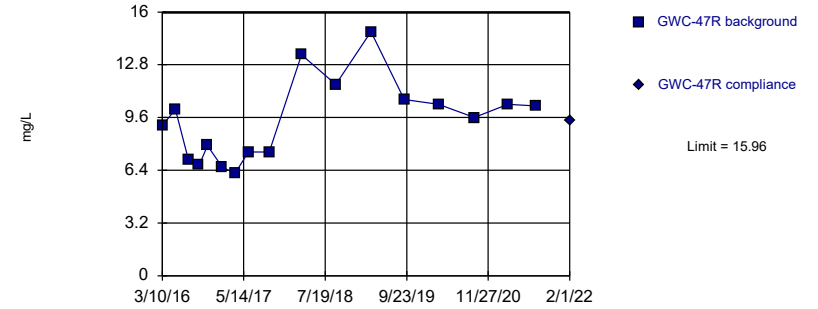


Background Data Summary: Mean=4.314, Std. Dev.=0.471, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9619, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

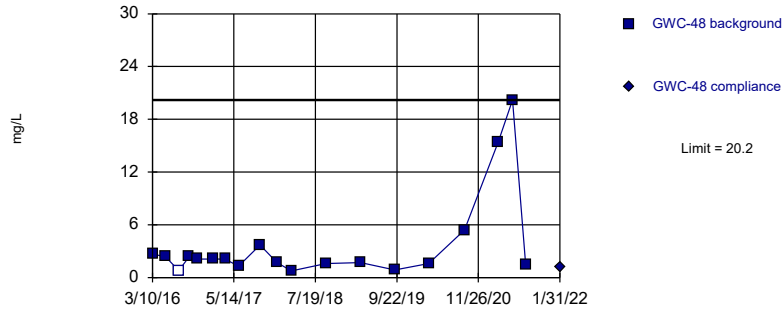


Background Data Summary: Mean=9.402, Std. Dev.=2.446, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9333, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

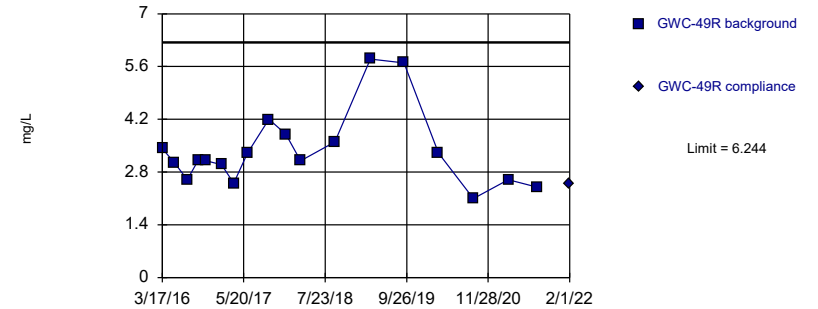


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. 5.263% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

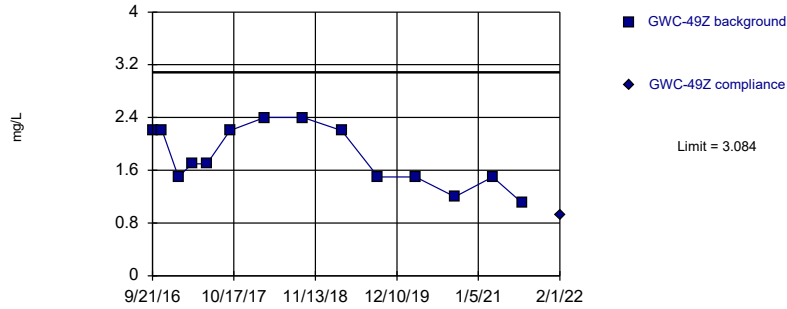


Background Data Summary (based on square root transformation): Mean=1.819, Std. Dev.=0.2569, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8859, critical = 0.858. Kappa = 2.647 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

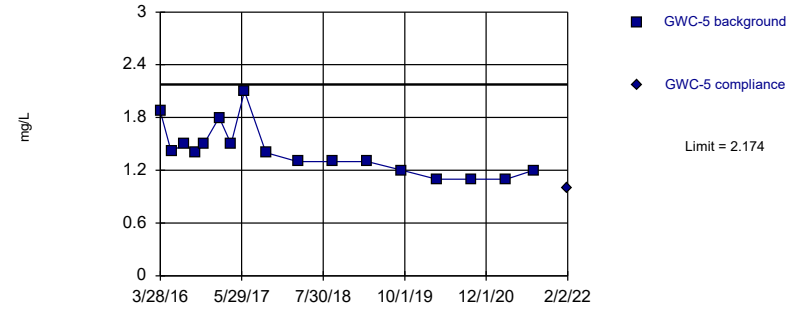


Background Data Summary: Mean=1.807, Std. Dev.=0.4463, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8886, critical = 0.825. Kappa = 2.86 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

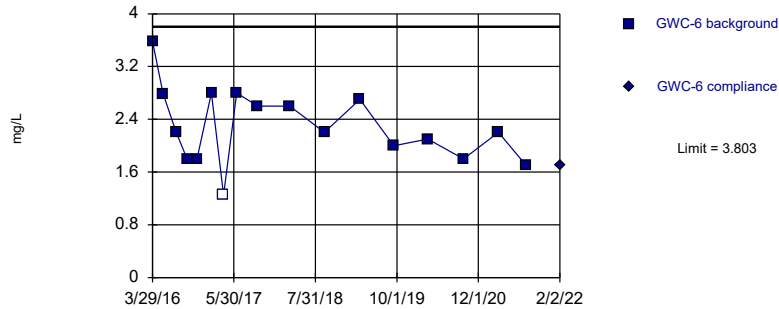


Background Data Summary: Mean=1.416, Std. Dev.=0.2824, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8898, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

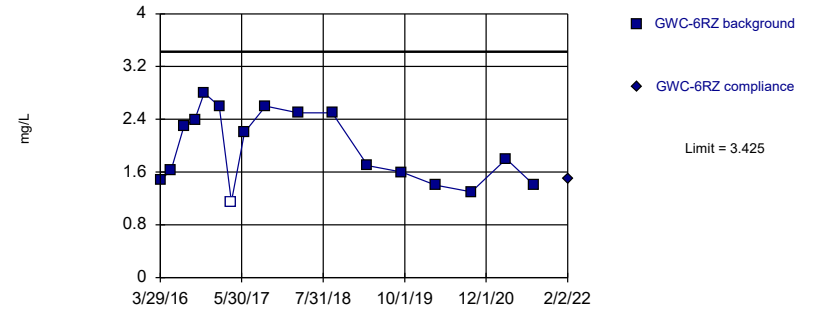


Background Data Summary: Mean=2.289, Std. Dev.=0.564, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

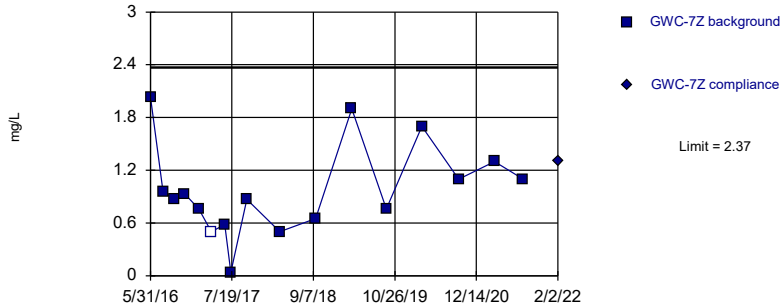


Background Data Summary: Mean=1.962, Std. Dev.=0.5452, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9088, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

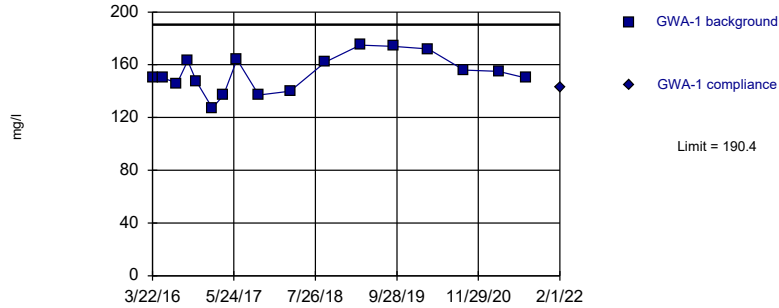
Within Limit

Prediction Limit
 Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

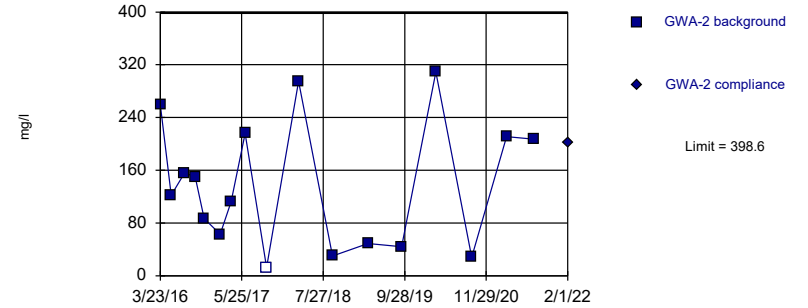


Background Data Summary: Mean=153.2, Std. Dev.=13.85, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9673, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

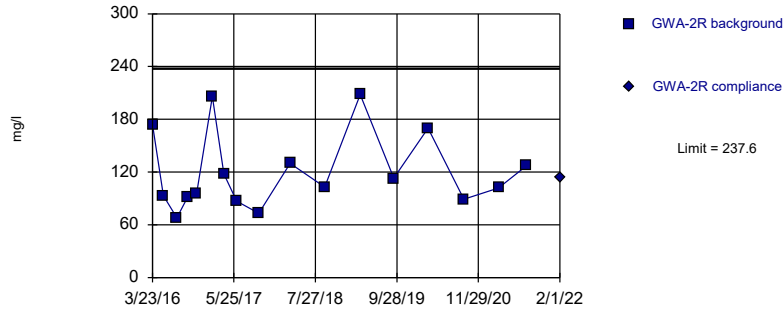


Background Data Summary: Mean=138.3, Std. Dev.=97.02, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

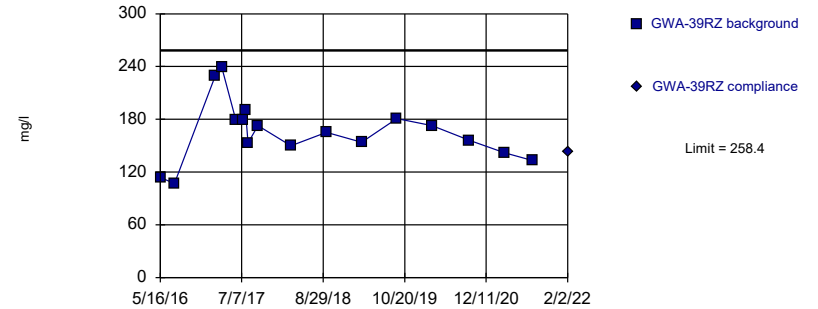


Background Data Summary: Mean=120.5, Std. Dev.=43.64, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8717, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

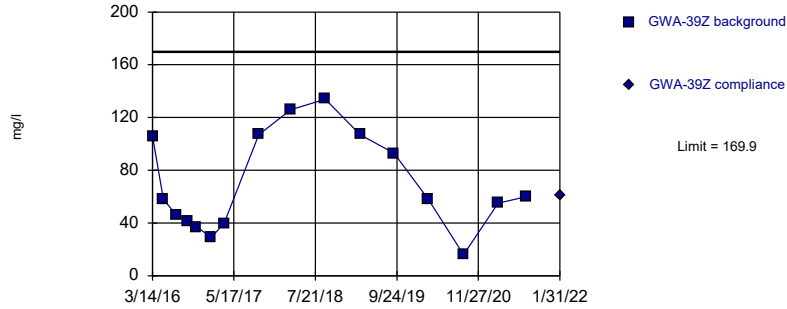


Background Data Summary: Mean=165.8, Std. Dev.=34.53, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9536, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

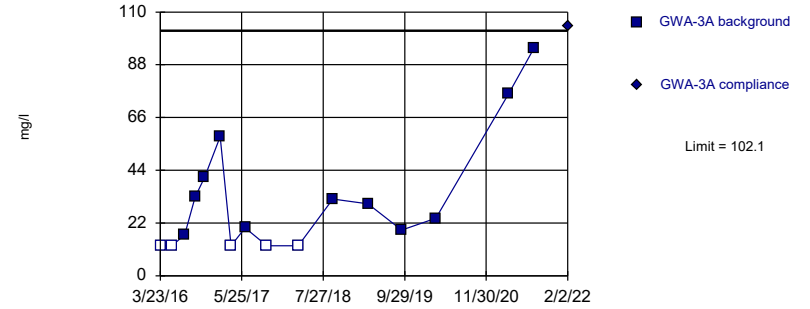


Background Data Summary: Mean=69.56, Std. Dev.=36.89, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.844. Kappa = 2.72 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:40 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit

Prediction Limit
Intrawell Parametric

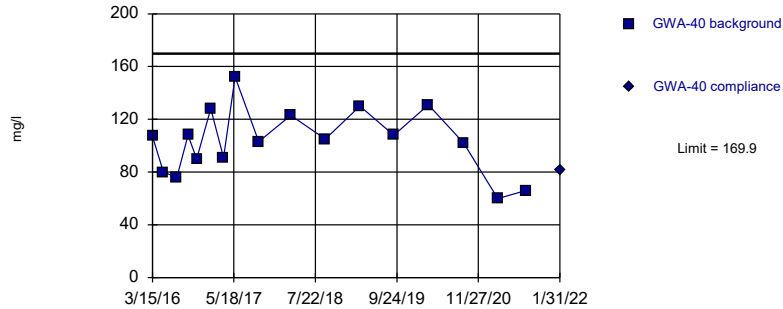


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=5.596, Std. Dev.=1.658, n=16, 31.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8533, critical = 0.844. Kappa = 2.72 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

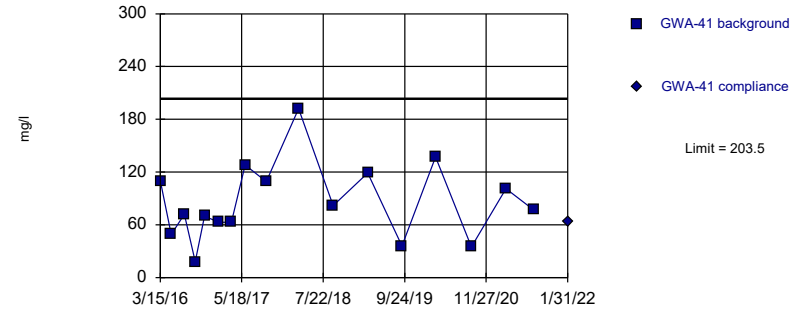


Background Data Summary: Mean=103.5, Std. Dev.=24.74, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9752, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

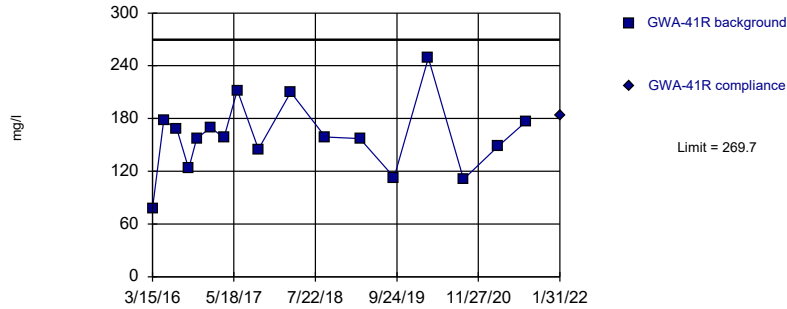


Background Data Summary: Mean=85.94, Std. Dev.=43.82, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

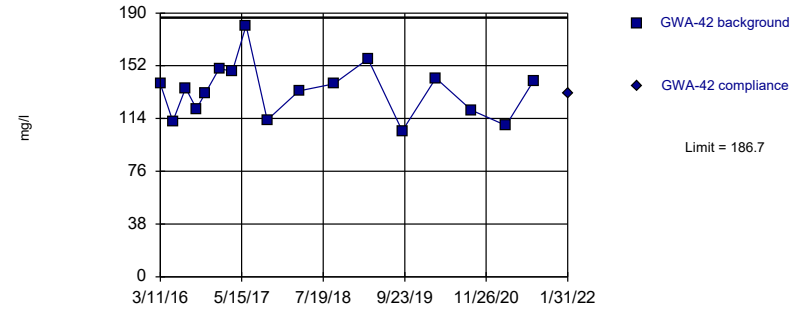


Background Data Summary: Mean=159.5, Std. Dev.=41.05, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9688, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

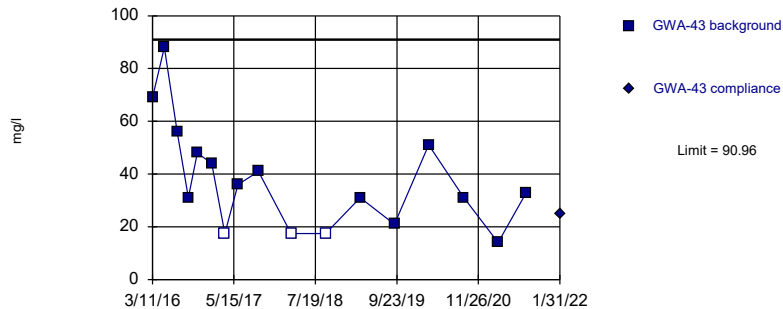


Background Data Summary: Mean=134.1, Std. Dev.=19.58, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9538, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

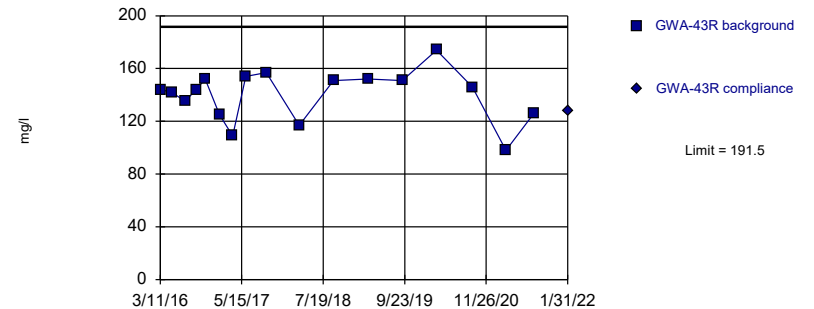


Background Data Summary (after Kaplan-Meier Adjustment): Mean=37.29, Std. Dev.=20, n=17, 17.65% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9148, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

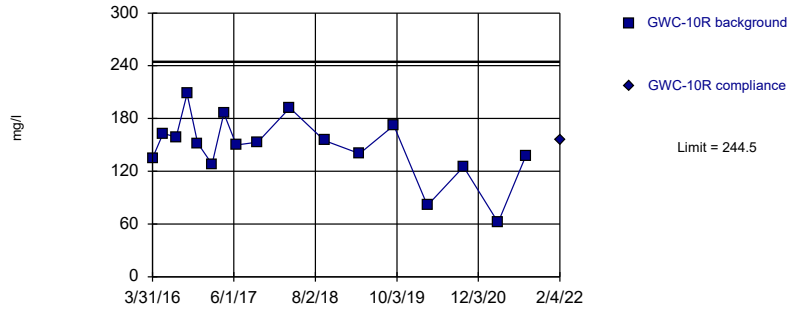


Background Data Summary: Mean=139.8, Std. Dev.=19.27, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9389, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

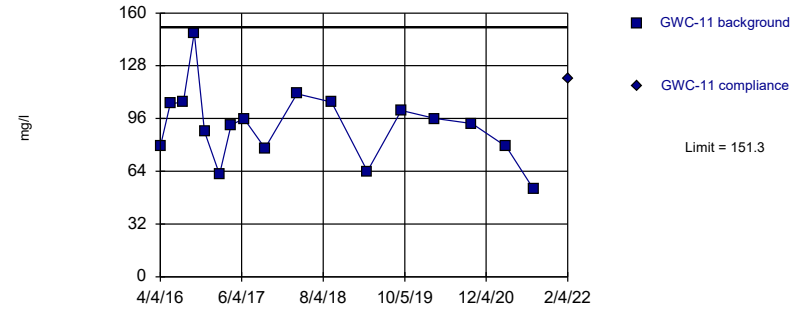


Background Data Summary: Mean=147, Std. Dev.=36.34, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9397, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

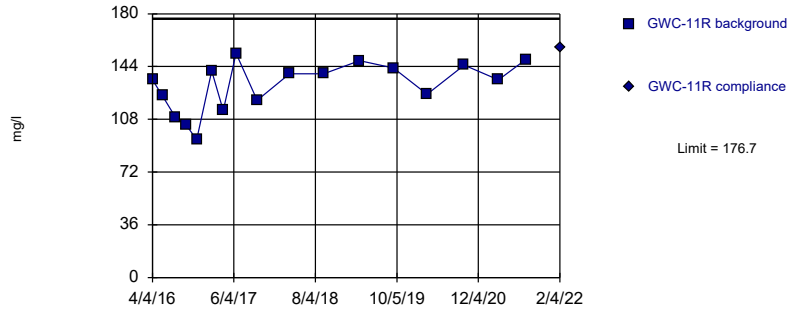


Background Data Summary: Mean=91.59, Std. Dev.=22.25, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9463, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

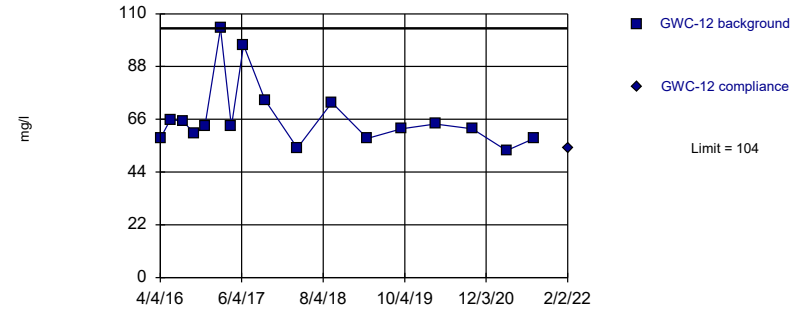


Background Data Summary: Mean=130.5, Std. Dev.=17.23, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Non-parametric

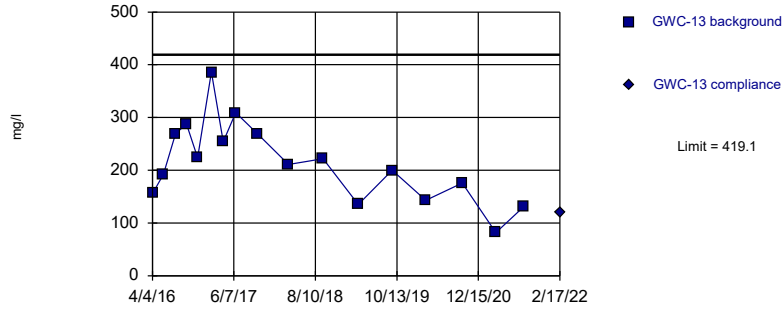


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

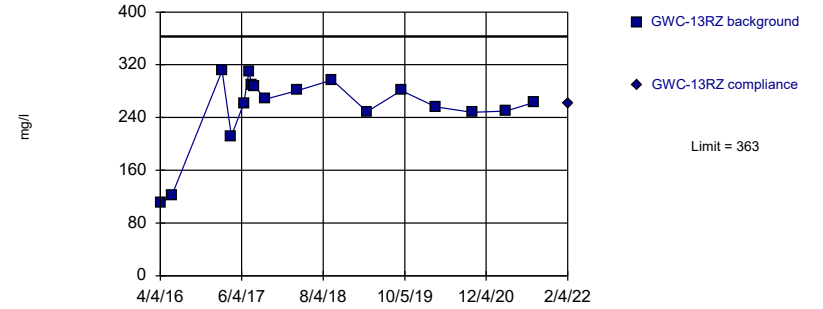


Background Data Summary: Mean=214.5, Std. Dev.=76.23, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.982, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

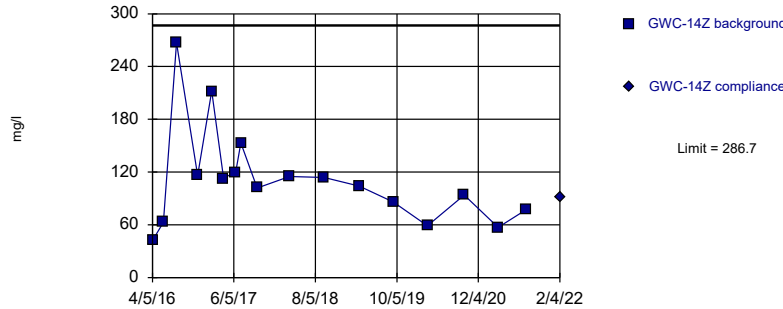


Background Data Summary (based on square transformation): Mean=66958, Std. Dev.=24165, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8702, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

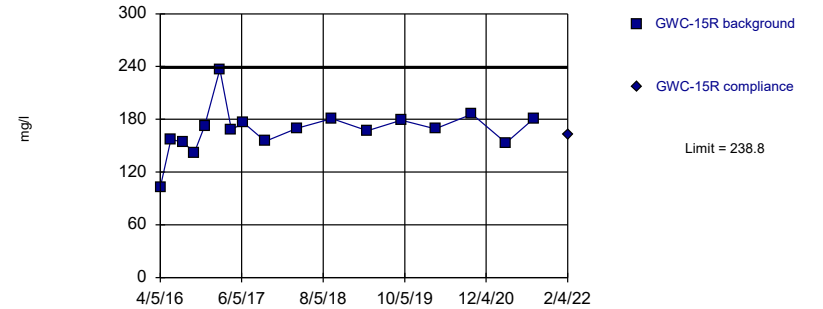


Background Data Summary (based on square root transformation): Mean=10.28, Std. Dev.=2.48, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9249, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

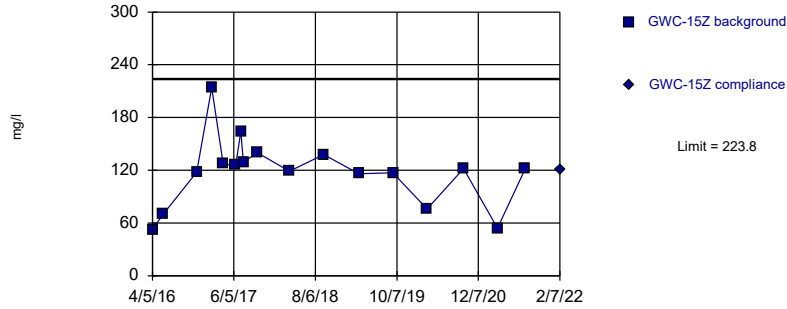


Background Data Summary: Mean=167.6, Std. Dev.=26.5, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8835, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

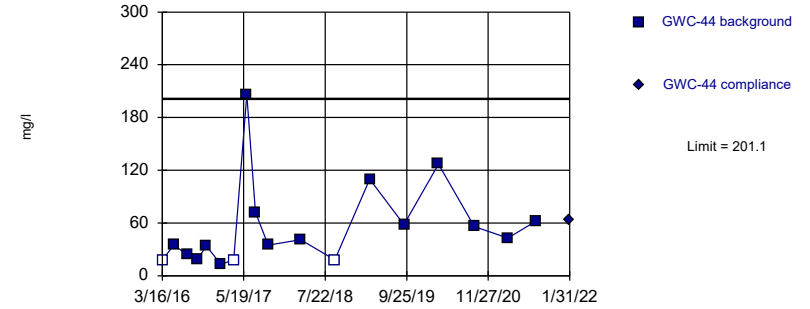


Background Data Summary: Mean=117.9, Std. Dev.=39.46, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9017, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

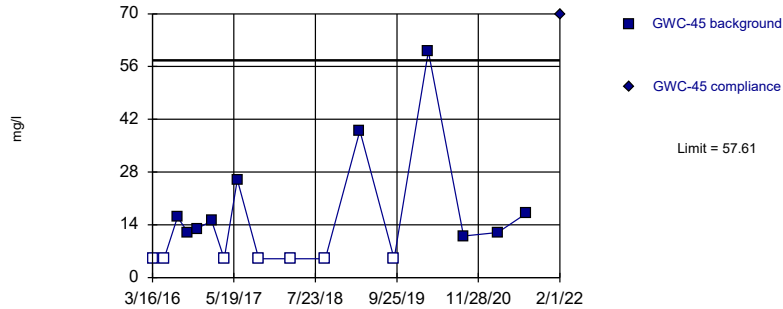


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=6.914, Std. Dev.=2.746, n=18, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8868, critical = 0.858. Kappa = 2.647 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit

Prediction Limit
Intrawell Parametric

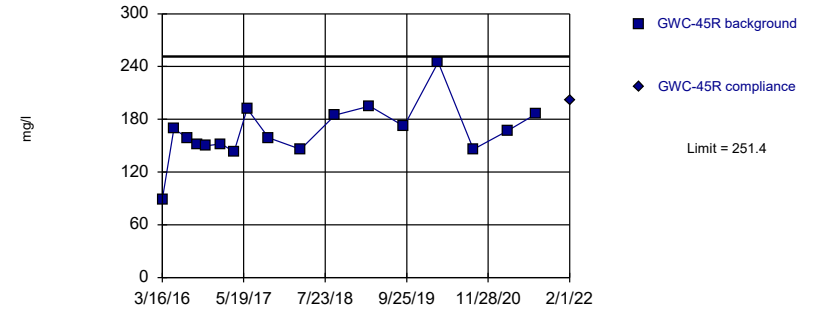


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=2.659, Std. Dev.=0.5196, n=17, 41.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8614, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

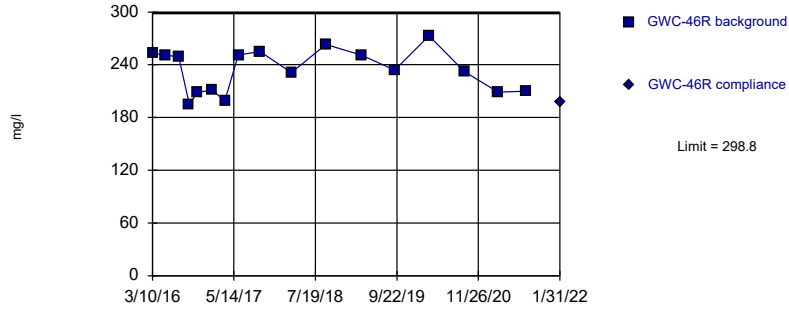


Background Data Summary: Mean=165.1, Std. Dev.=32.17, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9172, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

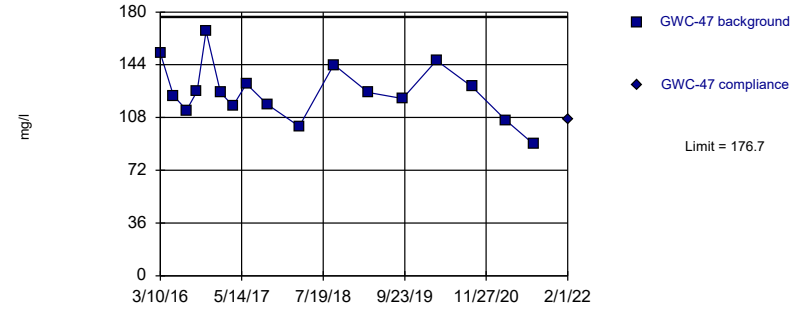


Background Data Summary: Mean=233.9, Std. Dev.=24.2, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9206, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

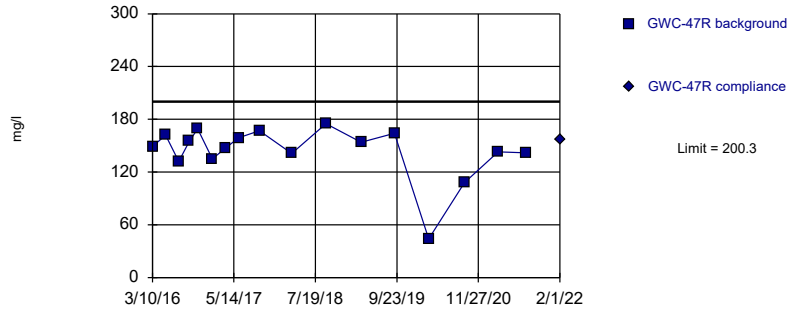


Background Data Summary: Mean=125.5, Std. Dev.=19.06, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9745, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

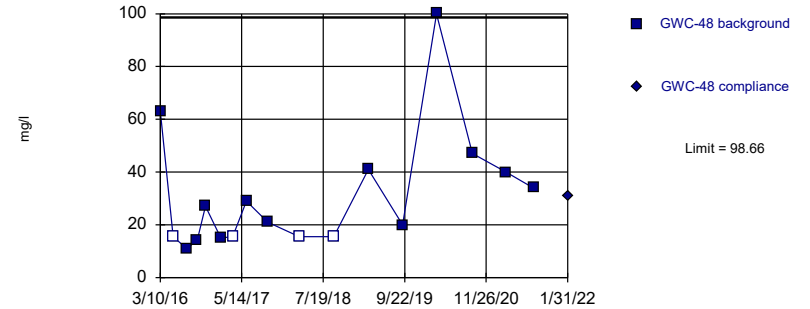


Background Data Summary (based on square transformation): Mean=21576, Std. Dev.=6910, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8875, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

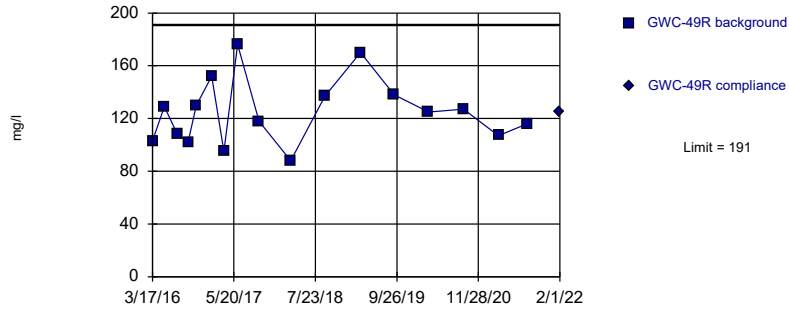


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=5.376, Std. Dev.=1.698, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8653, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

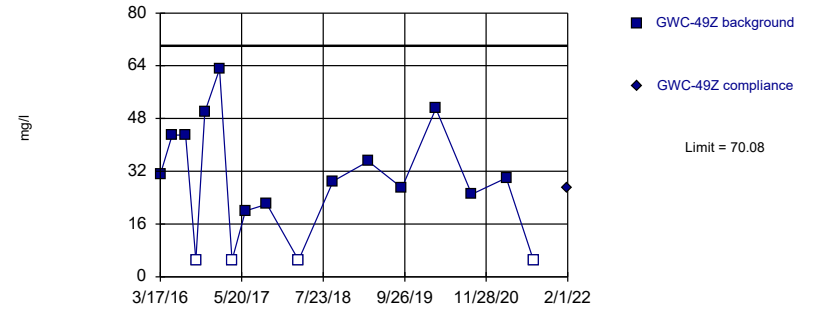


Background Data Summary: Mean=124.8, Std. Dev.=24.67, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

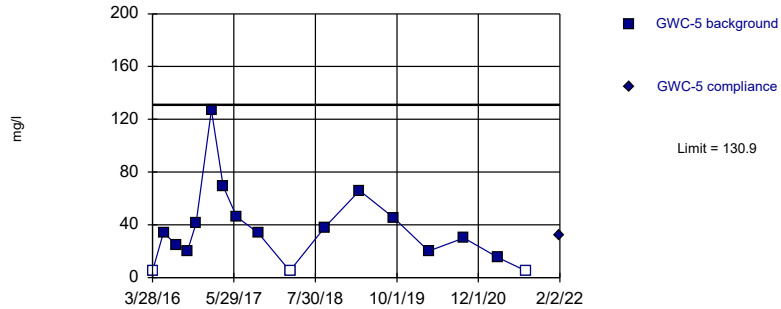


Background Data Summary (after Kaplan-Meier Adjustment): Mean=28.68, Std. Dev.=15.43, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

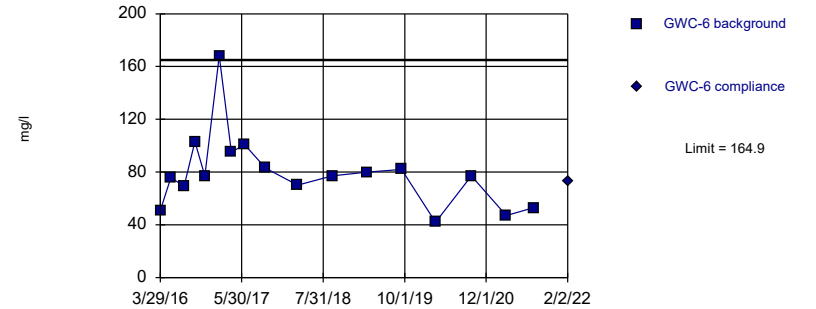


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=5.6, Std. Dev.=2.177, n=17, 17.65% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9471, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Intrawell Parametric

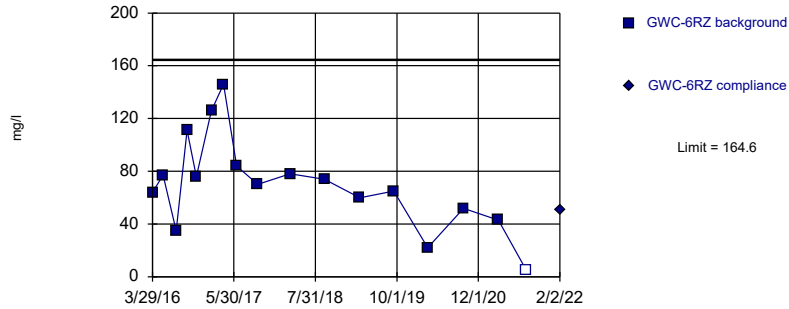


Background Data Summary (based on square root transformation): Mean=8.794, Std. Dev.=1.509, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9048, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

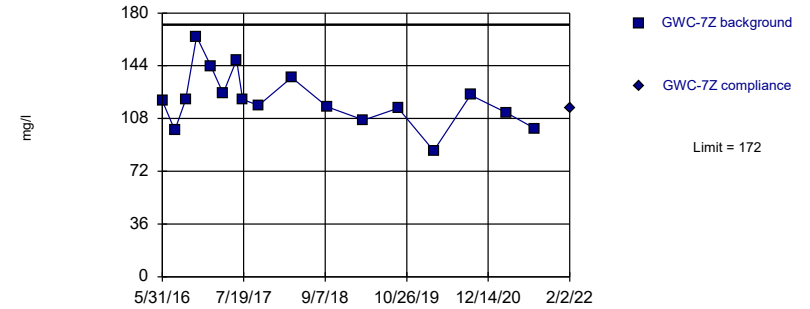


Background Data Summary: Mean=69.88, Std. Dev.=35.29, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.964, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

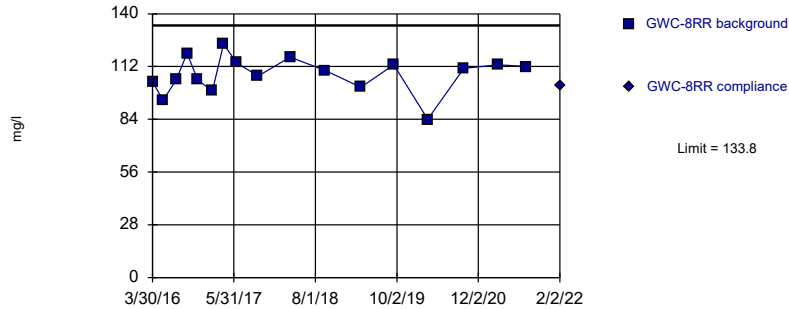


Background Data Summary: Mean=121, Std. Dev.=19, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.964, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

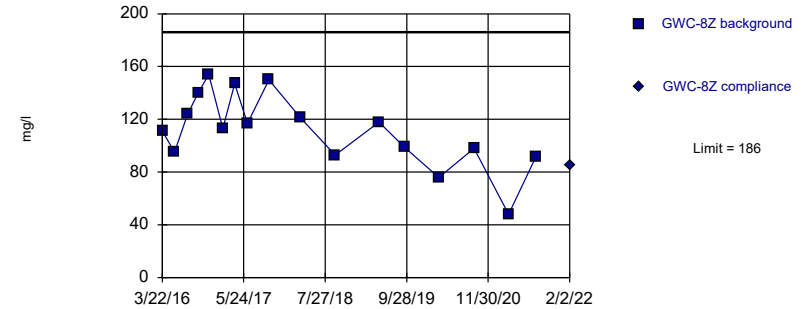


Background Data Summary: Mean=107.8, Std. Dev.=9.712, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
 Intrawell Parametric

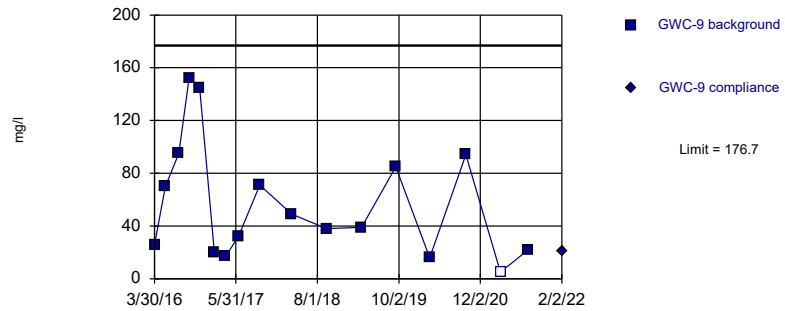


Background Data Summary: Mean=111.5, Std. Dev.=27.74, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.961, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=57.41, Std. Dev.=44.47, n=17, 5.882% NDs. Normality test: Shapiro Wilk
@alpha = 0.01, calculated = 0.8868, critical = 0.851. Kappa = 2.683 (c=7, w=26, 1 of 2, event alpha = 0.05132).
Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:41 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	<0.04	
5/19/2016	<0.04	
7/29/2016	<0.04	
9/23/2016	<0.04	
11/9/2016	<0.04	
1/30/2017	<0.04	
3/30/2017	0.0065 (J)	
6/9/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/17/2018	0.00625 (JD)	
3/20/2019	0.0042 (J)	
9/12/2019	<0.04	
3/11/2020	<0.04	
9/15/2020	0.01 (J)	
3/16/2021	<0.04	
8/9/2021	<0.04	
2/1/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	<0.04	
5/20/2016	<0.04	
7/29/2016	<0.04	
9/23/2016	<0.04	
11/9/2016	<0.04	
1/31/2017	<0.04	
3/30/2017	<0.04	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/19/2018	0.013 (J)	
9/14/2018	<0.04	
3/20/2019	<0.04	
9/12/2019	<0.04 (D)	
3/11/2020	0.0068 (J)	
9/15/2020	0.0053 (J)	
3/17/2021	<0.04	
8/9/2021	<0.04	
2/1/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	<0.04	
5/19/2016	<0.04	
7/29/2016	<0.04	
9/22/2016	<0.04	
11/10/2016	<0.04	
1/31/2017	<0.04	
4/3/2017	<0.04	
6/9/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	0.0077 (J)	
9/14/2018	<0.04	
3/19/2019	0.014 (J)	
9/13/2019	0.012 (J)	
3/11/2020	0.017 (J)	
9/15/2020	0.0074 (J)	
3/16/2021	0.0061 (J)	
8/9/2021	0.012 (J)	
2/1/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.04 (D)	
7/27/2016	<0.04 (*)	
2/21/2017	0.0218 (JD)	
3/27/2017	0.0262 (JD)	
6/8/2017	0.0067 (JD)	
7/17/2017	0.0165 (JD)	
7/27/2017	0.0138 (JD)	
8/9/2017	0.0069 (JD)	
9/29/2017	0.0066 (JD)	
3/16/2018	0.0067 (J)	
9/14/2018	0.0059 (J)	
3/14/2019	0.0059 (X)	
9/10/2019	0.0081 (X)	
3/9/2020	0.0065 (J)	
9/16/2020	0.015 (J)	
3/16/2021	<0.04	
8/6/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.04	
5/11/2016	<0.04	
7/19/2016	<0.04 (*)	
9/15/2016	0.0067 (J)	
11/2/2016	<0.04	
1/18/2017	<0.04	
3/28/2017	<0.04	
6/7/2017	<0.04 (*)	
9/26/2017	<0.04	
3/14/2018	<0.04	
9/12/2018	<0.04	
3/15/2019	0.005 (X)	
9/9/2019	<0.04	
3/9/2020	<0.04	
9/10/2020	<0.04	
3/12/2021	0.011 (J)	
8/4/2021	<0.04	
1/31/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<0.04	
5/23/2016	<0.04	
7/29/2016	<0.04	
9/22/2016	<0.04	
11/10/2016	<0.04	
1/31/2017	<0.04	
3/30/2017	<0.04	
6/12/2017	<0.04	
10/4/2017	<0.04	
3/19/2018	0.0057 (J)	
9/17/2018	<0.04	
3/20/2019	<0.04	
9/13/2019	<0.04	
3/11/2020	0.0071 (J)	
3/29/2021	<0.04	
8/9/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.04	
5/11/2016	<0.04	
7/21/2016	<0.04	
9/15/2016	<0.04	
11/3/2016	<0.04 (*)	
1/17/2017	<0.04	
3/24/2017	<0.04	
5/24/2017	<0.04	
9/26/2017	0.0075 (J)	
3/14/2018	0.0093 (J)	
9/12/2018	<0.04	
3/13/2019	<0.04	
9/9/2019	<0.04	
3/9/2020	0.0074 (J)	
9/11/2020	<0.04	
3/10/2021	<0.04	
8/4/2021	<0.04	
1/31/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.04	
5/12/2016	<0.04	
7/20/2016	<0.04	
9/15/2016	<0.04	
11/3/2016	<0.04	
1/18/2017	<0.04	
3/24/2017	0.0154 (J)	
6/6/2017	<0.04	
9/25/2017	<0.04	
3/14/2018	0.011 (J)	
9/12/2018	<0.04	
3/14/2019	0.007 (X)	
9/10/2019	<0.04	
3/6/2020	0.013 (J)	
9/10/2020	<0.04	
3/11/2021	0.0075 (J)	
8/4/2021	<0.04	
1/31/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.04	
5/13/2016	<0.04	
7/21/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/3/2016	<0.04	
1/17/2017	<0.04	
3/27/2017	0.0173 (J)	
6/6/2017	<0.04 (*)	
9/25/2017	0.0141 (J)	
3/14/2018	0.014 (J)	
9/12/2018	0.013 (J)	
3/14/2019	0.015 (X)	
9/10/2019	0.015 (X)	
3/9/2020	0.021 (J)	
9/10/2020	0.016 (J)	
3/10/2021	0.0098 (J)	
8/4/2021	0.01 (J)	
1/31/2022		0.016 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.04	
5/16/2016	<0.04	
7/22/2016	0.0076 (J)	
9/19/2016	<0.04	
11/3/2016	<0.04	
1/17/2017	<0.04	
3/27/2017	0.0101 (J)	
6/7/2017	<0.04 (*)	
9/26/2017	<0.04	
3/14/2018	<0.04	
9/14/2018	<0.04	
3/14/2019	<0.04	
9/10/2019	<0.04	
3/6/2020	0.0068 (J)	
9/10/2020	<0.04	
3/11/2021	<0.04	
8/4/2021	<0.04	
1/31/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.04	
5/13/2016	<0.04	
7/19/2016	<0.04 (*)	
9/16/2016	<0.04	
11/2/2016	<0.04	
1/18/2017	<0.04	
3/28/2017	<0.04	
6/6/2017	<0.04 (*)	
9/22/2017	<0.04	
3/14/2018	<0.04	
9/12/2018	<0.04	
3/13/2019	<0.04	
9/11/2019	0.0059 (X)	
3/9/2020	<0.04	
9/11/2020	<0.04	
3/11/2021	<0.04	
8/6/2021	<0.04	
1/31/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.04	
5/13/2016	<0.04	
7/19/2016	<0.04 (*)	
9/16/2016	0.0246 (J)	
11/2/2016	0.0279 (J)	
1/18/2017	0.0336 (J)	
3/28/2017	0.0313 (J)	
6/6/2017	<0.04 (*)	
9/22/2017	0.0294 (J)	
3/15/2018	0.018 (J)	
9/12/2018	0.018 (J)	
3/13/2019	0.012 (X)	
9/11/2019	0.021 (X)	
3/9/2020	0.017 (J)	
9/14/2020	0.018 (J)	
3/11/2021	0.017 (J)	
8/5/2021	0.0098 (J)	
1/31/2022		0.011 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.022 (JD)	
4/7/2017	0.0082 (JD)	
6/14/2017	0.008 (JD)	
7/12/2017	0.0082 (JD)	
7/20/2017	0.0091 (JD)	
7/28/2017	<0.04 (D)	
8/9/2017	0.0071 (JD)	
8/24/2017	0.0062 (JD)	
10/3/2017	0.006 (JD)	
3/21/2018	0.0062 (J)	
9/18/2018	0.0096 (J)	
3/21/2019	0.0066 (JD)	
9/12/2019	0.012 (JD)	
3/12/2020	0.014 (J)	
9/17/2020	0.015 (J)	
3/16/2021	0.0092 (J)	
8/10/2021	0.01 (J)	
2/3/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	<0.04	
5/23/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/10/2016	<0.04	
1/30/2017	<0.04	
4/7/2017	0.008 (J)	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/17/2018	<0.04	
3/19/2019	<0.04	
9/13/2019	<0.04	
3/11/2020	0.0063 (J)	
9/16/2020	<0.04	
3/17/2021	<0.04	
8/9/2021	<0.04	
2/1/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	<0.04	
5/25/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/11/2016	0.0193 (J)	
1/30/2017	<0.04	
4/3/2017	<0.04	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/18/2018	<0.04	
3/19/2019	<0.04	
9/12/2019	<0.04	
3/11/2020	0.007 (J)	
9/15/2020	<0.04	
3/17/2021	<0.04	
8/9/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	<0.04	
5/26/2016	<0.04	
8/5/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	<0.04	
2/7/2017	<0.04	
4/10/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/20/2018	0.004 (J)	
9/18/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/12/2020	<0.04	
9/17/2020	<0.04	
3/18/2021	<0.04	
8/10/2021	<0.04	
2/4/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	<0.04	
5/26/2016	<0.04	
8/3/2016	<0.04	
9/28/2016	0.0169 (J)	
11/22/2016	0.0067 (J)	
2/7/2017	<0.04	
4/10/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/12/2020	0.005 (J)	
9/17/2020	<0.04	
3/18/2021	<0.04	
8/11/2021	<0.04	
2/4/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	<0.04	
5/26/2016	<0.04	
8/3/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	<0.04	
2/8/2017	0.0085 (J)	
4/10/2017	<0.04	
6/15/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/23/2019	<0.04	
9/17/2019	<0.04	
3/12/2020	<0.04	
9/21/2020	<0.04	
3/19/2021	<0.04	
8/11/2021	<0.04	
2/4/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	<0.04	
5/26/2016	<0.04	
8/4/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	0.0072 (J)	
2/8/2017	0.0069 (J)	
4/10/2017	<0.04	
6/15/2017	<0.04	
10/4/2017	0.0065 (J)	
3/22/2018	<0.04	
9/18/2018	<0.04	
3/23/2019	<0.04	
9/17/2019	<0.04	
3/12/2020	0.0058 (J)	
9/21/2020	<0.04	
3/19/2021	<0.04	
8/11/2021	<0.04	
2/4/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	<0.04	
5/27/2016	<0.04	
8/3/2016	<0.04	
9/30/2016	<0.04	
11/22/2016	<0.04	
2/13/2017	<0.04	
4/11/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/22/2018	<0.04	
9/18/2018	<0.04	
3/23/2019	<0.04	
9/17/2019	<0.04 (D)	
3/12/2020	<0.04	
9/21/2020	<0.04	
3/19/2021	<0.04	
8/11/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	<0.04	
5/31/2016	<0.04	
8/4/2016	<0.04	
9/29/2016	0.0192 (J)	
11/28/2016	0.0124 (J)	
2/9/2017	0.0157 (J)	
4/12/2017	0.0183 (J)	
6/16/2017	0.0269 (J)	
10/9/2017	0.0383 (J)	
3/21/2018	0.021 (J)	
9/19/2018	0.026 (J)	
3/23/2019	0.012 (J)	
9/18/2019	0.017 (J)	
3/13/2020	0.014 (J)	
9/22/2020	0.0087 (J)	
3/18/2021	0.0091 (J)	
8/11/2021	<0.04	
2/17/2022		0.015 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	<0.04	
6/1/2016	<0.04	
2/22/2017	0.02 (J)	
4/11/2017	<0.04	
6/16/2017	0.0163 (J)	
7/12/2017	0.0117 (J)	
7/28/2017	0.0071 (J)	
8/10/2017	0.0093 (J)	
10/6/2017	0.0148 (J)	
3/23/2018	0.017 (J)	
9/20/2018	0.016 (J)	
3/22/2019	0.013 (J)	
9/18/2019	0.014 (X)	
3/17/2020	0.017 (J)	
9/22/2020	0.01 (J)	
3/19/2021	0.014 (J)	
8/12/2021	0.014 (J)	
2/4/2022		0.017 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	<0.04	
6/1/2016	<0.04	
8/9/2016	0.0996 (O)	
11/28/2016	0.0072 (J)	
2/9/2017	<0.04	
4/11/2017	<0.04	
6/14/2017	<0.04	
7/12/2017	<0.04	
10/5/2017	0.0068 (J)	
3/22/2018	<0.04	
9/19/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/13/2020	0.0081 (J)	
9/21/2020	<0.04	
3/18/2021	<0.04	
8/11/2021	<0.04	
2/4/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	<0.04	
5/31/2016	<0.04	
8/4/2016	<0.04	
9/29/2016	0.0106 (J)	
11/23/2016	0.0099 (J)	
2/10/2017	<0.04	
4/12/2017	0.009 (J)	
6/15/2017	<0.04	
10/6/2017	<0.04	
3/23/2018	0.0053 (J)	
9/19/2018	0.0049 (J)	
3/25/2019	<0.04	
9/17/2019	<0.04	
3/13/2020	0.0064 (J)	
9/21/2020	0.0075 (J)	
3/18/2021	<0.04	
8/11/2021	<0.04	
2/4/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	<0.04	
5/31/2016	<0.04	
11/23/2016	0.0076 (J)	
2/10/2017	<0.04	
4/11/2017	<0.04	
6/15/2017	<0.04	
7/12/2017	<0.04	
7/26/2017	<0.04	
10/6/2017	0.0071 (J)	
3/23/2018	0.0092 (J)	
9/19/2018	0.0046 (J)	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/13/2020	0.0054 (J)	
9/21/2020	<0.04	
3/18/2021	<0.04	
8/11/2021	<0.04	
2/7/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.04	
5/16/2016	<0.04	
7/25/2016	<0.04	
9/19/2016	<0.04	
11/3/2016	<0.04	
1/19/2017	<0.04	
3/28/2017	0.0113 (J)	
6/5/2017	<0.04 (*)	
9/26/2017	0.0084 (J)	
3/15/2018	0.014 (J)	
9/12/2018	0.0051 (J)	
3/14/2019	0.018 (X)	
9/11/2019	0.0088 (X)	
3/10/2020	0.019 (J)	
9/15/2020	0.0089 (J)	
3/11/2021	0.016 (J)	
8/4/2021	0.016 (J)	
1/31/2022		0.015 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.04 (D)	
5/16/2016	<0.04 (D)	
7/25/2016	<0.04 (D)	
9/19/2016	<0.04 (D)	
11/4/2016	<0.04 (D)	
1/23/2017	0.0086 (JD)	
3/29/2017	<0.04 (D)	
6/7/2017	<0.04 (*)	
9/27/2017	<0.04	
3/15/2018	0.0077 (J)	
9/13/2018	<0.04	
3/14/2019	<0.04 (D)	
9/11/2019	<0.04 (D)	
3/10/2020	<0.04	
9/11/2020	<0.04	
3/11/2021	<0.04	
8/6/2021	<0.04	
2/1/2022		0.019 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.04 (D)	
5/16/2016	<0.04 (D)	
7/25/2016	0.0054 (JD)	
9/19/2016	<0.04 (D)	
11/3/2016	<0.04 (D)	
1/20/2017	<0.04 (D)	
3/29/2017	<0.04 (D)	
6/7/2017	<0.04 (*)	
9/27/2017	<0.04	
3/15/2018	0.0063 (J)	
9/13/2018	<0.04	
3/14/2019	0.006 (D)	
9/11/2019	<0.04 (D)	
3/10/2020	0.009 (J)	
9/11/2020	0.0056 (J)	
3/11/2021	0.006 (J)	
8/6/2021	<0.04	
2/1/2022		0.022 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.04	
5/17/2016	<0.04	
7/26/2016	0.0047 (J)	
9/20/2016	0.0254 (J)	
11/4/2016	<0.04	
1/20/2017	<0.04	
3/28/2017	<0.04	
6/7/2017	<0.04 (*)	
9/29/2017	<0.04	
3/15/2018	0.0042 (J)	
9/13/2018	<0.04	
3/18/2019	0.022 (X)	
9/11/2019	<0.04	
3/10/2020	<0.04	
9/14/2020	<0.04	
3/11/2021	<0.04	
8/5/2021	<0.04	
1/31/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04 (*)	
9/20/2016	0.0133 (J)	
11/7/2016	0.0079 (J)	
1/23/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/27/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/15/2019	<0.04	
9/12/2019	<0.04	
3/9/2020	<0.04	
9/14/2020	<0.04	
3/11/2021	<0.04	
8/5/2021	<0.04	
2/1/2022		0.011 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04	
9/20/2016	0.0109 (J)	
11/4/2016	<0.04	
1/20/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/27/2017	<0.04	
3/16/2018	<0.04	
9/13/2018	<0.04	
3/19/2019	<0.04	
9/11/2019	0.0054 (X)	
3/9/2020	0.0051 (J)	
9/15/2020	<0.04	
3/11/2021	<0.04	
8/5/2021	<0.04	
2/1/2022		0.01 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.04	
5/17/2016	<0.04	
7/27/2016	<0.04 (*)	
9/20/2016	0.0078 (J)	
11/4/2016	<0.04	
1/23/2017	<0.04	
3/28/2017	<0.04	
6/8/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/15/2019	<0.04	
9/11/2019	<0.04	
3/9/2020	<0.04	
9/14/2020	<0.04	
3/11/2021	<0.04	
8/4/2021	<0.04	
1/31/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/4/2016	<0.04	
1/24/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/18/2019	0.0099 (X)	
9/11/2019	<0.04	
3/11/2020	<0.04	
9/11/2020	0.0057 (J)	
3/15/2021	0.01 (J)	
8/11/2021	<0.04	
2/1/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.04	
5/18/2016	<0.04	
7/28/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/7/2016	0.0138 (J)	
1/24/2017	<0.04	
3/30/2017	0.0077 (J)	
6/9/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	0.0052 (J)	
9/14/2018	<0.04	
3/19/2019	0.0043 (X)	
9/11/2019	<0.04	
3/9/2020	0.0055 (J)	
9/14/2020	<0.04	
3/15/2021	0.0066 (J)	
8/5/2021	<0.04	
2/1/2022		0.0087 (J)

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	<0.04	
5/25/2016	<0.04	
8/1/2016	<0.04	
9/27/2016	<0.04	
11/11/2016	0.0083 (J)	
1/31/2017	<0.04	
4/3/2017	<0.04	
6/12/2017	<0.04	
10/3/2017	<0.04	
3/19/2018	0.0041 (J)	
9/17/2018	<0.04	
3/20/2019	<0.04	
9/16/2019	0.0051 (J)	
3/16/2020	<0.04	
9/16/2020	<0.04	
3/17/2021	<0.04	
8/9/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	<0.04	
5/24/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/18/2016	<0.04	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/19/2018	<0.04	
9/17/2018	<0.04	
3/21/2019	<0.04	
9/16/2019	<0.04	
3/12/2020	0.0061 (J)	
9/16/2020	<0.04	
3/17/2021	<0.04	
8/10/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	<0.04	
5/24/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/14/2016	<0.04	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	0.0073 (J)	
9/17/2018	0.0046 (J)	
3/21/2019	<0.04	
9/16/2019	<0.04	
3/12/2020	0.0052 (J)	
9/16/2020	<0.04	
3/17/2021	<0.04	
8/10/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.04	
8/2/2016	<0.04	
9/27/2016	0.0073 (J)	
11/21/2016	0.008 (J)	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
7/14/2017	0.007 (J)	
10/3/2017	<0.04	
3/20/2018	0.0064 (J)	
9/18/2018	0.0045 (J)	
3/21/2019	<0.04	
9/13/2019	0.0065 (J)	
3/12/2020	0.0057 (J)	
9/16/2020	0.0052 (J)	
3/17/2021	<0.04	
8/10/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	<0.04	
5/24/2016	<0.04	
8/2/2016	<0.04	
9/27/2016	<0.04	
11/22/2016	0.0115 (J)	
2/6/2017	<0.04	
4/6/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/27/2019	0.0078 (J)	
9/16/2019	<0.04 (D)	
3/12/2020	<0.04	
9/17/2020	<0.04	
3/17/2021	<0.04	
8/10/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	<0.04	
5/25/2016	<0.04	
8/2/2016	<0.04	
9/26/2016	<0.04	
11/21/2016	<0.04	
2/3/2017	<0.04	
4/7/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	<0.04	
9/18/2018	<0.04	
5/6/2019	0.0065 (J)	
9/16/2019	<0.04	
3/16/2020	<0.04	
9/17/2020	<0.04	
3/18/2021	<0.04	
8/10/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	<0.04	
5/26/2016	<0.04	
8/5/2016	<0.04	
9/28/2016	<0.04	
11/21/2016	<0.04	
2/6/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	0.0096 (J)	
9/18/2018	<0.04 (D)	
3/21/2019	0.006 (J)	
9/16/2019	<0.04	
3/12/2020	0.0058 (J)	
9/17/2020	<0.04	
3/18/2021	<0.04	
8/10/2021	<0.04	
2/2/2022		<0.04

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	32.6	
5/19/2016	33.4	
7/29/2016	26	
9/23/2016	28.8	
11/9/2016	27.9	
1/30/2017	29.2	
3/30/2017	30	
6/9/2017	30.9	
10/2/2017	31.5	
3/16/2018	28.5	
9/17/2018	30.8	
3/20/2019	30.1	
9/12/2019	31.9	
3/11/2020	31.8	
9/15/2020	30.8	
3/16/2021	34.6	
8/9/2021	32	
2/1/2022		34.1

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	54.1	
5/20/2016	23.9	
7/29/2016	25.3	
9/23/2016	26.6	
11/9/2016	16.1	
1/31/2017	5.68	
3/30/2017	25.2	
6/12/2017	34.2	
10/2/2017	1.69	
3/19/2018	63	
9/14/2018	2.4	
3/20/2019	4.3	
9/12/2019	1.8	
3/11/2020	66.6	
9/15/2020	18.4	
3/17/2021	40.4	
8/9/2021	41	
2/1/2022		48

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	46.5	
5/19/2016	24.6	
7/29/2016	14.9	
9/22/2016	15	
11/10/2016	12.6	
1/31/2017	16.5	
4/3/2017	16.6	
6/9/2017	17.8	
10/2/2017	20.6	
3/16/2018	33	
9/14/2018	22.8 (J)	
3/19/2019	59.2	
9/13/2019	27	
3/11/2020	46.8	
9/15/2020	21.4	
3/16/2021	26.7	
8/9/2021	31.5	
2/1/2022		34.1

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	27.8 (D)	
7/27/2016	21.2 (D)	
2/21/2017	31.7 (D)	
3/27/2017	31.9 (D)	
6/8/2017	35 (D)	
7/17/2017	35.9 (D)	
7/27/2017	34.9 (D)	
8/9/2017	33.7 (D)	
9/29/2017	33.4 (D)	
3/16/2018	32.6	
9/14/2018	29.2	
3/14/2019	33	
9/10/2019	33.8	
3/9/2020	35.6	
9/16/2020	34.9	
3/16/2021	32.4	
8/6/2021	33	
2/2/2022		32.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	20	
5/11/2016	9.76	
7/19/2016	3.04	
9/15/2016	4.78	
11/2/2016	2.46	
1/18/2017	5.46	
3/28/2017	13	
6/7/2017	17	
9/26/2017	24.9	
12/28/2017	17.9 (Y)	
3/14/2018	26.4	
9/12/2018	25.1	
3/15/2019	20.3 (X)	
9/9/2019	11.3	
3/9/2020	3.2	
9/10/2020	1	
3/12/2021	11	
8/4/2021	10.6	
1/31/2022		12.7

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	2.05	
5/23/2016	1.29	
7/29/2016	1.29	
9/22/2016	1.51	
11/10/2016	1.54	
1/31/2017	1.34	
3/30/2017	1.31	
6/12/2017	1.4	
10/4/2017	1.13	
3/19/2018	1.2	
9/17/2018	0.95	
3/20/2019	0.96	
9/13/2019	0.94	
3/11/2020	1	
3/29/2021	19	
8/9/2021	19.4	
2/2/2022		22.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	24	
5/11/2016	22.1	
7/21/2016	19.3	
9/15/2016	18.2	
11/3/2016	18.2	
1/17/2017	22	
3/24/2017	21.1	
5/24/2017	23.5	
9/26/2017	24.1	
3/14/2018	25.7	
9/12/2018	18.4 (J)	
3/13/2019	23.8 (X)	
9/9/2019	15.4	
3/9/2020	29.4	
9/11/2020	17.7	
3/10/2021	22.8	
8/4/2021	17.1	
1/31/2022		18.5

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	24	
5/12/2016	15.5	
7/20/2016	16.5	
9/15/2016	6.1	
11/3/2016	13.7	
1/18/2017	13.1	
3/24/2017	17.3	
6/6/2017	29.1	
9/25/2017	17.6	
3/14/2018	39.6	
9/12/2018	14.2 (J)	
3/14/2019	22.7 (X)	
9/10/2019	6	
3/6/2020	29.2	
9/10/2020	13.5	
3/11/2021	25.9	
8/4/2021	15.7	
1/31/2022		14.5

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	38	
5/13/2016	36	
7/21/2016	33.5	
9/21/2016	31.9	
11/3/2016	28.9	
1/17/2017	31.4	
3/27/2017	31.7	
6/6/2017	42.9	
9/25/2017	29.3	
3/14/2018	41.4	
9/12/2018	29	
3/14/2019	31.9	
9/10/2019	29.6	
3/9/2020	25.5	
9/10/2020	22.9	
3/10/2021	40.3	
8/4/2021	38.5	
1/31/2022		39.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	31	
5/16/2016	32	
7/22/2016	28.5	
9/19/2016	28.6	
11/3/2016	26.6	
1/17/2017	28.7	
3/27/2017	30.4	
6/7/2017	31.3	
9/26/2017	29.5	
3/14/2018	32.6	
9/14/2018	30.5	
3/14/2019	32	
9/10/2019	34	
3/6/2020	38	
9/10/2020	31.1	
3/11/2021	34.8	
8/4/2021	34	
1/31/2022		37.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	13	
5/13/2016	18.7	
7/19/2016	12	
9/16/2016	8.48	
11/2/2016	11.4	
1/18/2017	6.81	
3/28/2017	5.61	
6/6/2017	4.99	
9/22/2017	4.24	
3/14/2018	3.6	
9/12/2018	3.7	
3/13/2019	2.9	
9/11/2019	3.2	
3/9/2020	2.6	
9/11/2020	9	
3/11/2021	2.1	
8/6/2021	4	
1/31/2022		2.2

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	30	
5/13/2016	27.8	
7/19/2016	25.3	
9/16/2016	27.5	
11/2/2016	26.2	
1/18/2017	26.6	
3/28/2017	29	
6/6/2017	29.3	
9/22/2017	32.2	
12/28/2017	29 (Y)	
3/15/2018	28	
9/12/2018	28.7	
3/13/2019	29.2	
9/11/2019	29.5	
3/9/2020	31.7	
9/14/2020	31	
3/11/2021	31.2	
8/5/2021	29	
1/31/2022		30.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	54.7 (D)	
4/7/2017	46.8 (D)	
6/14/2017	52.4 (D)	
7/12/2017	51.1 (D)	
7/20/2017	47.5 (D)	
7/28/2017	44 (D)	
8/9/2017	48.3 (D)	
8/24/2017	41.9 (D)	
10/3/2017	47.7 (D)	
3/21/2018	47.5	
9/18/2018	48.1	
3/21/2019	49.9 (D)	
9/12/2019	49.9 (D)	
3/12/2020	54.2	
9/17/2020	48.4	
3/16/2021	53.7	
8/10/2021	56.5	
2/3/2022		57.7

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	3.89	
5/23/2016	2.16	
8/1/2016	1.37	
9/26/2016	1.86	
11/10/2016	1.86	
1/30/2017	2.86	
4/7/2017	2.34	
6/12/2017	1.87	
10/2/2017	2.53	
3/16/2018	1.8	
9/17/2018	2.3	
3/19/2019	4.2	
9/13/2019	1.9	
3/11/2020	1.6	
9/16/2020	1.7	
3/17/2021	1.4	
8/9/2021	1.5	
2/1/2022		1.5

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	7.04	
5/25/2016	13.5	
8/1/2016	2.2	
9/26/2016	5.72	
11/11/2016	2.5	
1/30/2017	2.01	
4/3/2017	6.26	
6/12/2017	7.44	
10/2/2017	6.55	
3/16/2018	2.6	
9/18/2018	1.3	
3/19/2019	4.6	
9/12/2019	3.7	
3/11/2020	1.2	
9/15/2020	0.94 (J)	
3/17/2021	5.4	
8/9/2021	1.7	
2/2/2022		0.93 (J)

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	36.4	
5/26/2016	37.6	
8/5/2016	30.7	
9/28/2016	32.4	
11/22/2016	31.4	
2/7/2017	30.1	
4/10/2017	23.6	
6/14/2017	34.6	
10/4/2017	35.2	
3/20/2018	12 (J)	
9/18/2018	36.7	
3/22/2019	15.4 (J)	
9/17/2019	36.7	
3/12/2020	18.6	
9/17/2020	32.6	
3/18/2021	27	
8/10/2021	29.4	
2/4/2022		21.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	45	
5/26/2016	41.7	
8/3/2016	35.2	
9/28/2016	39.2	
11/22/2016	37.2	
2/7/2017	38.4	
4/10/2017	38.7	
6/14/2017	40.8	
10/4/2017	40.1	
3/21/2018	43.3	
9/18/2018	45.4	
3/22/2019	37.2	
9/17/2019	40.5	
3/12/2020	43.2	
9/17/2020	39	
3/18/2021	43.8	
8/11/2021	44.3	
2/4/2022		46.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	21.3	
5/26/2016	22.5	
8/3/2016	17.5	
9/28/2016	24.1	
11/22/2016	15.7	
2/8/2017	18.3	
4/10/2017	18.5	
6/15/2017	21	
10/4/2017	9.4	
3/21/2018	19.7 (J)	
9/18/2018	17.6 (J)	
3/23/2019	7.8	
9/17/2019	16.8	
3/12/2020	8	
9/21/2020	17.7	
3/19/2021	19.7	
8/11/2021	9.1	
2/4/2022		19.2

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	27.9	
5/26/2016	28.7	
8/4/2016	18.6	
9/28/2016	17.7	
11/22/2016	20.2	
2/8/2017	24.3	
4/10/2017	29	
6/15/2017	29	
10/4/2017	23.9	
3/22/2018	27.5	
9/18/2018	26.3	
3/23/2019	28.3	
9/17/2019	27.6	
3/12/2020	32.5	
9/21/2020	26	
3/19/2021	31.3	
8/11/2021	33.2	
2/4/2022		34.8

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	8.63	
5/27/2016	9.07	
8/3/2016	6.82	
9/30/2016	8.8	
11/22/2016	8.08	
2/13/2017	8.51	
4/11/2017	7.5	
6/14/2017	7.82	
10/4/2017	8.32	
3/22/2018	7.5	
9/18/2018	8.2	
3/23/2019	7.5	
9/17/2019	7.8	
3/12/2020	8.1	
9/21/2020	8	
3/19/2021	7.8	
8/11/2021	8.4	
2/2/2022		8.4

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	36.9	
5/31/2016	43.9	
8/4/2016	45	
9/29/2016	60.5	
11/28/2016	54.7	
2/9/2017	61	
4/12/2017	52.3	
6/16/2017	62.3	
10/9/2017	58.6	
3/21/2018	40.9	
9/19/2018	45.9	
3/23/2019	29.6	
9/18/2019	40.7	
3/13/2020	33	
9/22/2020	43.1	
3/18/2021	30.8	
8/11/2021	28.4	
2/17/2022		29.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	26.5	
6/1/2016	26.6	
2/22/2017	51.6	
4/11/2017	45.2	
6/16/2017	47.5	
7/12/2017	51.6	
7/28/2017	46	
8/10/2017	52.2	
10/6/2017	42.2	
3/23/2018	41.4	
9/20/2018	47.5	
3/22/2019	40.5	
9/18/2019	42.9	
3/17/2020	44.9	
9/22/2020	47.7	
3/19/2021	43	
8/12/2021	43.1	
2/4/2022		43.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	35.7	
6/1/2016	28.2	
8/9/2016	43	
11/28/2016	24.8	
2/9/2017	21.2	
4/11/2017	21.1	
6/14/2017	20.6	
7/12/2017	17.7	
10/5/2017	20.1	
3/22/2018	18.6 (J)	
9/19/2018	20 (J)	
3/22/2019	16.7 (J)	
9/17/2019	11.4	
3/13/2020	17	
9/21/2020	13.1	
3/18/2021	13	
8/11/2021	14.3	
2/4/2022		14.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	37.7	
5/31/2016	38.4	
8/4/2016	28.6	
9/29/2016	31.4	
11/23/2016	62.5 (o)	
2/10/2017	31.2	
4/12/2017	34.1	
6/15/2017	34.2	
10/6/2017	35.4	
3/23/2018	35.6	
9/19/2018	35.7	
3/25/2019	35.6	
9/17/2019	39.5	
3/13/2020	41	
9/21/2020	36.5	
3/18/2021	42.1	
8/11/2021	38.6	
2/4/2022		41.7

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	12.2	
5/31/2016	8.24	
11/23/2016	24.5	
2/10/2017	23.8	
4/11/2017	25.7	
6/15/2017	24.8	
7/12/2017	27.7	
7/26/2017	25.6	
10/6/2017	24.7	
3/23/2018	24.3 (J)	
9/19/2018	23.7 (J)	
3/22/2019	21.3 (J)	
9/17/2019	22.1	
3/13/2020	24.2	
9/21/2020	22.6	
3/18/2021	27.4	
8/11/2021	25.4	
2/7/2022		26.1

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	5.5	
5/16/2016	4.3	
7/25/2016	1.41	
9/19/2016	1.01	
11/3/2016	0.884	
1/19/2017	1.41	
3/28/2017	4.23	
6/5/2017	10.1	
9/26/2017	4.14	
3/15/2018	9	
9/12/2018	4.1	
3/14/2019	17.2 (X)	
9/11/2019	7.1	
3/10/2020	16.9	
9/15/2020	8.3	
3/11/2021	11.9	
8/4/2021	12.5	
1/31/2022		11.2

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.8 (D)	
5/16/2016	0.877 (D)	
7/25/2016	0.781 (D)	
9/19/2016	0.775 (D)	
11/4/2016	0.792 (D)	
1/23/2017	0.782 (D)	
3/29/2017	0.756 (D)	
6/7/2017	0.944	
9/27/2017	0.773	
3/15/2018	0.77	
9/13/2018	0.79	
3/14/2019	0.9 (D)	
9/11/2019	0.83 (D)	
3/10/2020	0.89 (J)	
9/11/2020	0.81 (J)	
3/11/2021	0.93 (J)	
8/6/2021	0.94 (J)	
2/1/2022		1.1

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	36 (D)	
5/16/2016	37.4 (D)	
7/25/2016	30.2 (D)	
9/19/2016	32.3 (D)	
11/3/2016	29.3 (D)	
1/20/2017	28.7 (D)	
3/29/2017	34.9 (D)	
6/7/2017	30.9	
9/27/2017	34.2	
3/15/2018	34.6	
9/13/2018	36.1	
3/14/2019	37 (D)	
9/11/2019	37.2 (D)	
3/10/2020	43.5	
9/11/2020	35.3	
3/11/2021	43.1	
8/6/2021	40.6	
2/1/2022		43.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	50	
5/17/2016	50.5	
7/26/2016	40.7	
9/20/2016	38.8	
11/4/2016	40.7	
1/20/2017	38.8	
3/28/2017	48.3	
6/7/2017	43.4	
9/29/2017	46.6	
3/15/2018	46.2	
9/13/2018	45.3	
3/18/2019	46.1	
9/11/2019	43.1	
3/10/2020	51.6	
9/14/2020	40.2	
3/11/2021	45.2	
8/5/2021	43.7	
1/31/2022		39.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	26	
5/18/2016	26.2	
7/27/2016	19.3	
9/20/2016	25.3	
11/7/2016	23.6	
1/23/2017	25.1	
3/29/2017	28.9	
6/8/2017	25.6	
9/27/2017	23.8	
3/15/2018	21.6 (J)	
9/13/2018	23.8 (J)	
3/15/2019	20.4 (X)	
9/12/2019	21.1	
3/9/2020	22.3	
9/14/2020	20.9	
3/11/2021	21.1	
8/5/2021	20.4	
2/1/2022		21.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	25	
5/18/2016	27.6	
7/27/2016	23.9	
9/20/2016	28.9	
11/4/2016	32.1	
1/20/2017	31.8	
3/29/2017	34.6	
6/8/2017	34	
9/27/2017	30.8	
3/16/2018	30.2	
9/13/2018	30.9	
3/19/2019	28.4	
9/11/2019	33.3	
3/9/2020	35	
9/15/2020	31.6	
3/11/2021	31.8	
8/5/2021	29	
2/1/2022		29.4

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	12	
5/17/2016	3.25	
7/27/2016	3.2	
9/20/2016	2.72	
11/4/2016	1.69	
1/23/2017	<0.5	
3/28/2017	1.72	
6/8/2017	3.11	
9/29/2017	2.71	
3/15/2018	3.5	
9/13/2018	2.5	
3/15/2019	4.4	
9/11/2019	2.9	
3/9/2020	4.5	
9/14/2020	3.5	
3/11/2021	5.9	
8/4/2021	2.8	
1/31/2022		2.8

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	24	
5/18/2016	27.7	
7/27/2016	21.7	
9/21/2016	24.9	
11/4/2016	23.6	
1/24/2017	23	
3/29/2017	27.5	
6/8/2017	27.1	
9/29/2017	25.3	
3/15/2018	24.4 (J)	
9/13/2018	22.8 (J)	
3/18/2019	31	
9/11/2019	24.3	
3/11/2020	27.1	
9/11/2020	24.7	
3/15/2021	24.7	
8/11/2021	27.4	
2/1/2022		26

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	6.4	
5/18/2016	4.63	
7/28/2016	2.25	
9/21/2016	1.86	
11/7/2016	1.65	
1/24/2017	1.62	
3/30/2017	1.27	
6/9/2017	1.18	
9/29/2017	0.967	
3/15/2018	0.81	
9/14/2018	0.7	
3/19/2019	1.1	
9/11/2019	0.78	
3/9/2020	0.87 (J)	
9/14/2020	0.65 (J)	
3/15/2021	0.69 (J)	
8/5/2021	0.67 (J)	
2/1/2022		0.62 (J)

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	4.29	
5/25/2016	7.15	
8/1/2016	3.35	
9/27/2016	2.89	
11/11/2016	3.33	
1/31/2017	3.21	
4/3/2017	2.57	
6/12/2017	6.22	
10/3/2017	2.45	
3/19/2018	3.3	
9/17/2018	2	
3/20/2019	2.7	
9/16/2019	2.8	
3/16/2020	12.1	
9/16/2020	2.8	
3/17/2021	3	
8/9/2021	2.6	
2/2/2022		3.7

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	13.8	
5/24/2016	14.8	
9/26/2016	13.3	
11/18/2016	12.4	
2/1/2017	13.3	
4/6/2017	13.4	
6/13/2017	14.6	
10/3/2017	13.9	
3/19/2018	14.4 (J)	
9/17/2018	12.4 (J)	
3/21/2019	14.9 (J)	
9/16/2019	13.5	
3/12/2020	16.2	
9/16/2020	14.3	
3/17/2021	14.1	
8/10/2021	14.7	
2/2/2022		15.5

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	11.1	
5/24/2016	12.6	
9/26/2016	11.8	
11/14/2016	11.3	
2/1/2017	12.6	
4/6/2017	9.84	
6/13/2017	13	
10/3/2017	13.7	
3/20/2018	11.5 (J)	
9/17/2018	11 (J)	
3/21/2019	8.3	
9/16/2019	9.5	
3/12/2020	9.3	
9/16/2020	8.8	
3/17/2021	9.5	
8/10/2021	9.9	
2/2/2022		10.5

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	25.7	
8/2/2016	22.9	
9/27/2016	22.2	
11/21/2016	22.1	
2/1/2017	21.7	
4/6/2017	21.4	
6/13/2017	24.4	
7/14/2017	24.8	
10/3/2017	23.6	
3/20/2018	22.9 (J)	
9/18/2018	20.8 (J)	
3/21/2019	25.2	
9/13/2019	24.6	
3/12/2020	26.4	
9/16/2020	24.4	
3/17/2021	23.9	
8/10/2021	26.2	
2/2/2022		26.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	22.2	
5/24/2016	25.2	
8/2/2016	20.8	
9/27/2016	23.1	
11/22/2016	22.3	
2/6/2017	21.4	
4/6/2017	21.1	
6/14/2017	22.1	
10/4/2017	23.1	
3/21/2018	22.5 (J)	
9/18/2018	20.8 (J)	
3/27/2019	20.6 (J)	
9/16/2019	23	
3/12/2020	21.8	
9/17/2020	21.4	
3/17/2021	22.4	
8/10/2021	23.5	
2/2/2022		23.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	25.1	
5/25/2016	23.7	
8/2/2016	21.5	
9/26/2016	21.4	
11/21/2016	21	
2/3/2017	20	
6/13/2017	21.5	
10/3/2017	22.8	
3/20/2018	20.3 (J)	
9/18/2018	15.5 (J)	
5/6/2019	20 (J)	
9/16/2019	20.3	
3/16/2020	19.4	
9/17/2020	18.1	
3/18/2021	9.6	
8/10/2021	20	
2/2/2022		20.8

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	9.07	
5/26/2016	15.8	
8/5/2016	20.5	
9/28/2016	24.9	
11/21/2016	23.4	
2/6/2017	1.7	
4/6/2017	1.6	
6/13/2017	3.82	
10/3/2017	9.77	
3/20/2018	1.4	
9/18/2018	3.35 (D)	
3/21/2019	4.8	
9/16/2019	12	
3/12/2020	1.8	
9/17/2020	18.3	
3/18/2021	1.9	
8/10/2021	1.9	
2/2/2022		2.2

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	0.0614 (J)	
5/19/2016	0.064 (J)	
7/29/2016	0.11 (J)	
9/23/2016	0.03 (J)	
11/9/2016	0.1 (J)	
1/30/2017	<0.1	
3/30/2017	0.01 (J)	
6/9/2017	0.04 (J)	
10/2/2017	0.07 (J)	
3/16/2018	0.029 (J)	
9/17/2018	<0.1 (D)	
3/20/2019	<0.1	
9/12/2019	0.051 (J)	
3/11/2020	0.052 (J)	
9/15/2020	0.05 (J)	
3/16/2021	<0.1	
8/9/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	0.0477 (J)	
5/20/2016	0.033 (J)	
7/29/2016	0.16 (J)	
9/23/2016	0.1 (J)	
11/9/2016	0.04 (J)	
1/31/2017	<0.1	
3/30/2017	0.02 (J)	
6/12/2017	0.17 (J)	
10/2/2017	<0.1	
3/19/2018	1.1 (O)	
9/14/2018	<0.1	
3/20/2019	<0.1	
9/12/2019	<0.1 (D)	
3/11/2020	<0.1	
9/15/2020	<0.1	
3/17/2021	<0.1	
8/9/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	0.0826 (J)	
5/19/2016	0.0409 (J)	
7/29/2016	0.07 (J)	
9/22/2016	<0.1	
11/10/2016	0.03 (J)	
1/31/2017	<0.1	
4/3/2017	0.02 (J)	
6/9/2017	0.06 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/14/2018	<0.1	
3/19/2019	0.056 (J)	
9/13/2019	0.055 (J)	
3/11/2020	0.052 (J)	
9/15/2020	<0.1	
3/16/2021	<0.1	
8/9/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0202 (JD)	
7/27/2016	0.08 (JD)	
2/21/2017	0.17 (JD)	
3/27/2017	0.09 (JD)	
6/8/2017	0.05 (JD)	
7/17/2017	0.05 (JD)	
7/27/2017	0.08 (JD)	
8/9/2017	<0.1 (*)	
9/29/2017	0.04 (JD)	
3/16/2018	0.27 (J)	
9/14/2018	0.1 (J)	
3/14/2019	0.066 (X)	
9/10/2019	0.055 (X)	
3/9/2020	<0.1	
9/16/2020	<0.1	
3/16/2021	<0.1	
8/6/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.0657 (J)	
5/11/2016	0.0401 (J)	
7/19/2016	<0.1	
9/15/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	0.03 (J)	
3/28/2017	0.06 (J)	
6/7/2017	0.06 (J)	
9/26/2017	0.04 (J)	
3/14/2018	0.14 (J)	
9/12/2018	<0.1	
3/15/2019	<0.1	
9/9/2019	0.054 (X)	
3/9/2020	<0.1	
9/10/2020	<0.1	
3/12/2021	0.051 (J)	
8/4/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<0.1	
5/23/2016	<0.1	
7/29/2016	<0.1	
9/22/2016	<0.1	
11/10/2016	<0.1	
1/31/2017	<0.1	
3/30/2017	<0.1	
6/12/2017	<0.1	
10/4/2017	<0.1	
3/19/2018	<0.1	
9/17/2018	<0.1	
3/20/2019	<0.1	
9/13/2019	<0.1	
3/11/2020	<0.1	
3/29/2021	0.053 (J)	
8/9/2021	0.055 (J)	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.1	
5/11/2016	0.0255 (J)	
7/21/2016	<0.1	
9/19/2016	<0.1	
11/3/2016	0.11 (J)	
1/17/2017	0.02 (J)	
3/24/2017	<0.1	
5/24/2017	<0.1	
9/26/2017	<0.1	
3/14/2018	0.055 (J)	
9/12/2018	<0.1	
3/13/2019	0.045 (X)	
9/9/2019	<0.1	
3/9/2020	<0.1	
9/11/2020	<0.1	
3/10/2021	<0.1	
8/4/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	0.0285 (J)	
5/12/2016	0.022 (J)	
7/20/2016	<0.1	
9/15/2016	<0.1	
11/3/2016	0.05 (J)	
1/18/2017	0.02 (J)	
3/24/2017	<0.1	
6/6/2017	<0.1	
9/25/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/14/2019	0.039 (X)	
9/10/2019	<0.1	
3/6/2020	<0.1	
9/10/2020	<0.1	
3/11/2021	<0.1	
8/4/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.0394 (J)	
5/13/2016	0.0234 (J)	
7/21/2016	<0.1	
9/21/2016	<0.1	
11/3/2016	0.12 (J)	
1/17/2017	0.01 (J)	
3/27/2017	<0.1	
6/6/2017	<0.1	
9/25/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/14/2019	0.04 (X)	
9/10/2019	<0.1	
3/9/2020	<0.1	
9/10/2020	<0.1	
3/10/2021	<0.1	
8/4/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.0296 (J)	
5/16/2016	0.0287 (J)	
7/22/2016	0.04 (J)	
9/19/2016	<0.1	
11/3/2016	0.04 (J)	
1/17/2017	0.02 (J)	
3/27/2017	<0.1	
6/7/2017	<0.1	
9/26/2017	<0.1	
3/14/2018	0.06 (J)	
9/14/2018	<0.1	
3/14/2019	0.058 (X)	
9/10/2019	<0.1	
3/6/2020	<0.1	
9/10/2020	<0.1	
3/11/2021	<0.1	
8/4/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0329 (J)	
5/13/2016	0.0459 (J)	
7/19/2016	<0.1	
9/16/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	<0.1	
3/28/2017	<0.1	
6/6/2017	<0.1	
9/22/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/13/2019	<0.1	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/11/2020	<0.1	
3/11/2021	<0.1	
8/6/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.0141 (J)	
5/13/2016	0.0141 (J)	
7/19/2016	<0.1	
9/16/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	0.02 (J)	
3/28/2017	<0.1	
6/6/2017	<0.1	
9/22/2017	<0.1	
3/15/2018	<0.1	
9/12/2018	<0.1	
3/13/2019	0.036 (X)	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/14/2020	<0.1	
3/11/2021	<0.1	
8/5/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.3 (D)	
4/7/2017	0.19 (JD)	
6/14/2017	0.19 (JD)	
7/12/2017	0.18 (JD)	
7/20/2017	0.17 (JD)	
7/28/2017	0.13 (JD)	
8/9/2017	0.17 (D)	
8/24/2017	0.16 (JD)	
10/3/2017	0.17 (JD)	
3/21/2018	0.24 (J)	
9/18/2018	<0.3	
3/21/2019	0.19 (JD)	
9/12/2019	0.1 (JD)	
3/12/2020	0.18 (J)	
9/17/2020	0.12 (J)	
3/16/2021	0.1	
8/10/2021	0.087 (J)	
2/3/2022		0.15

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	0.0314 (J)	
5/23/2016	0.027 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/10/2016	0.04 (J)	
1/30/2017	<0.1	
4/7/2017	<0.1	
6/12/2017	0.07 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/17/2018	<0.1	
3/19/2019	<0.1	
9/13/2019	<0.1	
3/11/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/9/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	0.0326 (J)	
5/25/2016	0.0285 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/11/2016	<0.1	
1/30/2017	<0.1	
4/3/2017	0.04 (J)	
6/12/2017	0.06 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/18/2018	<0.1	
3/19/2019	<0.1	
9/12/2019	<0.1	
3/11/2020	<0.1	
9/15/2020	<0.1	
3/17/2021	<0.1	
8/9/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	0.0389 (J)	
5/26/2016	0.0375 (J)	
8/5/2016	0.03 (J)	
9/28/2016	<0.1	
11/22/2016	0.04 (J)	
2/7/2017	<0.1	
4/10/2017	<0.1	
6/14/2017	0.02 (J)	
10/4/2017	<0.1	
3/20/2018	<0.1	
9/18/2018	<0.1	
3/22/2019	0.045 (J)	
9/17/2019	<0.1	
3/12/2020	<0.1	
9/17/2020	<0.1	
3/18/2021	<0.1	
8/10/2021	<0.1	
2/4/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	0.0209 (J)	
5/26/2016	0.037 (J)	
8/3/2016	<0.1	
9/28/2016	0.05 (J)	
11/22/2016	0.04 (J)	
2/7/2017	<0.1	
4/10/2017	<0.1	
6/14/2017	<0.1	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/12/2020	<0.1	
9/17/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/4/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	0.0357 (J)	
5/26/2016	0.042 (J)	
8/3/2016	0.04 (J)	
9/28/2016	<0.1	
11/22/2016	0.06 (J)	
2/8/2017	0.05 (J)	
4/10/2017	<0.1	
6/15/2017	0.03 (J)	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1	
3/12/2020	<0.1	
9/21/2020	<0.1	
3/19/2021	<0.1	
8/11/2021	<0.1	
2/4/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	0.022 (J)	
5/26/2016	0.023 (J)	
8/4/2016	0.05 (J)	
9/28/2016	<0.1	
11/22/2016	0.04 (J)	
2/8/2017	<0.1	
4/10/2017	<0.1	
6/15/2017	<0.1	
10/4/2017	<0.1	
3/22/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1	
3/12/2020	<0.1	
9/21/2020	<0.1	
3/19/2021	<0.1	
8/11/2021	<0.1	
2/4/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	0.035 (J)	
5/27/2016	0.032 (J)	
8/3/2016	<0.1	
9/30/2016	<0.1	
11/22/2016	0.03 (J)	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/14/2017	0.01 (J)	
10/4/2017	<0.1	
3/22/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1 (D)	
3/12/2020	<0.1	
9/21/2020	<0.1	
3/19/2021	<0.1	
8/11/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	0.026 (J)	
5/31/2016	0.0234 (J)	
8/4/2016	0.09 (J)	
9/29/2016	<0.1	
11/28/2016	0.08 (J)	
2/9/2017	0.24 (J)	
4/12/2017	<0.1	
6/16/2017	0.04 (J)	
10/9/2017	<0.1	
3/21/2018	<0.1	
9/19/2018	<0.1	
3/23/2019	<0.1	
9/18/2019	<0.1	
3/13/2020	<0.1	
9/22/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/17/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	0.044 (J)	
6/1/2016	0.0338 (J)	
2/22/2017	0.22 (J)	
4/11/2017	0.16 (J)	
6/16/2017	0.2 (J)	
7/12/2017	0.2 (J)	
7/28/2017	0.18 (J)	
8/10/2017	<0.3	
10/6/2017	0.14 (J)	
3/23/2018	0.24 (J)	
9/20/2018	<0.3	
3/22/2019	0.12 (J)	
9/18/2019	0.17 (X)	
3/17/2020	0.11 (J)	
9/22/2020	0.1 (J)	
3/19/2021	0.12	
8/12/2021	0.11	
2/4/2022		0.13

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	1.78243 (J,O)	
6/1/2016	0.0148 (J)	
8/9/2016	0.04 (J)	
11/28/2016	0.07 (J)	
2/9/2017	0.08 (J)	
4/11/2017	<0.1	
6/14/2017	0.01 (J)	
7/12/2017	0.05 (J)	
10/5/2017	<0.1	
3/22/2018	<0.1	
9/19/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/13/2020	<0.1	
9/21/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/4/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	0.00288 (J)	
5/31/2016	0.0233 (J)	
8/4/2016	<0.1	
9/29/2016	<0.1	
11/23/2016	0.04 (J)	
2/10/2017	<0.1	
4/12/2017	<0.1	
6/15/2017	0.06 (J)	
10/6/2017	<0.1	
3/23/2018	<0.1	
9/19/2018	<0.1	
3/25/2019	<0.1	
9/17/2019	<0.1	
3/13/2020	<0.1	
9/21/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/4/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	0.011 (J)	
5/31/2016	0.0669 (J)	
11/23/2016	0.03 (J)	
2/10/2017	<0.1	
4/11/2017	<0.1	
6/15/2017	0.02 (J)	
7/12/2017	0.04 (J)	
7/26/2017	0.03 (J)	
10/6/2017	<0.1	
3/23/2018	<0.1	
9/19/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/13/2020	<0.1	
9/21/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/7/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00218 (J)	
5/16/2016	0.0415 (J)	
7/25/2016	0.14 (J)	
9/19/2016	<0.1	
11/3/2016	0.06 (J)	
1/19/2017	0.009 (J)	
3/28/2017	0.04 (J)	
6/5/2017	0.06 (J)	
7/20/2017	0.21 (J)	
9/26/2017	0.14 (J)	
3/15/2018	0.11 (J)	
9/12/2018	0.062 (J)	
3/14/2019	0.13 (X)	
9/11/2019	<0.1	
3/10/2020	0.13 (J)	
9/15/2020	<0.1	
3/11/2021	<0.1	
8/4/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.1 (D)	
5/16/2016	<0.1 (D)	
7/25/2016	0.02 (JD)	
9/19/2016	<0.1 (D)	
11/4/2016	0.04 (JD)	
1/23/2017	0.006 (JD)	
3/29/2017	<0.1 (D)	
6/7/2017	<0.1	
9/27/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/14/2019	<0.1 (D)	
9/11/2019	<0.1 (D)	
3/10/2020	<0.1	
9/11/2020	<0.1	
3/11/2021	<0.1	
8/6/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.00957 (JD)	
5/16/2016	0.0161 (JD)	
7/25/2016	0.14 (JD)	
9/19/2016	<0.1 (D)	
11/3/2016	0.08 (JD)	
1/20/2017	0.01 (JD)	
3/29/2017	<0.1 (D)	
6/7/2017	<0.1	
9/27/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/14/2019	0.039 (D)	
9/11/2019	<0.1 (D)	
3/10/2020	<0.1	
9/11/2020	<0.1	
3/11/2021	<0.1	
8/6/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.00697 (J)	
5/17/2016	0.0281 (J)	
7/26/2016	<0.1	
9/20/2016	<0.1	
11/4/2016	0.05 (J)	
1/20/2017	0.01 (J)	
3/28/2017	<0.1	
6/7/2017	<0.1	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/18/2019	<0.1	
9/11/2019	<0.1	
3/10/2020	<0.1	
9/14/2020	<0.1	
3/11/2021	<0.1	
8/5/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.00337 (J)	
5/18/2016	0.059 (J)	
7/27/2016	0.1 (J)	
9/20/2016	0.04 (J)	
11/7/2016	0.1 (J)	
1/23/2017	0.13 (J)	
3/29/2017	0.04 (J)	
6/8/2017	0.05 (J)	
9/27/2017	0.04 (J)	
3/15/2018	<0.1	
9/13/2018	0.047 (J)	
3/15/2019	<0.1	
9/12/2019	<0.1	
3/9/2020	<0.1	
9/14/2020	<0.1	
3/11/2021	<0.1	
8/5/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.00202 (J)	
5/18/2016	0.065 (J)	
7/27/2016	0.09 (J)	
9/20/2016	<0.1	
11/4/2016	0.04 (J)	
1/20/2017	0.009 (J)	
3/29/2017	<0.1	
6/8/2017	<0.1 (*)	
9/27/2017	<0.1	
3/16/2018	0.13 (J)	
9/13/2018	<0.1	
3/19/2019	<0.1	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/15/2020	<0.1	
3/11/2021	<0.1	
8/5/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00797 (J)	
5/17/2016	0.0156 (J)	
7/27/2016	<0.1	
9/20/2016	0.03 (J)	
11/4/2016	0.06 (J)	
1/23/2017	0.02 (J)	
3/28/2017	<0.1	
6/8/2017	0.06 (J)	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/15/2019	<0.1	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/14/2020	<0.1	
3/11/2021	<0.1	
8/4/2021	<0.1	
1/31/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.1	
5/18/2016	0.022 (J)	
7/27/2016	0.07 (J)	
9/21/2016	<0.1	
11/4/2016	0.03 (J)	
1/24/2017	<0.1	
3/29/2017	<0.1	
6/8/2017	<0.1 (*)	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/18/2019	<0.1	
9/11/2019	<0.1	
3/11/2020	<0.1	
9/11/2020	<0.1	
3/15/2021	<0.1	
8/11/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Inrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0 (J)	
5/18/2016	0.015 (J)	
7/28/2016	0.08 (J)	
9/21/2016	<0.1	
11/7/2016	<0.1	
1/24/2017	<0.1	
3/30/2017	<0.1	
6/9/2017	<0.1	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/14/2018	<0.1	
3/19/2019	<0.1	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/14/2020	<0.1	
3/15/2021	<0.1	
8/5/2021	<0.1	
2/1/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	0.00421 (J)	
5/25/2016	0.0207 (J)	
8/1/2016	<0.1	
9/27/2016	<0.1	
11/11/2016	0.04 (J)	
1/31/2017	<0.1	
4/3/2017	<0.1	
6/12/2017	0.02 (J)	
10/3/2017	<0.1	
3/19/2018	<0.1	
9/17/2018	<0.1	
3/20/2019	<0.1	
9/16/2019	<0.1	
3/16/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/9/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	0.0376 (J)	
5/24/2016	0.023 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/18/2016	0.02 (J)	
2/1/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	0.006 (J)	
10/3/2017	<0.1	
3/19/2018	<0.1	
9/17/2018	<0.1	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/10/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	0.00363 (J)	
5/24/2016	0.0286 (J)	
8/1/2016	0.08 (J)	
9/26/2016	<0.1	
11/14/2016	0.08 (J)	
2/1/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	0.05 (J)	
10/3/2017	<0.1	
3/20/2018	<0.1	
9/17/2018	<0.1	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/10/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	0.043 (J)	
8/2/2016	<0.1	
9/27/2016	<0.1	
11/21/2016	0.22 (J)	
2/1/2017	<0.1	
4/6/2017	0.008 (J)	
6/13/2017	0.03 (J)	
7/14/2017	0.05 (J)	
10/3/2017	0.06 (J)	
3/20/2018	<0.1	
9/18/2018	<0.1	
3/21/2019	<0.1	
9/13/2019	<0.1	
3/12/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/10/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	0.00345 (J)	
5/24/2016	0.019 (J)	
8/2/2016	<0.1	
9/27/2016	<0.1	
11/22/2016	0.02 (J)	
2/6/2017	<0.1	
4/6/2017	<0.1	
6/14/2017	<0.1	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/27/2019	<0.1	
9/16/2019	<0.1 (D)	
3/12/2020	<0.1	
9/17/2020	<0.1	
3/17/2021	<0.1	
8/10/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	0.00323 (J)	
5/25/2016	0.0345 (J)	
8/2/2016	0.08 (J)	
9/26/2016	0.07 (J)	
11/21/2016	0.07 (J)	
2/3/2017	<0.1	
4/7/2017	0.03 (J)	
6/13/2017	0.05 (J)	
10/3/2017	0.1 (J)	
3/20/2018	<0.1	
9/18/2018	<0.1	
5/6/2019	<0.1	
9/16/2019	<0.1	
3/16/2020	<0.1	
9/17/2020	<0.1	
3/18/2021	<0.1	
8/10/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	0.0518 (J)	
5/26/2016	0.0307 (J)	
8/5/2016	<0.1	
9/28/2016	<0.1	
11/21/2016	0.05 (J)	
2/6/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	<0.1	
10/3/2017	<0.1	
3/20/2018	<0.1	
9/18/2018	<0.1 (D)	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020	<0.1	
9/17/2020	<0.1	
3/18/2021	<0.1	
8/10/2021	<0.1	
2/2/2022		<0.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	2.3685	
5/19/2016	2.14	
7/29/2016	1.9	
9/23/2016	2	
11/9/2016	1.6	
1/30/2017	1.8	
3/30/2017	1.6	
6/9/2017	1.7	
10/2/2017	1.8	
3/16/2018	1.5	
9/17/2018	1.3 (D)	
3/20/2019	1.5	
9/12/2019	0.98 (J)	
3/11/2020	0.94 (J)	
9/15/2020	0.96 (J)	
3/16/2021	0.99 (J)	
8/9/2021	1.3	
2/1/2022		0.93 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	105.552	
5/20/2016	44.3	
7/29/2016	48	
9/23/2016	43	
11/9/2016	31	
1/31/2017	4.2	
3/30/2017	53	
6/12/2017	95	
10/2/2017	3.5	
3/19/2018	147	
9/14/2018	7.7	
3/20/2019	3.6	
9/12/2019	5.2	
3/11/2020	131	
9/15/2020	35.3	
3/17/2021	90.7	
8/9/2021	84.7	
2/1/2022		86.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	26.8249	
5/19/2016	3.81	
7/29/2016	1.1	
9/22/2016	0.96 (J)	
11/10/2016	0.72 (J)	
1/31/2017	1.5	
4/3/2017	1.3	
6/9/2017	1.2	
10/2/2017	1.7	
3/16/2018	14.8 (J)	
9/14/2018	2.1	
3/19/2019	32.5 (J)	
9/13/2019	3.8	
3/11/2020	34.3	
9/15/2020	1	
3/16/2021	3.3	
8/9/2021	1.6	
2/1/2022		1.5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	2.4 (D)	
7/27/2016	3.6 (D)	
2/21/2017	26 (D)	
3/27/2017	10 (D)	
6/8/2017	6.7 (D)	
7/17/2017	6.4 (D)	
7/27/2017	18 (D)	
8/9/2017	18 (D)	
9/29/2017	21 (D)	
3/16/2018	15.5	
9/14/2018	11.6	
3/14/2019	9.3	
9/10/2019	14	
3/9/2020	5.8	
9/16/2020	8.6	
3/16/2021	3.5	
8/6/2021	4.2	
2/2/2022		4.5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	4.2598	
5/11/2016	6.05	
7/19/2016	9.5	
9/15/2016	6.7	
11/2/2016	5.4	
1/18/2017	5.5	
3/28/2017	2.9	
6/7/2017	2.3	
9/26/2017	3.2	
3/14/2018	3.8	
9/12/2018	3.7	
3/15/2019	3	
9/9/2019	2.4	
3/9/2020	0.84 (J)	
9/10/2020	0.95 (J)	
3/12/2021	2	
8/4/2021	1.3	
1/31/2022		1.2

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	0.8724 (J)	
5/23/2016	0.805 (J)	
7/29/2016	0.84 (J)	
9/22/2016	0.94 (J)	
11/10/2016	1.1	
1/31/2017	0.92 (J)	
3/30/2017	0.77 (J)	
6/12/2017	0.68 (J)	
10/4/2017	0.5 (J)	
3/19/2018	0.49 (J)	
9/17/2018	0.36 (J)	
3/20/2019	0.38 (J)	
9/13/2019	<1	
3/11/2020	<1	
3/29/2021	5.4	
8/9/2021	5	
2/2/2022		3.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	1.2104	
5/11/2016	1.28	
7/21/2016	0.91 (J)	
9/19/2016	1.3	
11/3/2016	1.5	
1/17/2017	<1.2 (*)	
3/24/2017	0.86 (J)	
5/24/2017	1.2	
9/26/2017	4.2	
12/28/2017	7.4 (Y)	
3/14/2018	3.8	
9/12/2018	1.7	
3/13/2019	2.1	
9/9/2019	1.6	
3/9/2020	1.2	
9/11/2020	1.3	
3/10/2021	1.5	
8/4/2021	1.4	
1/31/2022		1.2

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	4.9347	
5/12/2016	2.3	
7/20/2016	2	
9/15/2016	1.1	
11/3/2016	1.6	
1/18/2017	1.5	
3/24/2017	1.6	
6/6/2017	4.1	
9/25/2017	1.9	
3/14/2018	11.5	
9/12/2018	1.8	
3/14/2019	6.2	
9/10/2019	1.2	
3/6/2020	10	
9/10/2020	1.7	
3/11/2021	6.1	
8/4/2021	1.7	
1/31/2022		1.8

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	6.4987	
5/13/2016	3.68	
7/21/2016	4.5	
9/21/2016	2.8	
11/3/2016	6.7	
1/17/2017	<1.1 (*)	
3/27/2017	0.85 (J)	
6/6/2017	6.1	
9/25/2017	3.5	
3/14/2018	10.9 (J)	
9/12/2018	3.7	
3/14/2019	8.9	
9/10/2019	8.4	
3/9/2020	8.5	
9/10/2020	5.9	
3/10/2021	8.4	
8/4/2021	6.4	
1/31/2022		8.5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	1.4538	
5/16/2016	1.18	
7/22/2016	1.8	
9/19/2016	1.4	
11/3/2016	1.6	
1/17/2017	<1.8 (*)	
3/27/2017	2	
6/7/2017	1.9	
9/26/2017	2	
3/14/2018	2.1	
9/14/2018	1.6	
3/14/2019	2.2	
9/10/2019	1.2	
3/6/2020	1.7	
9/10/2020	0.95 (J)	
3/11/2021	1.6	
8/4/2021	1.4	
1/31/2022		1.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	1.1313	
5/13/2016	1.96	
7/19/2016	1.3	
9/16/2016	1.1	
11/2/2016	1.2	
1/18/2017	0.84 (J)	
3/28/2017	0.7 (J)	
6/6/2017	0.47 (J)	
9/22/2017	0.59 (J)	
3/14/2018	0.39 (J)	
9/12/2018	0.3 (J)	
3/13/2019	0.43 (X)	
9/11/2019	<1	
3/9/2020	<1	
9/11/2020	<1	
3/11/2021	<1	
8/6/2021	<1	
1/31/2022		<1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	3.8282	
5/13/2016	3.56	
7/19/2016	5.6	
9/16/2016	6.7	
11/2/2016	8.1	
1/18/2017	8.9	
3/28/2017	8.2	
6/6/2017	7	
9/22/2017	8.3	
3/15/2018	5.1	
9/12/2018	5.6	
3/13/2019	4.4	
9/11/2019	5	
3/9/2020	3.9	
9/14/2020	4.9	
3/11/2021	4.3	
8/5/2021	2.9	
1/31/2022		2.5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	22 (D)	
4/7/2017	18 (D)	
6/14/2017	20 (D)	
7/12/2017	18 (D)	
7/20/2017	20 (D)	
7/28/2017	18 (D)	
8/9/2017	19 (D)	
8/24/2017	21 (D)	
10/3/2017	25 (D)	
12/28/2017	26 (Y)	
3/21/2018	25.4	
9/18/2018	22.8	
3/21/2019	24.9 (D)	
9/12/2019	16.5 (D)	
3/12/2020	20.8	
9/17/2020	20.3	
3/16/2021	22.1	
8/10/2021	20.7	
2/3/2022		20.7

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	0.7283 (J)	
5/23/2016	0.728 (J)	
8/1/2016	0.78 (J)	
9/26/2016	0.82 (J)	
11/10/2016	0.92 (J)	
1/30/2017	<1	
4/7/2017	0.82 (J)	
6/12/2017	0.78 (J)	
10/2/2017	0.71 (J)	
3/16/2018	0.67 (J)	
9/17/2018	0.47 (J)	
3/19/2019	0.52 (J)	
9/13/2019	0.55 (J)	
3/11/2020	<1	
9/16/2020	<1	
3/17/2021	<1	
8/9/2021	<1	
2/1/2022		<1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	0.9594 (J)	
5/25/2016	1.59	
8/1/2016	1	
9/26/2016	1.2	
11/11/2016	1.2	
1/30/2017	<1	
4/3/2017	1.3	
6/12/2017	1.1	
10/2/2017	1.1	
3/16/2018	0.87 (J)	
9/18/2018	0.87 (J)	
3/19/2019	0.97 (J)	
9/12/2019	0.8 (J)	
3/11/2020	0.85 (J)	
9/15/2020	0.54 (J)	
3/17/2021	0.86 (J)	
8/9/2021	0.77 (J)	
2/2/2022		0.53 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	1.17	
5/26/2016	1.01	
8/5/2016	1.1	
9/28/2016	1	
11/22/2016	1.8	
2/7/2017	1.7	
4/10/2017	1.9	
6/14/2017	1.1	
10/4/2017	1.8	
3/20/2018	1.4	
9/18/2018	1.6	
3/22/2019	1.6	
9/17/2019	1.2	
3/12/2020	1.3	
9/17/2020	0.87 (J)	
3/18/2021	1.2	
8/10/2021	1.3	
2/4/2022		1.2

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	1.5	
5/26/2016	1.51	
8/3/2016	1.4	
9/28/2016	1.6	
11/22/2016	1.6	
2/7/2017	2	
4/10/2017	1.7	
6/14/2017	1.4	
10/4/2017	1.4	
3/21/2018	1.1	
9/18/2018	1.9	
3/22/2019	1.3	
9/17/2019	1.6	
3/12/2020	0.99 (J)	
9/17/2020	0.95 (J)	
3/18/2021	0.96 (J)	
8/11/2021	1	
2/4/2022		1.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	2.57	
5/26/2016	2.5	
8/3/2016	3	
9/28/2016	2.3	
11/22/2016	3.8	
2/8/2017	3.1	
4/10/2017	2.5	
6/15/2017	2.5	
10/4/2017	2.5	
3/21/2018	2.4	
9/18/2018	2.8	
3/23/2019	2.1	
9/17/2019	2.6	
3/12/2020	1.8	
9/21/2020	2	
3/19/2021	1.9	
8/11/2021	1.4	
2/4/2022		1.7

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	2.99	
5/26/2016	2.68	
8/4/2016	3.6	
9/28/2016	4.4	
11/22/2016	3.8	
2/8/2017	2.7	
4/10/2017	2.2	
6/15/2017	2.3	
10/4/2017	2.8	
3/22/2018	2.2	
9/18/2018	2.6	
3/23/2019	2.1	
9/17/2019	2	
3/12/2020	1.5	
9/21/2020	1.8	
3/19/2021	1.5	
8/11/2021	1.5	
2/4/2022		1.5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	0.3574 (J)	
5/27/2016	<1	
8/3/2016	0.35 (J)	
9/30/2016	0.47 (J)	
11/22/2016	0.36 (J)	
2/13/2017	0.79 (J)	
4/11/2017	0.42 (J)	
6/14/2017	0.3 (J)	
10/4/2017	0.36 (J)	
3/22/2018	0.3 (J)	
9/18/2018	<1	
3/23/2019	0.3 (J)	
9/17/2019	<1 (D)	
3/12/2020	<1	
9/21/2020	<1	
3/19/2021	<1	
8/11/2021	<1	
2/2/2022		<1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	24.8	
5/31/2016	42.5	
8/4/2016	91	
9/29/2016	110	
11/28/2016	120	
2/9/2017	150	
4/12/2017	120	
6/16/2017	120	
10/9/2017	130	
3/21/2018	59.1	
9/19/2018	64.5	
3/23/2019	15.5 (J)	
9/18/2019	50.7	
3/13/2020	16.9	
9/22/2020	39.6	
3/18/2021	19.3	
8/11/2021	9.7	
2/17/2022		6.9

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	17.5	
6/1/2016	20.9	
2/22/2017	48	
4/11/2017	41	
6/16/2017	33	
7/12/2017	58	
7/28/2017	55	
8/10/2017	66	
10/6/2017	77	
3/23/2018	75.8	
9/20/2018	72.2	
3/22/2019	57.9	
9/18/2019	68.1	
3/17/2020	72.1	
9/22/2020	69.8	
3/19/2021	74.2	
8/12/2021	56.7	
2/4/2022		63.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	1.65	
6/1/2016	1.75	
11/28/2016	2.7	
2/9/2017	2.7	
4/11/2017	4.9	
6/14/2017	2.4	
7/12/2017	4.1	
10/5/2017	1.6	
3/22/2018	2.5	
9/19/2018	1.7	
3/22/2019	6.2	
9/17/2019	6.1	
3/13/2020	11.1	
9/21/2020	5.5	
3/18/2021	7.8	
8/11/2021	6.9	
2/4/2022		6.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	7.45	
5/31/2016	7.29	
8/4/2016	7.6	
9/29/2016	6.1	
11/23/2016	10	
2/10/2017	6.7	
4/12/2017	9.2	
6/15/2017	9.2	
10/6/2017	10	
3/23/2018	10.6	
9/19/2018	10.4	
3/25/2019	11.2	
9/17/2019	13.1	
3/13/2020	8.8	
9/21/2020	9	
3/18/2021	10.4	
8/11/2021	9.1	
2/4/2022		8.3

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	10.1	
5/31/2016	12.1	
11/23/2016	1.3	
2/10/2017	4.2	
4/11/2017	3.2	
6/15/2017	2.5	
7/12/2017	6.9	
7/26/2017	2.9	
10/6/2017	6.6	
3/23/2018	1.6	
9/19/2018	2.6	
3/22/2019	2.1	
9/17/2019	1.6	
3/13/2020	1.1	
9/21/2020	0.9 (J)	
3/18/2021	0.76 (J)	
8/11/2021	0.65 (J)	
2/7/2022		0.64 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	14.7828	
5/16/2016	10.2	
7/25/2016	8.4	
9/19/2016	2.5	
11/3/2016	3.3	
1/19/2017	3.2	
3/28/2017	16 (J)	
6/5/2017	38	
7/20/2017	48	
9/26/2017	18	
3/15/2018	32.4	
9/12/2018	16	
3/14/2019	79.7 (O)	
9/11/2019	19.8	
3/10/2020	48.5	
9/15/2020	23.1	
3/11/2021	35.5	
8/4/2021	35.1	
1/31/2022		29.7

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.31682 (JD)	
5/16/2016	0.5151 (JD)	
7/25/2016	0.84 (D)	
9/19/2016	0.72 (JD)	
11/4/2016	0.75 (JD)	
1/23/2017	0.99 (JD)	
3/29/2017	1.5 (D)	
6/7/2017	0.63 (J)	
9/27/2017	1.2	
3/15/2018	0.75 (J)	
9/13/2018	1.3	
3/14/2019	0.72 (D)	
9/11/2019	<1 (D)	
3/10/2020	0.61 (J)	
9/11/2020	<1	
3/11/2021	<1	
8/6/2021	<1	
2/1/2022		<1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	2.8721 (D)	
5/16/2016	2.27 (D)	
7/25/2016	2.6 (D)	
9/19/2016	2.8 (D)	
11/3/2016	2.6 (D)	
1/20/2017	2.8 (D)	
3/29/2017	3.1 (D)	
6/7/2017	3.2	
9/27/2017	2.5	
3/15/2018	2.9	
9/13/2018	2.3	
3/14/2019	4.3 (D)	
9/11/2019	2.6 (D)	
3/10/2020	5.2	
9/11/2020	2.8	
3/11/2021	4.2	
8/6/2021	4	
2/1/2022		6.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	5.7554	
5/17/2016	8.67	
7/26/2016	6.6	
9/20/2016	5.8	
11/4/2016	6.1	
1/20/2017	7	
3/28/2017	7.7	
6/7/2017	6.4	
9/29/2017	8.4	
3/15/2018	6.4	
9/13/2018	7.2	
3/18/2019	4.4	
9/11/2019	7	
3/10/2020	5.5	
9/14/2020	6.9	
3/11/2021	6.7	
8/5/2021	6	
1/31/2022		5.2

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	3.4409	
5/18/2016	4.09	
7/27/2016	4	
9/20/2016	4.3	
11/7/2016	4.1	
1/23/2017	5.1	
3/29/2017	5.2	
6/8/2017	3.8	
9/27/2017	4.3	
3/15/2018	3.7	
9/13/2018	4.8	
3/15/2019	4.2	
9/12/2019	4.7	
3/9/2020	4.3	
9/14/2020	4.3	
3/11/2021	4.7	
8/5/2021	4.3	
2/1/2022		4.3

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	9.1279	
5/18/2016	10.1	
7/27/2016	7	
9/20/2016	6.7	
11/4/2016	7.9	
1/20/2017	6.6	
3/29/2017	6.2	
6/8/2017	7.5	
9/27/2017	7.5	
3/16/2018	13.4	
9/13/2018	11.6	
3/19/2019	14.8	
9/11/2019	10.7	
3/9/2020	10.4	
9/15/2020	9.6	
3/11/2021	10.4	
8/5/2021	10.3	
2/1/2022		9.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	2.6569	
5/17/2016	2.39	
7/27/2016	<1.6 (*)	
9/20/2016	2.4	
11/4/2016	2.1	
1/23/2017	2.1	
3/28/2017	2.1	
6/8/2017	1.3	
9/29/2017	3.7	
12/28/2017	1.7 (Y)	
3/15/2018	0.76 (J)	
9/13/2018	1.6	
3/15/2019	1.7	
9/11/2019	0.86 (X)	
3/9/2020	1.6	
9/14/2020	5.4	
3/11/2021	15.4	
5/26/2021	20.2	
8/4/2021	1.5	
1/31/2022		1.2

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	3.4197	
5/18/2016	3.06	
7/27/2016	2.6	
9/21/2016	3.1	
11/4/2016	3.1	
1/24/2017	3	
3/29/2017	2.5	
6/8/2017	3.3	
9/29/2017	4.2	
12/28/2017	3.8 (Y)	
3/15/2018	3.1	
9/13/2018	3.6	
3/18/2019	5.8	
9/11/2019	5.7	
3/11/2020	3.3	
9/11/2020	2.1	
3/15/2021	2.6	
8/11/2021	2.4	
2/1/2022		2.5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	5.3658	
5/18/2016	4.44	
7/28/2016	9.9	
9/21/2016	2.2	
11/7/2016	2.2	
1/24/2017	1.5	
3/30/2017	1.7	
6/9/2017	1.7	
9/29/2017	2.2	
3/15/2018	2.4	
9/14/2018	2.4	
3/19/2019	2.2	
9/11/2019	1.5	
3/9/2020	1.5	
9/14/2020	1.2	
3/15/2021	1.5	
8/5/2021	1.1	
2/1/2022		0.93 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	1.87	
5/25/2016	1.41	
8/1/2016	1.5	
9/27/2016	1.4	
11/11/2016	1.5	
1/31/2017	1.8	
4/3/2017	1.5	
6/12/2017	2.1	
10/3/2017	1.4	
3/19/2018	1.3	
9/17/2018	1.3	
3/20/2019	1.3	
9/16/2019	1.2	
3/16/2020	1.1	
9/16/2020	1.1	
3/17/2021	1.1	
8/9/2021	1.2	
2/2/2022		1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	3.5801	
5/24/2016	2.79	
8/1/2016	2.2	
9/26/2016	1.8	
11/18/2016	1.8	
2/1/2017	2.8	
4/6/2017	<2.5	
6/13/2017	2.8	
10/3/2017	2.6	
3/19/2018	2.6	
9/17/2018	2.2	
3/21/2019	2.7	
9/16/2019	2	
3/12/2020	2.1	
9/16/2020	1.8	
3/17/2021	2.2	
8/10/2021	1.7	
2/2/2022		1.7

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	1.4863	
5/24/2016	1.62	
8/1/2016	2.3	
9/26/2016	2.4	
11/14/2016	2.8	
2/1/2017	2.6	
4/6/2017	<2.3	
6/13/2017	2.2	
10/3/2017	2.6	
3/20/2018	2.5	
9/17/2018	2.5	
3/21/2019	1.7	
9/16/2019	1.6	
3/12/2020	1.4	
9/16/2020	1.3	
3/17/2021	1.8	
8/10/2021	1.4	
2/2/2022		1.5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	2.03	
8/2/2016	0.96 (J)	
9/27/2016	0.87 (J)	
11/21/2016	0.93 (J)	
2/1/2017	0.76 (J)	
4/6/2017	<1	
6/13/2017	0.58 (J)	
7/14/2017	0.04 (J)	
10/3/2017	0.87 (J)	
3/20/2018	0.5 (J)	
9/18/2018	0.65 (J)	
3/21/2019	1.9	
9/13/2019	0.76 (J)	
3/12/2020	1.7	
9/16/2020	1.1	
3/17/2021	1.3	
8/10/2021	1.1	
2/2/2022		1.3

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	1.9542	
5/24/2016	0.989 (J)	
8/2/2016	1	
9/27/2016	0.95 (J)	
11/22/2016	1.1	
2/6/2017	0.96 (J)	
4/6/2017	<1	
6/14/2017	0.97 (J)	
10/4/2017	0.84 (J)	
3/21/2018	1.2	
9/18/2018	0.9 (J)	
3/27/2019	1.5	
9/16/2019	0.69 (JD)	
3/12/2020	1.8	
9/17/2020	0.6 (J)	
3/17/2021	0.72 (J)	
8/10/2021	0.64 (J)	
2/2/2022		0.72 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III IntraWell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	3.9321	
5/25/2016	2.68	
8/2/2016	2.7	
9/26/2016	2.9	
11/21/2016	2.8	
2/3/2017	2.7	
4/7/2017	2.3	
6/13/2017	2	
10/3/2017	1.9	
3/20/2018	1.6	
9/18/2018	1.6	
5/6/2019	2.1	
9/16/2019	1	
3/16/2020	0.66 (J)	
9/17/2020	0.74 (J)	
3/18/2021	1.1	
8/10/2021	0.72 (J)	
2/2/2022		0.72 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	2	
5/26/2016	2.93	
8/5/2016	3.6	
9/28/2016	3.2	
11/21/2016	3.3	
2/6/2017	1.3	
4/6/2017	<1.2	
6/13/2017	2	
10/3/2017	2.8	
3/20/2018	1.2	
9/18/2018	2.6	
3/21/2019	2.3	
9/16/2019	3	
3/12/2020	1.1	
9/17/2020	3.5	
3/18/2021	2.1	
8/10/2021	1.7	
2/2/2022		2.5

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	150	
5/19/2016	150	
7/29/2016	146	
9/23/2016	163	
11/9/2016	147	
1/30/2017	127	
3/30/2017	137	
6/9/2017	164	
10/2/2017	137	
3/16/2018	140	
9/17/2018	162	
3/20/2019	175	
9/12/2019	174	
3/11/2020	172	
9/15/2020	156	
3/16/2021	155	
8/9/2021	150	
2/1/2022		143

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	259	
5/20/2016	122	
7/29/2016	156	
9/23/2016	150	
11/9/2016	87	
1/31/2017	63	
3/30/2017	112	
6/12/2017	216	
10/2/2017	<25	
3/19/2018	295	
9/14/2018	30	
3/20/2019	49	
9/12/2019	44	
3/11/2020	309	
9/15/2020	28	
3/17/2021	211	
8/9/2021	207	
2/1/2022		202

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	174	
5/19/2016	93	
7/29/2016	68	
9/22/2016	91	
11/10/2016	96	
1/31/2017	206	
4/3/2017	118	
6/9/2017	87	
10/2/2017	73	
3/16/2018	130	
9/14/2018	103	
3/19/2019	208	
9/13/2019	113	
3/11/2020	170	
9/15/2020	89	
3/16/2021	102	
8/9/2021	127	
2/1/2022		114

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	114 (D)	
7/27/2016	107 (D)	
2/21/2017	229 (D)	
3/27/2017	239 (D)	
6/8/2017	179 (D)	
7/17/2017	180 (D)	
7/27/2017	190 (D)	
8/9/2017	153 (D)	
9/29/2017	173 (D)	
3/16/2018	150	
9/14/2018	165	
3/14/2019	154	
9/10/2019	181	
3/9/2020	173	
9/16/2020	156	
3/16/2021	142	
8/6/2021	133	
2/2/2022		143

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	106	
5/11/2016	58	
7/19/2016	46	
9/15/2016	41	
11/2/2016	37	
1/18/2017	29	
3/28/2017	40	
9/26/2017	107	
3/14/2018	126	
9/12/2018	134	
3/15/2019	107	
9/9/2019	93	
3/9/2020	58	
9/10/2020	16	
3/12/2021	55	
8/4/2021	60	
1/31/2022		61

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<25	
5/23/2016	<25	
7/29/2016	17 (J)	
9/22/2016	33	
11/10/2016	41	
1/31/2017	58	
3/30/2017	<25	
6/12/2017	20 (J)	
10/4/2017	<25	
3/19/2018	<25	
9/17/2018	32	
3/20/2019	30	
9/13/2019	19	
3/11/2020	24	
3/29/2021	76	
8/9/2021	95	
2/2/2022		104

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	107	
5/11/2016	80	
7/21/2016	76	
9/19/2016	108	
11/3/2016	90	
1/17/2017	128	
3/24/2017	91	
5/24/2017	152	
9/26/2017	103	
3/14/2018	123	
9/12/2018	105	
3/13/2019	130	
9/9/2019	108	
3/9/2020	131	
9/11/2020	102	
3/10/2021	60	
8/4/2021	66	
1/31/2022		81

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	110	
5/12/2016	49	
7/20/2016	72	
9/15/2016	18 (J)	
11/3/2016	70	
1/18/2017	63	
3/24/2017	63	
6/6/2017	128	
9/25/2017	109	
3/14/2018	192	
9/12/2018	82	
3/14/2019	119	
9/10/2019	36	
3/6/2020	137	
9/10/2020	35	
3/11/2021	101	
8/4/2021	77	
1/31/2022		63

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	78	
5/13/2016	178	
7/21/2016	168	
9/21/2016	123	
11/3/2016	157	
1/17/2017	170	
3/27/2017	158	
6/6/2017	212	
9/25/2017	145	
3/14/2018	210	
9/12/2018	159	
3/14/2019	157	
9/10/2019	113	
3/9/2020	249	
9/10/2020	111	
3/10/2021	148	
8/4/2021	176	
1/31/2022		184

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	139	
5/16/2016	112	
7/22/2016	136	
9/19/2016	121	
11/3/2016	132	
1/17/2017	150	
3/27/2017	148	
6/7/2017	181	
9/26/2017	113	
3/14/2018	134	
9/14/2018	139	
3/14/2019	157	
9/10/2019	105	
3/6/2020	143	
9/10/2020	120	
3/11/2021	109	
8/4/2021	141	
1/31/2022		132

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	69	
5/13/2016	88	
7/19/2016	56	
9/16/2016	31	
11/2/2016	48	
1/18/2017	44	
3/28/2017	<35	
6/6/2017	36	
9/22/2017	41	
3/14/2018	<35	
9/12/2018	<35	
3/13/2019	31	
9/11/2019	21	
3/9/2020	51	
9/11/2020	31	
3/11/2021	14	
8/6/2021	33	
1/31/2022		25

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	144	
5/13/2016	142	
7/19/2016	135	
9/16/2016	144	
11/2/2016	152	
1/18/2017	125	
3/28/2017	109	
6/6/2017	154	
9/22/2017	157	
3/15/2018	117	
9/12/2018	151	
3/13/2019	152	
9/11/2019	151	
3/9/2020	174	
9/14/2020	146	
3/11/2021	98	
8/5/2021	126	
1/31/2022		128

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	329 (D)	
4/7/2017	295 (D)	
6/14/2017	237 (D)	
7/12/2017	400 (D)	
7/20/2017	203 (D)	
7/28/2017	262 (D)	
8/9/2017	195 (D)	
8/24/2017	236 (D)	
10/3/2017	224 (D)	
3/21/2018	237	
9/18/2018	227	
3/21/2019	367 (D)	
9/12/2019	200 (D)	
3/12/2020	247	
9/17/2020	223	
3/16/2021	196	
8/10/2021	238	
2/3/2022		243

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	<10	
5/23/2016	32	
8/1/2016	<10	
9/26/2016	45	
11/10/2016	38	
1/30/2017	<10	
4/7/2017	18 (J)	
6/12/2017	15 (J)	
10/2/2017	17 (J)	
3/16/2018	<10	
9/17/2018	38	
3/19/2019	34	
9/13/2019	19	
3/11/2020	17	
9/16/2020	20	
3/17/2021	<10	
8/9/2021	14	
2/1/2022		21

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	46	
5/25/2016	57	
8/1/2016	<10	
9/26/2016	60	
11/11/2016	13 (J)	
1/30/2017	<10	
4/3/2017	100	
6/12/2017	51	
10/2/2017	32	
3/16/2018	<10	
9/18/2018	15 (J)	
3/19/2019	48	
9/12/2019	46	
3/11/2020	24	
9/15/2020	12	
3/17/2021	31	
8/9/2021	<10	
2/2/2022		15

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	122	
5/26/2016	143	
8/5/2016	143	
9/28/2016	160	
11/22/2016	149	
2/7/2017	123	
4/10/2017	95	
6/14/2017	150	
10/4/2017	140	
3/20/2018	93	
9/18/2018	155	
3/22/2019	95	
9/17/2019	165	
3/12/2020	63	
9/17/2020	140	
3/18/2021	74	
8/10/2021	120	
2/4/2022		102

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	135	
5/26/2016	163	
8/3/2016	159	
9/28/2016	208	
11/22/2016	152	
2/7/2017	128	
4/10/2017	186	
6/14/2017	150	
10/4/2017	153	
3/21/2018	192	
9/18/2018	155	
3/22/2019	140	
9/17/2019	172	
3/12/2020	81	
9/17/2020	125	
3/18/2021	62	
8/11/2021	138	
2/4/2022		156

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	79	
5/26/2016	105	
8/3/2016	106	
9/28/2016	148	
11/22/2016	88	
2/8/2017	62	
4/10/2017	92	
6/15/2017	96	
10/4/2017	78	
3/21/2018	111	
9/18/2018	106	
3/23/2019	64	
9/17/2019	101	
3/12/2020	96	
9/21/2020	93	
3/19/2021	79	
8/11/2021	53	
2/4/2022		120

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	135	
5/26/2016	124	
8/4/2016	109	
9/28/2016	104	
11/22/2016	94	
2/8/2017	141 (J)	
4/10/2017	114	
6/15/2017	153	
10/4/2017	121	
3/22/2018	139	
9/18/2018	139	
3/23/2019	148	
9/17/2019	143	
3/12/2020	125	
9/21/2020	145	
3/19/2021	135	
8/11/2021	149	
2/4/2022		157

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	58	
5/27/2016	66	
8/3/2016	65	
9/30/2016	60	
11/22/2016	63	
2/13/2017	104 (J)	
4/11/2017	63	
6/14/2017	97	
10/4/2017	74	
3/22/2018	54	
9/18/2018	73	
3/23/2019	58	
9/17/2019	62	
3/12/2020	64	
9/21/2020	62	
3/19/2021	53	
8/11/2021	58	
2/2/2022		54

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	156	
5/31/2016	192	
8/4/2016	269	
9/29/2016	288	
11/28/2016	224	
2/9/2017	386	
4/12/2017	254	
6/16/2017	309	
10/9/2017	269	
3/21/2018	211	
9/19/2018	222	
3/23/2019	135	
9/18/2019	200	
3/13/2020	143	
9/22/2020	176	
3/18/2021	82	
8/11/2021	131	
2/17/2022		119

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	110	
6/1/2016	121	
2/22/2017	311	
4/11/2017	212	
6/16/2017	262	
7/12/2017	310	
7/28/2017	289	
8/10/2017	288	
10/6/2017	268	
3/23/2018	281	
9/20/2018	297	
3/22/2019	249	
9/18/2019	281	
3/17/2020	256	
9/22/2020	248	
3/19/2021	250	
8/12/2021	263	
2/4/2022		262

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	42	
6/1/2016	63	
8/9/2016	267	
11/28/2016	116	
2/9/2017	212 (J)	
4/11/2017	113	
6/14/2017	120	
7/12/2017	153	
10/5/2017	102	
3/22/2018	115	
9/19/2018	114	
3/22/2019	104	
9/17/2019	86	
3/13/2020	59	
9/21/2020	94	
3/18/2021	57	
8/11/2021	77	
2/4/2022		92

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	103	
5/31/2016	157	
8/4/2016	154	
9/29/2016	142	
11/23/2016	172	
2/10/2017	237	
4/12/2017	168	
6/15/2017	176	
10/6/2017	155	
3/23/2018	170	
9/19/2018	181	
3/25/2019	167	
9/17/2019	179	
3/13/2020	169	
9/21/2020	186	
3/18/2021	153	
8/11/2021	181	
2/4/2022		162

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	53	
5/31/2016	70	
11/23/2016	118	
2/10/2017	214	
4/11/2017	127	
6/15/2017	126	
7/12/2017	164	
7/26/2017	129	
10/6/2017	140	
3/23/2018	119	
9/19/2018	138	
3/22/2019	116	
9/17/2019	117	
3/13/2020	76	
9/21/2020	122	
3/18/2021	54	
8/11/2021	122	
2/7/2022		121

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<36	
5/16/2016	35	
7/25/2016	24 (J)	
9/19/2016	19 (J)	
11/3/2016	34	
1/19/2017	13 (J)	
3/28/2017	<36	
6/5/2017	206	
7/20/2017	72	
9/26/2017	35	
3/15/2018	41	
9/12/2018	<36	
3/14/2019	110	
9/11/2019	58	
3/10/2020	127	
9/15/2020	56	
3/11/2021	43	
8/4/2021	62	
1/31/2022		63

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<10 (D)	
5/16/2016	<10 (D)	
7/25/2016	16 (JD)	
9/19/2016	12 (JD)	
11/4/2016	13 (JD)	
1/23/2017	15 (JD)	
3/29/2017	<10 (D)	
6/7/2017	26	
9/27/2017	<10	
3/15/2018	<10	
9/13/2018	<10	
3/14/2019	39 (D)	
9/11/2019	<10 (D)	
3/10/2020	60	
9/11/2020	11	
3/11/2021	12	
8/6/2021	17	
2/1/2022		70

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	89 (D)	
5/16/2016	169 (D)	
7/25/2016	159 (D)	
9/19/2016	152 (D)	
11/3/2016	150 (D)	
1/20/2017	152 (D)	
3/29/2017	143 (D)	
6/7/2017	192	
9/27/2017	159	
3/15/2018	146	
9/13/2018	185	
3/14/2019	195 (D)	
9/11/2019	172 (D)	
3/10/2020	245	
9/11/2020	146	
3/11/2021	167	
8/6/2021	186	
2/1/2022		201

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	253	
5/17/2016	251	
7/26/2016	249	
9/20/2016	195	
11/4/2016	209	
1/20/2017	211	
3/28/2017	199	
6/7/2017	251	
9/29/2017	255	
3/15/2018	231	
9/13/2018	263	
3/18/2019	251	
9/11/2019	234	
3/10/2020	273	
9/14/2020	232	
3/11/2021	209	
8/5/2021	210	
1/31/2022		197

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	152	
5/18/2016	123	
7/27/2016	113	
9/20/2016	126	
11/7/2016	167	
1/23/2017	125	
3/29/2017	116	
6/8/2017	131	
9/27/2017	117	
3/15/2018	102	
9/13/2018	144	
3/15/2019	125	
9/12/2019	121	
3/9/2020	147	
9/14/2020	129	
3/11/2021	106	
8/5/2021	90	
2/1/2022		107

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	149	
5/18/2016	162	
7/27/2016	132	
9/20/2016	155	
11/4/2016	169	
1/20/2017	135	
3/29/2017	147	
6/8/2017	159	
9/27/2017	167	
3/16/2018	141	
9/13/2018	175	
3/19/2019	154	
9/11/2019	164	
3/9/2020	44	
9/15/2020	108	
3/11/2021	143	
8/5/2021	142	
2/1/2022		157

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	63	
5/17/2016	<31	
7/27/2016	11 (J)	
9/20/2016	14 (J)	
11/4/2016	27	
1/23/2017	15 (J)	
3/28/2017	<31	
6/8/2017	29	
9/29/2017	21 (J)	
3/15/2018	<31	
9/13/2018	<31	
3/15/2019	41	
9/11/2019	20	
3/9/2020	100	
9/14/2020	47	
3/11/2021	40	
8/4/2021	34	
1/31/2022		31

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	103	
5/18/2016	129	
7/27/2016	108	
9/21/2016	102	
11/4/2016	130	
1/24/2017	152	
3/29/2017	95	
6/8/2017	176	
9/29/2017	118	
3/15/2018	88	
9/13/2018	137	
3/18/2019	170	
9/11/2019	138	
3/11/2020	125	
9/11/2020	127	
3/15/2021	107	
8/11/2021	116	
2/1/2022		125

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	31	
5/18/2016	43	
7/28/2016	43	
9/21/2016	<10	
11/7/2016	50	
1/24/2017	63	
3/30/2017	<10	
6/9/2017	20 (J)	
9/29/2017	22 (J)	
3/15/2018	<10	
9/14/2018	29	
3/19/2019	35	
9/11/2019	27	
3/9/2020	51	
9/14/2020	25	
3/15/2021	30	
8/5/2021	<10	
2/1/2022		27

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	<10	
5/25/2016	34	
8/1/2016	25	
9/27/2016	20 (J)	
11/11/2016	41	
1/31/2017	127	
4/3/2017	69	
6/12/2017	46	
10/3/2017	34	
3/19/2018	<10	
9/17/2018	38	
3/20/2019	66	
9/16/2019	45	
3/16/2020	20	
9/16/2020	30	
3/17/2021	15	
8/9/2021	<10	
2/2/2022		32

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	51	
5/24/2016	76	
8/1/2016	69	
9/26/2016	103	
11/18/2016	77	
2/1/2017	168	
4/6/2017	95	
6/13/2017	101	
10/3/2017	83	
3/19/2018	70	
9/17/2018	77	
3/21/2019	80	
9/16/2019	82	
3/12/2020	42	
9/16/2020	77	
3/17/2021	47	
8/10/2021	53	
2/2/2022		73

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	64	
5/24/2016	77	
8/1/2016	35	
9/26/2016	111	
11/14/2016	76	
2/1/2017	126	
4/6/2017	146	
6/13/2017	84	
10/3/2017	70	
3/20/2018	78	
9/17/2018	74	
3/21/2019	60	
9/16/2019	65	
3/12/2020	22	
9/16/2020	52	
3/17/2021	43	
8/10/2021	<10	
2/2/2022		51

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	120	
8/2/2016	100	
9/27/2016	121	
11/21/2016	164	
2/1/2017	144	
4/6/2017	125	
6/13/2017	148	
7/14/2017	121	
10/3/2017	117	
3/20/2018	136	
9/18/2018	116	
3/21/2019	107	
9/13/2019	115	
3/12/2020	86	
9/16/2020	124	
3/17/2021	112	
8/10/2021	101	
2/2/2022		115

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	104	
5/24/2016	94	
8/2/2016	105	
9/27/2016	119	
11/22/2016	105	
2/6/2017	99	
4/6/2017	124	
6/14/2017	114	
10/4/2017	107	
3/21/2018	117	
9/18/2018	110	
3/27/2019	101	
9/16/2019	113	
3/12/2020	84	
9/17/2020	111	
3/17/2021	113	
8/10/2021	112	
2/2/2022		102

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	111	
5/25/2016	95	
8/2/2016	124	
9/26/2016	140	
11/21/2016	154	
2/3/2017	113	
4/7/2017	147	
6/13/2017	117	
10/3/2017	150	
3/20/2018	121	
9/18/2018	93	
5/6/2019	118	
9/16/2019	99	
3/16/2020	76	
9/17/2020	98	
3/18/2021	48	
8/10/2021	92	
2/2/2022		85

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:42 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	26	
5/26/2016	70	
8/5/2016	95	
9/28/2016	152	
11/21/2016	145	
2/6/2017	20 (J)	
4/6/2017	17 (J)	
6/13/2017	32	
10/3/2017	71	
3/20/2018	49	
9/18/2018	38	
3/21/2019	39	
9/16/2019	85	
3/12/2020	16	
9/17/2020	94	
3/18/2021	<10	
8/10/2021	22	
2/2/2022		21

FIGURE P.

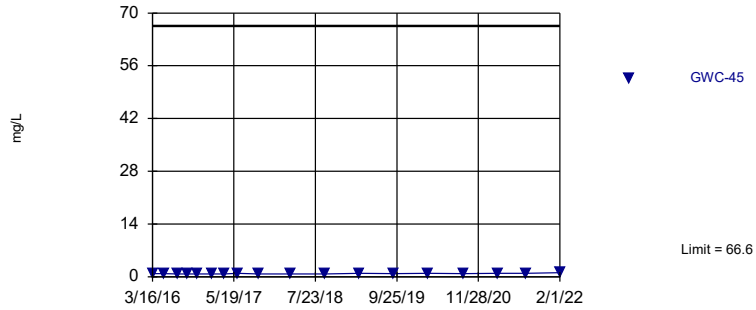
Appendix III Interwell Prediction Limits - Two Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 6:46 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>TransformAlpha</u>	<u>Method</u>
Calcium, total (mg/L)	GWC-45	66.6	n/a	2/1/2022	1.1	No	271	n/a	n/a	0	n/a	n/a	0.00004896 NP Inter (normality) 1 of 2
Sulfate, total (mg/L)	GWC-45R	147	n/a	2/1/2022	6.1	No	271	n/a	n/a	6.642	n/a	n/a	0.00004896 NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/l)	GWC-45	400	n/a	2/1/2022	70	No	268	n/a	n/a	6.716	n/a	n/a	0.00004896 NP Inter (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

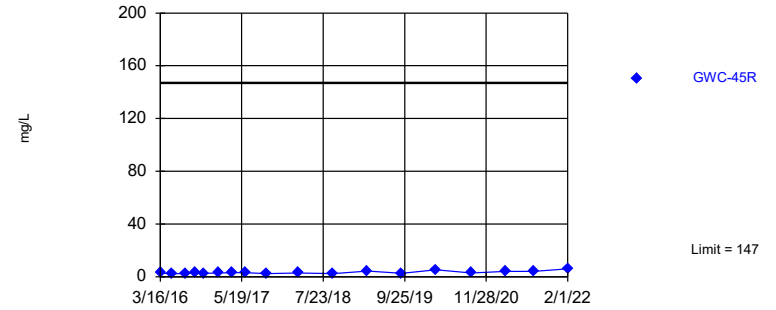


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 271 background values. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Calcium, total Analysis Run 4/1/2022 6:44 PM View: Appendix III Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Interwell Non-parametric

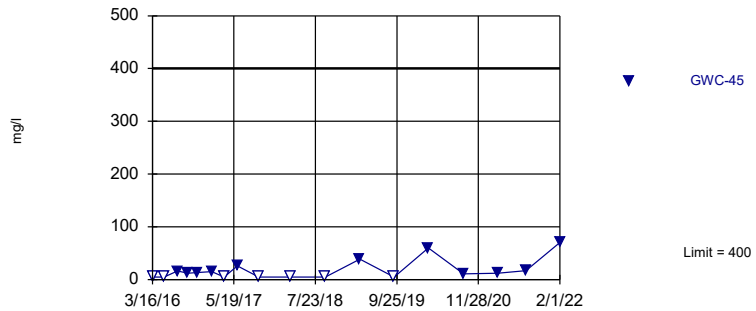


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 271 background values. 6.642% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Sulfate, total Analysis Run 4/1/2022 6:44 PM View: Appendix III Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 268 background values. 6.716% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/1/2022 6:44 PM View: Appendix III Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-40 (bg)	GWC-45	GWA-1 (bg)
3/11/2016	30	13	31						
3/14/2016				20					
3/15/2016					38	24	24		
3/16/2016								0.8 (D)	
3/22/2016									32.6
3/23/2016									
3/28/2016									
5/11/2016				9.76			22.1		
5/12/2016						15.5			
5/13/2016	27.8	18.7			36				
5/16/2016			32					0.877 (D)	
5/19/2016									33.4
5/20/2016									
5/23/2016									
5/25/2016									
7/19/2016	25.3	12		3.04					
7/20/2016						16.5			
7/21/2016					33.5		19.3		
7/22/2016			28.5						
7/25/2016								0.781 (D)	
7/27/2016									
7/29/2016									26
8/1/2016									
9/15/2016				4.78		6.1	18.2		
9/16/2016	27.5	8.48							
9/19/2016			28.6					0.775 (D)	
9/21/2016					31.9				
9/22/2016									
9/23/2016									28.8
9/26/2016									
11/2/2016	26.2	11.4		2.46					
11/3/2016			26.6		28.9	13.7	18.2		
11/4/2016								0.792 (D)	
11/9/2016									27.9
11/10/2016									
11/11/2016									
1/17/2017			28.7		31.4		22		
1/18/2017	26.6	6.81		5.46		13.1			
1/23/2017								0.782 (D)	
1/30/2017									29.2
1/31/2017									
2/21/2017									
2/22/2017									
3/24/2017						17.3	21.1		
3/27/2017			30.4		31.7				
3/28/2017	29	5.61		13					
3/29/2017								0.756 (D)	
3/30/2017									30
4/3/2017									
4/7/2017									
5/24/2017							23.5		
6/6/2017	29.3	4.99			42.9	29.1			

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
3/11/2016							
3/14/2016							
3/15/2016							
3/16/2016							
3/22/2016							
3/23/2016	2.05	46.5	54.1				
3/28/2016				7.04	3.89		
5/11/2016							
5/12/2016							
5/13/2016							
5/16/2016						27.8 (D)	
5/19/2016		24.6					
5/20/2016			23.9				
5/23/2016	1.29				2.16		
5/25/2016				13.5			
7/19/2016							
7/20/2016							
7/21/2016							
7/22/2016							
7/25/2016							
7/27/2016						21.2 (D)	
7/29/2016	1.29	14.9	25.3				
8/1/2016				2.2	1.37		
9/15/2016							
9/16/2016							
9/19/2016							
9/21/2016							
9/22/2016	1.51	15					
9/23/2016			26.6				
9/26/2016				5.72	1.86		
11/2/2016							
11/3/2016							
11/4/2016							
11/9/2016			16.1				
11/10/2016	1.54	12.6			1.86		
11/11/2016				2.5			
1/17/2017							
1/18/2017							
1/23/2017							
1/30/2017				2.01	2.86		
1/31/2017	1.34	16.5	5.68				
2/21/2017						31.7 (D)	
2/22/2017							54.7 (D)
3/24/2017							
3/27/2017						31.9 (D)	
3/28/2017							
3/29/2017							
3/30/2017	1.31		25.2				
4/3/2017		16.6		6.26			
4/7/2017					2.34		46.8 (D)
5/24/2017							
6/6/2017							

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
6/7/2017							
6/8/2017						35 (D)	
6/9/2017		17.8					
6/12/2017	1.4		34.2	7.44	1.87		
6/14/2017							52.4 (D)
7/12/2017							51.1 (D)
7/17/2017						35.9 (D)	
7/20/2017							47.5 (D)
7/27/2017						34.9 (D)	
7/28/2017							44 (D)
8/9/2017						33.7 (D)	48.3 (D)
8/24/2017							41.9 (D)
9/22/2017							
9/25/2017							
9/26/2017							
9/27/2017							
9/29/2017						33.4 (D)	
10/2/2017		20.6	1.69	6.55	2.53		
10/3/2017							47.7 (D)
10/4/2017	1.13						
12/28/2017							
3/14/2018							
3/15/2018							
3/16/2018		33		2.6	1.8	32.6	
3/19/2018	1.2		63				
3/21/2018							47.5
9/12/2018							
9/13/2018							
9/14/2018		22.8 (J)	2.4			29.2	
9/17/2018	0.95				2.3		
9/18/2018				1.3			48.1
3/13/2019							
3/14/2019						33	
3/15/2019							
3/19/2019		59.2		4.6	4.2		
3/20/2019	0.96		4.3				
3/21/2019							49.9 (D)
9/9/2019							
9/10/2019						33.8	
9/11/2019							
9/12/2019			1.8	3.7			49.9 (D)
9/13/2019	0.94	27			1.9		
3/6/2020							
3/9/2020						35.6	
3/10/2020							
3/11/2020	1	46.8	66.6	1.2	1.6		
3/12/2020							54.2
9/10/2020							
9/11/2020							
9/14/2020							
9/15/2020		21.4	18.4	0.94 (J)			
9/16/2020					1.7	34.9	

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
9/17/2020							48.4
3/10/2021							
3/11/2021							
3/12/2021							
3/16/2021		26.7				32.4	53.7
3/17/2021			40.4	5.4	1.4		
3/29/2021	19						
8/4/2021							
8/5/2021							
8/6/2021						33	
8/9/2021	19.4	31.5	41	1.7	1.5		
8/10/2021							56.5
1/31/2022							
2/1/2022		34.1	48		1.5		
2/2/2022	22.6			0.93 (J)		32.6	
2/3/2022							57.7

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-40 (bg)	GWC-45R	GWA-1 (bg)
3/11/2016	3.8282	1.1313	1.4538						
3/14/2016				4.2598					
3/15/2016					6.4987	4.9347	1.2104		
3/16/2016								2.8721 (D)	
3/22/2016									2.3685
3/23/2016									
3/28/2016									
5/11/2016				6.05			1.28		
5/12/2016						2.3			
5/13/2016	3.56	1.96			3.68				
5/16/2016			1.18					2.27 (D)	
5/19/2016									2.14
5/20/2016									
5/23/2016									
5/25/2016									
7/19/2016	5.6	1.3		9.5					
7/20/2016						2			
7/21/2016					4.5		0.91 (J)		
7/22/2016			1.8						
7/25/2016								2.6 (D)	
7/27/2016									
7/29/2016									1.9
8/1/2016									
9/15/2016				6.7		1.1			
9/16/2016	6.7	1.1							
9/19/2016			1.4				1.3	2.8 (D)	
9/21/2016					2.8				
9/22/2016									
9/23/2016									2
9/26/2016									
11/2/2016	8.1	1.2		5.4					
11/3/2016			1.6		6.7	1.6	1.5	2.6 (D)	
11/9/2016									1.6
11/10/2016									
11/11/2016									
1/17/2017			<1 (*)		<1 (*)		<1 (*)		
1/18/2017	8.9	0.84 (J)		5.5		1.5			
1/20/2017								2.8 (D)	
1/30/2017									1.8
1/31/2017									
2/21/2017									
2/22/2017									
3/24/2017						1.6	0.86 (J)		
3/27/2017			2		0.85 (J)				
3/28/2017	8.2	0.7 (J)		2.9					
3/29/2017								3.1 (D)	
3/30/2017									1.6
4/3/2017									
4/7/2017									
5/24/2017							1.2		
6/6/2017	7	0.47 (J)			6.1	4.1			
6/7/2017			1.9	2.3				3.2	

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
3/11/2016							
3/14/2016							
3/15/2016							
3/16/2016							
3/22/2016							
3/23/2016	0.8724 (J)	26.8249	105.552				
3/28/2016				0.9594 (J)	0.7283 (J)		
5/11/2016							
5/12/2016							
5/13/2016							
5/16/2016						2.4 (D)	
5/19/2016		3.81					
5/20/2016			44.3				
5/23/2016	0.805 (J)				0.728 (J)		
5/25/2016				1.59			
7/19/2016							
7/20/2016							
7/21/2016							
7/22/2016							
7/25/2016							
7/27/2016						3.6 (D)	
7/29/2016	0.84 (J)	1.1	48				
8/1/2016				1	0.78 (J)		
9/15/2016							
9/16/2016							
9/19/2016							
9/21/2016							
9/22/2016	0.94 (J)	0.96 (J)					
9/23/2016			43				
9/26/2016				1.2	0.82 (J)		
11/2/2016							
11/3/2016							
11/9/2016			31				
11/10/2016	1.1	0.72 (J)			0.92 (J)		
11/11/2016				1.2			
1/17/2017							
1/18/2017							
1/20/2017							
1/30/2017				<1	<1		
1/31/2017	0.92 (J)	1.5	4.2				
2/21/2017						26 (D)	
2/22/2017							22 (D)
3/24/2017							
3/27/2017						10 (D)	
3/28/2017							
3/29/2017							
3/30/2017	0.77 (J)		53				
4/3/2017		1.3		1.3			
4/7/2017					0.82 (J)		18 (D)
5/24/2017							
6/6/2017							
6/7/2017							

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
3/10/2021							
3/11/2021							
3/12/2021							
3/16/2021		3.3				3.5	22.1
3/17/2021			90.7	0.86 (J)	<1		
3/29/2021	5.4						
8/4/2021							
8/5/2021							
8/6/2021						4.2	
8/9/2021	5	1.6	84.7	0.77 (J)	<1		
8/10/2021							20.7
1/31/2022							
2/1/2022		1.5	86.1		<1		
2/2/2022	3.4			0.53 (J)		4.5	
2/3/2022							20.7

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-40 (bg)	GWC-45	GWA-1 (bg)
3/11/2016	144	69	139						
3/14/2016				106					
3/15/2016					78	110	107		
3/16/2016								<10 (D)	
3/22/2016									150
3/23/2016									
3/28/2016									
5/11/2016				58			80		
5/12/2016						49			
5/13/2016	142	88			178				
5/16/2016			112					<10 (D)	
5/19/2016									150
5/20/2016									
5/23/2016									
5/25/2016									
7/19/2016	135	56		46					
7/20/2016						72			
7/21/2016					168		76		
7/22/2016			136						
7/25/2016								16 (JD)	
7/27/2016									
7/29/2016									146
8/1/2016									
9/15/2016				41		18 (J)			
9/16/2016	144	31							
9/19/2016			121				108	12 (JD)	
9/21/2016					123				
9/22/2016									
9/23/2016									163
9/26/2016									
11/2/2016	152	48		37					
11/3/2016			132		157	70	90		
11/4/2016								13 (JD)	
11/9/2016									147
11/10/2016									
11/11/2016									
1/17/2017			150		170		128		
1/18/2017	125	44		29		63			
1/23/2017								15 (JD)	
1/30/2017									127
1/31/2017									
2/21/2017									
2/22/2017									
3/24/2017						63	91		
3/27/2017			148		158				
3/28/2017	109	<10		40					
3/29/2017								<10 (D)	
3/30/2017									137
4/3/2017									
4/7/2017									
5/24/2017							152		
6/6/2017	154	36			212	128			

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
3/11/2016							
3/14/2016							
3/15/2016							
3/16/2016							
3/22/2016							
3/23/2016	<10	174	259				
3/28/2016				<10	46		
5/11/2016							
5/12/2016							
5/13/2016							
5/16/2016						114 (D)	
5/19/2016		93					
5/20/2016			122				
5/23/2016	<10			32			
5/25/2016					57		
7/19/2016							
7/20/2016							
7/21/2016							
7/22/2016							
7/25/2016							
7/27/2016						107 (D)	
7/29/2016	17 (J)	68	156				
8/1/2016				<10	<10		
9/15/2016							
9/16/2016							
9/19/2016							
9/21/2016							
9/22/2016	33	91					
9/23/2016			150				
9/26/2016				45	60		
11/2/2016							
11/3/2016							
11/4/2016							
11/9/2016			87				
11/10/2016	41	96		38			
11/11/2016					13 (J)		
1/17/2017							
1/18/2017							
1/23/2017							
1/30/2017				<10	<10		
1/31/2017	58	206	63				
2/21/2017						229 (D)	
2/22/2017							329 (D)
3/24/2017							
3/27/2017						239 (D)	
3/28/2017							
3/29/2017							
3/30/2017	<10		112				
4/3/2017		118			100		
4/7/2017				18 (J)			295 (D)
5/24/2017							
6/6/2017							

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
6/7/2017							
6/8/2017						179 (D)	
6/9/2017		87					
6/12/2017	20 (J)		216	15 (J)	51		
6/14/2017							237 (D)
7/12/2017							400 (D)
7/17/2017						180 (D)	
7/20/2017							203 (D)
7/27/2017						190 (D)	
7/28/2017							262 (D)
8/9/2017						153 (D)	195 (D)
8/24/2017							236 (D)
9/22/2017							
9/25/2017							
9/26/2017							
9/27/2017							
9/29/2017						173 (D)	
10/2/2017		73	<10	17 (J)	32		
10/3/2017							224 (D)
10/4/2017	<10						
3/14/2018							
3/15/2018							
3/16/2018		130		<10	<10	150	
3/19/2018	<10		295				
3/21/2018							237
9/12/2018							
9/13/2018							
9/14/2018		103	30			165	
9/17/2018	32			38			
9/18/2018					15 (J)		227
3/13/2019							
3/14/2019						154	
3/15/2019							
3/19/2019		208		34	48		
3/20/2019	30		49				
3/21/2019							367 (D)
9/9/2019							
9/10/2019						181	
9/11/2019							
9/12/2019			44		46		200 (D)
9/13/2019	19	113		19			
3/6/2020							
3/9/2020						173	
3/10/2020							
3/11/2020	24	170	309	17	24		
3/12/2020							247
9/10/2020							
9/11/2020							
9/14/2020							
9/15/2020		89	28		12		
9/16/2020				20		156	
9/17/2020							223

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 4/1/2022 6:46 PM View: Appendix III Two-Step
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
3/10/2021							
3/11/2021							
3/12/2021							
3/16/2021		102				142	196
3/17/2021			211	<10	31		
3/29/2021	76						
8/4/2021							
8/5/2021							
8/6/2021						133	
8/9/2021	95	127	207	14	<10		
8/10/2021							238
1/31/2022							
2/1/2022		114	202	21			
2/2/2022	104				15	143	
2/3/2022							243

FIGURE Q.

Appendix III Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 4:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Chloride, Total (mg/L)	GWC-13RZ	4.346	n/a	2/4/2022	6.1	Yes	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894 Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-48	4.346	n/a	1/31/2022	4.8	Yes	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894 Param Inter 1 of 2
pH (pH_units)	GWC-44	8.04	5.07	1/31/2022	4.78	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793 NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45	8.04	5.07	2/1/2022	4.88	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793 NP Inter (normality) 1 of 2
pH (pH_units)	GWC-48	8.04	5.07	1/31/2022	4.86	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793 NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49Z	8.04	5.07	2/1/2022	5	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793 NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8RR	8.04	5.07	2/2/2022	8.13	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793 NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8Z	8.04	5.07	2/2/2022	8.92	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793 NP Inter (normality) 1 of 2
pH (pH_units)	GWC-9	8.04	5.07	2/2/2022	4.81	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793 NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/1/2022, 4:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Chloride, Total (mg/L)	GWC-10	4.346	n/a	2/4/2022	1.9	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-10R	4.346	n/a	2/4/2022	2.2	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-11	4.346	n/a	2/4/2022	1.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-11R	4.346	n/a	2/4/2022	1.4	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-12	4.346	n/a	2/2/2022	0.79J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-13	4.346	n/a	2/17/2022	3.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-13RZ	4.346	n/a	2/4/2022	6.1	Yes	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-14Z	4.346	n/a	2/4/2022	3.6	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-15R	4.346	n/a	2/4/2022	1.2	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-15Z	4.346	n/a	2/7/2022	0.6J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-44	4.346	n/a	1/31/2022	4.2	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-45	4.346	n/a	2/1/2022	0.79J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-45R	4.346	n/a	2/1/2022	4.3	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-46R	4.346	n/a	1/31/2022	1.7	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-47	4.346	n/a	2/1/2022	2	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-47R	4.346	n/a	2/1/2022	2.3	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-48	4.346	n/a	1/31/2022	4.8	Yes	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-49R	4.346	n/a	2/1/2022	1.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-49Z	4.346	n/a	2/1/2022	0.93J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-5	4.346	n/a	2/2/2022	0.66J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-6	4.346	n/a	2/2/2022	1.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-6RZ	4.346	n/a	2/2/2022	1.3	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-7Z	4.346	n/a	2/2/2022	0.76J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-8RR	4.346	n/a	2/2/2022	0.77J	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-8Z	4.346	n/a	2/2/2022	1.4	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
Chloride, Total (mg/L)	GWC-9	4.346	n/a	2/2/2022	2.1	No	269	0.4515	0.4724	2.23	None	ln(x)	0.0002894	Param Inter 1 of 2
pH (pH_units)	GWC-10	8.04	5.07	2/4/2022	6.53	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-10R	8.04	5.07	2/4/2022	7.69	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-11	8.04	5.07	2/4/2022	7.2	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-11R	8.04	5.07	2/4/2022	7.58	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-12	8.04	5.07	2/2/2022	6.35	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-13	8.04	5.07	2/17/2022	7.24	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-13RZ	8.04	5.07	2/4/2022	7.46	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-14Z	8.04	5.07	2/4/2022	6.06	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-15R	8.04	5.07	2/4/2022	7.61	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-15Z	8.04	5.07	2/7/2022	7.83	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-44	8.04	5.07	1/31/2022	4.78	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45	8.04	5.07	2/1/2022	4.88	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45R	8.04	5.07	2/1/2022	7.15	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-46R	8.04	5.07	1/31/2022	7.48	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-47	8.04	5.07	2/1/2022	7.55	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-47R	8.04	5.07	2/1/2022	7.54	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-48	8.04	5.07	1/31/2022	4.86	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49R	8.04	5.07	2/1/2022	7.63	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49Z	8.04	5.07	2/1/2022	5	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-5	8.04	5.07	2/2/2022	5.9	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-6	8.04	5.07	2/2/2022	7.4	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-6RZ	8.04	5.07	2/2/2022	6.8	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-7Z	8.04	5.07	2/2/2022	7.54	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8RR	8.04	5.07	2/2/2022	8.13	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8Z	8.04	5.07	2/2/2022	8.92	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-9	8.04	5.07	2/2/2022	4.81	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:40 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWC-45	GWC-45R	GWC-44	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)	GWA-2 (bg)
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016	1.1671								
3/16/2016		0.9445 (D)	3.0774 (D)	6.505					
3/17/2016					1.4476	1.0624			
3/22/2016							1.4231	1.5101	
3/23/2016									2.4904
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016	0.8763								
5/12/2016									
5/13/2016									
5/16/2016		0.9104 (D)	3 (D)	5.08					
5/17/2016									
5/18/2016					1.43	1.41			
5/19/2016								1.5	
5/20/2016									1.71
5/23/2016									
5/24/2016									
5/25/2016							1.11		
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016	1.4								
7/22/2016									
7/25/2016		1.2 (D)	3 (D)	1.2					
7/26/2016									
7/27/2016					1.6				
7/28/2016						1.4			
7/29/2016								1.7	2
8/1/2016									
8/2/2016							1.5		
8/3/2016									
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016	1.1	1.1 (D)	3 (D)	1.9					
9/20/2016									
9/21/2016					1.6	1.2			
9/22/2016									
9/23/2016								1.8	1.8
9/26/2016							1.6		

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:40 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWC-45	GWC-45R	GWC-44	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)	GWA-2 (bg)
9/27/2016									
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016	1.2		3 (D)	2					
11/4/2016		1 (D)			1.6				
11/7/2016						1.4			
11/9/2016								2	1.6
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016							1.5		
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017	1								
1/18/2017									
1/19/2017				2.6					
1/20/2017			3.3 (D)						
1/23/2017		1.2 (D)							
1/24/2017					1.7	<1 (*)			
1/30/2017								1.5	
1/31/2017									1.3
2/1/2017									
2/3/2017							1.8		
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017	1.2								
3/27/2017									
3/28/2017				5.7					
3/29/2017		1.1 (D)	3.2 (D)		1.6				
3/30/2017						1.2		1.8	1.6
4/3/2017									
4/6/2017									
4/7/2017							1.5		
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017	1.5								
6/5/2017				7.8					
6/6/2017									
6/7/2017		1	3.1						
6/8/2017					1.6				
6/9/2017						1.1		1.6	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:40 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-50 (bg)	GWC-5	GWA-50R (bg)	GWC-6RZ	GWC-6	GWC-9	GWC-8RR
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016	1.6092	0.9079							
3/28/2016			1.14	0.8659	0.9204				
3/29/2016						1.6645	1.3977		
3/30/2016								2.21	0.9409
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016		0.9136							
5/20/2016									
5/23/2016	1.52		1.19						
5/24/2016						1.58	1.33		0.92
5/25/2016				0.8639	1.04				
5/26/2016								2.1	
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016	1.5	1.1							
8/1/2016			1.2	0.93	0.85	1.4	1.2		
8/2/2016									1.2
8/3/2016									
8/4/2016									
8/5/2016								2.4	
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016	1.4	1							
9/23/2016									
9/26/2016			1.1		0.87	1.4	1.1		

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:40 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-50 (bg)	GWC-5	GWA-50R (bg)	GWC-6RZ	GWC-6	GWC-9	GWC-8RR
9/27/2016				0.8					1.1
9/28/2016								2.1	
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016									
11/10/2016	1.6	1.2	1.3						
11/11/2016				0.95	0.99				
11/14/2016						1.6			
11/18/2016							1.2		
11/21/2016								2.2	
11/22/2016									1.2
11/23/2016									
11/28/2016									
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017			1.2		0.95				
1/31/2017	1.6	1.2		0.99					
2/1/2017						1.4	1.3		
2/3/2017									
2/6/2017								2.5	1.1
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017	1.4								
4/3/2017		0.99		0.93	0.88				
4/6/2017						1.5	1.1	2.2	1.2
4/7/2017			1.2						
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017		0.87							

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10	GWC-13	GWC-11R	GWC-11	GWC-12	GWC-13RZ	GWC-14Z	GWC-15Z
3/27/2019									
5/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019									
9/13/2019									
9/16/2019									
9/17/2019	2.8	2.4		1.4	1.1	0.835 (JD)		3.8	0.78 (X)
9/18/2019			4				7.6		
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020									
3/12/2020	3	2.3		1.5	1	0.84 (J)			
3/13/2020			3.3					4.2	0.7 (J)
3/16/2020									
3/17/2020							7.7		
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020									
9/16/2020									
9/17/2020	2.9	2.5							
9/21/2020				1.3	1	0.71 (J)		3.5	0.64 (J)
9/22/2020			3.5				7		
3/10/2021									
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021									
3/17/2021									
3/18/2021	2.5	2.1	3.4					4	0.67 (J)
3/19/2021				1.4	1.1	0.79 (J)	7.4		
3/29/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									
8/10/2021		1.9							
8/11/2021	2.1		2.9	1.3	0.9 (J)	0.72 (J)		3.4	<1
8/12/2021							5.8		
1/31/2022									
2/1/2022									
2/2/2022						0.79 (J)			
2/3/2022									
2/4/2022	2.2	1.9		1.4	1.1		6.1	3.6	
2/7/2022									0.6 (J)
2/17/2022			3.1						

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWA-41R (bg)	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
3/10/2016					
3/11/2016					
3/14/2016					
3/15/2016		6.1465 (o)			
3/16/2016					
3/17/2016					
3/22/2016					
3/23/2016					
3/28/2016					
3/29/2016					
3/30/2016					
3/31/2016					
4/4/2016					
4/5/2016	2.08				
5/11/2016					
5/12/2016					
5/13/2016		3.08			
5/16/2016			1.74 (D)		
5/17/2016					
5/18/2016					
5/19/2016					
5/20/2016					
5/23/2016					
5/24/2016					
5/25/2016					
5/26/2016					
5/27/2016					
5/31/2016	1.51			1.33	
6/1/2016					
7/19/2016					
7/20/2016					
7/21/2016		3.7			
7/22/2016					
7/25/2016					
7/26/2016					
7/27/2016			2.1 (D)		
7/28/2016					
7/29/2016					
8/1/2016					
8/2/2016				1.5	
8/3/2016					
8/4/2016	1.7				
8/5/2016					
8/9/2016					
9/15/2016					
9/16/2016					
9/19/2016					
9/20/2016					
9/21/2016		2.4			
9/22/2016					
9/23/2016					
9/26/2016					

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWA-41R (bg)	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
9/27/2016				1.4	
9/28/2016					
9/29/2016	1.5				
9/30/2016					
11/2/2016					
11/3/2016		3.4			
11/4/2016					
11/7/2016					
11/9/2016					
11/10/2016					
11/11/2016					
11/14/2016					
11/18/2016					
11/21/2016				1.5	
11/22/2016					
11/23/2016	1.9				
11/28/2016					
1/17/2017		1.9			
1/18/2017					
1/19/2017					
1/20/2017					
1/23/2017					
1/24/2017					
1/30/2017					
1/31/2017					
2/1/2017				1.5	
2/3/2017					
2/6/2017					
2/7/2017					
2/8/2017					
2/9/2017					
2/10/2017	1.5				
2/13/2017					
2/21/2017			4 (D)		
2/22/2017					3.7 (D)
3/24/2017					
3/27/2017		2.4	2.6 (D)		
3/28/2017					
3/29/2017					
3/30/2017					
4/3/2017					
4/6/2017				1.2	
4/7/2017					2.5 (D)
4/10/2017					
4/11/2017					
4/12/2017	1.7				
5/24/2017					
6/5/2017					
6/6/2017		4.5			
6/7/2017					
6/8/2017			2.1 (D)		
6/9/2017					

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWA-41R (bg)	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
6/12/2017					
6/13/2017				0.98	
6/14/2017					2.6 (D)
6/15/2017	1.4				
6/16/2017					
7/12/2017					2.8 (D)
7/14/2017				1.1	
7/17/2017			1.9 (D)		
7/20/2017					2.3 (D)
7/26/2017					
7/27/2017			3 (D)		
7/28/2017					2 (D)
8/9/2017			2.5 (D)		1.8 (D)
8/10/2017					
8/24/2017					2.9 (D)
9/22/2017					
9/25/2017		2.5			
9/26/2017					
9/27/2017					
9/29/2017			2.7 (D)		
10/2/2017					
10/3/2017				1	2.8 (D)
10/4/2017					
10/5/2017					
10/6/2017	1.6				
10/9/2017					
12/28/2017					
3/14/2018		4 (J)			
3/15/2018					
3/16/2018			2.6		
3/19/2018					
3/20/2018				1.5	
3/21/2018					2.9
3/22/2018					
3/23/2018	1.5				
9/12/2018		2.1			
9/13/2018					
9/14/2018			1.9		
9/17/2018					
9/18/2018				1.3	3.1
9/19/2018	1.7				
9/20/2018					
3/13/2019					
3/14/2019		2.9	2.8		
3/15/2019					
3/18/2019					
3/19/2019					
3/20/2019					
3/21/2019				<1	3.6 (D)
3/22/2019					
3/23/2019					
3/25/2019	1.9				

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWA-41R (bg)	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
3/27/2019					
5/6/2019					
9/9/2019					
9/10/2019		1.7	2.3		
9/11/2019					
9/12/2019					2.1 (D)
9/13/2019				1	
9/16/2019					
9/17/2019	2				
9/18/2019					
3/6/2020					
3/9/2020		1.3	1.5		
3/10/2020					
3/11/2020					
3/12/2020				0.72 (J)	2.3
3/13/2020	1.6				
3/16/2020					
3/17/2020					
9/10/2020		1.4			
9/11/2020					
9/14/2020					
9/15/2020					
9/16/2020			1.7	0.79 (J)	
9/17/2020					2.4
9/21/2020	1.6				
9/22/2020					
3/10/2021		1.6			
3/11/2021					
3/12/2021					
3/15/2021					
3/16/2021			1.3		2.7
3/17/2021				0.79 (J)	
3/18/2021	1.7				
3/19/2021					
3/29/2021					
8/4/2021		1.3			
8/5/2021					
8/6/2021			1.3		
8/9/2021					
8/10/2021				0.68 (J)	2.8
8/11/2021	1.2				
8/12/2021					
1/31/2022		1			
2/1/2022					
2/2/2022			1.5	0.76 (J)	
2/3/2022					2.6
2/4/2022	1.2				
2/7/2022					
2/17/2022					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-46R	GWC-47	GWC-47R	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41R (bg)
6/12/2017									
6/13/2017									
6/14/2017									
6/15/2017									
6/16/2017									
7/11/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/10/2017									
8/23/2017									
8/24/2017									
9/22/2017					7.8	5.77			
9/25/2017									6.88
9/26/2017							7.59	7.05	
9/27/2017			7.55	7.62					
9/29/2017	5.06	7.42							
10/2/2017									
10/3/2017									
10/4/2017									
10/5/2017									
10/6/2017									
10/9/2017									
12/28/2017	5.07 (Y)		7.59 (Y)		7.78 (Y)		6.79 (Y)		
12/29/2017									
1/9/2018									
1/10/2018									
3/14/2018						5.85	7.6	7.42	7.04
3/15/2018	5.14	7.22	7.42		7.66				
3/16/2018				7.72					
3/19/2018									
3/20/2018									
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018					7.75	5.65		6.86	7.02
9/13/2018	5.02	7.52	7.49	7.68					
9/14/2018							7.37		
9/17/2018									
9/18/2018									
9/19/2018									
9/20/2018									
3/13/2019					7.84	5.63			
3/14/2019							7.57		6.93
3/15/2019	5.28		7.45				6.78		

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-46R	GWC-47	GWC-47R	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41R (bg)
3/18/2019		7.39							
3/19/2019				7.93					
3/20/2019									
3/21/2019									
3/22/2019									
3/23/2019									
3/25/2019									
3/27/2019									
5/6/2019									
9/9/2019								6.49	
9/10/2019							7.53		6.72
9/11/2019	4.93	7.36		7.55	7.75	5.53			
9/12/2019			7.48						
9/13/2019									
9/16/2019									
9/17/2019									
9/18/2019									
3/6/2020							7.42		
3/9/2020	5.18		7.19	7.51	7.73	5.5		5.9	6.7
3/10/2020		7.44							
3/11/2020									
3/12/2020									
3/13/2020									
3/16/2020									
3/17/2020									
9/10/2020							7.48	5.53	6.67
9/11/2020						6.25			
9/14/2020	5	7.43	7.54		7.76				
9/15/2020				7.64					
9/16/2020									
9/17/2020									
9/21/2020									
9/22/2020									
12/15/2020									
3/10/2021									7.3
3/11/2021	4.95	7.53	7.34	7.48	7.81	5.55	7.53		
3/12/2021								6.39	
3/15/2021									
3/16/2021									
3/17/2021									
3/18/2021									
3/19/2021									
3/29/2021									
5/26/2021	4.72	7.39							
8/4/2021	4.91						7.35	6.21	7.15
8/5/2021		7.44	7.41	7.45	7.75				
8/6/2021						5.52			
8/9/2021									
8/10/2021									
8/11/2021									
8/12/2021									
10/28/2021			7.34	7.36					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-40 (bg)	GWC-45	GWC-44	GWC-45R	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)
9/27/2016									
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016	6.45	7.13		4.69	7.52				
11/4/2016			5.02			7.89			
11/7/2016							5.71		
11/9/2016									7.45
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016								7.4	
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017		7.51							
1/18/2017	6.34								
1/19/2017				4.58					
1/20/2017					7.3				
1/23/2017			4.9						
1/24/2017						7.97	5.58		
1/30/2017									7.64
1/31/2017									
2/1/2017									
2/3/2017								7.05	
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017	6.42	7.55							
3/27/2017									
3/28/2017				4.45					
3/29/2017			5.08		7.29	7.71			
3/30/2017							5.44		7.51
4/3/2017									
4/6/2017									
4/7/2017								7.14	
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017		7.6							
6/5/2017				4.33					
6/6/2017	6.82								
6/7/2017			5.06		7.43				
6/8/2017						7.86			
6/9/2017							5.11		7.6

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-5	GWC-6	GWC-6RZ	GWC-9
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016	6.7	5.96	7.45						
3/28/2016				6.45 (D)	6.22	7.04			
3/29/2016							7.54	7.24	
3/30/2016									6.07
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016			7.5						
5/20/2016	6.36								
5/23/2016		5.73			5.86				
5/24/2016							7.39	7.1	
5/25/2016				6.96		6.39			
5/26/2016									6.44
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016	6.75	5.51	7.59						
8/1/2016				5.64	6.39	6.13	7.26	7.07	
8/2/2016									
8/3/2016									
8/4/2016									
8/5/2016									6.67
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016		5.45	7.44						
9/23/2016	6.62								
9/26/2016				6.26	5.74		7.19	7.15	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-5	GWC-6	GWC-6RZ	GWC-9
9/27/2016						5.98			
9/28/2016									6.89
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016	6.42								
11/10/2016		5.51	7.55		5.78				
11/11/2016				5.62		6.11			
11/14/2016								7.15	
11/18/2016							7.04		
11/21/2016									6.89
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017				5.49	5.88				
1/31/2017	5.66	5.42	7.56			6.08			
2/1/2017							7.34	7.09	
2/3/2017									
2/6/2017									4.93
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017	6.33	5.43							
4/3/2017			7.46	6.32		6.13			
4/6/2017							7.49	7.23	4.92
4/7/2017					5.94				
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017			7.24						

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-10R	GWC-10	GWC-11R	GWC-11	GWC-13	GWC-12	GWC-15R	GWA-39RZ (bg)
1/31/2022									
2/1/2022									
2/2/2022	8.13						6.35		6.89
2/3/2022									
2/4/2022		7.69	6.53	7.58	7.2			7.61	
2/7/2022									
2/17/2022						7.24			

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-15Z	GWC-14Z	GWC-13RZ	GWA-4RZ (bg)
3/10/2016					
3/11/2016					
3/14/2016					
3/15/2016					
3/16/2016					
3/17/2016					
3/22/2016					
3/23/2016					
3/28/2016					
3/29/2016					
3/30/2016					
3/31/2016					
4/4/2016				8.56 (o)	
4/5/2016		9.23 (o)	10.61 (o)		
5/11/2016					
5/12/2016					
5/13/2016					
5/16/2016					
5/17/2016					
5/18/2016					
5/19/2016					
5/20/2016					
5/23/2016					
5/24/2016					
5/25/2016					
5/26/2016					
5/27/2016					
5/31/2016	7.98	9.52 (o)			
6/1/2016			10.32 (o)	9.83 (o)	
7/19/2016					
7/20/2016					
7/21/2016					
7/22/2016					
7/25/2016					
7/26/2016					
7/27/2016					
7/28/2016					
7/29/2016					
8/1/2016					
8/2/2016	7.64				
8/3/2016					
8/4/2016					
8/5/2016					
8/9/2016			8.23 (o)		
9/15/2016					
9/16/2016					
9/19/2016					
9/20/2016					
9/21/2016					
9/22/2016					
9/23/2016					
9/26/2016					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-15Z	GWC-14Z	GWC-13RZ	GWA-4RZ (bg)
9/27/2016	7.18				
9/28/2016					
9/29/2016					
9/30/2016					
11/2/2016					
11/3/2016					
11/4/2016					
11/7/2016					
11/9/2016					
11/10/2016					
11/11/2016					
11/14/2016					
11/18/2016					
11/21/2016	7.49				
11/22/2016					
11/23/2016		7.88			
11/28/2016			7.29		
1/17/2017					
1/18/2017					
1/19/2017					
1/20/2017					
1/23/2017					
1/24/2017					
1/30/2017					
1/31/2017					
2/1/2017	7.2				
2/3/2017					
2/6/2017					
2/7/2017					
2/8/2017					
2/9/2017			6.91		
2/10/2017		7.72			
2/13/2017					
2/21/2017					
2/22/2017				7.45	7.38 (D)
3/24/2017					
3/27/2017					
3/28/2017					
3/29/2017					
3/30/2017					
4/3/2017					
4/6/2017	7.42				
4/7/2017					7.35 (D)
4/10/2017					
4/11/2017		7.83	6.68	6.37	
4/12/2017					
5/24/2017					
6/5/2017					
6/6/2017					
6/7/2017					
6/8/2017					
6/9/2017					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-15Z	GWC-14Z	GWC-13RZ	GWA-4RZ (bg)
6/12/2017					
6/13/2017	7.25				
6/14/2017			6.84		7.3 (D)
6/15/2017		7.86			
6/16/2017				7.33	
7/11/2017					7.39
7/12/2017		7.73	6.54	7.46	7.39 (D)
7/14/2017	7.5				
7/17/2017					
7/19/2017					7.44
7/20/2017					7.44 (D)
7/26/2017		7.71			
7/27/2017				7.37	7.5
7/28/2017				7.37	7.5
8/8/2017					7.52
8/9/2017				7.38	7.52
8/10/2017				7.38	
8/23/2017					7.5
8/24/2017					7.5
9/22/2017					
9/25/2017					
9/26/2017					
9/27/2017					
9/29/2017					
10/2/2017					
10/3/2017	7.5				7.51 (D)
10/4/2017					
10/5/2017			6.93		
10/6/2017		7.74		6.55	
10/9/2017					
12/28/2017				7.43 (Y)	7.32 (Y)
12/29/2017					
1/9/2018					
1/10/2018					
3/14/2018					
3/15/2018					
3/16/2018					
3/19/2018					
3/20/2018	6.76				
3/21/2018					7.3
3/22/2018			6.93		
3/23/2018		7.89		7.58	
9/12/2018					
9/13/2018					
9/14/2018					
9/17/2018					
9/18/2018	7.26				7.26
9/19/2018		7.77	6.88		
9/20/2018				7.43	
3/13/2019					
3/14/2019					
3/15/2019					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-15Z	GWC-14Z	GWC-13RZ	GWA-4RZ (bg)
3/18/2019					
3/19/2019					
3/20/2019					
3/21/2019	7.3				7.28 (D)
3/22/2019		7.55	6.27	7.49	
3/23/2019					
3/25/2019					
3/27/2019					
5/6/2019					
9/9/2019					
9/10/2019					
9/11/2019					
9/12/2019					7.2 (D)
9/13/2019	6.8				
9/16/2019					
9/17/2019		7.76	6.04		
9/18/2019				7.5	
3/6/2020					
3/9/2020					
3/10/2020					
3/11/2020					
3/12/2020	7.53				7.55
3/13/2020		7.68	6.16		
3/16/2020					
3/17/2020				7.62	
9/10/2020					
9/11/2020					
9/14/2020					
9/15/2020					
9/16/2020	7.56				
9/17/2020					7.42
9/21/2020		7.65	6.06		
9/22/2020				6.95	
12/15/2020					
3/10/2021					
3/11/2021					
3/12/2021					
3/15/2021					
3/16/2021					7.4
3/17/2021	7.52				
3/18/2021		7.87	6.04		
3/19/2021				7.42	
3/29/2021					
5/26/2021					
8/4/2021					
8/5/2021					
8/6/2021					
8/9/2021					
8/10/2021	7.13				7.2
8/11/2021		7.81	6.09		
8/12/2021				7.11	
10/28/2021					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 4/1/2022 4:41 PM View: Appendix III Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-15Z	GWC-14Z	GWC-13RZ	GWA-4RZ (bg)
1/31/2022					
2/1/2022					
2/2/2022	7.54				
2/3/2022					7.2
2/4/2022			6.06	7.46	
2/7/2022		7.83			
2/17/2022					

FIGURE R.

Appendix III Trend Tests - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium, total (mg/L)	GWA-42 (bg)	1.159	87	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-43 (bg)	-1.753	-111	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWC-45R	1.856	79	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-1 (bg)	-0.08193	-75	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39Z (bg)	-0.1437	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41 (bg)	-0.119	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41R (bg)	-0.3475	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-48	0.4117	117	68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.09648	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.1032	-74	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.176	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.08111	-80	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1458	-75	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-45	-0.0475	-94	-81	Yes	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-48	-0.04523	-87	-81	Yes	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-49Z	-0.1154	-103	-74	Yes	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-9	-0.2055	-70	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-1 (bg)	-0.2255	-117	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-39Z (bg)	-0.8985	-101	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-43 (bg)	-0.1378	-76	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50 (bg)	-0.05637	-80	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50R (bg)	-0.09098	-82	-68	Yes	18	5.556	n/a	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:27 PM

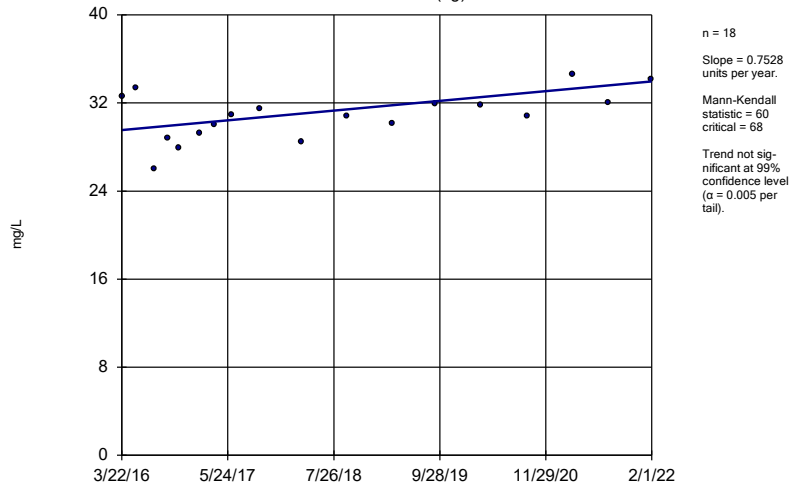
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium, total (mg/L)	GWA-1 (bg)	0.7528	60	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-2 (bg)	1.647	13	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-2R (bg)	3.285	65	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-39RZ (bg)	0.2673	24	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-39Z (bg)	0.2209	9	74	No	19	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-3A (bg)	-0.05415	-9	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-40 (bg)	-0.2054	-14	-68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-41 (bg)	0.1525	9	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-41R (bg)	-0.7729	-16	-68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-42 (bg)	1.159	87	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-43 (bg)	-1.753	-111	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-43R (bg)	0.6033	72	74	No	19	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-4RZ (bg)	1.274	51	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-50 (bg)	-0.1057	-51	-68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWA-50R (bg)	-0.7039	-67	-68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWC-45	0.02328	57	68	No	18	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	GWC-45R	1.856	79	68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-1 (bg)	-0.08193	-75	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2 (bg)	-0.1179	-54	-68	No	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2R (bg)	-0.0357	-26	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39RZ (bg)	-0.1921	-58	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-39Z (bg)	-0.1437	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3A (bg)	-0.002061	-26	-63	No	17	5.882	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-40 (bg)	-0.05753	-35	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41 (bg)	-0.119	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-41R (bg)	-0.3475	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-42 (bg)	-0.04101	-15	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-43 (bg)	0	-17	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-43R (bg)	-0.2391	-44	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-4RZ (bg)	0	1	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-50 (bg)	-0.04419	-66	-68	No	18	5.556	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-50R (bg)	-0.04049	-67	-68	No	18	11.11	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-13RZ	0.1244	12	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-48	0.4117	117	68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-1 (bg)	-0.02308	-60	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2 (bg)	-0.04714	-35	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.09648	-69	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-39RZ (bg)	-0.04592	-44	-81	No	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-39Z (bg)	-0.03337	-13	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-3A (bg)	-0.0591	-28	-63	No	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-40 (bg)	-0.06319	-65	-81	No	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41 (bg)	-0.02321	-20	-63	No	17	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.1032	-74	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-42 (bg)	-0.0169	-33	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.176	-105	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-43R (bg)	-0.008321	-22	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-4RZ (bg)	-0.02545	-35	-105	No	24	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.08111	-80	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1458	-75	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-44	-0.03662	-47	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-45	-0.0475	-94	-81	Yes	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-48	-0.04523	-87	-81	Yes	20	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-49Z	-0.1154	-103	-74	Yes	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-8RR	0	-1	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-8Z	-0.1068	-59	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH_units)	GWC-9	-0.2055	-70	-68	Yes	18	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 4/4/2022, 2:27 PM

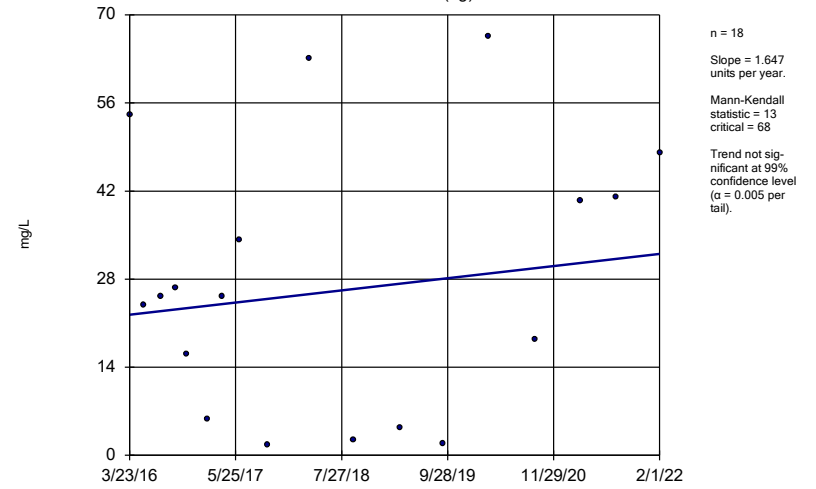
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate, total (mg/L)	GWA-1 (bg)	-0.2255	-117	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-2 (bg)	0.8739	5	68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-2R (bg)	0.1007	20	68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-39RZ (bg)	-1.008	-28	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-39Z (bg)	-0.8985	-101	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-3A (bg)	-0.08002	-13	-63	No	17	11.76	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-40 (bg)	0.0447	20	74	No	19	5.263	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-41 (bg)	0.02594	8	68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-41R (bg)	0.6924	49	68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-42 (bg)	-0.009958	-6	-68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-43 (bg)	-0.1378	-76	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-43R (bg)	-0.6041	-54	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-4RZ (bg)	0.3088	26	74	No	19	0	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50 (bg)	-0.05637	-80	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50R (bg)	-0.09098	-82	-68	Yes	18	5.556	n/a	n/a	0.01	NP
Sulfate, total (mg/L)	GWC-45R	0.3127	63	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-1 (bg)	1.337	17	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-2 (bg)	-7.269	-11	-68	No	18	5.556	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-2R (bg)	3.796	21	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ (bg)	-7.571	-38	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z (bg)	0.3575	4	63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-3A (bg)	7.912	56	63	No	17	29.41	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-40 (bg)	-0.8013	-4	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-41 (bg)	2.445	8	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-41R (bg)	2.535	14	68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-42 (bg)	-0.6222	-7	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-43 (bg)	-6.052	-65	-68	No	18	16.67	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-43R (bg)	-0.35	-4	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ (bg)	-8.111	-32	-68	No	18	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-50 (bg)	0	1	68	No	18	27.78	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWA-50R (bg)	-4.124	-33	-68	No	18	22.22	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/l)	GWC-45	2.017	43	68	No	18	38.89	n/a	n/a	0.01	NP

Sen's Slope Estimator GWA-1 (bg)



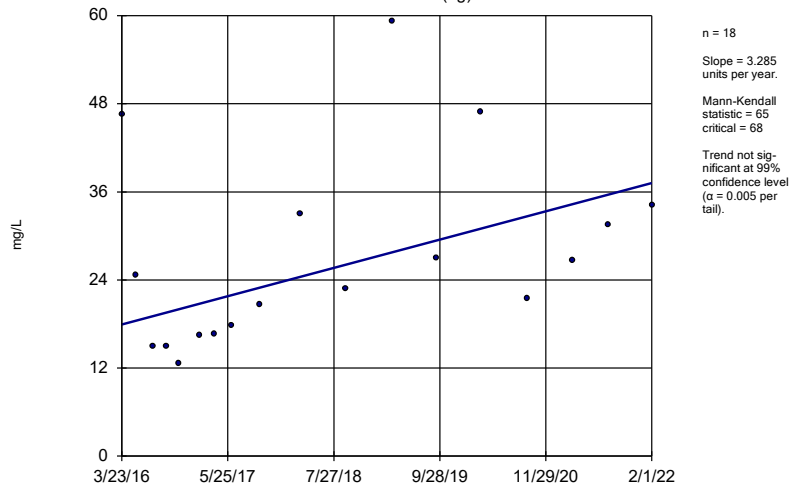
Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-2 (bg)



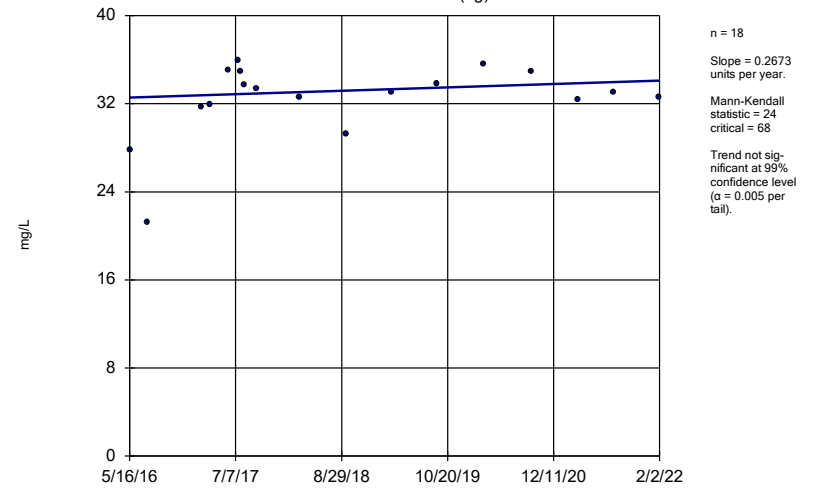
Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-2R (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

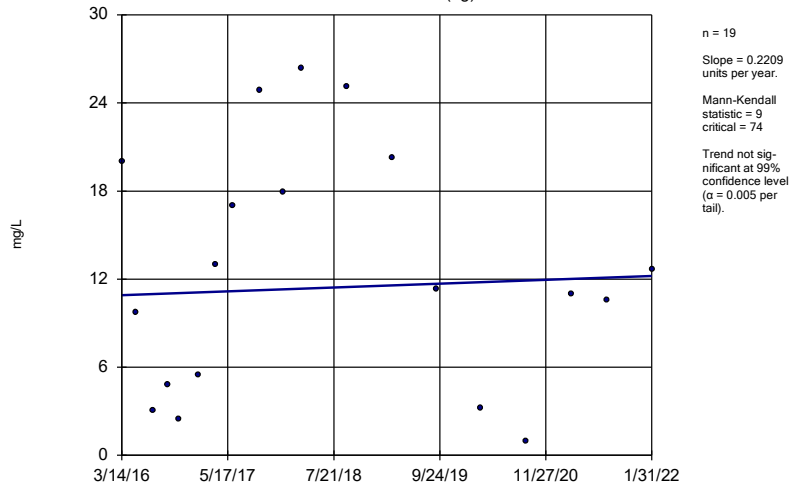
Sen's Slope Estimator GWA-39RZ (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

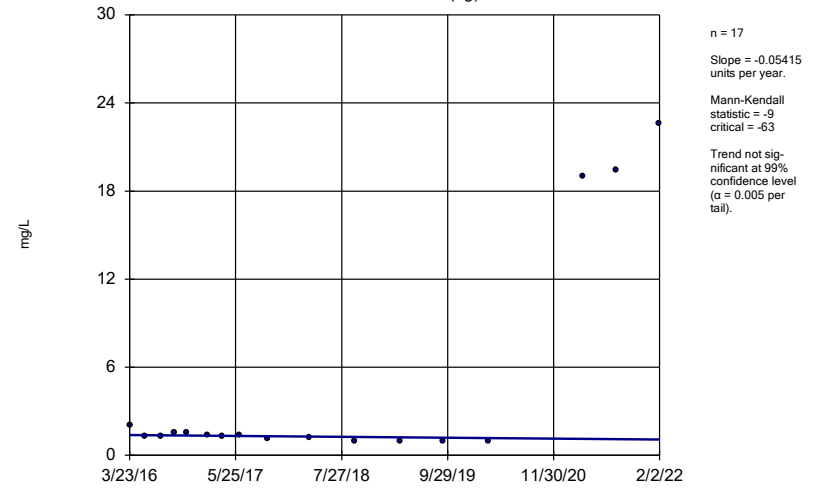
GWA-39Z (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

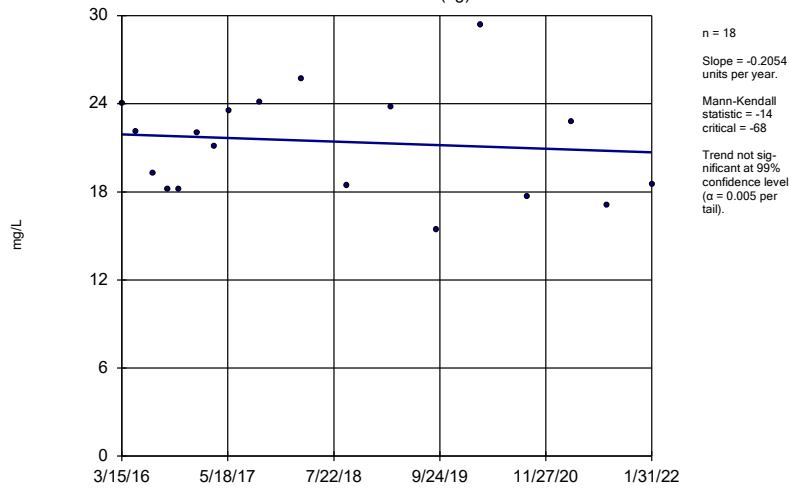
GWA-3A (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

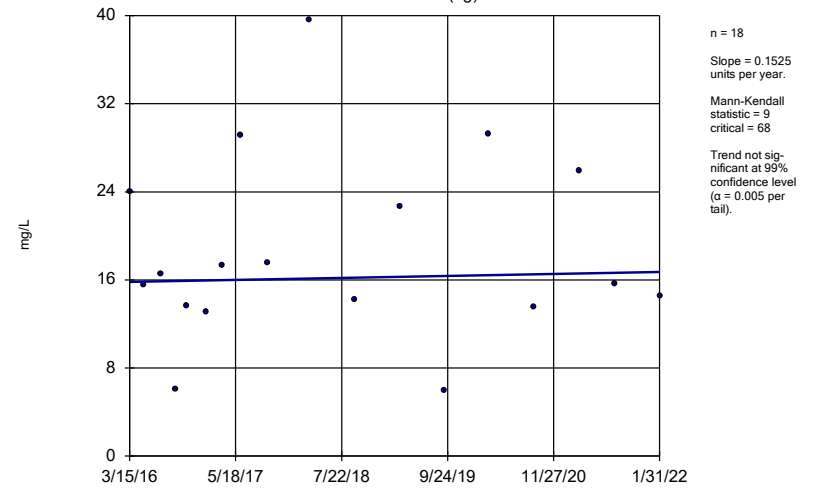
GWA-40 (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

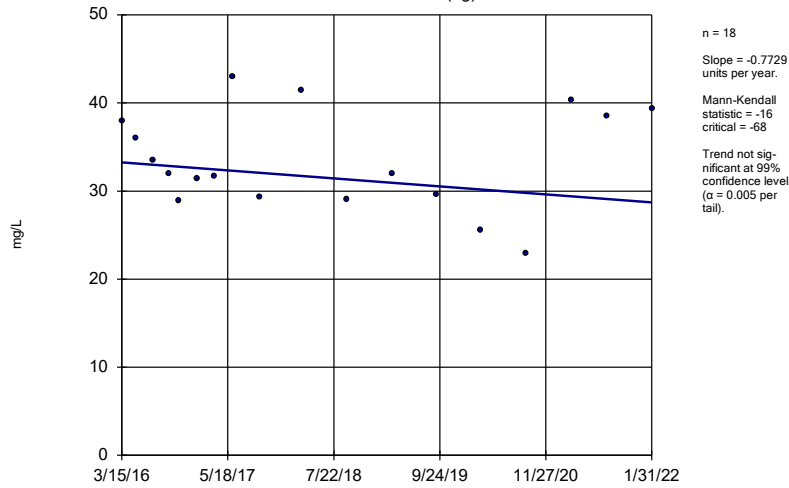
GWA-41 (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

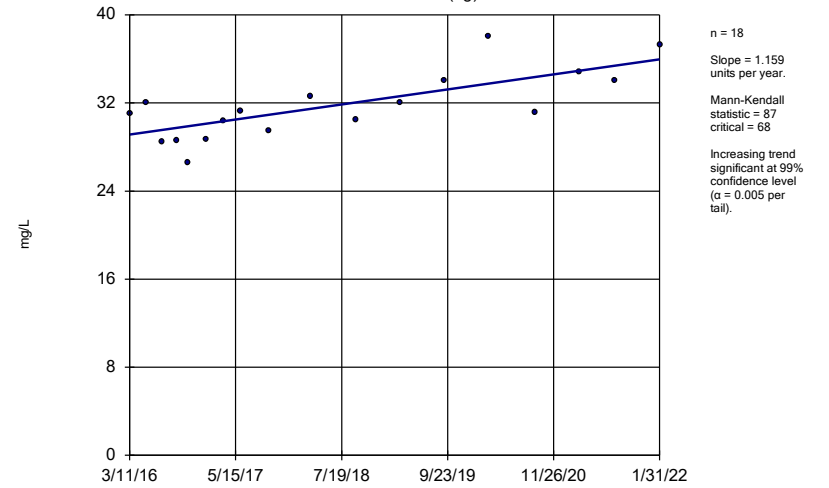
GWA-41R (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

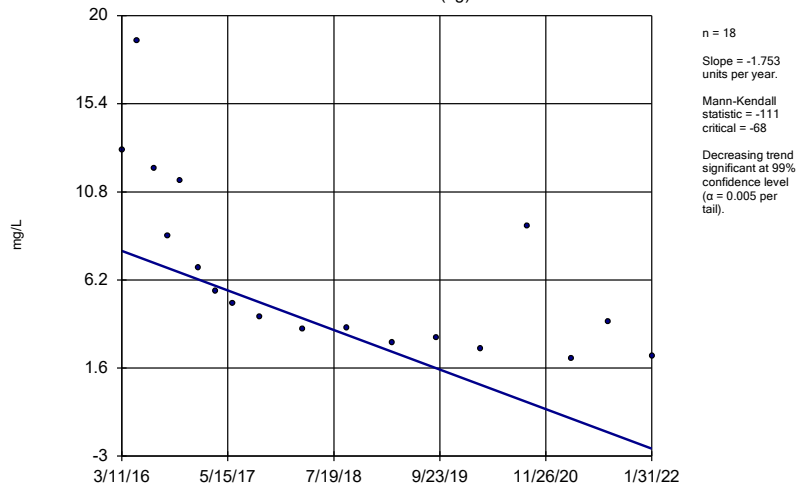
GWA-42 (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

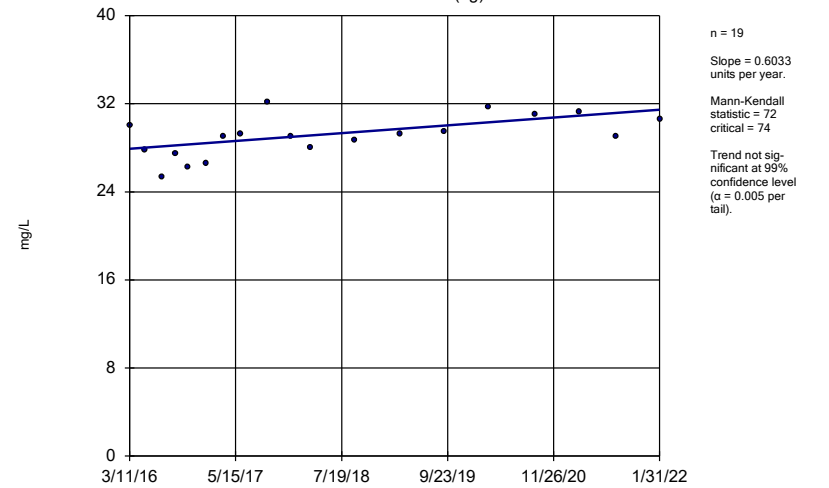
GWA-43 (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

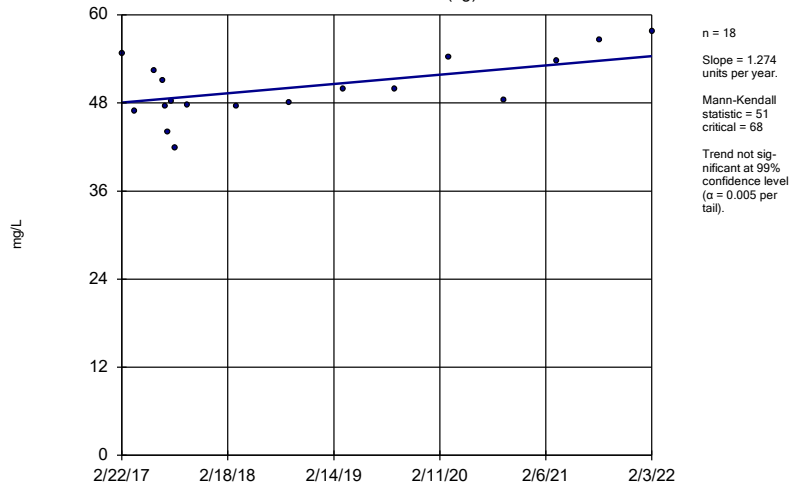
GWA-43R (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

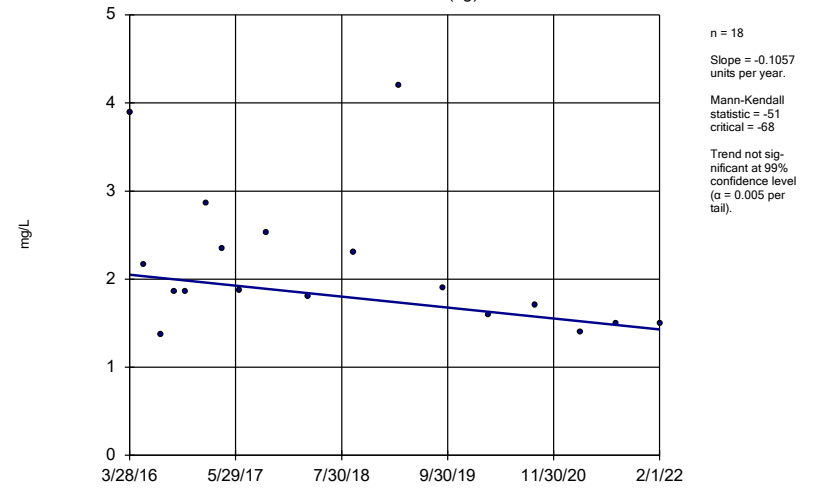
GWA-4RZ (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

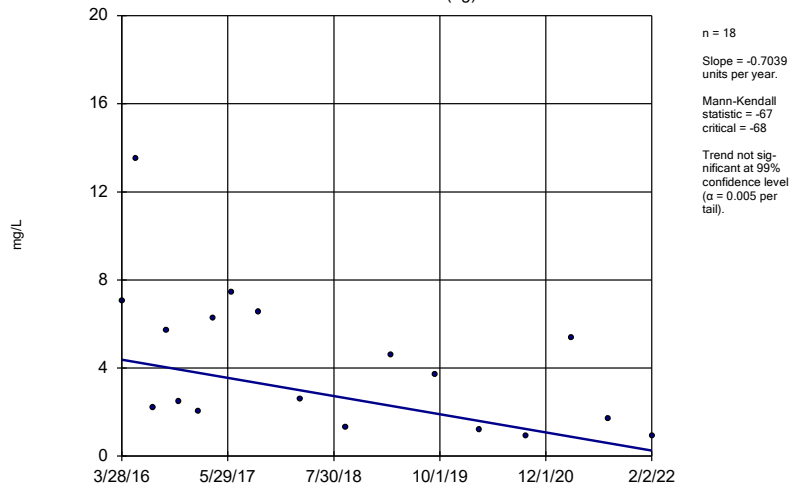
GWA-50 (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

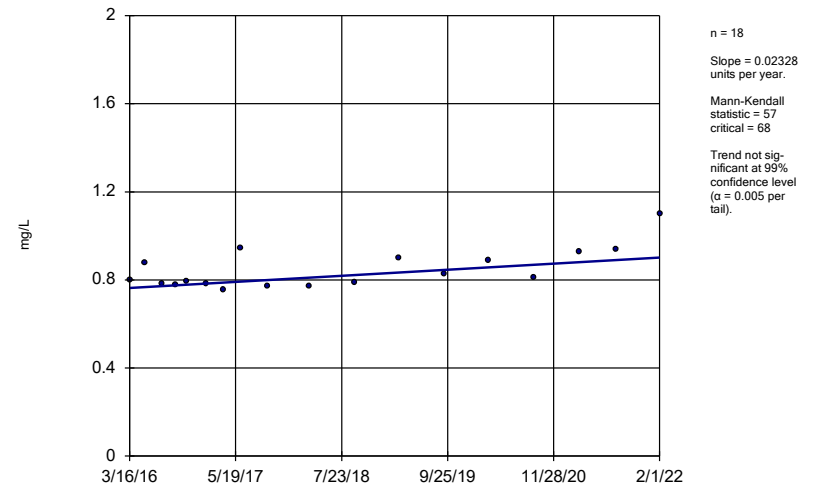
GWA-50R (bg)



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

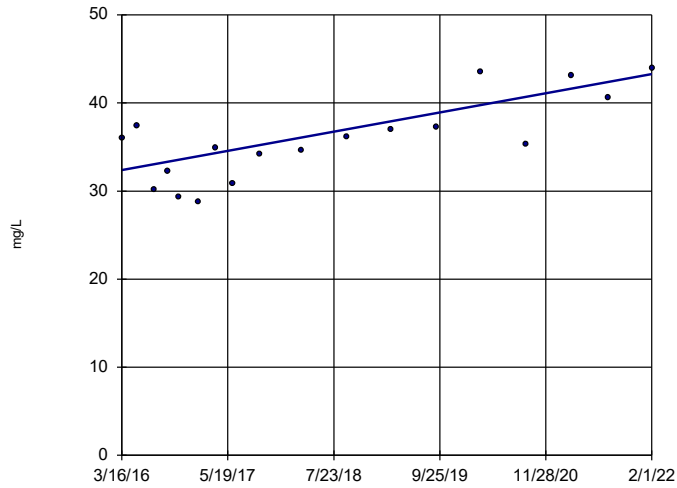
GWC-45



Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWC-45R



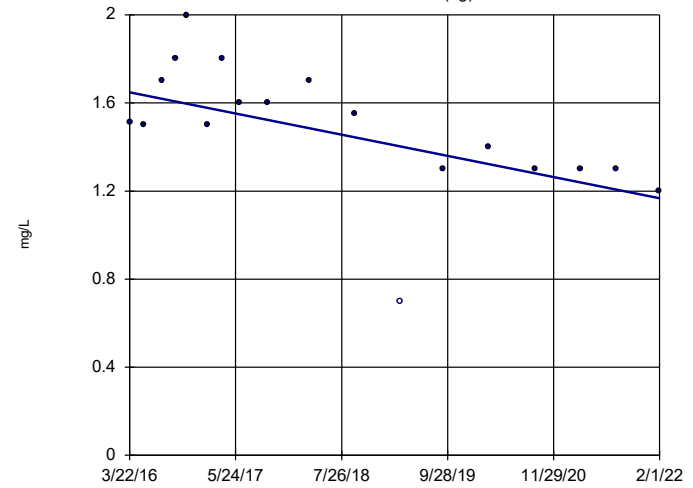
n = 18
 Slope = 1.856
 units per year.
 Mann-Kendall
 statistic = 79
 critical = 68
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium, total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



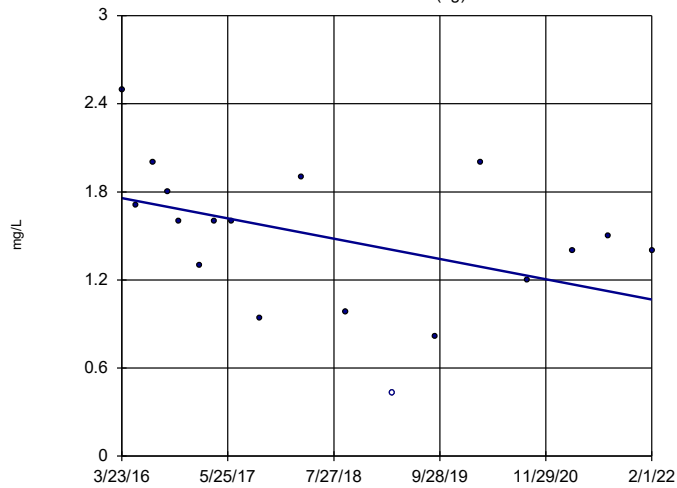
n = 18
 Slope = -0.08193
 units per year.
 Mann-Kendall
 statistic = -75
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)

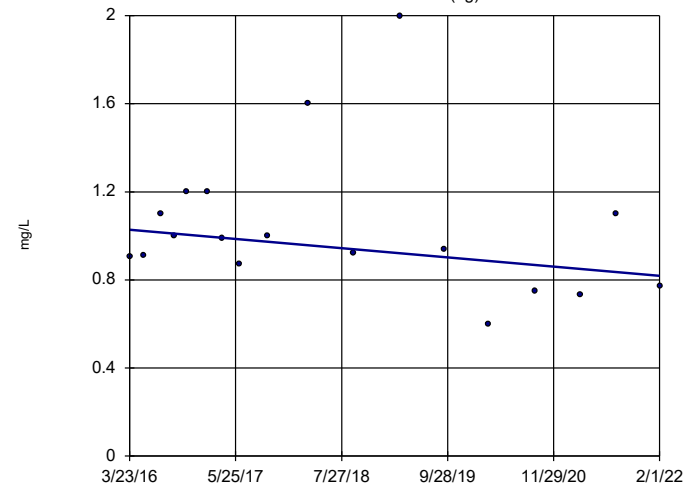


n = 18
 Slope = -0.1179
 units per year.
 Mann-Kendall
 statistic = -54
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-2R (bg)

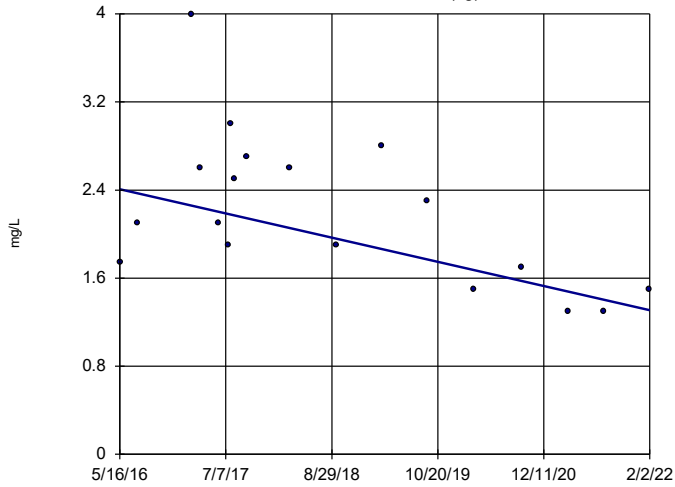


n = 18
 Slope = -0.0357
 units per year.
 Mann-Kendall
 statistic = -26
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-39RZ (bg)

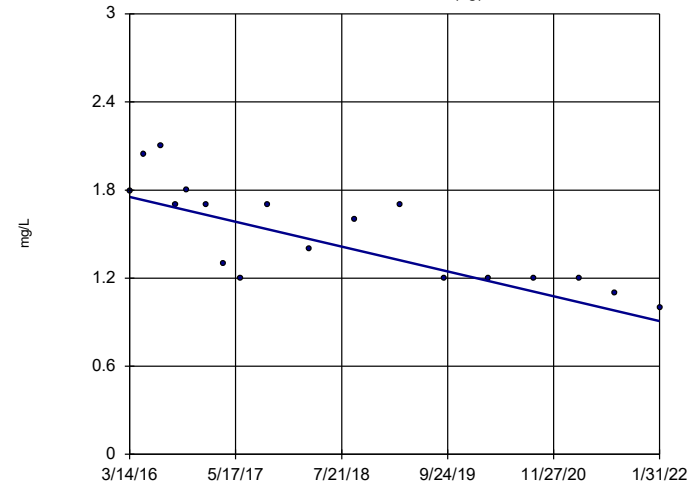


n = 18
 Slope = -0.1921
 units per year.
 Mann-Kendall
 statistic = -58
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-39Z (bg)

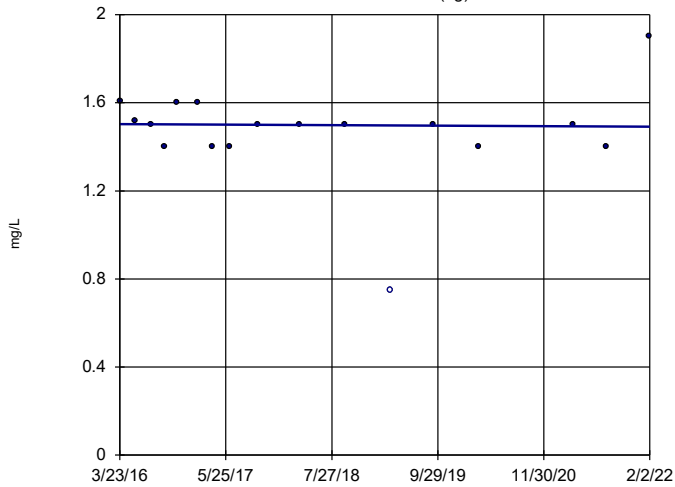


n = 18
 Slope = -0.1437
 units per year.
 Mann-Kendall
 statistic = -105
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-3A (bg)

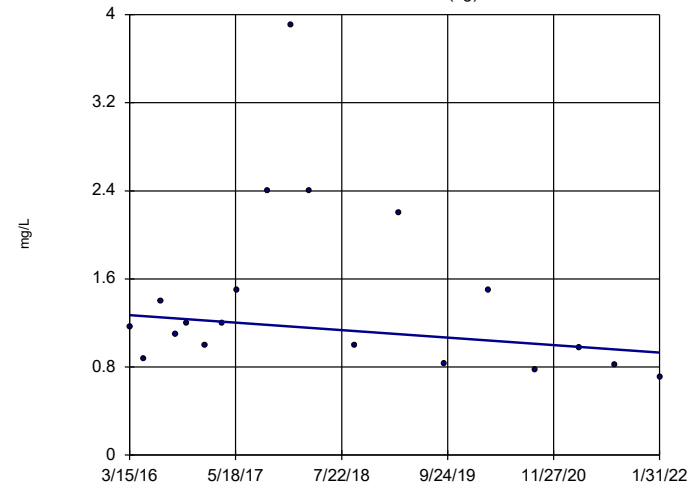


n = 17
 Slope = -0.002061
 units per year.
 Mann-Kendall
 statistic = -26
 critical = -63
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

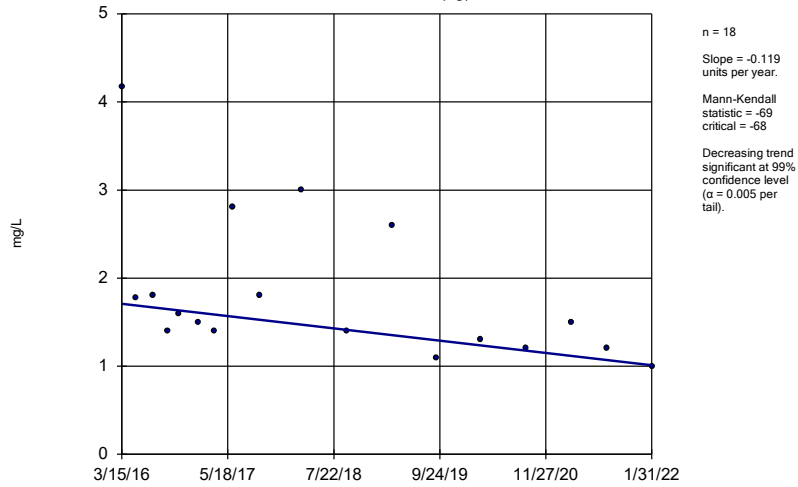
GWA-40 (bg)



n = 19
 Slope = -0.05753
 units per year.
 Mann-Kendall
 statistic = -35
 critical = -74
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

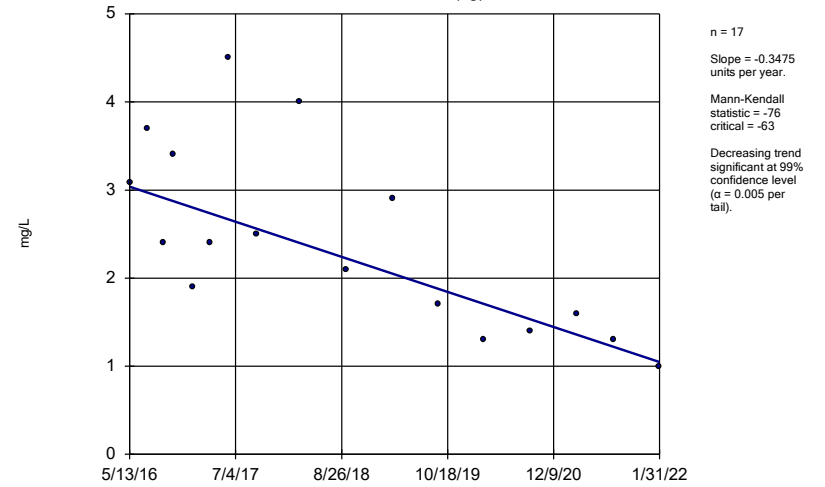
Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-41 (bg)



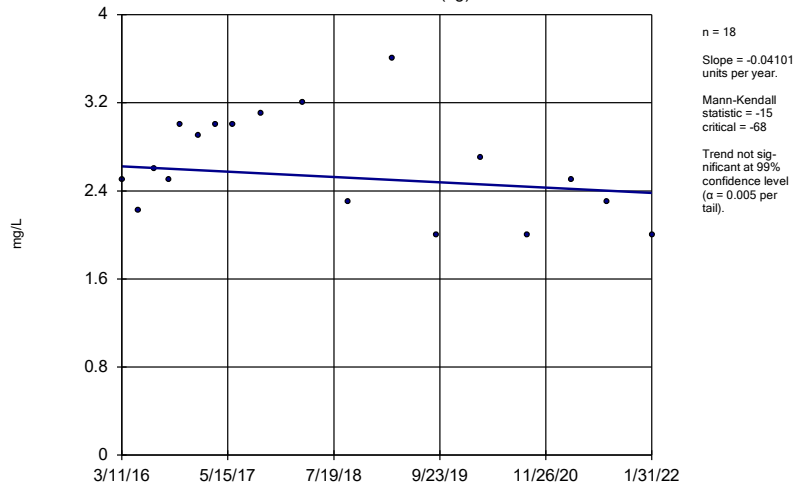
Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-41R (bg)



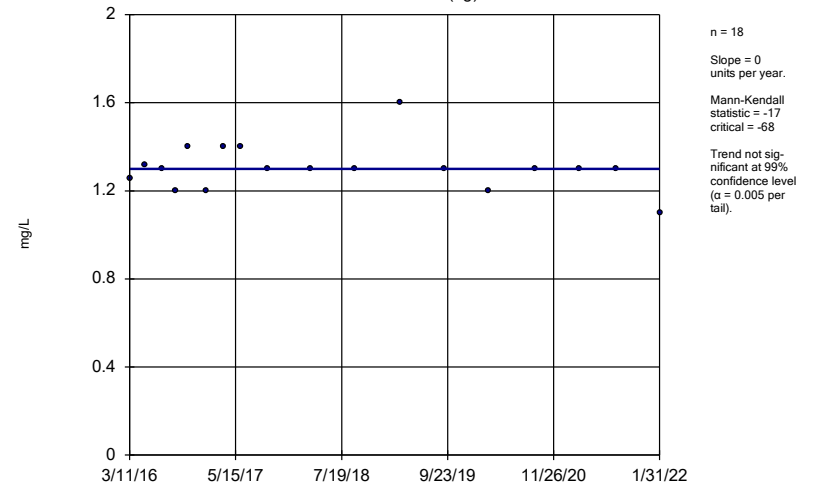
Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-42 (bg)



Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

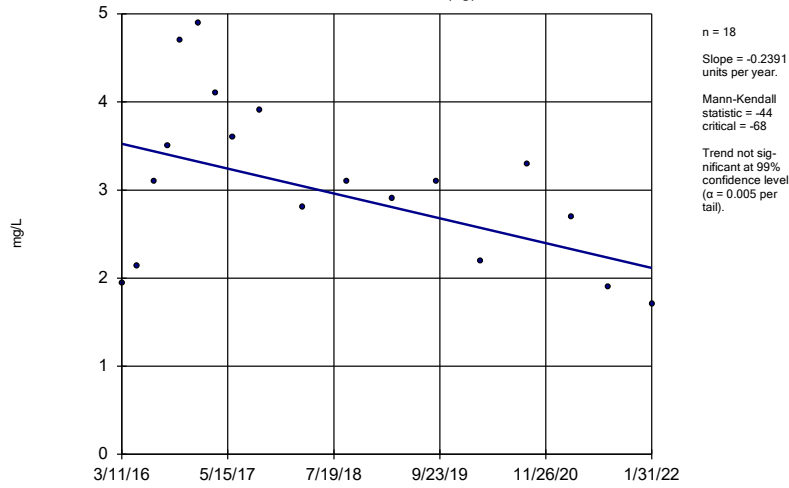
Sen's Slope Estimator
GWA-43 (bg)



Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

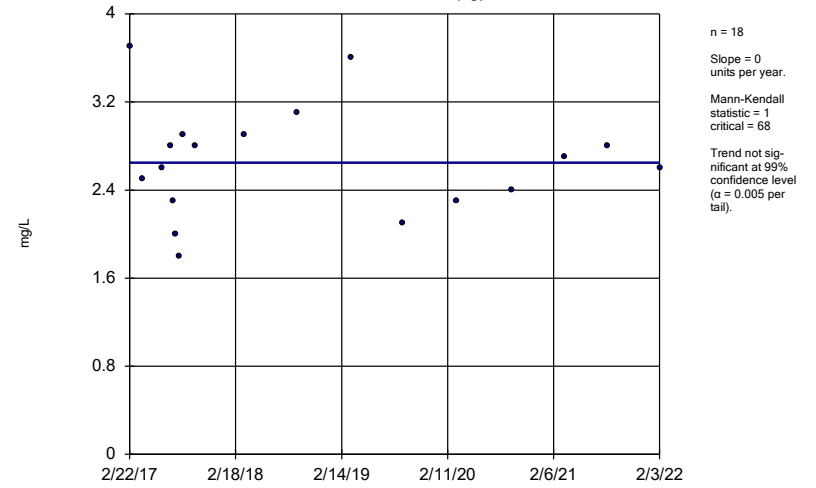
GWA-43R (bg)



Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

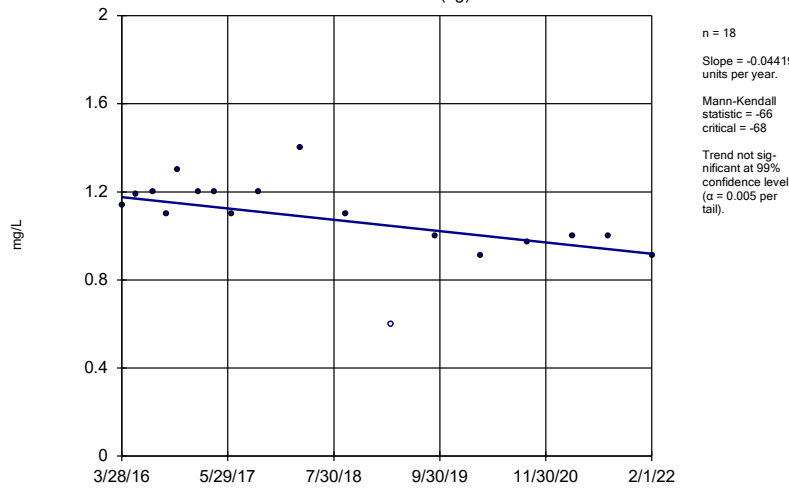
GWA-4RZ (bg)



Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

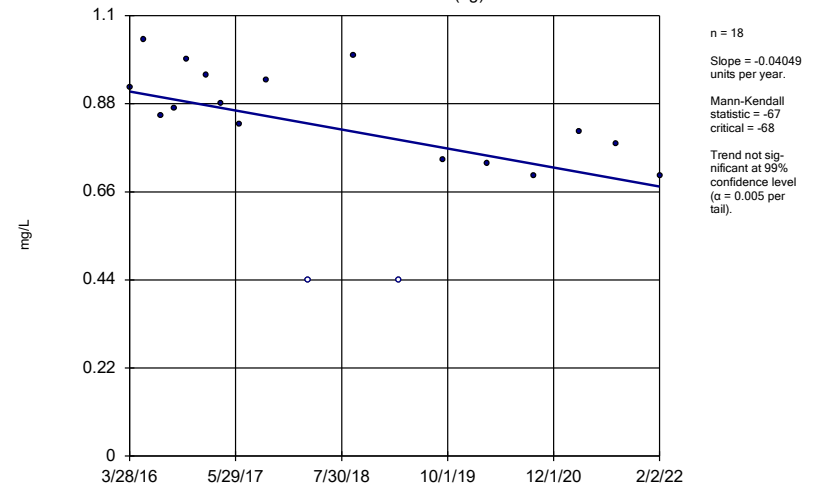
GWA-50 (bg)



Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

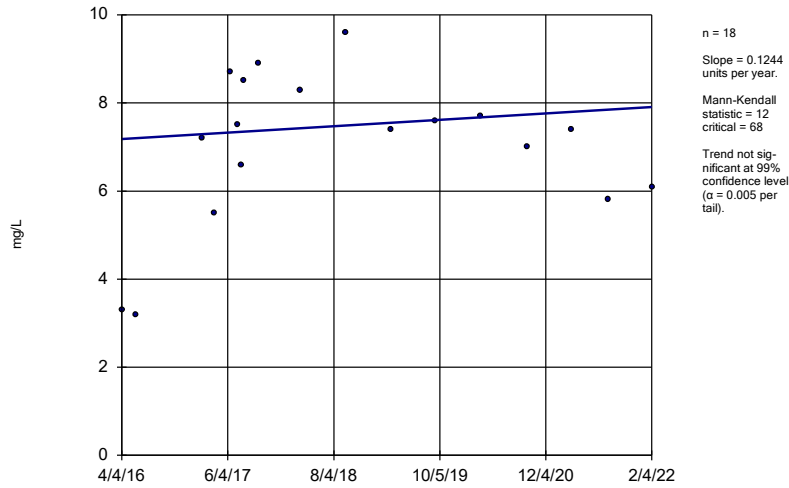
Sen's Slope Estimator

GWA-50R (bg)



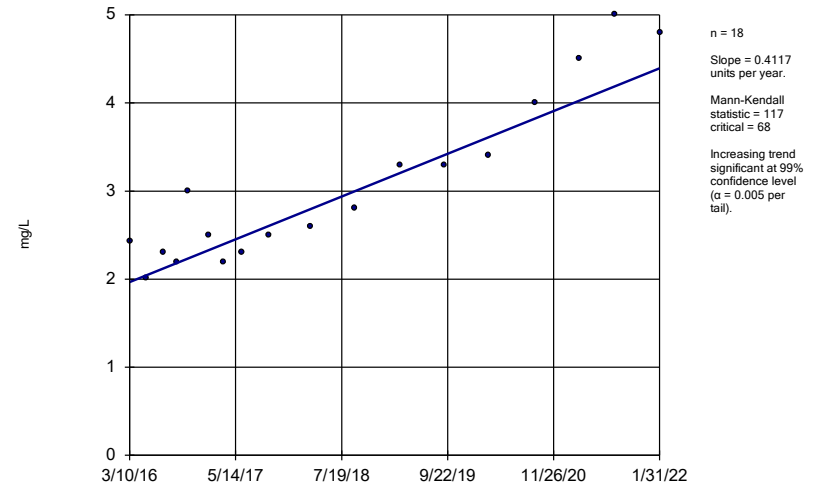
Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWC-13RZ



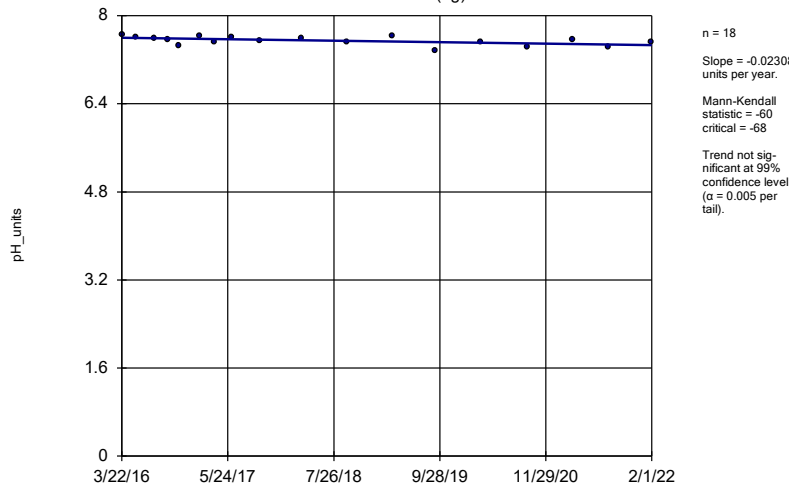
Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWC-48



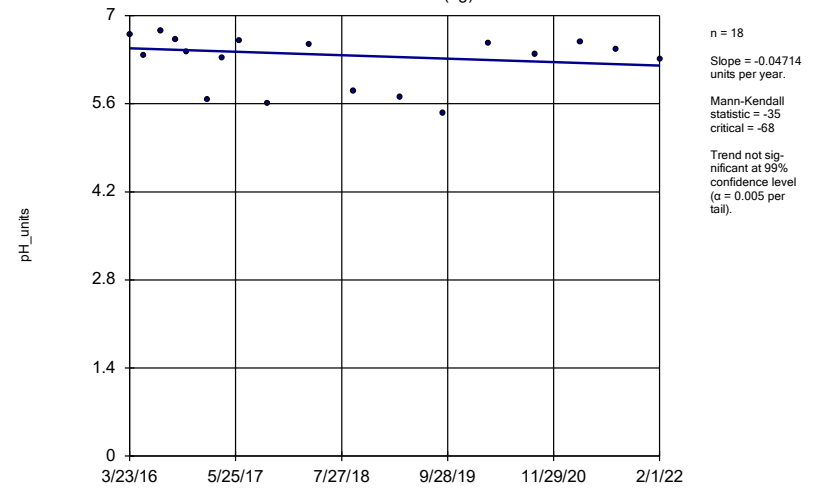
Constituent: Chloride, Total Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-1 (bg)



Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

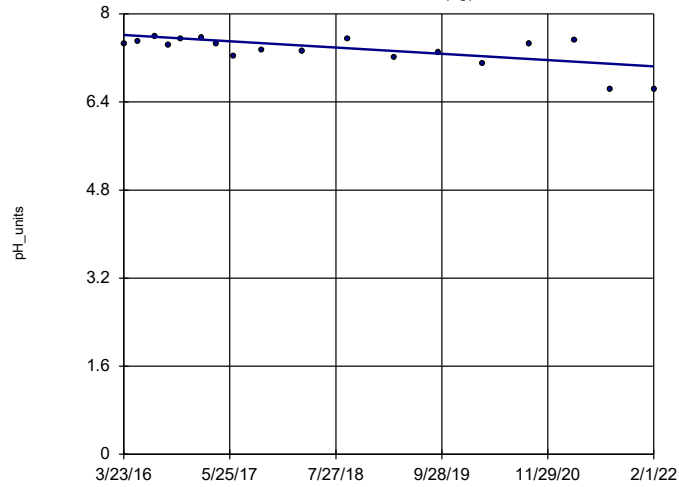
Sen's Slope Estimator
GWA-2 (bg)



Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-2R (bg)

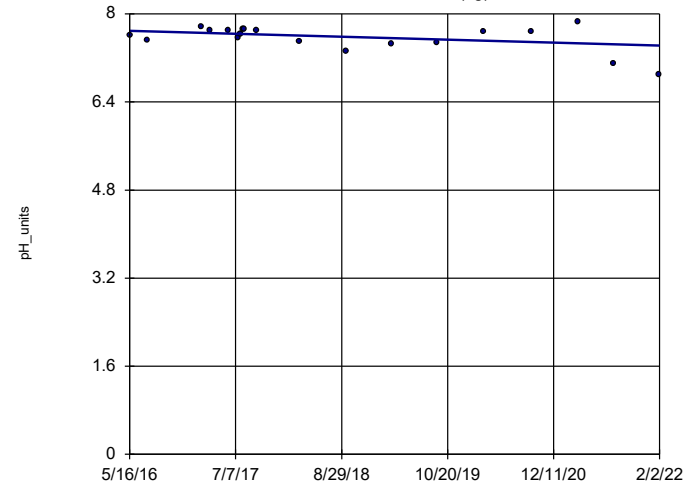


n = 18
 Slope = -0.09648
 units per year.
 Mann-Kendall
 statistic = -69
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

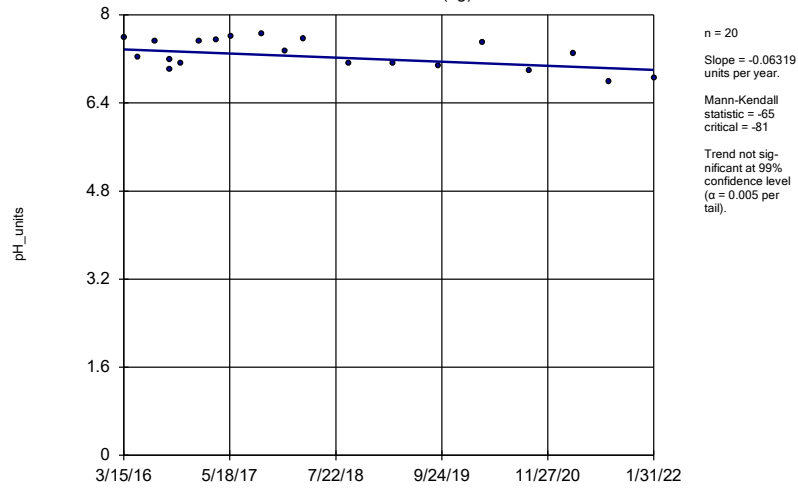
Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-39RZ (bg)

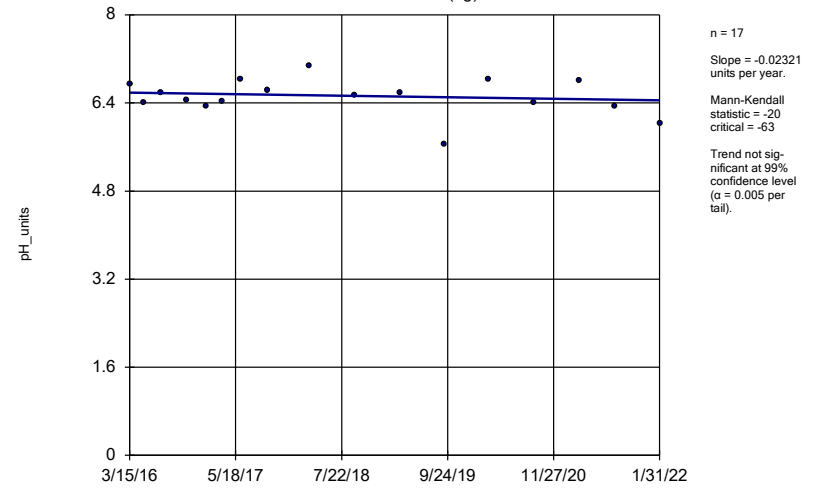


Sen's Slope Estimator
GWA-40 (bg)



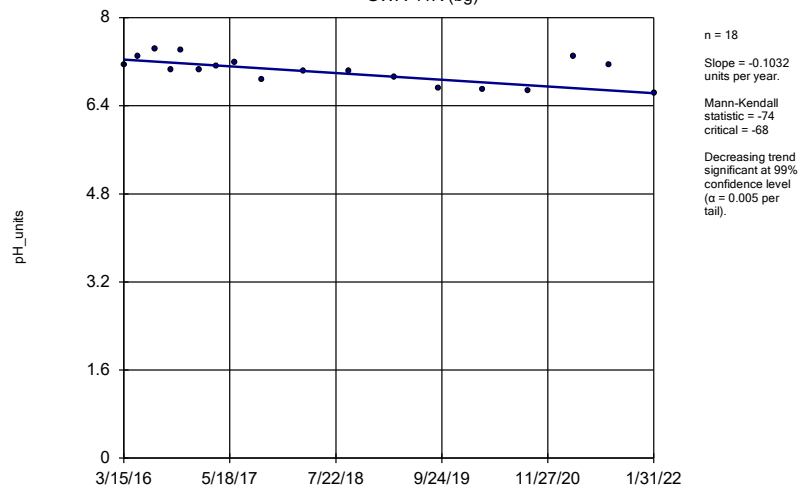
Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-41 (bg)



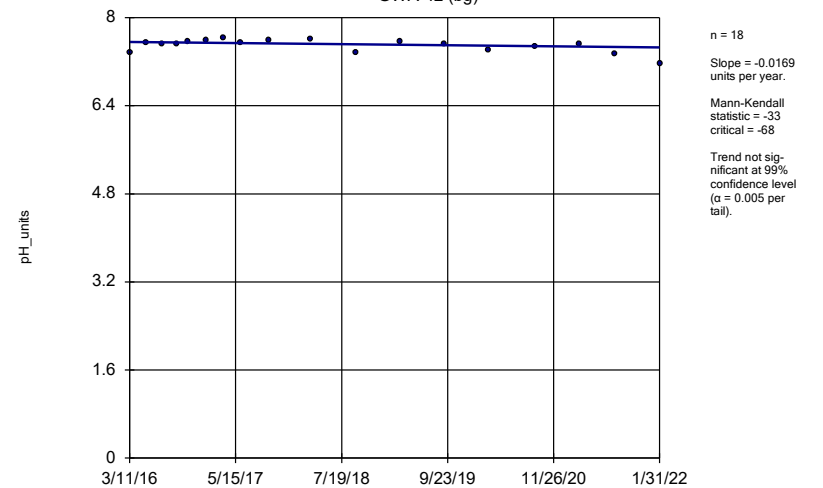
Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-41R (bg)



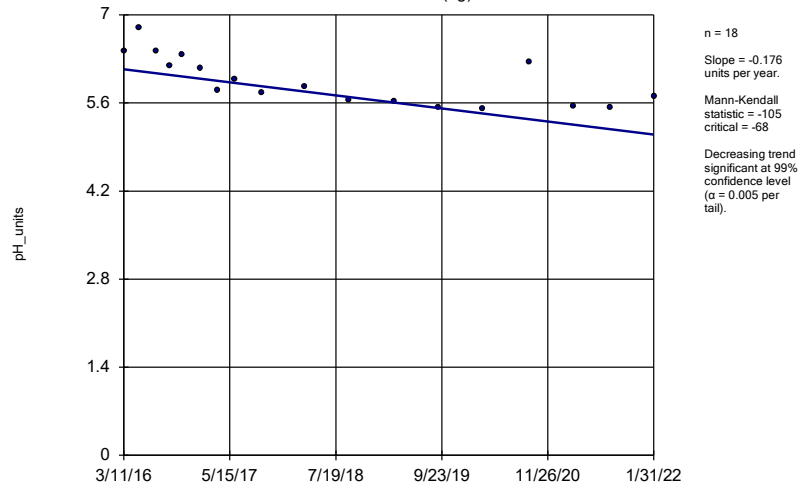
Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-42 (bg)



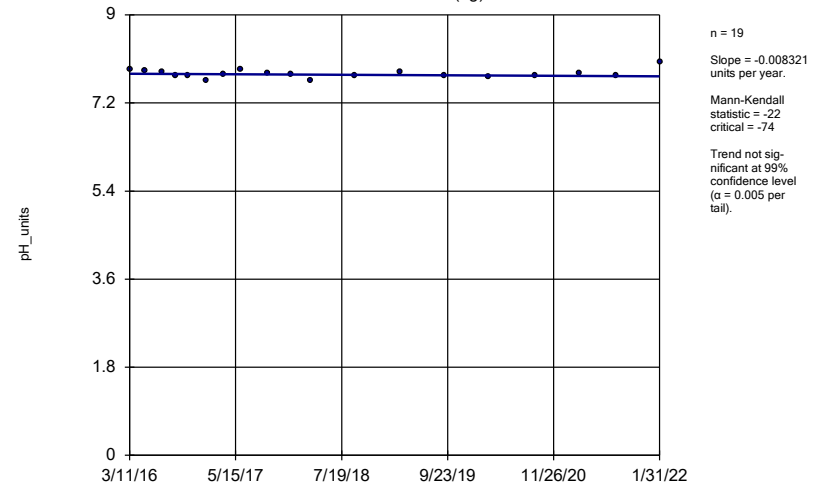
Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-43 (bg)



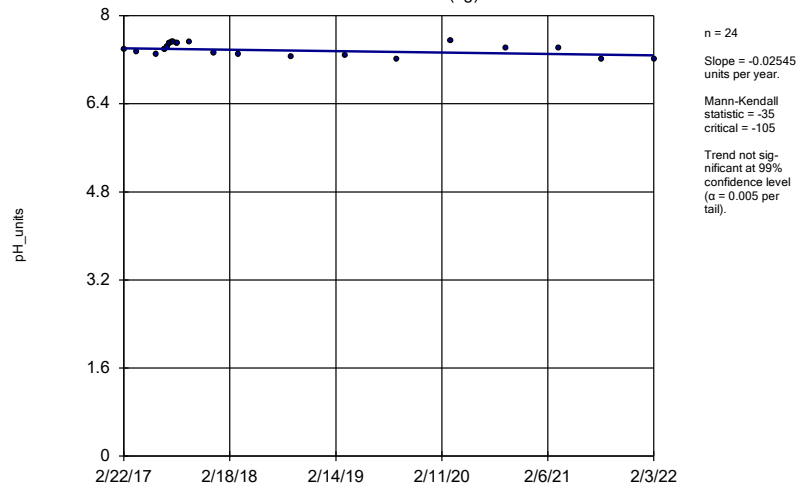
Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-43R (bg)



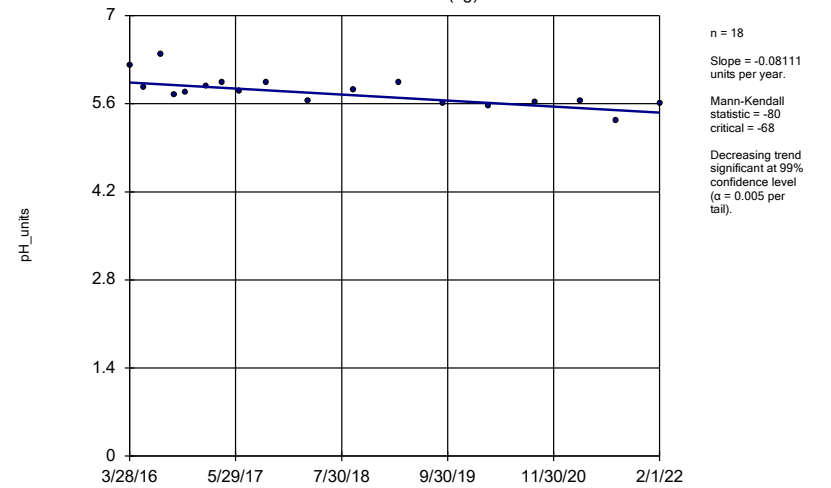
Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-4RZ (bg)



Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

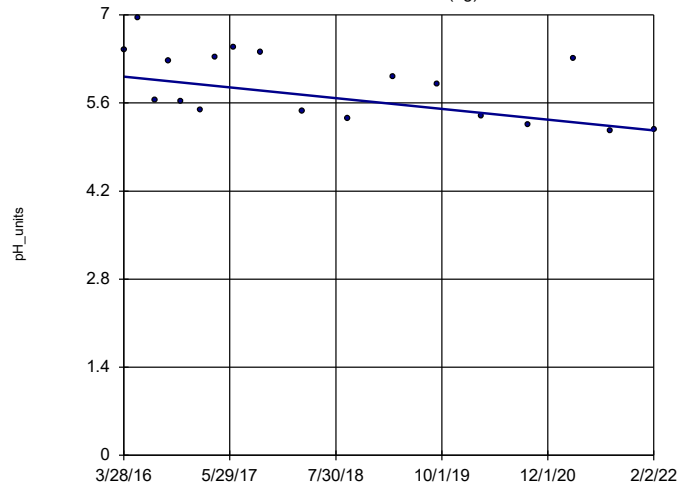
Sen's Slope Estimator
GWA-50 (bg)



Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50R (bg)

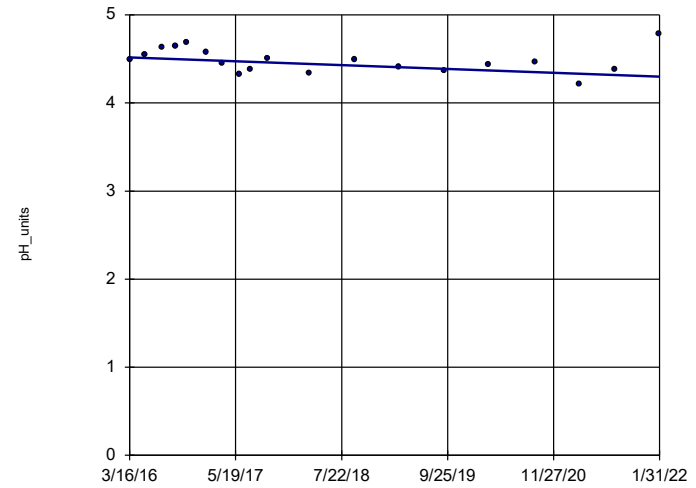


n = 18
 Slope = -0.1458 units per year.
 Mann-Kendall statistic = -75
 critical = -68
 Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 4/4/2022 2:23 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWC-44

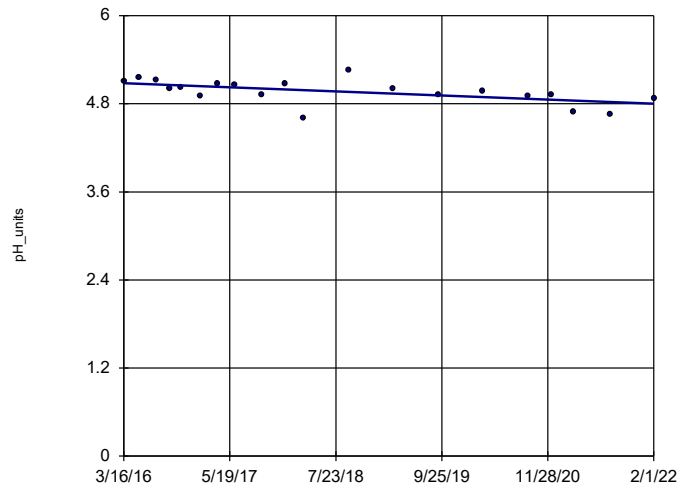


n = 19
 Slope = -0.03662 units per year.
 Mann-Kendall statistic = -47
 critical = -74
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWC-45

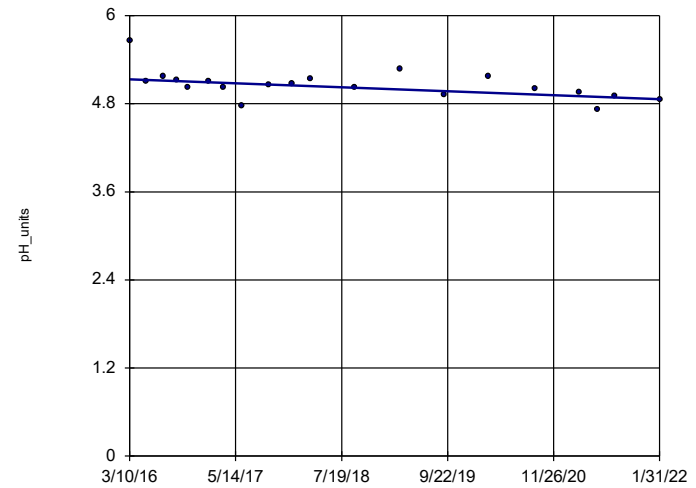


n = 20
 Slope = -0.0475 units per year.
 Mann-Kendall statistic = -94
 critical = -81
 Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

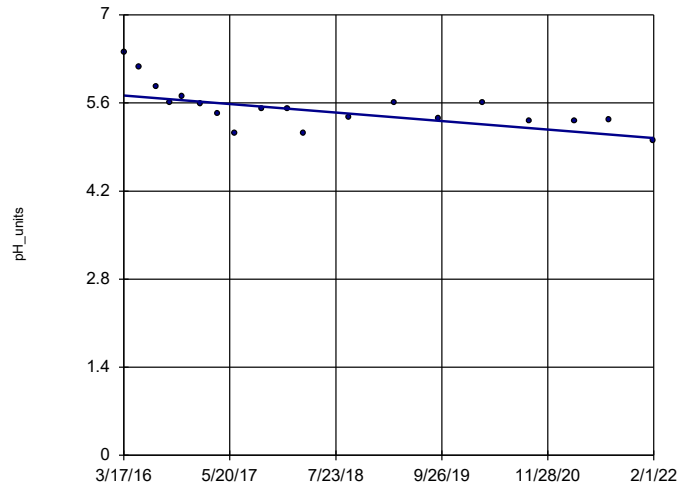
GWC-48



n = 20
 Slope = -0.04523 units per year.
 Mann-Kendall statistic = -87
 critical = -81
 Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

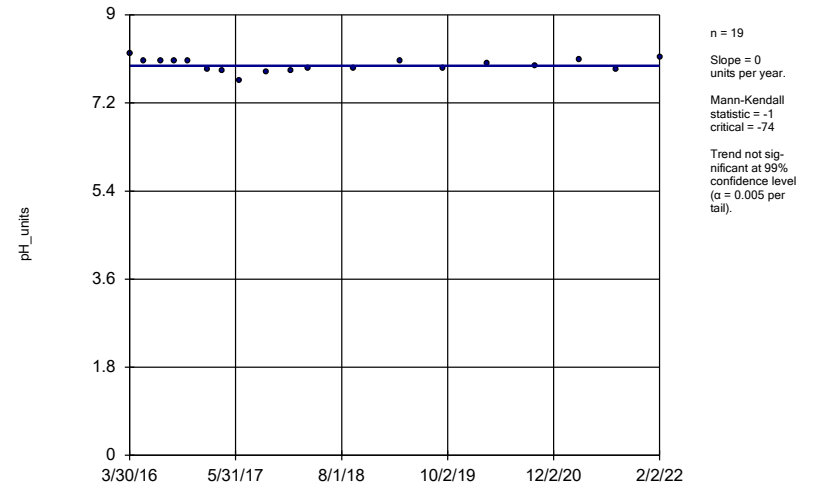
Constituent: pH Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWC-49Z



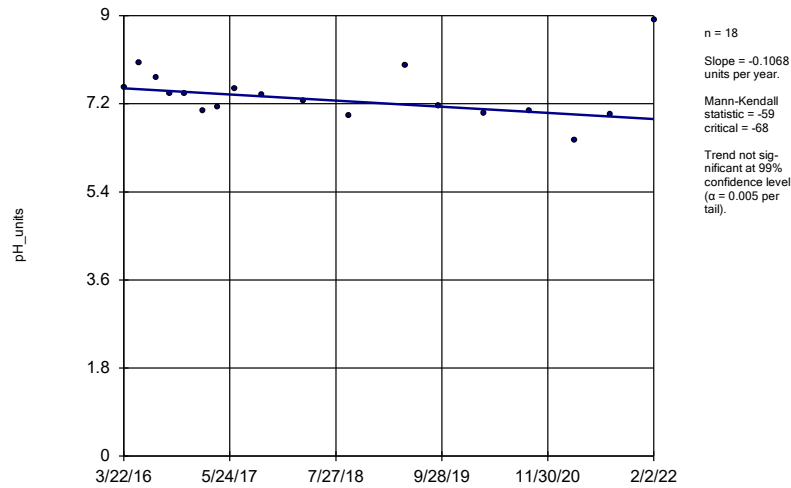
Constituent: pH Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWC-8RR



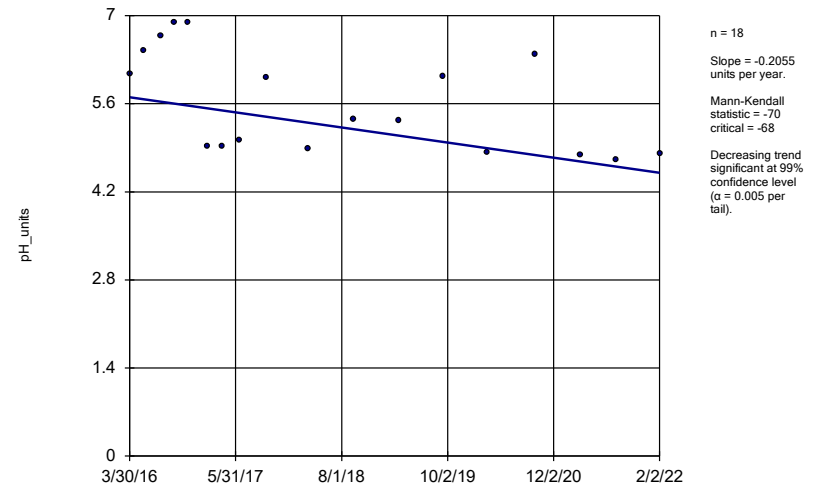
Constituent: pH Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWC-8Z



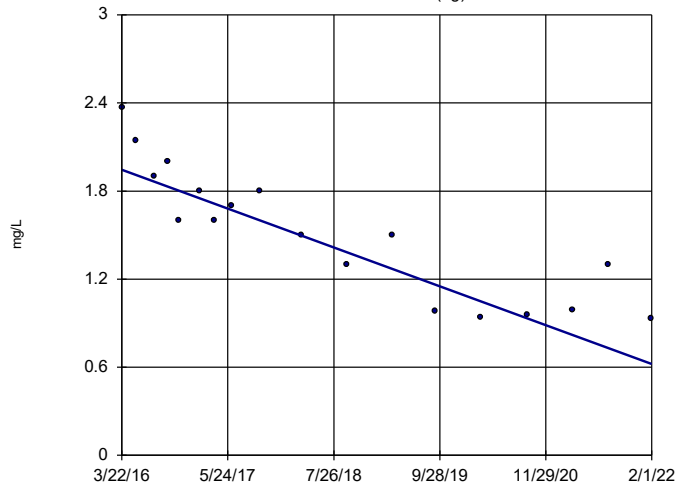
Constituent: pH Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWC-9



Constituent: pH Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

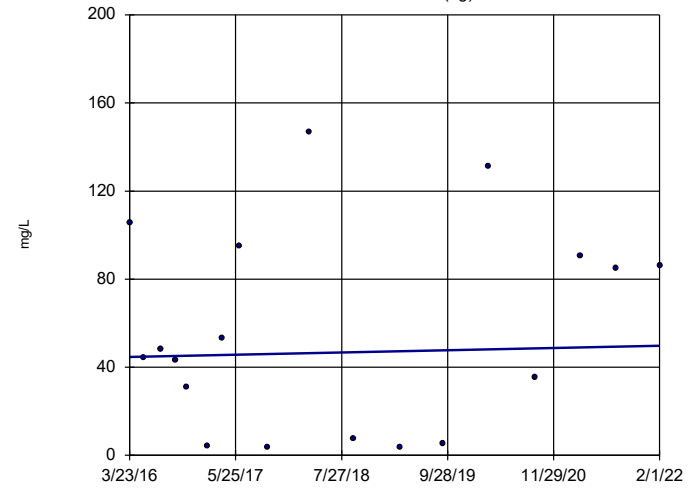
Sen's Slope Estimator
GWA-1 (bg)



n = 18
Slope = -0.2255
units per year.
Mann-Kendall
statistic = -117
critical = -68
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

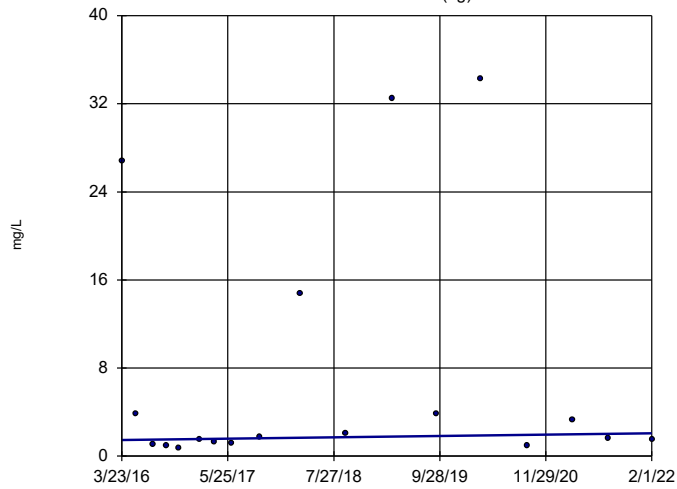
Sen's Slope Estimator
GWA-2 (bg)



n = 18
Slope = 0.8739
units per year.
Mann-Kendall
statistic = 5
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

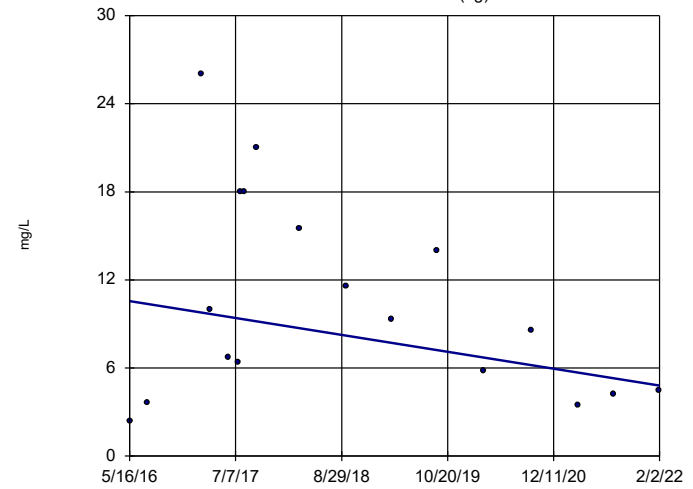
Sen's Slope Estimator
GWA-2R (bg)



n = 18
Slope = 0.1007
units per year.
Mann-Kendall
statistic = 20
critical = 68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-39RZ (bg)

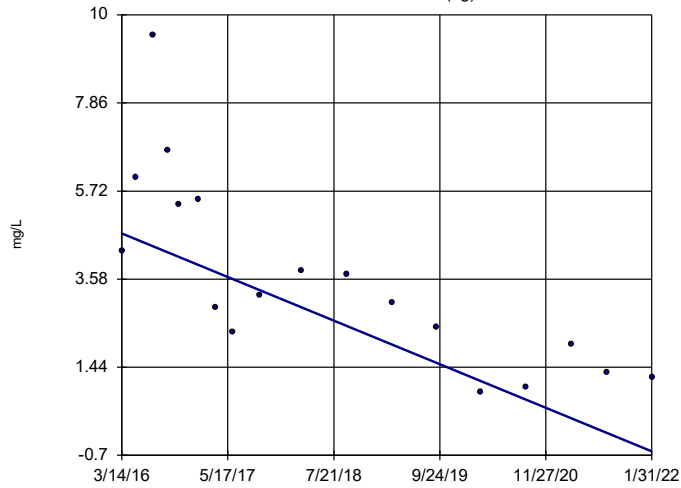


n = 18
Slope = -1.008
units per year.
Mann-Kendall
statistic = -28
critical = -68
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-39Z (bg)

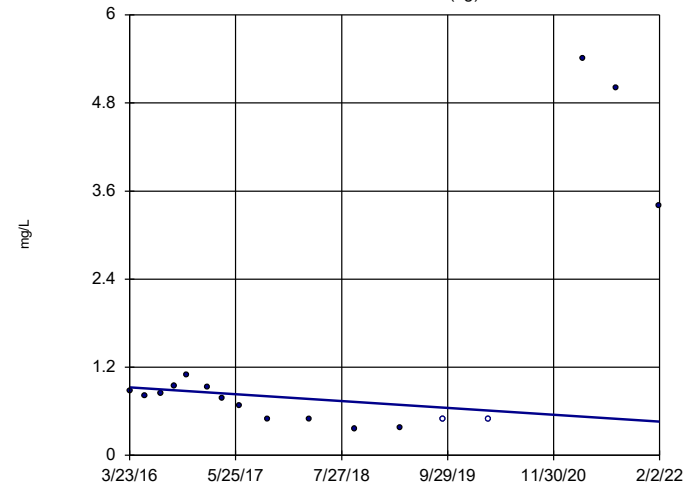


n = 18
 Slope = -0.8985
 units per year.
 Mann-Kendall
 statistic = -101
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-3A (bg)

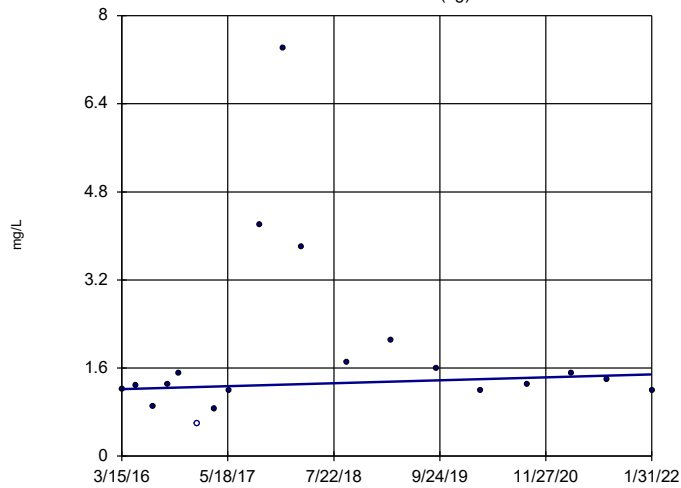


n = 17
 Slope = -0.08002
 units per year.
 Mann-Kendall
 statistic = -13
 critical = -63
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-40 (bg)

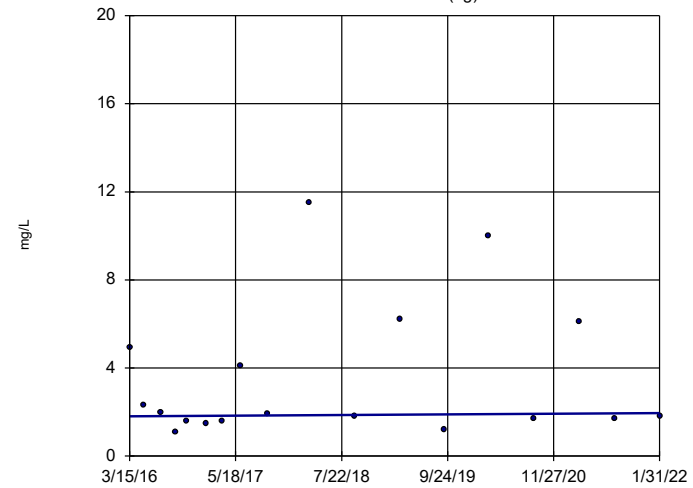


n = 19
 Slope = 0.0447
 units per year.
 Mann-Kendall
 statistic = 20
 critical = 74
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

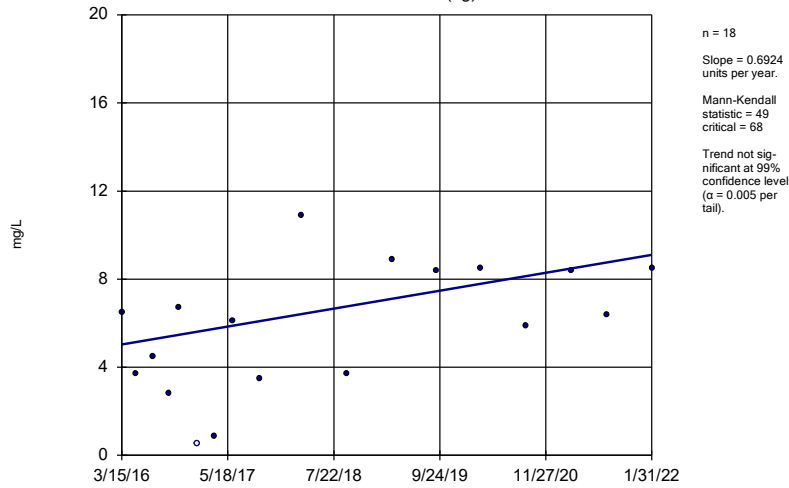
GWA-41 (bg)



n = 18
 Slope = 0.02594
 units per year.
 Mann-Kendall
 statistic = 8
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

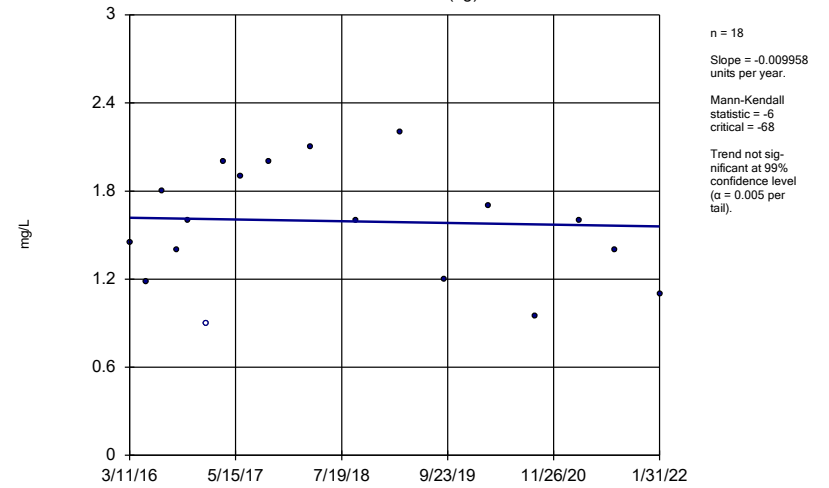
Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-41R (bg)



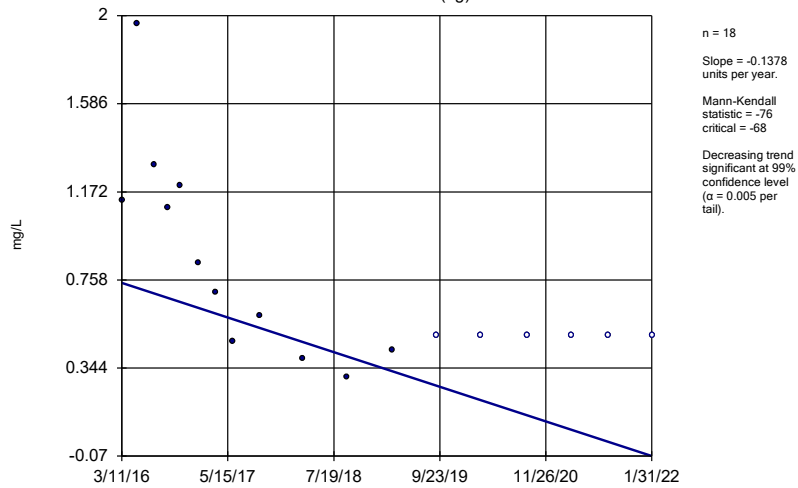
Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-42 (bg)



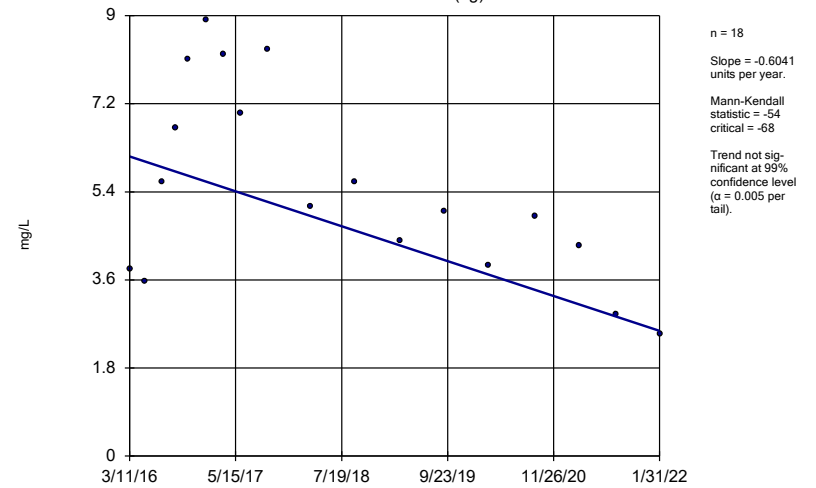
Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator
GWA-43 (bg)



Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

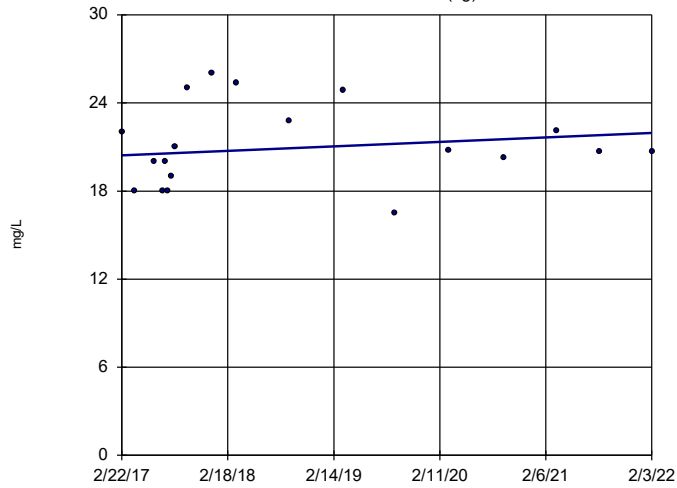
Sen's Slope Estimator
GWA-43R (bg)



Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-4RZ (bg)

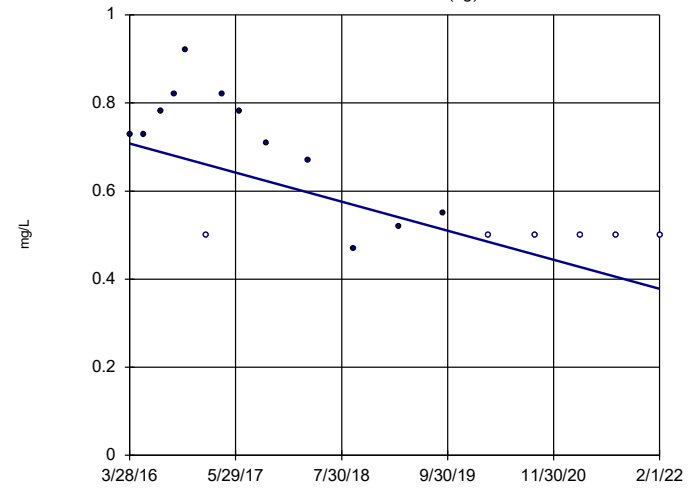


n = 19
 Slope = 0.3088
 units per year.
 Mann-Kendall
 statistic = 26
 critical = 74
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50 (bg)

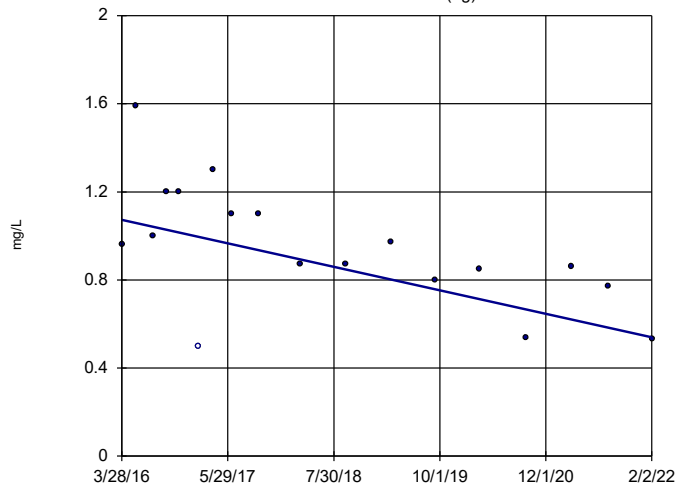


n = 18
 Slope = -0.05637
 units per year.
 Mann-Kendall
 statistic = -80
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50R (bg)

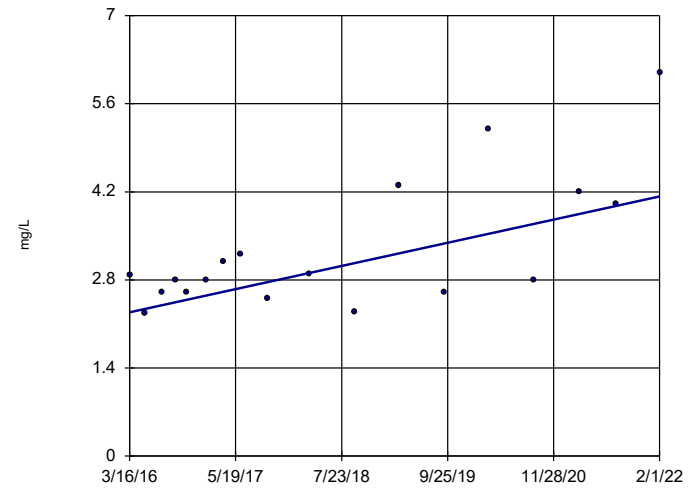


n = 18
 Slope = -0.09098
 units per year.
 Mann-Kendall
 statistic = -82
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

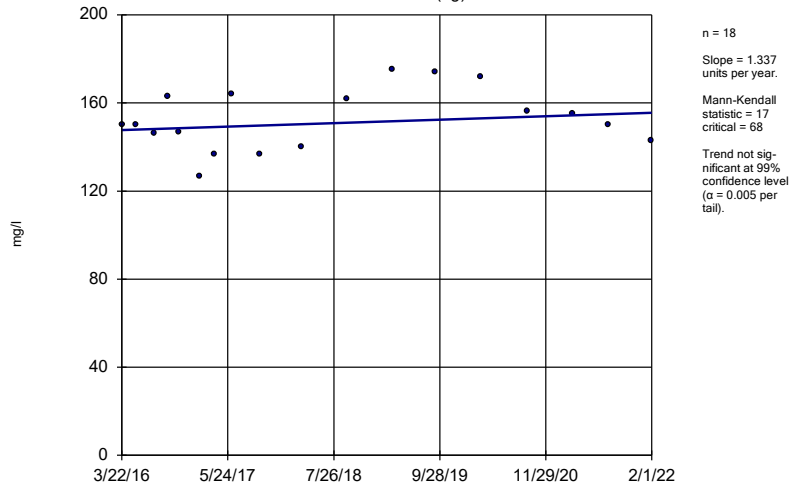
GWC-45R



n = 18
 Slope = 0.3127
 units per year.
 Mann-Kendall
 statistic = 63
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

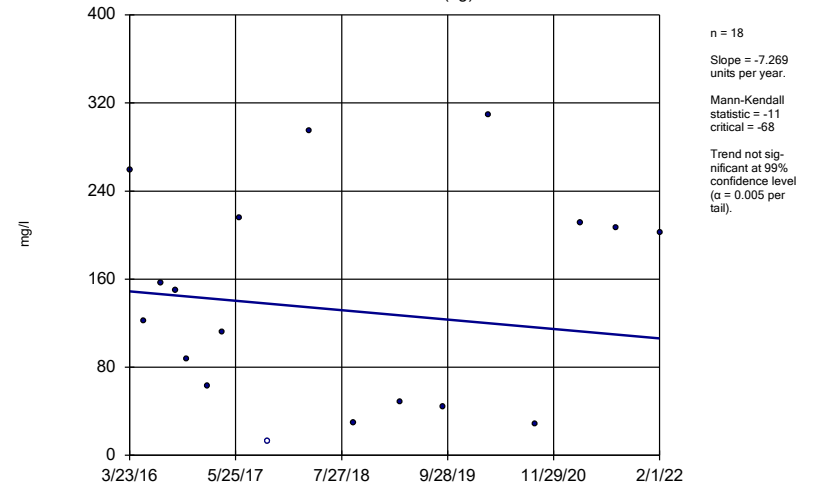
Constituent: Sulfate, total Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-1 (bg)



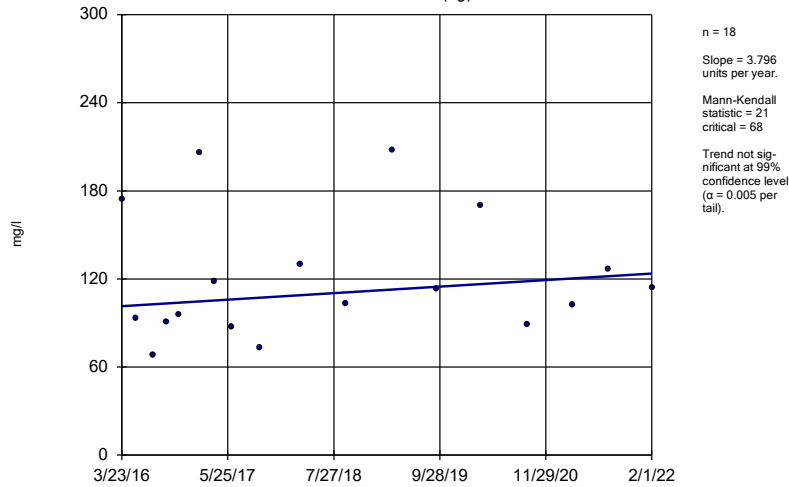
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-2 (bg)



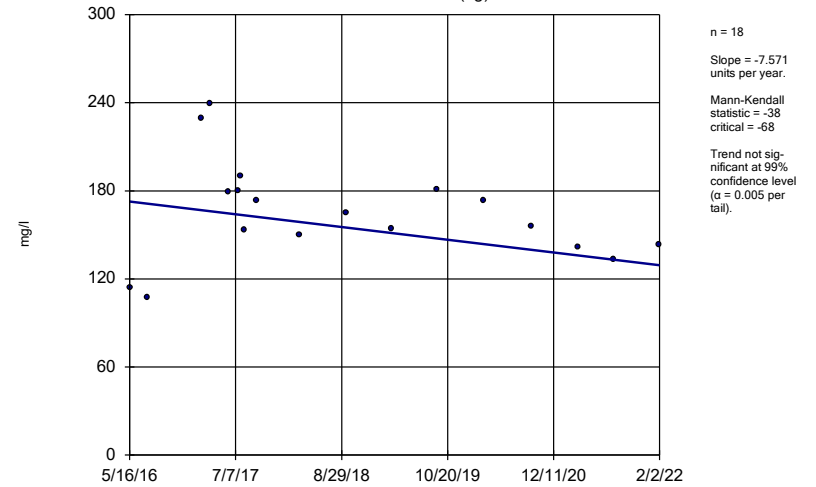
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator GWA-2R (bg)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

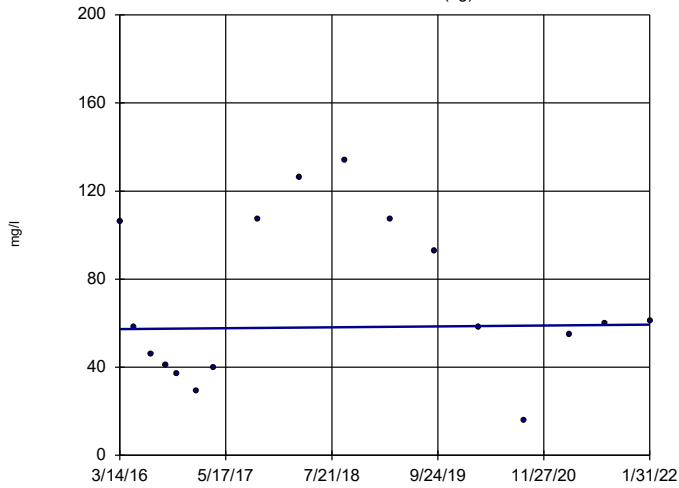
Sen's Slope Estimator GWA-39RZ (bg)



Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-39Z (bg)

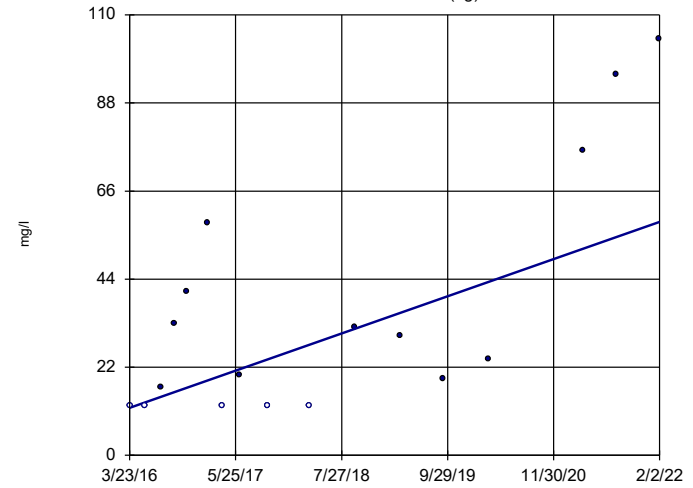


n = 17
 Slope = 0.3575
 units per year.
 Mann-Kendall
 statistic = 4
 critical = 63
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-3A (bg)

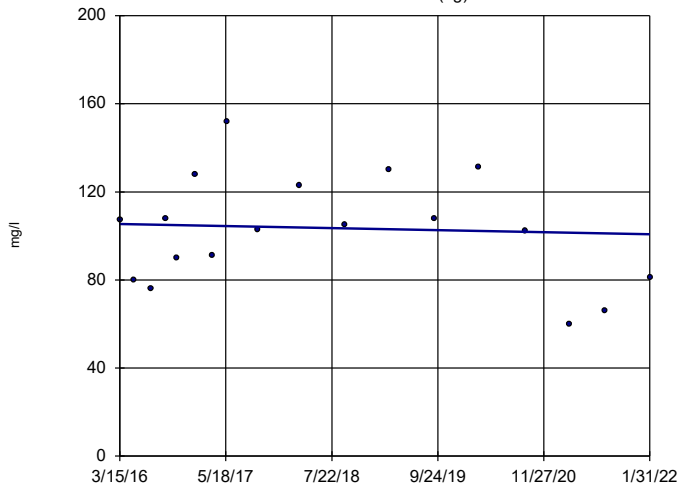


n = 17
 Slope = 7.912
 units per year.
 Mann-Kendall
 statistic = 56
 critical = 63
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-40 (bg)

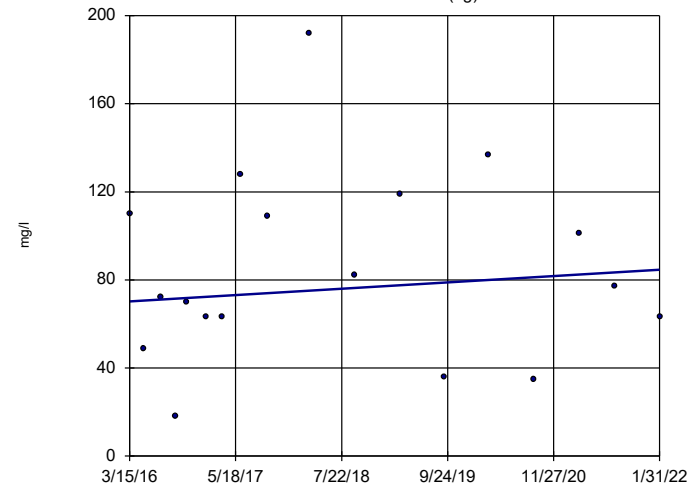


n = 18
 Slope = -0.8013
 units per year.
 Mann-Kendall
 statistic = -4
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-41 (bg)

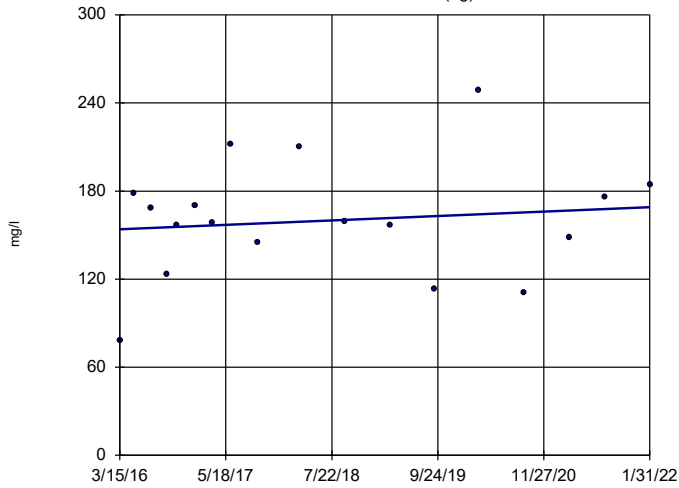


n = 18
 Slope = 2.445
 units per year.
 Mann-Kendall
 statistic = 8
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-41R (bg)

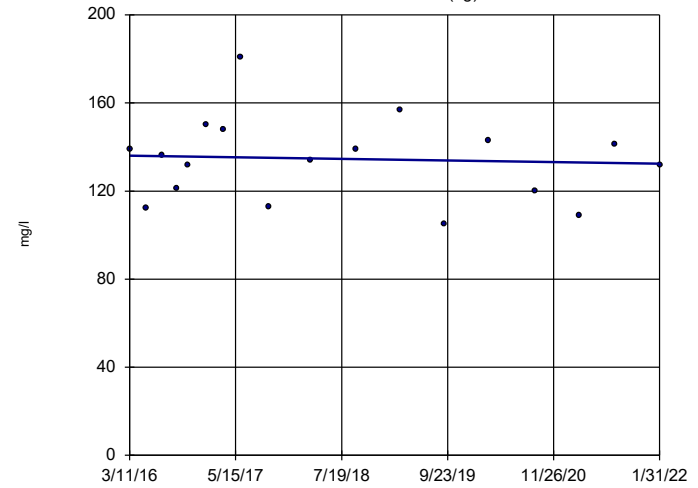


n = 18
 Slope = 2.535
 units per year.
 Mann-Kendall
 statistic = 14
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-42 (bg)

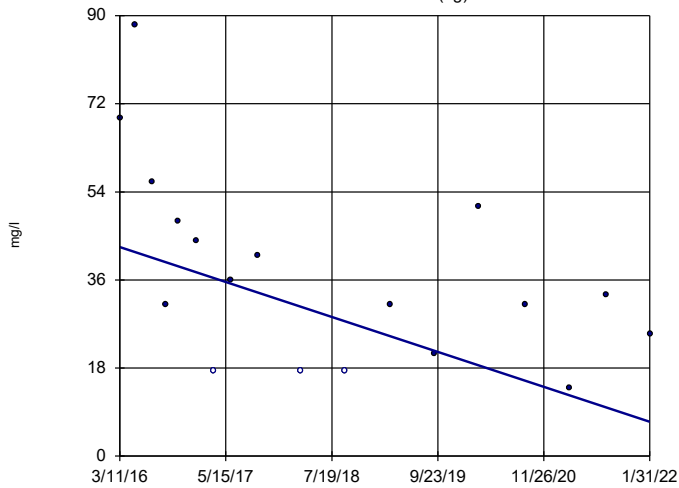


n = 18
 Slope = -0.6222
 units per year.
 Mann-Kendall
 statistic = -7
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-43 (bg)

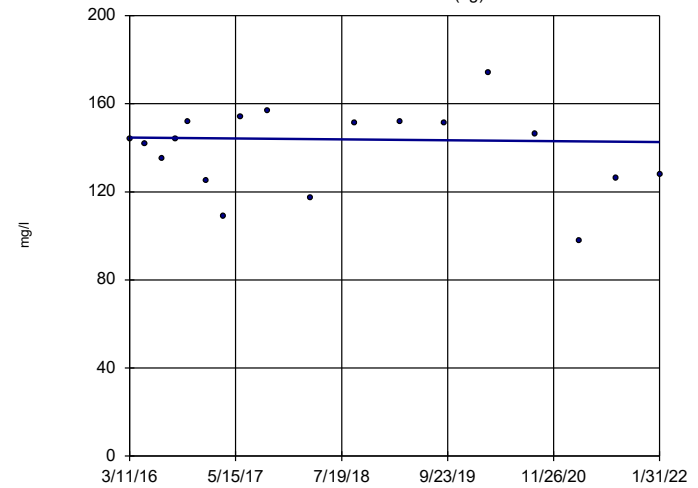


n = 18
 Slope = -6.052
 units per year.
 Mann-Kendall
 statistic = -65
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-43R (bg)

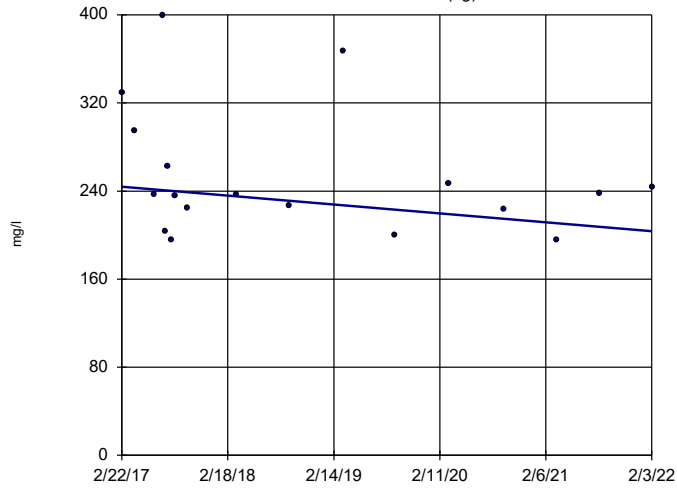


n = 18
 Slope = -0.35
 units per year.
 Mann-Kendall
 statistic = -4
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-4RZ (bg)

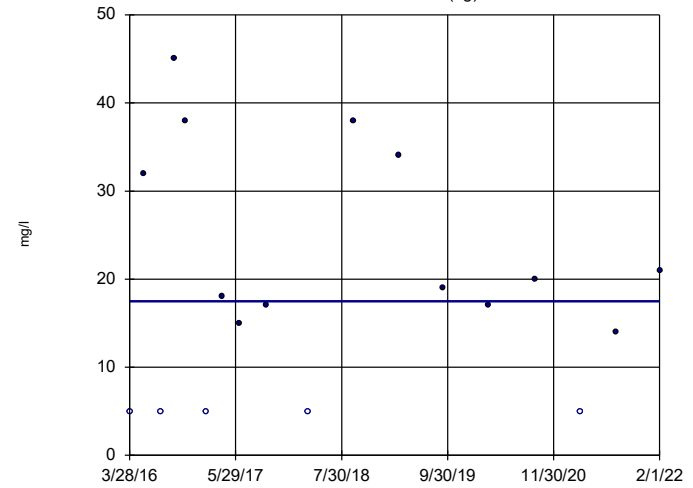


n = 18
 Slope = -8.111
 units per year.
 Mann-Kendall
 statistic = -32
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50 (bg)

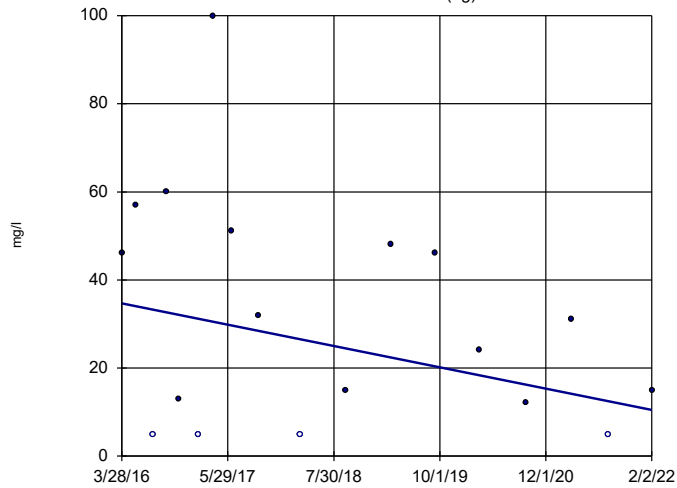


n = 18
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 1
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWA-50R (bg)

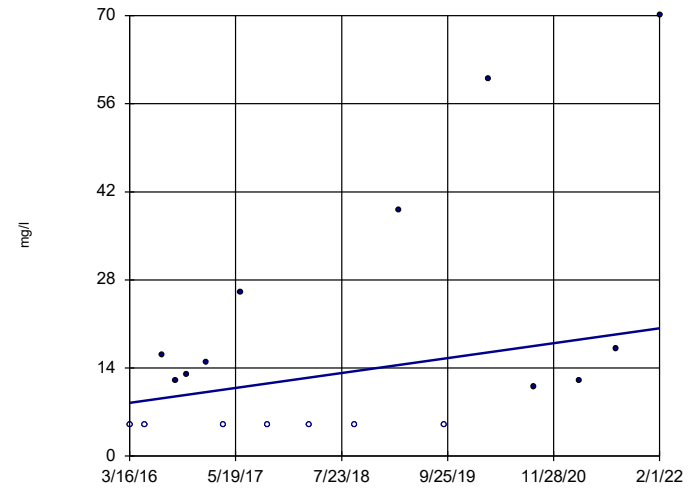


n = 18
 Slope = -4.124
 units per year.
 Mann-Kendall
 statistic = -33
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sen's Slope Estimator

GWC-45

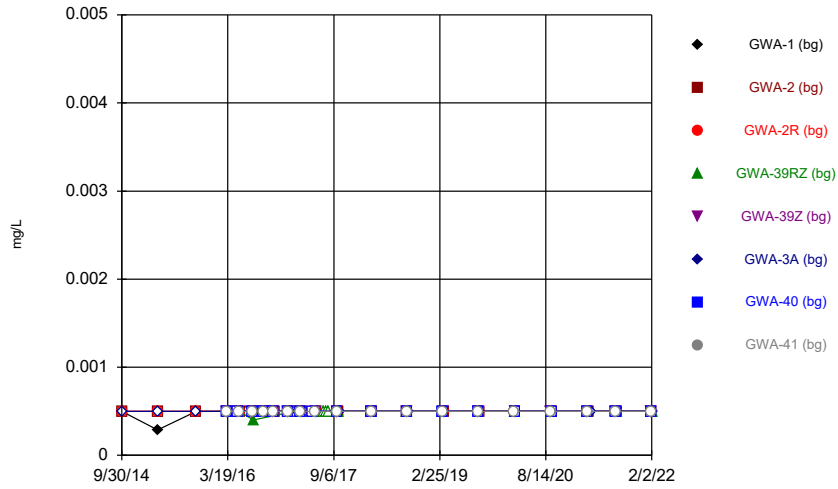


n = 18
 Slope = 2.017
 units per year.
 Mann-Kendall
 statistic = 43
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/4/2022 2:24 PM View: Appendix III Trend Tests
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

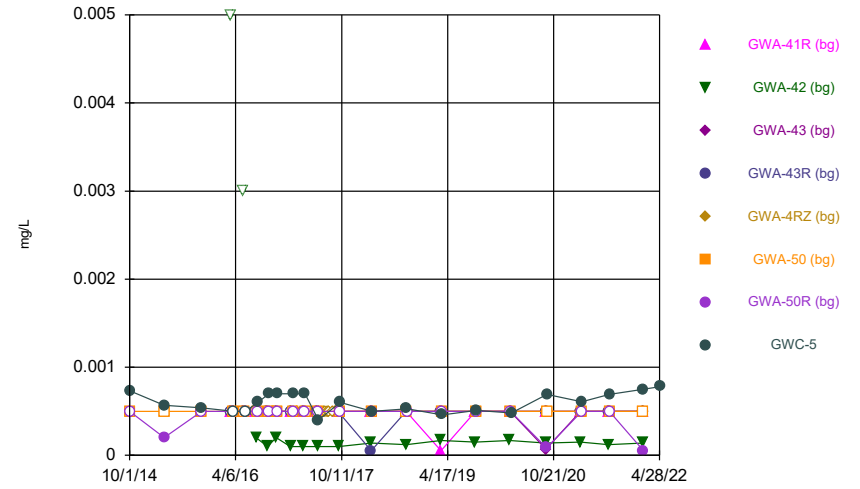
FIGURE S.

Time Series



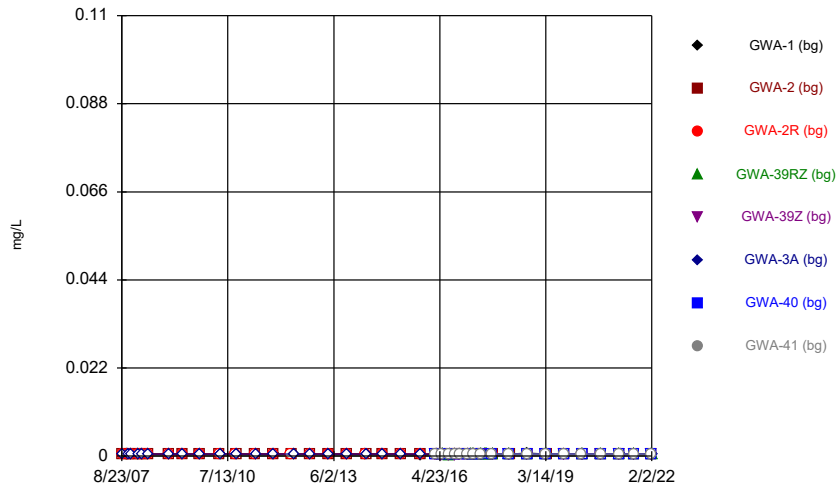
Constituent: Beryllium Analysis Run 5/9/2022 10:40 AM View: Resample Reports
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



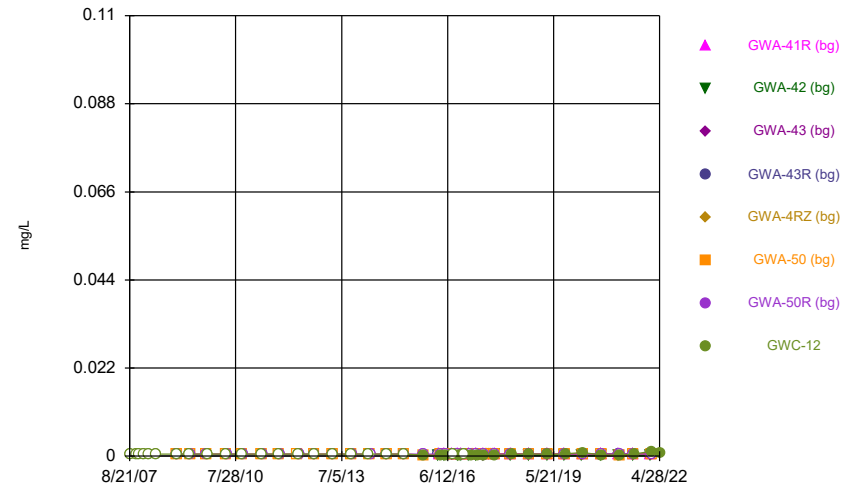
Constituent: Beryllium Analysis Run 5/9/2022 10:40 AM View: Resample Reports
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



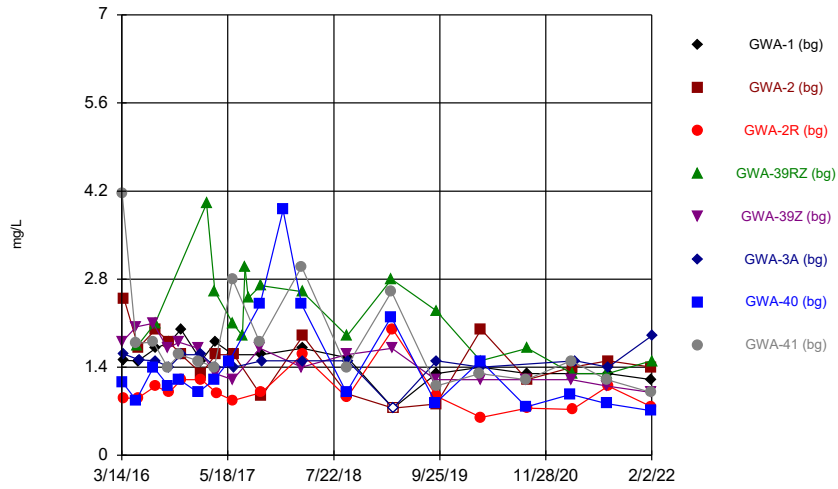
Constituent: Cadmium Analysis Run 5/9/2022 10:40 AM View: Resample Reports
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



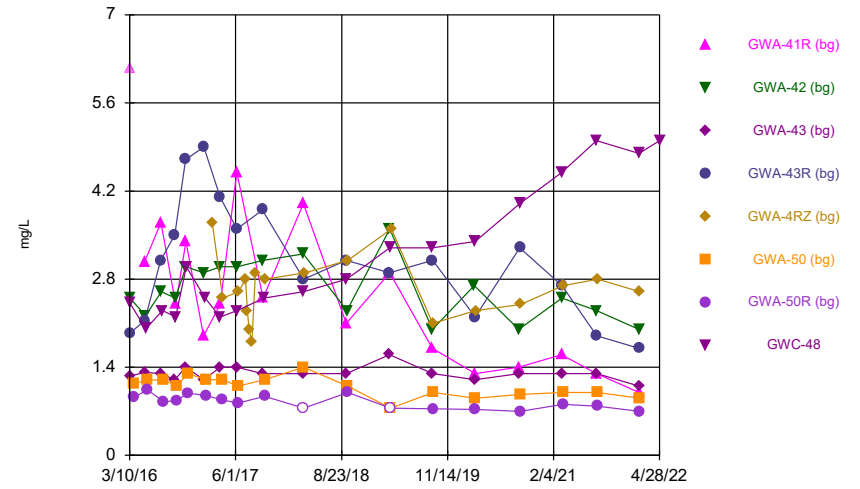
Constituent: Cadmium Analysis Run 5/9/2022 10:40 AM View: Resample Reports
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



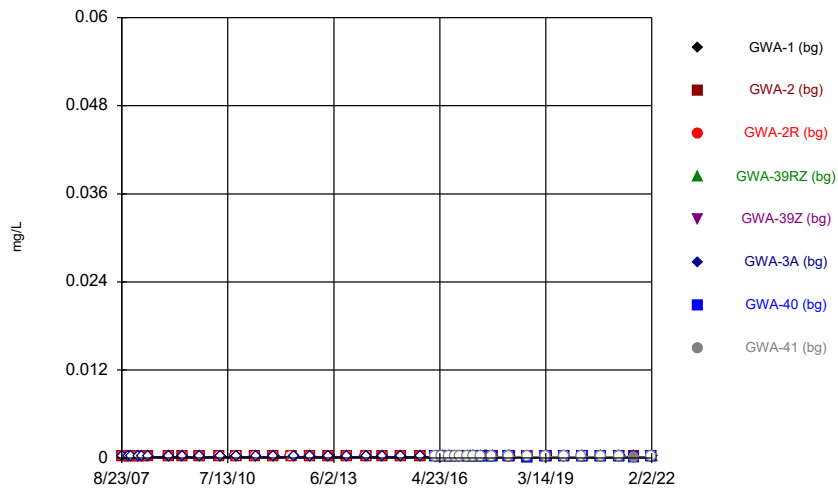
Constituent: Chloride, Total Analysis Run 5/9/2022 10:40 AM View: Resample Reports
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



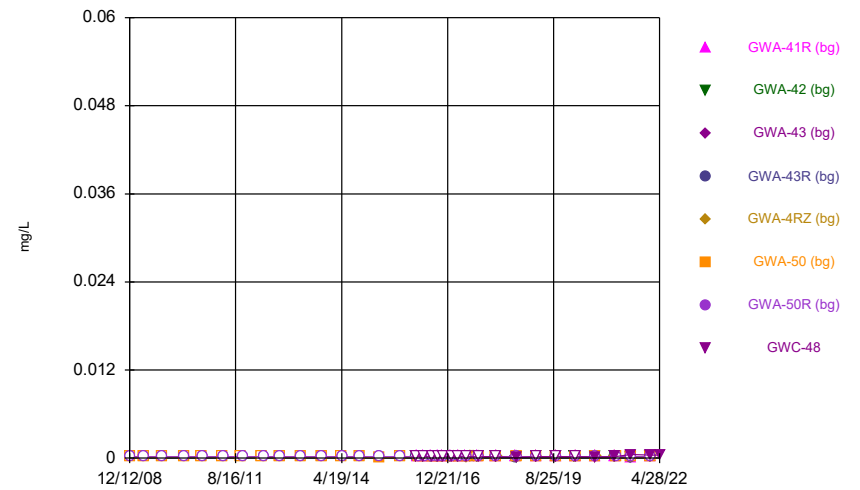
Constituent: Chloride, Total Analysis Run 5/9/2022 10:40 AM View: Resample Reports
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



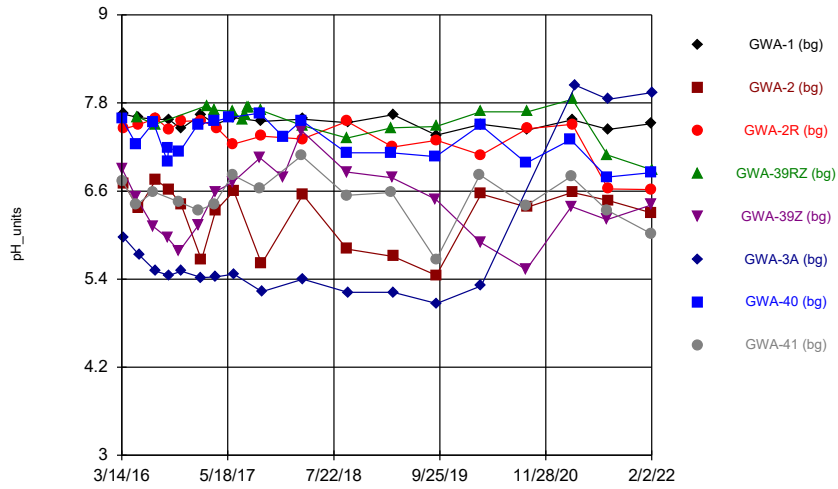
Constituent: Mercury Analysis Run 5/9/2022 10:41 AM View: Resample Reports
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



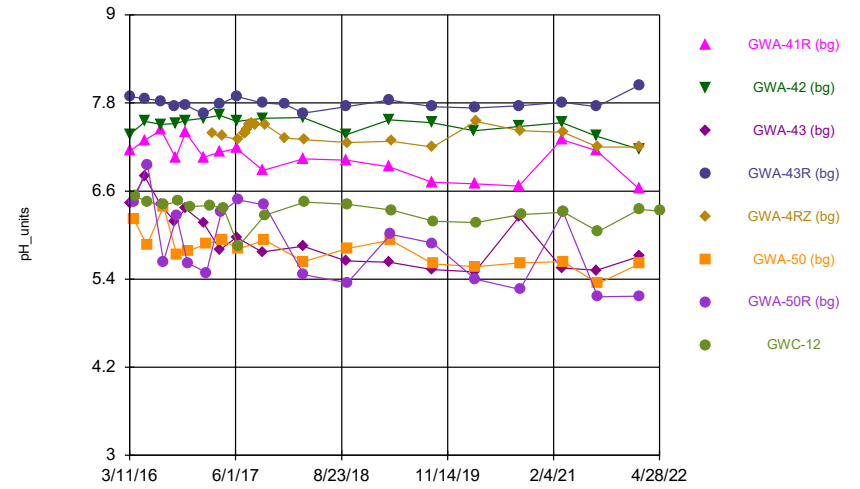
Constituent: Mercury Analysis Run 5/9/2022 10:41 AM View: Resample Reports
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



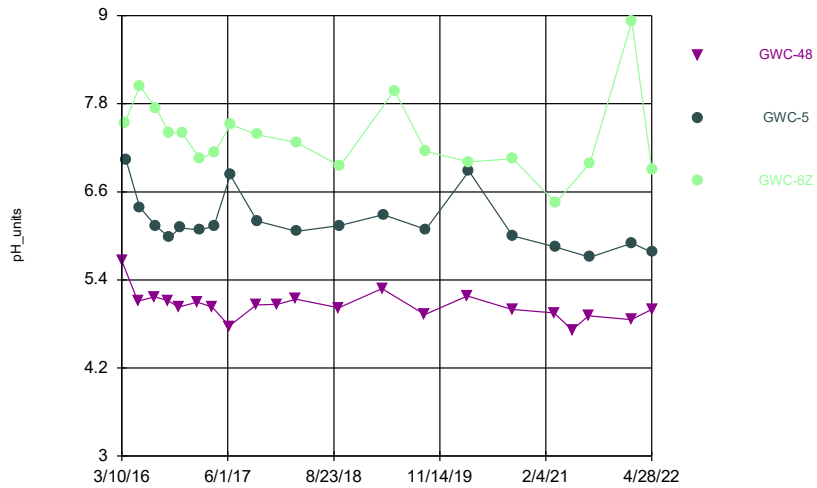
Constituent: pH Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



Constituent: pH Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series



Constituent: pH Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
9/30/2014	<0.0005	<0.0005	<0.0005					
10/4/2014						<0.0005		
3/30/2015	0.00029 (J)	<0.0005	<0.0005					
3/31/2015						<0.0005		
10/12/2015						<0.0005		
10/13/2015	<0.0005	<0.0005	<0.0005					
3/14/2016					<0.0005			
3/15/2016							<0.0005	<0.0005
3/22/2016	<0.0005							
3/23/2016		<0.0005	<0.0005			<0.0005		
5/11/2016					<0.0005		<0.0005	
5/12/2016								<0.0005
5/16/2016				<0.0005 (D)				
5/19/2016	<0.0005		<0.0005					
5/20/2016		<0.0005						
5/23/2016						<0.0005		
7/19/2016					<0.0005			
7/20/2016								<0.0005
7/21/2016							<0.0005	
7/27/2016				0.0004 (JD)				
7/29/2016	<0.0005	<0.0005	<0.0005			<0.0005		
9/15/2016					<0.0005		<0.0005	<0.0005
9/22/2016			<0.0005			<0.0005		
9/23/2016	<0.0005	<0.0005						
11/2/2016					<0.0005			
11/3/2016							<0.0005	<0.0005
11/9/2016	<0.0005	<0.0005						
11/10/2016			<0.0005			<0.0005		
1/17/2017							<0.0005	
1/18/2017					<0.0005			<0.0005
1/30/2017	<0.0005							
1/31/2017		<0.0005	<0.0005			<0.0005		
2/21/2017				<0.0005				
3/24/2017							<0.0005	<0.0005
3/27/2017				<0.0005 (D)				
3/28/2017					<0.0005			
3/30/2017	<0.0005	<0.0005				<0.0005		
4/3/2017			<0.0005					
5/24/2017							<0.0005	
6/6/2017								<0.0005
6/7/2017					<0.0005			
6/8/2017				<0.0005 (D)				
6/9/2017	<0.0005		<0.0005					
6/12/2017		<0.0005				<0.0005		
7/17/2017				<0.0005 (D)				
7/27/2017				<0.0005				
8/9/2017				<0.0005				
9/25/2017								<0.0005
9/26/2017					<0.0005		<0.0005	
9/29/2017				<0.0005 (D)				
10/2/2017	<0.0005	<0.0005	<0.0005					
10/4/2017						<0.0005		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
3/14/2018					<0.0005		<0.0005	<0.0005
3/16/2018	<0.0005		<0.0005	<0.0005				
3/19/2018		<0.0005				<0.0005		
9/12/2018					<0.0005		<0.0005	<0.0005
9/14/2018		<0.0005	<0.0005	<0.0005				
9/17/2018	<0.0005 (D)					<0.0005		
3/13/2019							<0.0005	
3/14/2019				<0.0005				<0.0005
3/15/2019					<0.0005			
3/19/2019			<0.0005					
3/20/2019	<0.0005	<0.0005				<0.0005		
9/9/2019					<0.0005		<0.0005	
9/10/2019								<0.0005 (D)
9/12/2019	<0.0005	<0.0005 (D)						
9/13/2019			<0.0005			<0.0005		
3/6/2020								<0.0005
3/9/2020				<0.0005	<0.0005		<0.0005	
3/11/2020	<0.0005	<0.0005	<0.0005			<0.0005		
9/10/2020					<0.0005			<0.0005
9/11/2020							<0.0005	
9/15/2020	<0.0005	<0.0005	<0.0005					
9/16/2020				<0.0005				
3/10/2021							<0.0005	
3/11/2021								<0.0005
3/12/2021					<0.0005			
3/16/2021	<0.0005		<0.0005	<0.0005				
3/17/2021		<0.0005						
3/29/2021						<0.0005		
8/4/2021					<0.0005		<0.0005	<0.0005
8/6/2021				<0.0005				
8/9/2021	<0.0005	<0.0005	<0.0005			<0.0005		
1/31/2022					<0.0005		<0.0005	<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005					
2/2/2022				<0.0005		<0.0005		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5
10/1/2014						<0.0005	<0.0005	
10/3/2014								0.00073 (J)
3/30/2015						<0.0005	0.0002 (J)	
3/31/2015								0.00057 (J)
10/11/2015						<0.0005	<0.0005	
10/12/2015								0.00054 (J)
3/11/2016		<0.005 (O)	<0.0005	<0.0005				
3/15/2016	<0.0005							
3/28/2016						<0.0005	<0.0005	<0.0005
5/13/2016	<0.0005		<0.0005	<0.0005				
5/16/2016		<0.003 (O)						
5/23/2016						<0.0005		
5/25/2016							<0.0005	<0.0005
7/19/2016			<0.0005	<0.0005				
7/21/2016	<0.0005							
7/22/2016		0.0002 (J)						
8/1/2016						<0.0005	<0.0005	0.0006 (J)
9/16/2016			<0.0005	<0.0005				
9/19/2016		0.0001 (J)						
9/21/2016	<0.0005							
9/26/2016						<0.0005	<0.0005	
9/27/2016								0.0007 (J)
11/2/2016			<0.0005	<0.0005				
11/3/2016	<0.0005	0.0002 (J)						
11/10/2016						<0.0005		
11/11/2016							<0.0005	0.0007 (J)
1/17/2017	<0.0005	0.0001 (J)						
1/18/2017			<0.0005	<0.0005				
1/30/2017						<0.0005	<0.0005	
1/31/2017								0.0007 (J)
2/22/2017					<0.0005			
3/27/2017	<0.0005	0.0001 (J)						
3/28/2017			<0.0005	<0.0005				
4/3/2017							<0.0005	0.0007 (J)
4/7/2017					<0.0005	<0.0005		
6/6/2017	<0.0005		<0.0005	<0.0005				
6/7/2017		0.0001 (J)						
6/12/2017						<0.0005	<0.0005	0.0004 (J)
6/14/2017					<0.0005 (D)			
7/12/2017					<0.0005 (D)			
7/20/2017					<0.0005 (D)			
7/28/2017					<0.0005			
8/9/2017					<0.0005			
8/24/2017					<0.0005			
9/22/2017			<0.0005	<0.0005				
9/25/2017	<0.0005							
9/26/2017		0.0001 (J)						
10/2/2017						<0.0005	<0.0005	
10/3/2017					<0.0005 (D)			0.0006 (J)
3/14/2018	<0.0005	0.00014 (J)	<0.0005					
3/15/2018				5.1E-05 (J)				
3/16/2018						<0.0005	<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
8/23/2007	<0.0005	<0.0005	<0.0005			<0.0005		
10/23/2007	<0.0005							
10/24/2007		<0.0005	<0.0005					
11/2/2007						<0.0005		
11/18/2007	<0.0005	<0.0005	<0.0005			<0.0005		
1/30/2008	<0.0005							
1/31/2008		<0.0005	<0.0005			<0.0005		
3/10/2008	<0.0005		<0.0005					
3/11/2008		<0.0005				<0.0005		
5/6/2008		<0.0005						
5/13/2008	<0.0005		<0.0005					
5/14/2008						<0.0005		
12/4/2008		<0.0005	<0.0005					
12/5/2008	<0.0005					<0.0005		
4/15/2009	<0.0005					<0.0005		
4/21/2009		<0.0005	<0.0005					
10/7/2009	<0.0005	<0.0005						
10/8/2009			<0.0005			<0.0005		
4/21/2010			<0.0005					
4/26/2010		<0.0005						
4/28/2010						<0.0005		
5/3/2010	<0.0005							
9/28/2010			<0.0005					
10/4/2010		<0.0005						
10/6/2010						<0.0005		
10/12/2010	<0.0005							
4/12/2011			<0.0005					
4/13/2011		<0.0005						
4/21/2011						<0.0005		
4/27/2011	<0.0005							
10/4/2011			<0.0005					
10/5/2011		<0.0005						
10/13/2011						<0.0005		
10/17/2011	<0.0005							
4/3/2012			<0.0005					
4/11/2012		<0.0005						
5/1/2012						<0.0005		
5/2/2012	<0.0005							
10/8/2012	<0.0005							
10/9/2012		<0.0005	<0.0005			<0.0005		
4/11/2013			<0.0005			<0.0005		
4/12/2013	<0.0005							
4/15/2013		<0.0005						
10/15/2013		<0.0005						
10/16/2013	<0.0005		<0.0005			<0.0005		
4/10/2014			<0.0005					
4/11/2014	<0.0005							
4/22/2014		<0.0005						
4/23/2014						<0.0005		
9/30/2014	<0.0005	<0.0005	<0.0005					
10/4/2014						<0.0005		
3/30/2015	<0.0005	<0.0005	<0.0005					

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
3/31/2015						<0.0005		
10/12/2015						<0.0005		
10/13/2015	0.0003 (J)	<0.0005	<0.0005					
3/14/2016					<0.0005			
3/15/2016							<0.0005	<0.0005
3/22/2016	<0.0005							
3/23/2016		<0.0005	<0.0005			<0.0005		
5/11/2016					0.000177 (J)		<0.0005	
5/12/2016								<0.0005
5/16/2016				<0.0005 (D)				
5/19/2016	<0.0005		<0.0005					
5/20/2016		<0.0005						
5/23/2016						<0.0005		
7/19/2016					0.0001 (J)			
7/20/2016								<0.0005
7/21/2016							<0.0005	
7/27/2016				0.0001 (JD)				
7/29/2016	<0.0005	<0.0005	<0.0005			<0.0005		
9/15/2016					8E-05 (J)		<0.0005	<0.0005
9/22/2016			<0.0005			<0.0005		
9/23/2016	<0.0005	<0.0005						
11/2/2016					<0.0005			
11/3/2016							<0.0005	<0.0005
11/9/2016	<0.0005	<0.0005						
11/10/2016			<0.0005			<0.0005		
1/17/2017							<0.0005	
1/18/2017					<0.0005			<0.0005
1/30/2017	<0.0005							
1/31/2017		<0.0005	<0.0005			<0.0005		
2/21/2017				<0.0005				
3/24/2017							<0.0005	<0.0005
3/27/2017				<0.0005 (D)				
3/28/2017					<0.0005			
3/30/2017	<0.0005	<0.0005				<0.0005		
4/3/2017			<0.0005					
5/24/2017							<0.0005	
6/6/2017								<0.0005
6/7/2017					<0.0005			
6/8/2017				<0.0005 (D)				
6/9/2017	<0.0005		<0.0005					
6/12/2017		<0.0005				<0.0005		
7/17/2017				<0.0005 (D)				
7/27/2017				<0.0005				
8/9/2017				<0.0005				
9/25/2017								<0.0005
9/26/2017					<0.0005		<0.0005	
9/29/2017				<0.0005 (D)				
10/2/2017	<0.0005	<0.0005	<0.0005					
10/4/2017						<0.0005		
3/14/2018					<0.0005		<0.0005	<0.0005
3/16/2018	<0.0005		<0.0005	<0.0005				
3/19/2018		<0.0005				<0.0005		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
9/12/2018					<0.0005		<0.0005	<0.0005
9/14/2018		<0.0005	<0.0005	<0.0005				
9/17/2018	0.00076 (D)					<0.0005		
3/13/2019							<0.0005	
3/14/2019				<0.0005				<0.0005
3/15/2019					<0.0005			
3/19/2019			<0.0005					
3/20/2019	<0.0005	<0.0005				<0.0005		
9/9/2019					<0.0005		<0.0005	
9/10/2019								<0.0005 (D)
9/12/2019	<0.0005	<0.0005 (D)						
9/13/2019			<0.0005			<0.0005		
3/6/2020								<0.0005
3/9/2020				<0.0005	<0.0005		<0.0005	
3/11/2020	<0.0005	<0.0005	<0.0005			<0.0005		
9/10/2020					<0.0005			<0.0005
9/11/2020							<0.0005	
9/15/2020	<0.0005	<0.0005	<0.0005					
9/16/2020				<0.0005				
3/10/2021							<0.0005	
3/11/2021								<0.0005
3/12/2021					<0.0005			
3/16/2021	<0.0005		<0.0005	<0.0005				
3/17/2021		<0.0005						
3/29/2021						<0.0005		
8/4/2021					<0.0005		<0.0005	<0.0005
8/6/2021				<0.0005				
8/9/2021	<0.0005	<0.0005	<0.0005			<0.0005		
1/31/2022					<0.0005		<0.0005	<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005					
2/2/2022				<0.0005		<0.0005		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-12
8/21/2007								<0.0005
11/1/2007								<0.0005
11/19/2007								<0.0005
1/16/2008								<0.0005
3/5/2008								<0.0005
5/13/2008								<0.0005
12/12/2008						<0.0005	<0.0005	
12/13/2008								<0.0005
4/16/2009								<0.0005
4/23/2009						<0.0005	<0.0005	
10/6/2009						<0.0005	<0.0005	
10/21/2009								<0.0005
4/27/2010						<0.0005		<0.0005
5/3/2010							<0.0005	
9/30/2010						<0.0005		
10/5/2010								<0.0005
10/11/2010							<0.0005	
4/14/2011						<0.0005		
4/19/2011								<0.0005
4/27/2011							<0.0005	
10/5/2011						<0.0005		
10/12/2011								<0.0005
10/19/2011							<0.0005	
4/11/2012						<0.0005		
4/24/2012								<0.0005
5/1/2012							<0.0005	
10/2/2012						<0.0005	<0.0005	<0.0005
4/2/2013								<0.0005
4/9/2013						<0.0005		
4/10/2013							<0.0005	
10/9/2013								<0.0005
10/15/2013						<0.0005		
10/16/2013							<0.0005	
4/1/2014								<0.0005
4/10/2014						<0.0005		
4/22/2014							<0.0005	
10/1/2014						<0.0005	<0.0005	
10/2/2014								<0.0005
3/30/2015						<0.0005	<0.0005	
4/1/2015								<0.0005
10/11/2015						0.00026 (J)	<0.0005	
10/14/2015								0.00025 (J)
3/11/2016		0.000121 (J)	<0.0005	<0.0005				
3/15/2016	<0.0005							
3/28/2016						<0.0005	<0.0005	
4/4/2016								0.000136 (J)
5/13/2016	<0.0005		<0.0005	<0.0005				
5/16/2016		0.000145 (J)						
5/23/2016						<0.0005		
5/25/2016							<0.0005	
5/27/2016								0.000131 (J)
7/19/2016			<0.0005	<0.0005				

Time Series

Constituent: Cadmium (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-12
7/21/2016	<0.0005							
7/22/2016		<0.0005						
8/1/2016						<0.0005	<0.0005	
8/3/2016								<0.0005
9/16/2016			<0.0005	<0.0005				
9/19/2016		0.0001 (J)						
9/21/2016	<0.0005							
9/26/2016						<0.0005	<0.0005	
9/30/2016								9E-05 (J)
11/2/2016			<0.0005	<0.0005				
11/3/2016	<0.0005	8E-05 (J)						
11/10/2016						<0.0005		
11/11/2016							<0.0005	
11/22/2016								<0.0005
1/17/2017	<0.0005	0.0001 (J)						
1/18/2017			<0.0005	<0.0005				
1/30/2017						<0.0005	<0.0005	
2/13/2017								0.0001 (J)
2/22/2017					<0.0005			
3/27/2017	<0.0005	0.0002 (J)						
3/28/2017			<0.0005	<0.0005				
4/3/2017							<0.0005	
4/7/2017					<0.0005	<0.0005		
4/11/2017								0.0003 (J)
6/6/2017	<0.0005		8E-05 (J)	<0.0005				
6/7/2017		0.0001 (J)						
6/12/2017						<0.0005	<0.0005	
6/14/2017					<0.0005 (D)			0.0003 (J)
7/12/2017					<0.0005 (D)			
7/20/2017					<0.0005 (D)			
7/28/2017					<0.0005			
8/9/2017					<0.0005			
8/24/2017					<0.0005			
9/22/2017			<0.0005	<0.0005				
9/25/2017	<0.0005							
9/26/2017		<0.0005						
10/2/2017						<0.0005	<0.0005	
10/3/2017					<0.0005 (D)			
10/4/2017								0.0002 (J)
3/14/2018	<0.0005	0.00011 (J)	<0.0005					
3/15/2018				<0.0005				
3/16/2018						<0.0005	<0.0005	
3/21/2018					<0.0005			
3/22/2018								0.00032 (J)
9/12/2018	<0.0005		<0.0005	<0.0005				
9/14/2018		0.00013 (J)						
9/17/2018						<0.0005		
9/18/2018					<0.0005		<0.0005	0.00057 (J)
3/13/2019			<0.0005	<0.0005				
3/14/2019	<0.0005	0.00013 (J)						
3/19/2019						<0.0005	<0.0005	
3/21/2019					<0.0005 (D)			

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
3/14/2016					1.795			
3/15/2016							1.1671	4.1666
3/22/2016	1.5101							
3/23/2016		2.4904	0.9079			1.6092		
5/11/2016					2.04		0.8763	
5/12/2016								1.78
5/16/2016				1.74 (D)				
5/19/2016	1.5		0.9136					
5/20/2016		1.71						
5/23/2016						1.52		
7/19/2016					2.1			
7/20/2016								1.8
7/21/2016							1.4	
7/27/2016				2.1 (D)				
7/29/2016	1.7	2	1.1			1.5		
9/15/2016					1.7			1.4
9/19/2016							1.1	
9/22/2016			1			1.4		
9/23/2016	1.8	1.8						
11/2/2016					1.8			
11/3/2016							1.2	1.6
11/9/2016	2	1.6						
11/10/2016			1.2			1.6		
1/17/2017							1	
1/18/2017					1.7			1.5
1/30/2017	1.5							
1/31/2017		1.3	1.2			1.6		
2/21/2017				4 (D)				
3/24/2017							1.2	1.4
3/27/2017				2.6 (D)				
3/28/2017					1.3			
3/30/2017	1.8	1.6				1.4		
4/3/2017			0.99					
5/24/2017							1.5	
6/6/2017								2.8
6/7/2017					1.2			
6/8/2017				2.1 (D)				
6/9/2017	1.6		0.87					
6/12/2017		1.6				1.4		
7/17/2017				1.9 (D)				
7/27/2017				3 (D)				
8/9/2017				2.5 (D)				
9/25/2017								1.8
9/26/2017					1.7		2.4	
9/29/2017				2.7 (D)				
10/2/2017	1.6	0.94	1					
10/4/2017						1.5		
12/28/2017							3.9 (Y)	
3/14/2018					1.4		2.4	3
3/16/2018	1.7		1.6	2.6				
3/19/2018		1.9				1.5		
9/12/2018					1.6		1	1.4

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
9/14/2018		0.98	0.92	1.9				
9/17/2018	1.55 (D)					1.5		
3/13/2019							2.2	
3/14/2019				2.8				2.6
3/15/2019					1.7			
3/19/2019			2					
3/20/2019	<1.5	<1.5				<1.5		
9/9/2019					1.2		0.83 (X)	
9/10/2019				2.3				1.1
9/12/2019	1.3	0.815 (JD)						
9/13/2019			0.94 (J)			1.5		
3/6/2020								1.3
3/9/2020				1.5	1.2		1.5	
3/11/2020	1.4	2	0.6 (J)			1.4		
9/10/2020					1.2			1.2
9/11/2020							0.77 (J)	
9/15/2020	1.3	1.2	0.75 (J)					
9/16/2020				1.7				
3/10/2021							0.97 (J)	
3/11/2021								1.5
3/12/2021					1.2			
3/16/2021	1.3		0.73 (J)	1.3				
3/17/2021		1.4						
3/29/2021						1.5		
8/4/2021					1.1		0.82 (J)	1.2
8/6/2021				1.3				
8/9/2021	1.3	1.5	1.1			1.4		
1/31/2022					1		0.71 (J)	1
2/1/2022	1.2	1.4	0.77 (J)					
2/2/2022				1.5		1.9		

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-48
3/10/2016								2.4266
3/11/2016		2.4984	1.2562	1.9467				
3/15/2016	6.1465 (o)							
3/28/2016						1.14	0.9204	
5/13/2016	3.08		1.32	2.14				
5/16/2016		2.22						
5/17/2016								2.01
5/23/2016						1.19		
5/25/2016							1.04	
7/19/2016			1.3	3.1				
7/21/2016	3.7							
7/22/2016		2.6						
7/27/2016								2.3
8/1/2016						1.2	0.85	
9/16/2016			1.2	3.5				
9/19/2016		2.5						
9/20/2016								2.2
9/21/2016	2.4							
9/26/2016						1.1	0.87	
11/2/2016			1.4	4.7				
11/3/2016	3.4	3						
11/4/2016								3
11/10/2016						1.3		
11/11/2016							0.99	
1/17/2017	1.9	2.9						
1/18/2017			1.2	4.9				
1/23/2017								2.5
1/30/2017						1.2	0.95	
2/22/2017					3.7 (D)			
3/27/2017	2.4	3						
3/28/2017			1.4	4.1				2.2
4/3/2017							0.88	
4/7/2017					2.5 (D)	1.2		
6/6/2017	4.5		1.4	3.6				
6/7/2017		3						
6/8/2017								2.3
6/12/2017						1.1	0.83	
6/14/2017					2.6 (D)			
7/12/2017					2.8 (D)			
7/20/2017					2.3 (D)			
7/28/2017					2 (D)			
8/9/2017					1.8 (D)			
8/24/2017					2.9 (D)			
9/22/2017			1.3	3.9				
9/25/2017	2.5							
9/26/2017		3.1						
9/29/2017								2.5
10/2/2017						1.2	0.94	
10/3/2017					2.8 (D)			
3/14/2018	4 (J)	3.2	1.3					
3/15/2018				2.8				2.6
3/16/2018						1.4	<1.5	

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
8/23/2007	<0.0002	<0.0002	<0.0002			<0.0002		
10/23/2007	<0.0002							
10/24/2007		<0.0002	<0.0002					
11/2/2007						<0.0002		
11/18/2007	<0.0002	<0.0002	<0.0002			<0.0002		
1/30/2008	<0.0002							
1/31/2008		<0.0002	<0.0002			<0.0002		
3/10/2008	<0.0002		<0.0002					
3/11/2008		<0.0002				<0.0002		
5/6/2008		0.000175						
5/13/2008	<0.0002		<0.0002					
5/14/2008						<0.0002		
12/4/2008		<0.0002	<0.0002					
12/5/2008	<0.0002					<0.0002		
4/15/2009	<0.0002					<0.0002		
4/21/2009		<0.0002	<0.0002					
10/7/2009	<0.0002	<0.0002						
10/8/2009			<0.0002			<0.0002		
4/21/2010			<0.0002					
4/26/2010		<0.0002						
4/28/2010						<0.0002		
5/3/2010	<0.0002							
9/28/2010			<0.0002					
10/4/2010		<0.0002						
10/6/2010						<0.0002		
10/12/2010	<0.0002							
4/12/2011			<0.0002					
4/13/2011		<0.0002						
4/21/2011						<0.0002		
4/27/2011	<0.0002							
10/4/2011			<0.0002					
10/5/2011		<0.0002						
10/13/2011						<0.0002		
10/17/2011	<0.0002							
4/3/2012			<0.0002					
4/11/2012		<0.0002						
5/1/2012						<0.0002		
5/2/2012	<0.0002							
10/8/2012	<0.0002							
10/9/2012		<0.0002	<0.0002			<0.0002		
4/11/2013			<0.0002			<0.0002		
4/12/2013	<0.0002							
4/15/2013		<0.0002						
10/15/2013		<0.0002						
10/16/2013	<0.0002		<0.0002			<0.0002		
4/10/2014			<0.0002					
4/11/2014	<0.0002							
4/22/2014		<0.0002						
4/23/2014						<0.0002		
9/30/2014	<0.0002	<0.0002	<0.0002					
10/4/2014						<0.0002		
3/30/2015	<0.0002	<0.0002	<0.0002					

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
3/31/2015						<0.0002		
10/12/2015						<0.0002		
10/13/2015	<0.0002	<0.0002	<0.0002					
3/14/2016					<0.0002			
3/15/2016							<0.0002	<0.0002
3/22/2016	<0.0002							
3/23/2016		<0.0002	<0.0002			<0.0002		
5/11/2016					<0.0002		<0.0002	
5/12/2016								<0.0002
5/16/2016				<0.0002 (D)				
5/19/2016	<0.0002		<0.0002					
5/20/2016		<0.0002						
5/23/2016						<0.0002		
7/19/2016					<0.0002			
7/20/2016								<0.0002
7/21/2016							<0.0002	
7/27/2016				<0.0002 (D)				
7/29/2016	<0.0002	<0.0002	<0.0002			<0.0002		
9/15/2016					<0.0002		<0.0002	<0.0002
9/22/2016			<0.0002			<0.0002		
9/23/2016	<0.0002	<0.0002						
11/2/2016					<0.0002			
11/3/2016							<0.0002	<0.0002
11/9/2016	<0.0002	<0.0002						
11/10/2016			<0.0002			<0.0002		
1/17/2017							<0.0002	
1/18/2017					<0.0002			<0.0002
1/30/2017	<0.0002							
1/31/2017		<0.0002	<0.0002			<0.0002		
2/21/2017				<0.0002				
3/24/2017							<0.0002	<0.0002
3/27/2017				<0.0002 (D)				
3/28/2017					<0.0002			
3/30/2017	<0.0002	<0.0002				<0.0002		
4/3/2017			<0.0002					
5/24/2017							<0.0002	
6/6/2017								<0.0002
6/7/2017					<0.0002			
6/8/2017				<0.0002 (D)				
6/9/2017	<0.0002		<0.0002					
6/12/2017		<0.0002				<0.0002		
7/17/2017				<0.0002 (D)				
7/27/2017				<0.0002				
8/9/2017				<0.0002				
9/25/2017								<0.0002
9/26/2017					<0.0002		<0.0002	
9/29/2017				<0.0002 (D)				
10/2/2017	<0.0002	<0.0002	<0.0002					
10/4/2017						<0.0002		
3/14/2018					<0.0002		<0.0002	<0.0002
3/16/2018	<0.0002		<0.0002	<0.0002				
3/19/2018		<0.0002				<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
9/12/2018					<0.0002		3.8E-05 (J)	<0.0002
9/14/2018		<0.0002	<0.0002	4.1E-05 (J)				
9/17/2018	<0.0002 (D)					<0.0002		
3/13/2019							<0.0002	
3/14/2019				<0.0002				<0.0002
3/15/2019					<0.0002			
3/19/2019			<0.0002					
3/20/2019	<0.0002	<0.0002				<0.0002		
9/9/2019					<0.0002		<0.0002	
9/10/2019								<0.0002 (D)
9/12/2019	<0.0002	<0.0002 (D)						
9/13/2019			<0.0002			<0.0002		
3/6/2020								<0.0002
3/9/2020				<0.0002	<0.0002		<0.0002	
3/11/2020	<0.0002	<0.0002	<0.0002			<0.0002		
9/10/2020					<0.0002			<0.0002
9/11/2020							<0.0002	
9/15/2020	<0.0002	<0.0002	<0.0002					
9/16/2020				<0.0002				
3/10/2021							<0.0002	
3/11/2021								<0.0002
3/12/2021					<0.0002			
3/16/2021	<0.0002		<0.0002	<0.0002				
3/17/2021		<0.0002						
3/29/2021						<0.0002		
8/4/2021					0.00012 (J)		9.4E-05 (J)	9E-05 (J)
8/6/2021				<0.0002				
8/9/2021	<0.0002	<0.0002	<0.0002			<0.0002		
1/31/2022					<0.0002		<0.0002	<0.0002
2/1/2022	<0.0002	<0.0002	<0.0002					
2/2/2022				<0.0002		<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-48
12/12/2008						<0.0002	<0.0002	
4/23/2009						<0.0002	<0.0002	
10/6/2009						<0.0002	<0.0002	
4/27/2010						<0.0002		
5/3/2010							<0.0002	
9/30/2010						<0.0002		
10/11/2010							<0.0002	
4/14/2011						<0.0002		
4/27/2011							<0.0002	
10/5/2011						<0.0002		
10/19/2011							<0.0002	
4/11/2012						<0.0002		
5/1/2012							<0.0002	
10/2/2012						<0.0002	<0.0002	
4/9/2013						<0.0002		
4/10/2013							<0.0002	
10/15/2013						<0.0002		
10/16/2013							<0.0002	
4/10/2014						<0.0002		
4/22/2014							<0.0002	
10/1/2014						<0.0002	<0.0002	
3/30/2015						2.02E-05 (J)	<0.0002	
10/11/2015						<0.0002	<0.0002	
3/10/2016								<0.0002
3/11/2016		<0.0002	<0.0002	<0.0002				
3/15/2016	<0.0002							
3/28/2016						<0.0002	<0.0002	
5/13/2016	<0.0002		<0.0002	<0.0002				
5/16/2016		<0.0002						
5/17/2016								<0.0002
5/23/2016						<0.0002		
5/25/2016							<0.0002	
7/19/2016			<0.0002	<0.0002				
7/21/2016	<0.0002							
7/22/2016		<0.0002						
7/27/2016								<0.0002
8/1/2016						<0.0002	<0.0002	
9/16/2016			<0.0002	<0.0002				
9/19/2016		<0.0002						
9/20/2016								<0.0002
9/21/2016	<0.0002							
9/26/2016						<0.0002	<0.0002	
11/2/2016			<0.0002	<0.0002				
11/3/2016	<0.0002	<0.0002						
11/4/2016								<0.0002
11/10/2016						<0.0002		
11/11/2016							<0.0002	
1/17/2017	<0.0002	<0.0002						
1/18/2017			<0.0002	<0.0002				
1/23/2017								<0.0002
1/30/2017						<0.0002	<0.0002	
2/22/2017					<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-48
3/27/2017	<0.0002	<0.0002						
3/28/2017			<0.0002	<0.0002				<0.0002
4/3/2017							<0.0002	
4/7/2017					<0.0002	<0.0002		
6/6/2017	<0.0002		<0.0002	<0.0002				
6/7/2017		<0.0002						
6/8/2017								<0.0002
6/12/2017						<0.0002	<0.0002	
6/14/2017					0.000161 (D)			
7/12/2017					<0.0002 (D)			
7/20/2017					<0.0002 (D)			
7/28/2017					<0.0002			
8/9/2017					<0.0002			
8/24/2017					<0.0002			
9/22/2017			<0.0002	<0.0002				
9/25/2017	<0.0002							
9/26/2017		<0.0002						
9/29/2017								<0.0002
10/2/2017						<0.0002	<0.0002	
10/3/2017					<0.0002 (D)			
3/14/2018	<0.0002	<0.0002	<0.0002					
3/15/2018				<0.0002				<0.0002
3/16/2018						<0.0002	<0.0002	
3/21/2018					<0.0002			
9/12/2018	<0.0002		<0.0002	3.9E-05 (J)				
9/13/2018								6.2E-05 (J)
9/14/2018		3.8E-05 (J)						
9/17/2018						<0.0002		
9/18/2018					<0.0002		<0.0002	
3/13/2019			<0.0002	<0.0002				
3/14/2019	<0.0002	<0.0002						
3/15/2019								<0.0002
3/19/2019						<0.0002	<0.0002	
3/21/2019					<0.0002 (D)			
9/10/2019	<0.0002	<0.0002						
9/11/2019			<0.0002	<0.0002				<0.0002 (D)
9/12/2019					<0.0002 (D)		<0.0002	
9/13/2019						<0.0002		
3/6/2020		<0.0002						
3/9/2020	<0.0002		<0.0002	<0.0002				<0.0002
3/11/2020						<0.0002	<0.0002	
3/12/2020					<0.0002			
9/10/2020	<0.0002	<0.0002						
9/11/2020			<0.0002					
9/14/2020				<0.0002				0.00015 (J)
9/15/2020							<0.0002	
9/16/2020						<0.0002		
9/17/2020					<0.0002			
3/10/2021	<0.0002							
3/11/2021		<0.0002	<0.0002	<0.0002				0.0002 (J)
3/16/2021					<0.0002			
3/17/2021						<0.0002	<0.0002	

Time Series

Constituent: pH (pH_units) Analysis Run 5/9/2022 10:41 AM View: Resample Reports

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
3/14/2016					6.91			
3/15/2016							7.58	6.74
3/22/2016	7.65							
3/23/2016		6.7	7.45			5.96		
5/11/2016					6.51		7.24	
5/12/2016								6.41
5/16/2016				7.61 (D)				
5/19/2016	7.6		7.5					
5/20/2016		6.36						
5/23/2016						5.73		
7/19/2016					6.12			
7/20/2016								6.59
7/21/2016							7.53	
7/27/2016				7.51 (D)				
7/29/2016	7.58	6.75	7.59			5.51		
9/15/2016					5.96		7	
9/19/2016							7.19	
9/22/2016			7.44			5.45		
9/23/2016	7.57	6.62						
11/2/2016					5.78			
11/3/2016							7.13	6.45
11/9/2016	7.45	6.42						
11/10/2016			7.55			5.51		
1/17/2017							7.51	
1/18/2017					6.13			6.34
1/30/2017	7.64							
1/31/2017		5.66	7.56			5.42		
2/21/2017				7.76 (D)				
3/24/2017							7.55	6.42
3/27/2017				7.7 (D)				
3/28/2017					6.59			
3/30/2017	7.51	6.33				5.43		
4/3/2017			7.46					
5/24/2017							7.6	
6/6/2017								6.82
6/7/2017					6.72			
6/8/2017				7.69 (D)				
6/9/2017	7.6		7.24					
6/12/2017		6.6				5.47		
7/17/2017				7.57 (D)				
7/26/2017				7.63				
7/27/2017				7.63				
8/8/2017				7.73				
8/9/2017				7.73				
9/25/2017								6.63
9/26/2017					7.05		7.66	
9/29/2017				7.7 (D)				
10/2/2017	7.55	5.61	7.35					
10/4/2017						5.23		
12/28/2017					6.79 (Y)		7.34 (Y)	
3/14/2018					7.42		7.56	7.08
3/16/2018	7.58		7.31	7.49				

Time Series

Constituent: pH (pH_units) Analysis Run 5/9/2022 10:41 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)
3/19/2018		6.55				5.4		
9/12/2018					6.86		7.12	6.54
9/14/2018		5.81	7.55	7.32				
9/17/2018	7.53 (D)					5.22		
3/13/2019							7.12	
3/14/2019				7.46				6.58
3/15/2019					6.78			
3/19/2019			7.2					
3/20/2019	7.64	5.71				5.22		
9/9/2019					6.49		7.07	
9/10/2019				7.48				5.66
9/12/2019	7.36	5.45 (D)						
9/13/2019			7.29			5.07		
3/6/2020								6.82
3/9/2020				7.68	5.9		7.5	
3/11/2020	7.51	6.56	7.09			5.31		
9/10/2020					5.53			6.4
9/11/2020							6.98	
9/15/2020	7.43	6.38	7.45					
9/16/2020				7.68				
3/10/2021							7.3	
3/11/2021								6.8
3/12/2021					6.39			
3/16/2021	7.57		7.51	7.85				
3/17/2021		6.58						
3/29/2021						8.04		
8/4/2021					6.21		6.79	6.34
8/6/2021				7.09				
8/9/2021	7.44	6.47	6.63			7.85		
1/31/2022					6.41		6.85	6.02
2/1/2022	7.52	6.3	6.62					
2/2/2022				6.89		7.94		

Time Series

Constituent: pH (pH_units) Analysis Run 5/9/2022 10:41 AM View: Resample Reports

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-12
3/11/2016		7.37	6.43	7.89				
3/15/2016	7.15							
3/28/2016						6.22	6.45 (D)	
4/4/2016								6.53 (D)
5/13/2016	7.29		6.8	7.86				
5/16/2016		7.55						
5/23/2016						5.86		
5/25/2016							6.96	
5/27/2016								6.45
7/19/2016			6.42	7.83				
7/21/2016	7.43							
7/22/2016		7.51						
8/1/2016						6.39	5.64	
8/3/2016								6.41
9/16/2016			6.19	7.75				
9/19/2016		7.52						
9/21/2016	7.05							
9/26/2016						5.74	6.26	
9/30/2016								6.46
11/2/2016			6.36	7.77				
11/3/2016	7.4	7.56						
11/10/2016						5.78		
11/11/2016							5.62	
11/22/2016								6.39
1/17/2017	7.06	7.59						
1/18/2017			6.16	7.65				
1/30/2017						5.88	5.49	
2/13/2017								6.4
2/22/2017					7.38 (D)			
3/27/2017	7.13	7.63						
3/28/2017			5.8	7.79				
4/3/2017							6.32	
4/7/2017					7.35 (D)	5.94		
4/11/2017								6.37
6/6/2017	7.18		5.97	7.89				
6/7/2017		7.55						
6/12/2017						5.81	6.48	
6/14/2017					7.3 (D)			5.85
7/11/2017					7.39			
7/12/2017					7.39 (D)			
7/19/2017					7.44			
7/20/2017					7.44 (D)			
7/27/2017					7.5			
7/28/2017					7.5			
8/8/2017					7.52			
8/9/2017					7.52			
8/23/2017					7.5			
8/24/2017					7.5			
9/22/2017			5.77	7.8				
9/25/2017	6.88							
9/26/2017		7.59						
10/2/2017						5.93	6.41	

Time Series

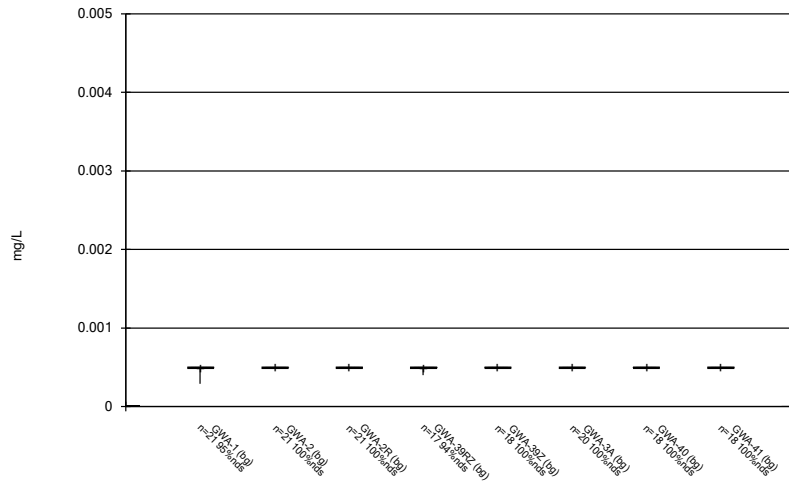
Constituent: pH (pH_units) Analysis Run 5/9/2022 10:41 AM View: Resample Reports

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-5	GWC-8Z
3/10/2016	5.66		
3/22/2016			7.53 (D)
3/28/2016		7.04	
5/17/2016	5.11		
5/25/2016		6.39	8.04
7/27/2016	5.17		
8/1/2016		6.13	
8/2/2016			7.74
9/20/2016	5.12		
9/26/2016			7.4
9/27/2016		5.98	
11/4/2016	5.03		
11/11/2016		6.11	
11/21/2016			7.4
1/23/2017	5.1		
1/31/2017		6.08	
2/3/2017			7.05
3/28/2017	5.03		
4/3/2017		6.13	
4/7/2017			7.14
6/8/2017	4.77		
6/12/2017		6.83	
6/13/2017			7.52
9/29/2017	5.06		
10/3/2017		6.2	7.38
12/28/2017	5.07 (Y)		
3/15/2018	5.14		
3/19/2018		6.06	
3/20/2018			7.27
9/13/2018	5.02		
9/17/2018		6.14	
9/18/2018			6.95
3/15/2019	5.28		
3/20/2019		6.29	
5/6/2019			7.98
9/11/2019	4.93		
9/16/2019		6.09	7.15
3/9/2020	5.18		
3/16/2020		6.88	7.01
9/14/2020	5		
9/16/2020		6	
9/17/2020			7.05
3/11/2021	4.95		
3/17/2021		5.85	
3/18/2021			6.45
5/26/2021	4.72		
8/4/2021	4.91		
8/9/2021		5.71	
8/10/2021			6.99
1/31/2022	4.86		
2/2/2022		5.9	8.92
4/28/2022	5	5.78	6.91

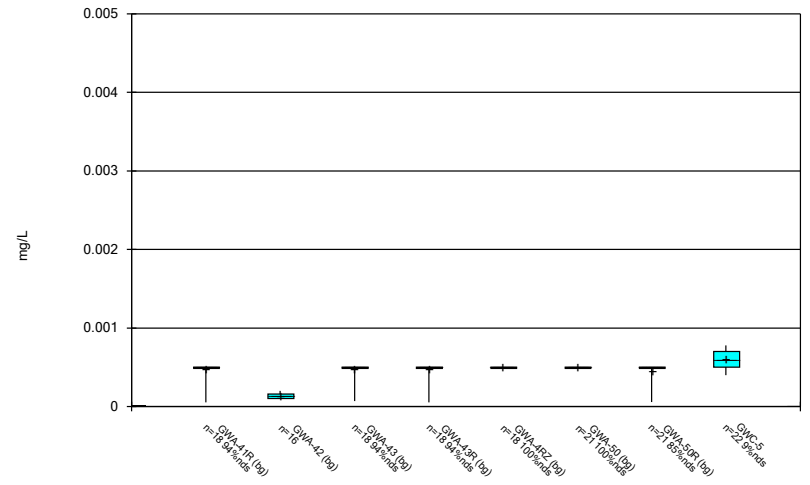
FIGURE T.

Box & Whiskers Plot



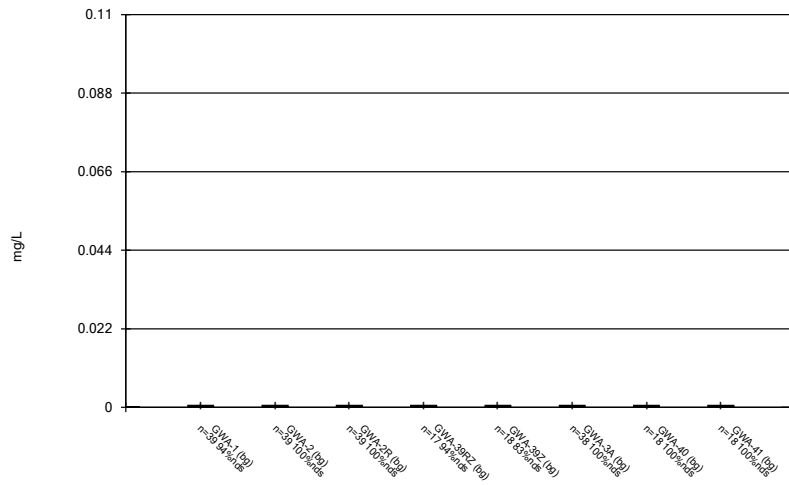
Constituent: Beryllium Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



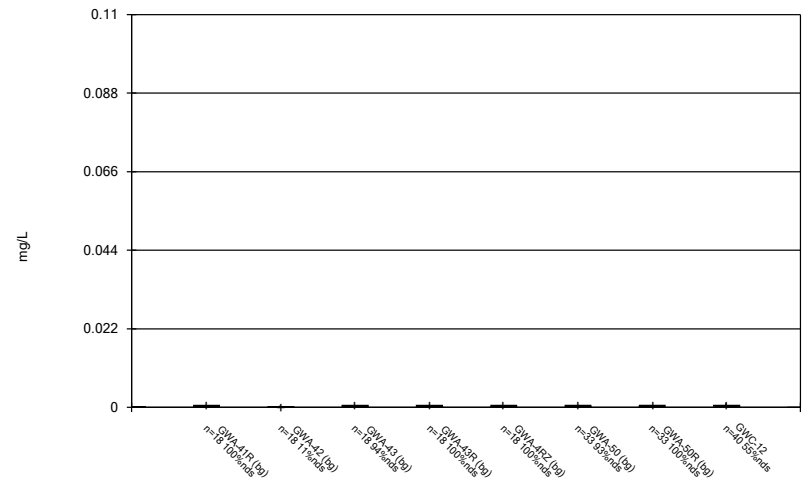
Constituent: Beryllium Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



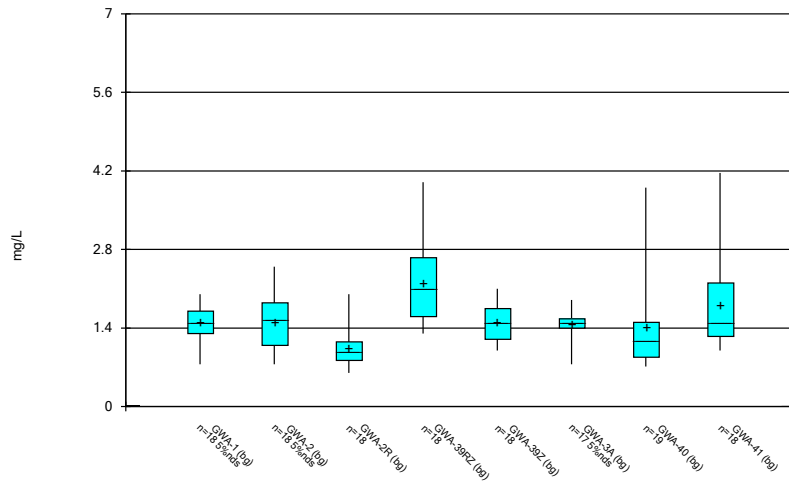
Constituent: Cadmium Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



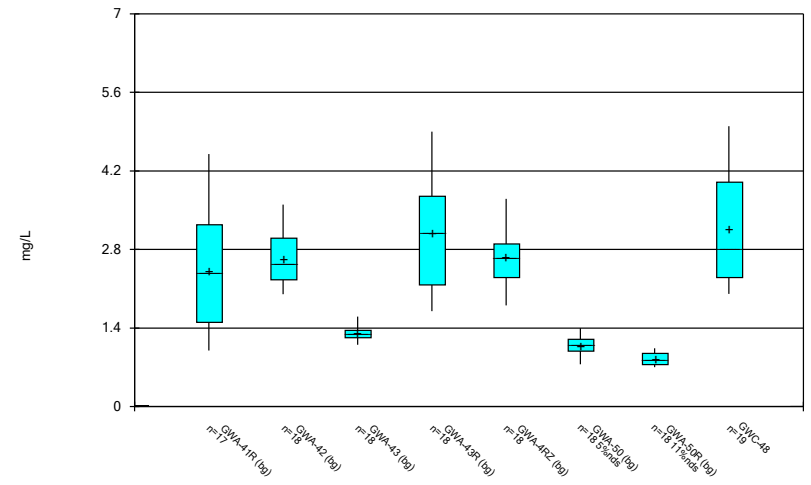
Constituent: Cadmium Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



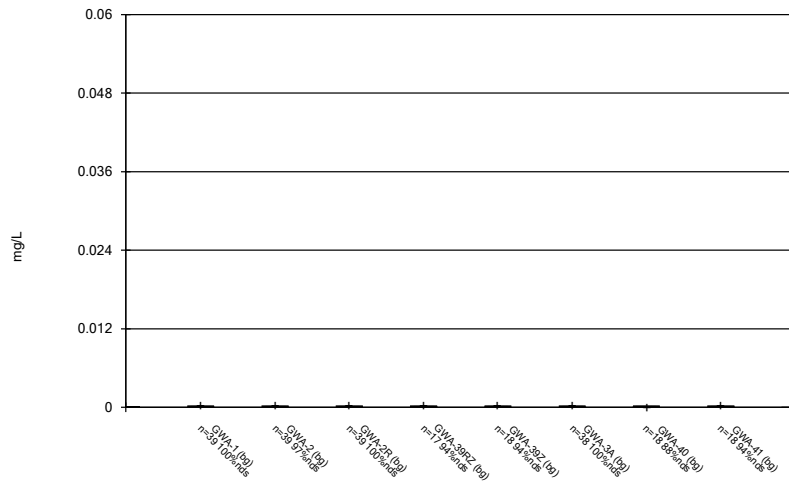
Constituent: Chloride, Total Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



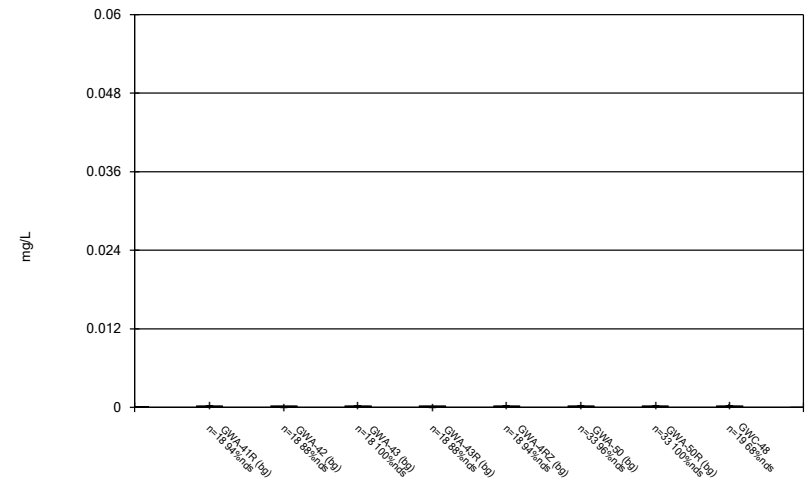
Constituent: Chloride, Total Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



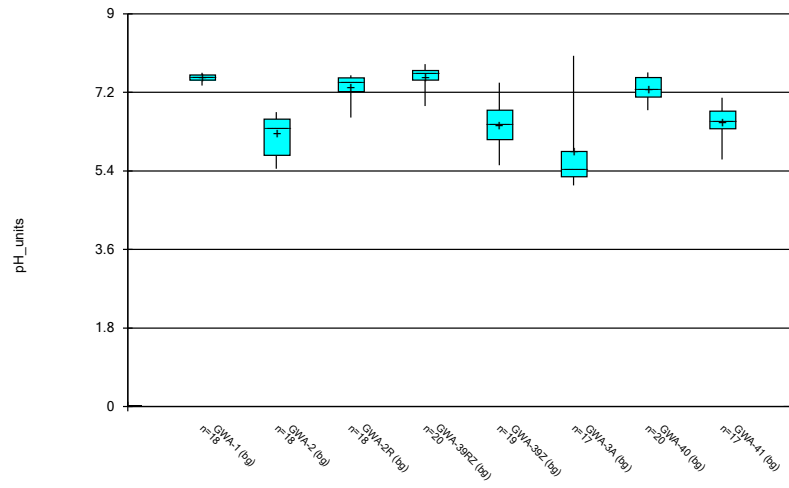
Constituent: Mercury Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



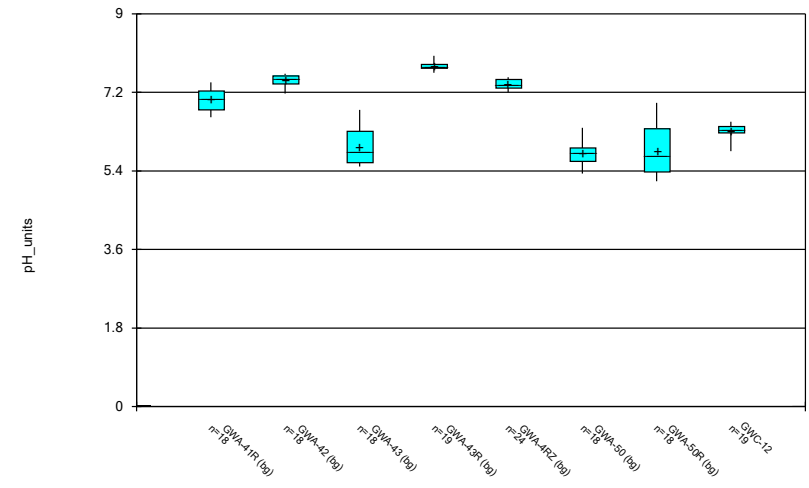
Constituent: Mercury Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



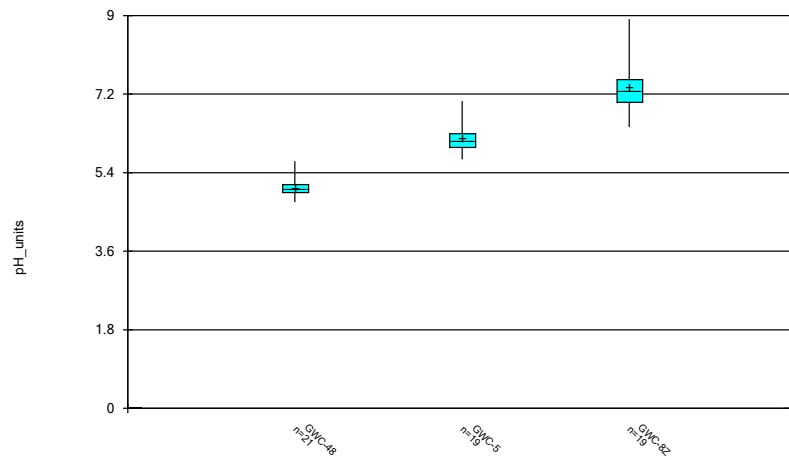
Constituent: pH Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



Constituent: pH Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Box & Whiskers Plot



Constituent: pH Analysis Run 5/9/2022 10:43 AM View: Resample Reports
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE U.

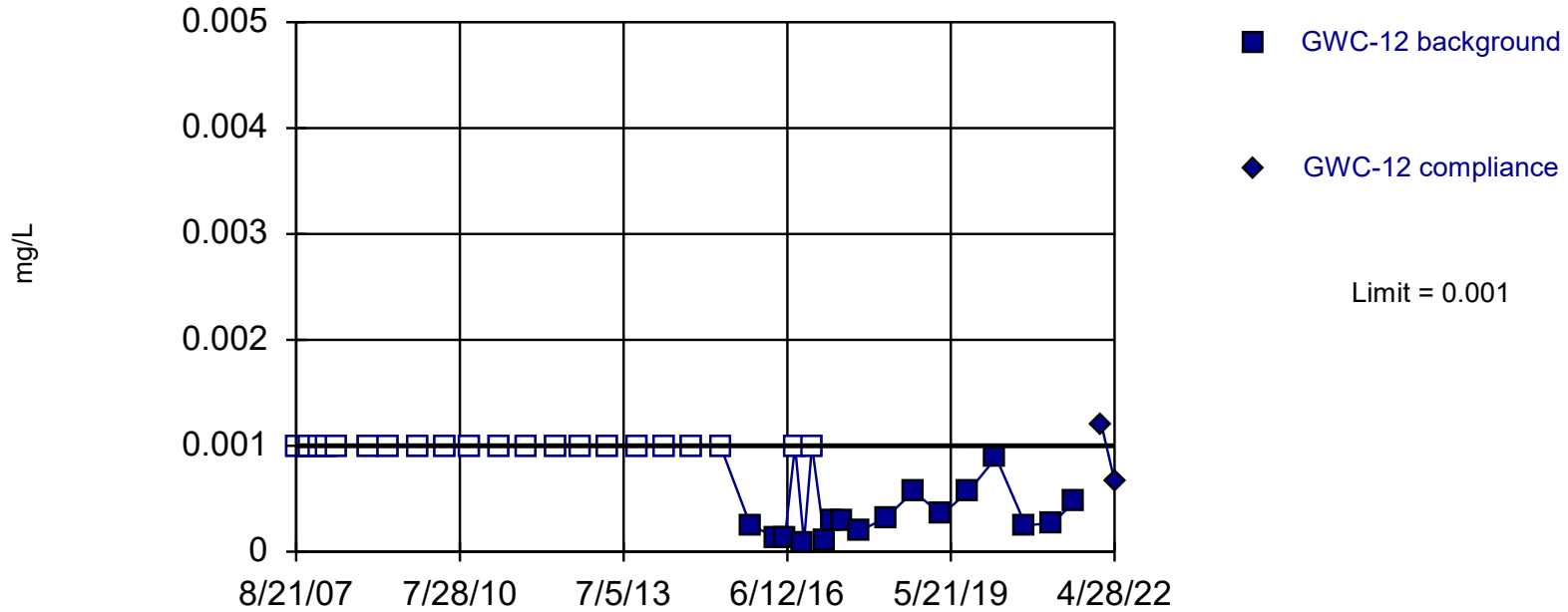
Appendix I Intrawell Prediction Limits - Resample Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/9/2022, 10:15 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWC-12	0.001	n/a	4/28/2022	0.00067	No	38	n/a	n/a	57.89	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 5/9/2022 10:14 AM View: Appendix I Intrawell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 5/9/2022 10:15 AM View: Appendix I IntraWell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/16/2008	<0.001	
3/5/2008	<0.001	
5/13/2008	<0.001	
12/13/2008	<0.001	
4/16/2009	<0.001	
10/21/2009	<0.001	
4/27/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/12/2011	<0.001	
4/24/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/9/2013	<0.001	
4/1/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/14/2015	0.00025 (J)	
4/4/2016	0.000136 (J)	
5/27/2016	0.000131 (J)	
8/3/2016	<0.001	
9/30/2016	9E-05 (J)	
11/22/2016	<0.001	
2/13/2017	0.0001 (J)	
4/11/2017	0.0003 (J)	
6/14/2017	0.0003 (J)	
10/4/2017	0.0002 (J)	
3/22/2018	0.00032 (J)	
9/18/2018	0.00057 (J)	
3/23/2019	0.00035 (J)	
9/17/2019	0.000575 (JD)	
3/12/2020	0.00089 (J)	
9/21/2020	0.00025 (J)	
3/19/2021	0.00027 (J)	
8/11/2021	0.00048 (J)	
2/2/2022		0.0012
4/28/2022		0.00067

FIGURE V.

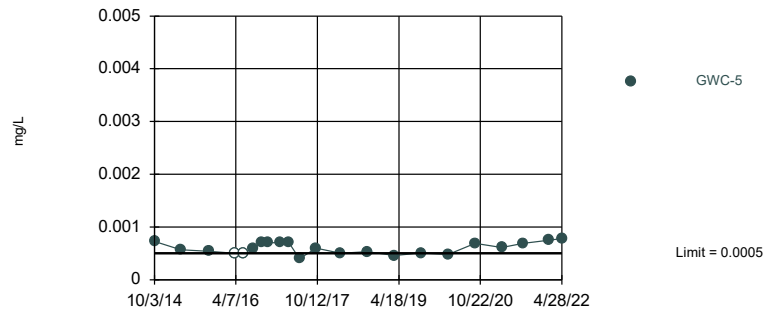
Appendix I Interwell Prediction Limits - Resample Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/9/2022, 10:37 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	GWC-5	0.0005	n/a	4/28/2022	0.00078	Yes	284	n/a	n/a	91.55	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-48	0.000286	n/a	4/28/2022	0.0004	Yes	382	n/a	n/a	96.6	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

Exceeds Limit: GWC-5

Prediction Limit Interwell Non-parametric

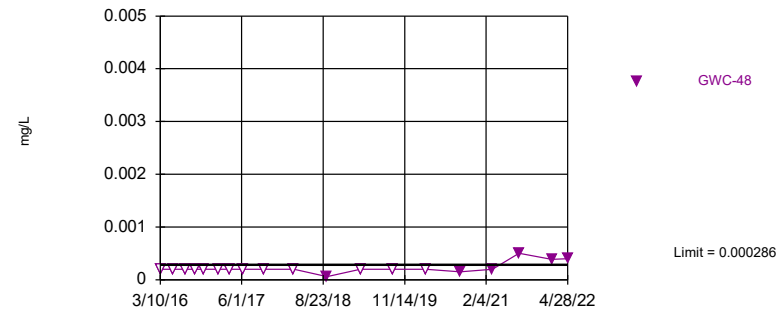


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 284 background values. 91.55% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Beryllium Analysis Run 5/9/2022 10:36 AM View: Appendix I Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limit: GWC-48

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 382 background values. 96.6% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Mercury Analysis Run 5/9/2022 10:36 AM View: Appendix I Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-5	GWA-3A (bg)	GWA-43 (bg)	GWA-43R (bg)
9/30/2014	<0.0005	<0.0005	<0.0005						
10/1/2014				<0.0005	<0.0005				
10/3/2014						0.00073 (J)			
10/4/2014							<0.0005		
3/30/2015	0.00029 (J)	<0.0005	<0.0005	0.0002 (J)	<0.0005				
3/31/2015						0.00057 (J)	<0.0005		
10/11/2015				<0.0005	<0.0005				
10/12/2015						0.00054 (J)	<0.0005		
10/13/2015	<0.0005	<0.0005	<0.0005						
3/11/2016								<0.0005	<0.0005
3/14/2016									
3/15/2016									
3/22/2016	<0.0005								
3/23/2016		<0.0005	<0.0005				<0.0005		
3/28/2016				<0.0005	<0.0005	<0.0005			
5/11/2016									
5/12/2016									
5/13/2016								<0.0005	<0.0005
5/16/2016									
5/19/2016	<0.0005		<0.0005						
5/20/2016		<0.0005							
5/23/2016					<0.0005		<0.0005		
5/25/2016				<0.0005		<0.0005			
7/19/2016							<0.0005	<0.0005	
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									
7/29/2016	<0.0005	<0.0005	<0.0005				<0.0005		
8/1/2016				<0.0005	<0.0005	0.0006 (J)			
9/15/2016									
9/16/2016							<0.0005	<0.0005	
9/19/2016									
9/21/2016									
9/22/2016			<0.0005				<0.0005		
9/23/2016	<0.0005	<0.0005							
9/26/2016				<0.0005	<0.0005				
9/27/2016						0.0007 (J)			
11/2/2016							<0.0005	<0.0005	
11/3/2016									
11/9/2016	<0.0005	<0.0005							
11/10/2016			<0.0005		<0.0005		<0.0005		
11/11/2016				<0.0005		0.0007 (J)			
1/17/2017									
1/18/2017							<0.0005	<0.0005	
1/30/2017	<0.0005			<0.0005	<0.0005				
1/31/2017		<0.0005	<0.0005			0.0007 (J)	<0.0005		
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017							<0.0005	<0.0005	

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-5	GWA-3A (bg)	GWA-43 (bg)	GWA-43R (bg)
3/30/2017	<0.0005	<0.0005					<0.0005		
4/3/2017			<0.0005	<0.0005		0.0007 (J)			
4/7/2017					<0.0005				
5/24/2017									
6/6/2017								<0.0005	<0.0005
6/7/2017									
6/8/2017									
6/9/2017	<0.0005		<0.0005						
6/12/2017		<0.0005		<0.0005	<0.0005	0.0004 (J)	<0.0005		
6/14/2017									
7/12/2017									
7/17/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/22/2017								<0.0005	<0.0005
9/25/2017									
9/26/2017									
9/29/2017									
10/2/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
10/3/2017						0.0006 (J)			
10/4/2017							<0.0005		
3/14/2018								<0.0005	
3/15/2018									5.1E-05 (J)
3/16/2018	<0.0005		<0.0005	<0.0005	<0.0005				
3/19/2018		<0.0005				0.0005 (J)	<0.0005		
3/21/2018									
9/12/2018								<0.0005	<0.0005
9/14/2018		<0.0005	<0.0005						
9/17/2018	<0.0005 (D)				<0.0005	0.00053 (J)	<0.0005		
9/18/2018				<0.0005					
3/13/2019								<0.0005	<0.0005
3/14/2019									
3/15/2019									
3/19/2019			<0.0005	<0.0005	<0.0005				
3/20/2019	<0.0005	<0.0005				0.00046 (J)	<0.0005		
3/21/2019									
9/9/2019									
9/10/2019									
9/11/2019								<0.0005	<0.0005
9/12/2019	<0.0005	<0.0005 (D)		<0.0005					
9/13/2019			<0.0005		<0.0005		<0.0005		
9/16/2019						0.00051 (J)			
3/6/2020									
3/9/2020								<0.0005	<0.0005
3/11/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
3/12/2020									
3/16/2020						0.00048 (J)			
9/10/2020									
9/11/2020								6.9E-05 (J)	

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-5	GWA-3A (bg)	GWA-43 (bg)	GWA-43R (bg)
9/14/2020									<0.0005
9/15/2020	<0.0005	<0.0005	<0.0005	8.5E-05 (J)					
9/16/2020					<0.0005	0.00069 (J)			
9/17/2020									
3/10/2021									
3/11/2021								<0.0005	<0.0005
3/12/2021									
3/16/2021	<0.0005		<0.0005						
3/17/2021		<0.0005		<0.0005	<0.0005	0.00061			
3/29/2021							<0.0005		
8/4/2021									
8/5/2021									<0.0005
8/6/2021								<0.0005	
8/9/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00069	<0.0005		
8/10/2021									
1/31/2022								<0.0005	<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005		<0.0005				
2/2/2022				5.5E-05 (J)		0.00075	<0.0005		
2/3/2022									
4/28/2022						0.00078			

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z (bg)	GWA-40 (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-39RZ (bg)	GWA-42 (bg)	GWA-4RZ (bg)
9/30/2014							
10/1/2014							
10/3/2014							
10/4/2014							
3/30/2015							
3/31/2015							
10/11/2015							
10/12/2015							
10/13/2015							
3/11/2016						<0.005 (O)	
3/14/2016	<0.0005						
3/15/2016		<0.0005	<0.0005	<0.0005			
3/22/2016							
3/23/2016							
3/28/2016							
5/11/2016	<0.0005	<0.0005					
5/12/2016				<0.0005			
5/13/2016			<0.0005				
5/16/2016					<0.0005 (D)	<0.003 (O)	
5/19/2016							
5/20/2016							
5/23/2016							
5/25/2016							
7/19/2016	<0.0005						
7/20/2016				<0.0005			
7/21/2016		<0.0005	<0.0005				
7/22/2016						0.0002 (J)	
7/27/2016					0.0004 (JD)		
7/29/2016							
8/1/2016							
9/15/2016	<0.0005	<0.0005		<0.0005			
9/16/2016							
9/19/2016						0.0001 (J)	
9/21/2016			<0.0005				
9/22/2016							
9/23/2016							
9/26/2016							
9/27/2016							
11/2/2016	<0.0005						
11/3/2016		<0.0005	<0.0005	<0.0005		0.0002 (J)	
11/9/2016							
11/10/2016							
11/11/2016							
1/17/2017		<0.0005	<0.0005			0.0001 (J)	
1/18/2017	<0.0005			<0.0005			
1/30/2017							
1/31/2017							
2/21/2017					<0.0005		
2/22/2017							<0.0005
3/24/2017		<0.0005		<0.0005			
3/27/2017			<0.0005		<0.0005 (D)	0.0001 (J)	
3/28/2017	<0.0005						

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z (bg)	GWA-40 (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-39RZ (bg)	GWA-42 (bg)	GWA-4RZ (bg)
3/30/2017							
4/3/2017							
4/7/2017							<0.0005
5/24/2017		<0.0005					
6/6/2017			<0.0005	<0.0005			
6/7/2017	<0.0005					0.0001 (J)	
6/8/2017					<0.0005 (D)		
6/9/2017							
6/12/2017							
6/14/2017							<0.0005 (D)
7/12/2017							<0.0005 (D)
7/17/2017					<0.0005 (D)		
7/20/2017							<0.0005 (D)
7/27/2017					<0.0005		
7/28/2017							<0.0005
8/9/2017					<0.0005		<0.0005
8/24/2017							<0.0005
9/22/2017							
9/25/2017			<0.0005	<0.0005			
9/26/2017	<0.0005	<0.0005				0.0001 (J)	
9/29/2017					<0.0005 (D)		
10/2/2017							
10/3/2017							<0.0005 (D)
10/4/2017							
3/14/2018	<0.0005	<0.0005	<0.0005	<0.0005		0.00014 (J)	
3/15/2018							
3/16/2018					<0.0005		
3/19/2018							
3/21/2018							<0.0005
9/12/2018	<0.0005	<0.0005	<0.0005	<0.0005			
9/14/2018					<0.0005	0.00012 (J)	
9/17/2018							
9/18/2018							<0.0005
3/13/2019		<0.0005					
3/14/2019			5.2E-05 (J)	<0.0005	<0.0005	0.00017 (J)	
3/15/2019	<0.0005						
3/19/2019							
3/20/2019							
3/21/2019							<0.0005 (D)
9/9/2019	<0.0005	<0.0005					
9/10/2019			<0.0005	<0.0005 (D)		0.00015 (J)	
9/11/2019							
9/12/2019							<0.0005 (D)
9/13/2019							
9/16/2019							
3/6/2020				<0.0005		0.00017 (J)	
3/9/2020	<0.0005	<0.0005	<0.0005		<0.0005		
3/11/2020							
3/12/2020							<0.0005
3/16/2020							
9/10/2020	<0.0005		<0.0005	<0.0005		0.00014 (J)	
9/11/2020		<0.0005					

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z (bg)	GWA-40 (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-39RZ (bg)	GWA-42 (bg)	GWA-4RZ (bg)
9/14/2020							
9/15/2020							
9/16/2020					<0.0005		
9/17/2020							<0.0005
3/10/2021		<0.0005	<0.0005				
3/11/2021				<0.0005		0.00015 (J)	
3/12/2021	<0.0005						
3/16/2021					<0.0005		<0.0005
3/17/2021							
3/29/2021							
8/4/2021	<0.0005	<0.0005	<0.0005	<0.0005		0.00012 (J)	
8/5/2021							
8/6/2021					<0.0005		
8/9/2021							
8/10/2021							<0.0005
1/31/2022	<0.0005	<0.0005	<0.0005	<0.0005		0.00014 (J)	
2/1/2022							
2/2/2022					<0.0005		
2/3/2022							<0.0005
4/28/2022							

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-48	GWA-42 (bg)	GWA-43 (bg)
8/23/2007	<0.0002	<0.0002	<0.0002	<0.0002					
10/23/2007	<0.0002								
10/24/2007			<0.0002	<0.0002					
11/2/2007		<0.0002							
11/18/2007	<0.0002	<0.0002	<0.0002	<0.0002					
1/30/2008	<0.0002								
1/31/2008		<0.0002	<0.0002	<0.0002					
3/10/2008	<0.0002		<0.0002						
3/11/2008		<0.0002		<0.0002					
5/6/2008				0.000175					
5/13/2008	<0.0002		<0.0002						
5/14/2008		<0.0002							
12/4/2008			<0.0002	<0.0002					
12/5/2008	<0.0002	<0.0002							
12/12/2008					<0.0002	<0.0002			
4/15/2009	<0.0002	<0.0002							
4/21/2009			<0.0002	<0.0002					
4/23/2009					<0.0002	<0.0002			
10/6/2009					<0.0002	<0.0002			
10/7/2009	<0.0002			<0.0002					
10/8/2009		<0.0002	<0.0002						
4/21/2010			<0.0002						
4/26/2010				<0.0002					
4/27/2010					<0.0002				
4/28/2010		<0.0002							
5/3/2010	<0.0002							<0.0002	
9/28/2010			<0.0002						
9/30/2010					<0.0002				
10/4/2010				<0.0002					
10/6/2010		<0.0002							
10/11/2010								<0.0002	
10/12/2010	<0.0002								
4/12/2011			<0.0002						
4/13/2011				<0.0002					
4/14/2011					<0.0002				
4/21/2011		<0.0002							
4/27/2011	<0.0002							<0.0002	
10/4/2011			<0.0002						
10/5/2011				<0.0002	<0.0002				
10/13/2011		<0.0002							
10/17/2011	<0.0002								
10/19/2011								<0.0002	
4/3/2012			<0.0002						
4/11/2012				<0.0002	<0.0002				
5/1/2012		<0.0002						<0.0002	
5/2/2012	<0.0002								
10/2/2012					<0.0002	<0.0002			
10/8/2012	<0.0002								
10/9/2012		<0.0002	<0.0002	<0.0002					
4/9/2013					<0.0002				
4/10/2013								<0.0002	
4/11/2013		<0.0002	<0.0002						

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-48	GWA-42 (bg)	GWA-43 (bg)
4/12/2013	<0.0002								
4/15/2013				<0.0002					
10/15/2013				<0.0002	<0.0002				
10/16/2013	<0.0002	<0.0002	<0.0002			<0.0002			
4/10/2014			<0.0002		<0.0002				
4/11/2014	<0.0002								
4/22/2014				<0.0002		<0.0002			
4/23/2014		<0.0002							
9/30/2014	<0.0002		<0.0002	<0.0002					
10/1/2014					<0.0002	<0.0002			
10/4/2014		<0.0002							
3/30/2015	<0.0002		<0.0002	<0.0002	2.02E-05 (J)	<0.0002			
3/31/2015		<0.0002							
10/11/2015					<0.0002	<0.0002			
10/12/2015		<0.0002							
10/13/2015	<0.0002		<0.0002	<0.0002					
3/10/2016							<0.0002		
3/11/2016								<0.0002	<0.0002
3/14/2016									
3/15/2016									
3/22/2016	<0.0002								
3/23/2016		<0.0002	<0.0002	<0.0002					
3/28/2016					<0.0002	<0.0002			
5/11/2016									
5/12/2016									
5/13/2016									<0.0002
5/16/2016								<0.0002	
5/17/2016							<0.0002		
5/19/2016	<0.0002		<0.0002						
5/20/2016				<0.0002					
5/23/2016		<0.0002			<0.0002				
5/25/2016						<0.0002			
7/19/2016									<0.0002
7/20/2016									
7/21/2016									
7/22/2016								<0.0002	
7/27/2016							<0.0002		
7/29/2016	<0.0002	<0.0002	<0.0002	<0.0002					
8/1/2016					<0.0002	<0.0002			
9/15/2016									
9/16/2016									<0.0002
9/19/2016								<0.0002	
9/20/2016							<0.0002		
9/21/2016									
9/22/2016		<0.0002	<0.0002						
9/23/2016	<0.0002			<0.0002					
9/26/2016					<0.0002	<0.0002			
11/2/2016									<0.0002
11/3/2016								<0.0002	
11/4/2016							<0.0002		
11/9/2016	<0.0002			<0.0002					
11/10/2016		<0.0002	<0.0002		<0.0002				

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-48	GWA-42 (bg)	GWA-43 (bg)
9/10/2019								<0.0002	
9/11/2019							<0.0002 (D)		<0.0002
9/12/2019	<0.0002			<0.0002 (D)		<0.0002			
9/13/2019		<0.0002	<0.0002		<0.0002				
3/6/2020								<0.0002	
3/9/2020							<0.0002		<0.0002
3/11/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
3/12/2020									
9/10/2020								<0.0002	
9/11/2020									<0.0002
9/14/2020							0.00015 (J)		
9/15/2020	<0.0002		<0.0002	<0.0002		<0.0002			
9/16/2020					<0.0002				
9/17/2020									
3/10/2021									
3/11/2021							0.0002 (J)	<0.0002	<0.0002
3/12/2021									
3/16/2021	<0.0002		<0.0002						
3/17/2021				<0.0002	<0.0002	<0.0002			
3/29/2021		<0.0002							
8/4/2021							0.0005	8E-05 (J)	
8/5/2021									
8/6/2021									<0.0002
8/9/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
8/10/2021									
1/31/2022							0.00039	<0.0002	<0.0002
2/1/2022	<0.0002		<0.0002	<0.0002	<0.0002				
2/2/2022		<0.0002				<0.0002			
2/3/2022									
4/28/2022							0.0004		

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

GWA-43R (bg) GWA-39Z (bg) GWA-41 (bg) GWA-41R (bg) GWA-40 (bg) GWA-39RZ (bg) GWA-4RZ (bg)

8/23/2007
10/23/2007
10/24/2007
11/2/2007
11/18/2007
1/30/2008
1/31/2008
3/10/2008
3/11/2008
5/6/2008
5/13/2008
5/14/2008
12/4/2008
12/5/2008
12/12/2008
4/15/2009
4/21/2009
4/23/2009
10/6/2009
10/7/2009
10/8/2009
4/21/2010
4/26/2010
4/27/2010
4/28/2010
5/3/2010
9/28/2010
9/30/2010
10/4/2010
10/6/2010
10/11/2010
10/12/2010
4/12/2011
4/13/2011
4/14/2011
4/21/2011
4/27/2011
10/4/2011
10/5/2011
10/13/2011
10/17/2011
10/19/2011
4/3/2012
4/11/2012
5/1/2012
5/2/2012
10/2/2012
10/8/2012
10/9/2012
4/9/2013
4/10/2013
4/11/2013

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
4/12/2013							
4/15/2013							
10/15/2013							
10/16/2013							
4/10/2014							
4/11/2014							
4/22/2014							
4/23/2014							
9/30/2014							
10/1/2014							
10/4/2014							
3/30/2015							
3/31/2015							
10/11/2015							
10/12/2015							
10/13/2015							
3/10/2016							
3/11/2016	<0.0002						
3/14/2016		<0.0002					
3/15/2016			<0.0002	<0.0002	<0.0002		
3/22/2016							
3/23/2016							
3/28/2016							
5/11/2016		<0.0002			<0.0002		
5/12/2016			<0.0002				
5/13/2016	<0.0002			<0.0002			
5/16/2016						<0.0002 (D)	
5/17/2016							
5/19/2016							
5/20/2016							
5/23/2016							
5/25/2016							
7/19/2016	<0.0002	<0.0002					
7/20/2016			<0.0002				
7/21/2016				<0.0002	<0.0002		
7/22/2016							
7/27/2016						<0.0002 (D)	
7/29/2016							
8/1/2016							
9/15/2016		<0.0002	<0.0002		<0.0002		
9/16/2016	<0.0002						
9/19/2016							
9/20/2016							
9/21/2016				<0.0002			
9/22/2016							
9/23/2016							
9/26/2016							
11/2/2016	<0.0002	<0.0002					
11/3/2016			<0.0002	<0.0002	<0.0002		
11/4/2016							
11/9/2016							
11/10/2016							

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
11/11/2016							
1/17/2017				<0.0002	<0.0002		
1/18/2017	<0.0002	<0.0002	<0.0002				
1/23/2017							
1/30/2017							
1/31/2017							
2/21/2017						<0.0002	
2/22/2017							<0.0002
3/24/2017			<0.0002		<0.0002		
3/27/2017				<0.0002		<0.0002 (D)	
3/28/2017	<0.0002	<0.0002					
3/30/2017							
4/3/2017							
4/7/2017							<0.0002
5/24/2017					<0.0002		
6/6/2017	<0.0002		<0.0002	<0.0002			
6/7/2017		<0.0002					
6/8/2017						<0.0002 (D)	
6/9/2017							
6/12/2017							
6/14/2017							0.000286 (D)
7/12/2017							<0.0002 (D)
7/17/2017						<0.0002 (D)	
7/20/2017							<0.0002 (D)
7/27/2017						<0.0002	
7/28/2017							<0.0002
8/9/2017						<0.0002	<0.0002
8/24/2017							<0.0002
9/22/2017	<0.0002						
9/25/2017			<0.0002	<0.0002			
9/26/2017		<0.0002			<0.0002		
9/29/2017						<0.0002 (D)	
10/2/2017							
10/3/2017							<0.0002 (D)
10/4/2017							
3/14/2018		<0.0002	<0.0002	<0.0002	<0.0002		
3/15/2018	<0.0002						
3/16/2018						<0.0002	
3/19/2018							
3/21/2018							<0.0002
9/12/2018	3.9E-05 (J)	<0.0002	<0.0002	<0.0002	3.8E-05 (J)		
9/13/2018							
9/14/2018						4.1E-05 (J)	
9/17/2018							
9/18/2018							<0.0002
3/13/2019	<0.0002				<0.0002		
3/14/2019			<0.0002	<0.0002		<0.0002	
3/15/2019		<0.0002					
3/19/2019							
3/20/2019							
3/21/2019							<0.0002 (D)
9/9/2019		<0.0002			<0.0002		

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 5/9/2022 10:37 AM View: Appendix I Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
9/10/2019			<0.0002 (D)	<0.0002			
9/11/2019	<0.0002						
9/12/2019							<0.0002 (D)
9/13/2019							
3/6/2020			<0.0002				
3/9/2020	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	
3/11/2020							
3/12/2020							<0.0002
9/10/2020		<0.0002	<0.0002	<0.0002			
9/11/2020					<0.0002		
9/14/2020	<0.0002						
9/15/2020							
9/16/2020						<0.0002	
9/17/2020							<0.0002
3/10/2021				<0.0002	<0.0002		
3/11/2021	<0.0002		<0.0002				
3/12/2021		<0.0002					
3/16/2021						<0.0002	<0.0002
3/17/2021							
3/29/2021							
8/4/2021		0.00012 (J)	9E-05 (J)	9.4E-05 (J)	9.4E-05 (J)		
8/5/2021	9.6E-05 (J)						
8/6/2021						<0.0002	
8/9/2021							
8/10/2021							<0.0002
1/31/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
2/1/2022							
2/2/2022						<0.0002	
2/3/2022							<0.0002
4/28/2022							

FIGURE W.

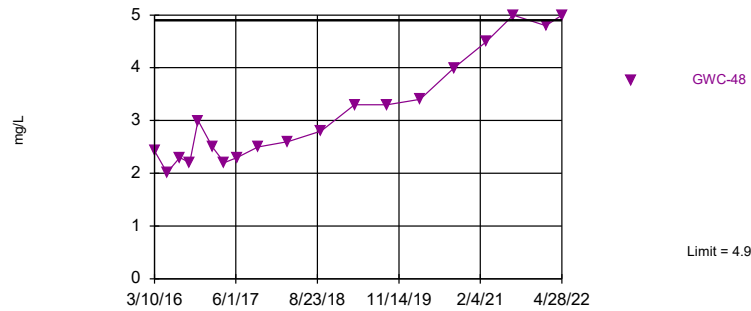
Appendix III Interwell Prediction Limits - Resample Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/9/2022, 10:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-48	4.9	n/a	4/28/2022	5	Yes	269	n/a	n/a	2.23	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-12	8.04	5.07	4/28/2022	6.33	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-48	8.04	5.07	4/28/2022	5	Yes	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-5	8.04	5.07	4/28/2022	5.78	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8Z	8.04	5.07	4/28/2022	6.91	No	280	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

Exceeds Limit: GWC-48

Prediction Limit
Interwell Non-parametric

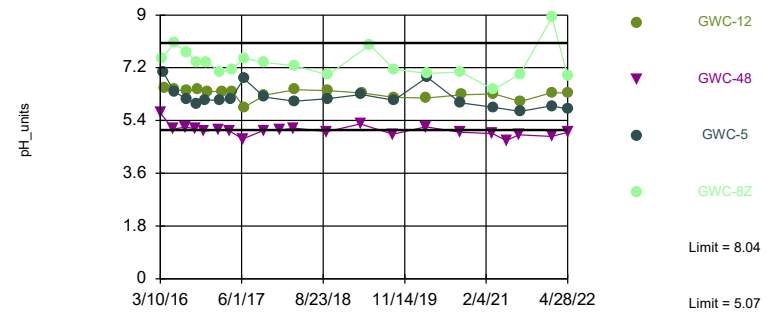


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 269 background values. 2.23% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Chloride, Total Analysis Run 5/9/2022 10:00 AM View: Appendix III Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Exceeds Limits: GWC-48

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 280 background values. Annual per-constituent alpha = 0.005086. Individual comparison alpha = 0.00009793 (1 of 2). Comparing 4 points to limit. Assumes 22 future values.

Constituent: pH Analysis Run 5/9/2022 10:00 AM View: Appendix III Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-1 (bg)	GWA-3A (bg)
3/10/2016	2.4266								
3/11/2016		1.9467	2.4984	1.2562					
3/14/2016					1.795				
3/15/2016						1.1671	4.1666		
3/22/2016								1.5101	
3/23/2016									1.6092
3/28/2016									
5/11/2016					2.04	0.8763			
5/12/2016							1.78		
5/13/2016		2.14		1.32					
5/16/2016			2.22						
5/17/2016	2.01								
5/19/2016								1.5	
5/20/2016									
5/23/2016									1.52
5/25/2016									
7/19/2016		3.1		1.3	2.1				
7/20/2016							1.8		
7/21/2016						1.4			
7/22/2016			2.6						
7/27/2016	2.3								
7/29/2016								1.7	1.5
8/1/2016									
9/15/2016					1.7		1.4		
9/16/2016		3.5		1.2					
9/19/2016			2.5			1.1			
9/20/2016	2.2								
9/21/2016									
9/22/2016									1.4
9/23/2016								1.8	
9/26/2016									
11/2/2016		4.7		1.4	1.8				
11/3/2016			3			1.2	1.6		
11/4/2016	3								
11/9/2016								2	
11/10/2016									1.6
11/11/2016									
1/17/2017			2.9			1			
1/18/2017		4.9		1.2	1.7		1.5		
1/23/2017	2.5								
1/30/2017								1.5	
1/31/2017									1.6
2/21/2017									
2/22/2017									
3/24/2017						1.2	1.4		
3/27/2017			3						
3/28/2017	2.2	4.1		1.4	1.3				
3/30/2017								1.8	1.4
4/3/2017									
4/7/2017									
5/24/2017						1.5			
6/6/2017		3.6		1.4			2.8		

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-1 (bg)	GWA-3A (bg)
6/7/2017			3		1.2				
6/8/2017	2.3								
6/9/2017								1.6	
6/12/2017									1.4
6/14/2017									
7/12/2017									
7/17/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/22/2017		3.9		1.3					
9/25/2017							1.8		
9/26/2017			3.1		1.7	2.4			
9/29/2017	2.5								
10/2/2017								1.6	
10/3/2017									
10/4/2017									1.5
12/28/2017						3.9 (Y)			
3/14/2018			3.2	1.3	1.4	2.4	3		
3/15/2018	2.6	2.8							
3/16/2018								1.7	
3/19/2018									1.5
3/21/2018									
9/12/2018		3.1		1.3	1.6	1	1.4		
9/13/2018	2.8								
9/14/2018			2.3						
9/17/2018								1.55 (D)	1.5
9/18/2018									
3/13/2019		2.9		1.6		2.2			
3/14/2019			3.6				2.6		
3/15/2019	3.3				1.7				
3/19/2019									
3/20/2019								<1.5	<1.5
3/21/2019									
9/9/2019					1.2	0.83 (X)			
9/10/2019			2				1.1		
9/11/2019	3.3	3.1		1.3					
9/12/2019								1.3	
9/13/2019									1.5
3/6/2020			2.7				1.3		
3/9/2020	3.4	2.2		1.2	1.2	1.5			
3/11/2020								1.4	1.4
3/12/2020									
9/10/2020			2		1.2		1.2		
9/11/2020				1.3		0.77 (J)			
9/14/2020	4	3.3							
9/15/2020								1.3	
9/16/2020									
9/17/2020									
3/10/2021						0.97 (J)			

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2 (bg)	GWA-2R (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-41R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
3/10/2016							
3/11/2016							
3/14/2016							
3/15/2016					6.1465 (o)		
3/22/2016							
3/23/2016	2.4904	0.9079					
3/28/2016			1.14	0.9204			
5/11/2016							
5/12/2016							
5/13/2016					3.08		
5/16/2016						1.74 (D)	
5/17/2016							
5/19/2016		0.9136					
5/20/2016	1.71						
5/23/2016			1.19				
5/25/2016				1.04			
7/19/2016							
7/20/2016							
7/21/2016					3.7		
7/22/2016							
7/27/2016						2.1 (D)	
7/29/2016	2	1.1					
8/1/2016			1.2	0.85			
9/15/2016							
9/16/2016							
9/19/2016							
9/20/2016							
9/21/2016					2.4		
9/22/2016		1					
9/23/2016	1.8						
9/26/2016			1.1	0.87			
11/2/2016							
11/3/2016					3.4		
11/4/2016							
11/9/2016	1.6						
11/10/2016		1.2	1.3				
11/11/2016				0.99			
1/17/2017					1.9		
1/18/2017							
1/23/2017							
1/30/2017			1.2	0.95			
1/31/2017	1.3	1.2					
2/21/2017						4 (D)	
2/22/2017							3.7 (D)
3/24/2017							
3/27/2017					2.4	2.6 (D)	
3/28/2017							
3/30/2017	1.6						
4/3/2017		0.99		0.88			
4/7/2017			1.2				2.5 (D)
5/24/2017							
6/6/2017					4.5		

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2 (bg)	GWA-2R (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-41R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
6/7/2017							
6/8/2017						2.1 (D)	
6/9/2017		0.87					
6/12/2017	1.6		1.1	0.83			
6/14/2017							2.6 (D)
7/12/2017							2.8 (D)
7/17/2017						1.9 (D)	
7/20/2017							2.3 (D)
7/27/2017						3 (D)	
7/28/2017							2 (D)
8/9/2017						2.5 (D)	1.8 (D)
8/24/2017							2.9 (D)
9/22/2017							
9/25/2017					2.5		
9/26/2017							
9/29/2017						2.7 (D)	
10/2/2017	0.94	1	1.2	0.94			
10/3/2017							2.8 (D)
10/4/2017							
12/28/2017							
3/14/2018					4 (J)		
3/15/2018							
3/16/2018		1.6	1.4	<1.5		2.6	
3/19/2018	1.9						
3/21/2018							2.9
9/12/2018					2.1		
9/13/2018							
9/14/2018	0.98	0.92				1.9	
9/17/2018			1.1				
9/18/2018				1			3.1
3/13/2019							
3/14/2019					2.9	2.8	
3/15/2019							
3/19/2019		2	<1.5	<1.5			
3/20/2019	<1.5						
3/21/2019							3.6 (D)
9/9/2019							
9/10/2019					1.7	2.3	
9/11/2019							
9/12/2019	0.815 (JD)			0.74 (J)			2.1 (D)
9/13/2019		0.94 (J)	1				
3/6/2020							
3/9/2020					1.3	1.5	
3/11/2020	2	0.6 (J)	0.91 (J)	0.73 (J)			
3/12/2020							2.3
9/10/2020					1.4		
9/11/2020							
9/14/2020							
9/15/2020	1.2	0.75 (J)		0.7 (J)			
9/16/2020			0.97 (J)			1.7	
9/17/2020							2.4
3/10/2021					1.6		

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2 (bg)	GWA-2R (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-41R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
3/11/2021							
3/12/2021							
3/16/2021		0.73 (J)				1.3	2.7
3/17/2021	1.4		1 (J)	0.81 (J)			
3/29/2021							
8/4/2021					1.3		
8/5/2021							
8/6/2021						1.3	
8/9/2021	1.5	1.1	1 (J)	0.78 (J)			
8/10/2021							2.8
1/31/2022					1		
2/1/2022	1.4	0.77 (J)	0.91 (J)				
2/2/2022				0.7 (J)		1.5	
2/3/2022							2.6
4/28/2022							

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-1 (bg)
2/21/2017									
2/22/2017									
3/24/2017							6.42	7.55	
3/27/2017				7.63		7.13			
3/28/2017	5.03	7.79	5.8		6.59				
3/30/2017									7.51
4/3/2017									
4/7/2017									
4/11/2017									
5/24/2017								7.6	
6/6/2017		7.89	5.97			7.18	6.82		
6/7/2017				7.55	6.72				
6/8/2017	4.77								
6/9/2017									7.6
6/12/2017									
6/13/2017									
6/14/2017									
7/11/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/23/2017									
8/24/2017									
9/22/2017		7.8	5.77						
9/25/2017						6.88	6.63		
9/26/2017				7.59	7.05			7.66	
9/29/2017	5.06								
10/2/2017									7.55
10/3/2017									
10/4/2017									
12/28/2017	5.07 (Y)	7.78 (Y)			6.79 (Y)			7.34 (Y)	
3/14/2018			5.85	7.6	7.42	7.04	7.08	7.56	
3/15/2018	5.14	7.66							
3/16/2018									7.58
3/19/2018									
3/20/2018									
3/21/2018									
3/22/2018									
9/12/2018		7.75	5.65		6.86	7.02	6.54	7.12	
9/13/2018	5.02								
9/14/2018				7.37					
9/17/2018									7.53 (D)
9/18/2018									
3/13/2019		7.84	5.63					7.12	
3/14/2019				7.57		6.93	6.58		
3/15/2019	5.28				6.78				

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
 Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWC-5	GWA-50R (bg)	GWC-12	GWA-39RZ (bg)
3/19/2019			7.2		5.93		6.01		
3/20/2019		5.22		5.71		6.29			
3/21/2019									
3/23/2019								6.34	
5/6/2019	7.98								
9/9/2019									
9/10/2019									7.48
9/11/2019									
9/12/2019				5.45 (D)			5.89		
9/13/2019		5.07	7.29		5.61				
9/16/2019	7.15					6.09			
9/17/2019								6.19 (D)	
3/6/2020									
3/9/2020									7.68
3/11/2020		5.31	7.09	6.56	5.57		5.4		
3/12/2020								6.17	
3/16/2020	7.01					6.88			
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020			7.45	6.38			5.26		
9/16/2020					5.62	6			7.68
9/17/2020	7.05								
9/21/2020								6.28	
3/10/2021									
3/11/2021									
3/12/2021									
3/16/2021			7.51						7.85
3/17/2021				6.58	5.64	5.85	6.31		
3/18/2021	6.45								
3/19/2021								6.31	
3/29/2021		8.04							
5/26/2021									
8/4/2021									
8/5/2021									
8/6/2021									7.09
8/9/2021		7.85	6.63	6.47	5.34	5.71	5.16		
8/10/2021	6.99								
8/11/2021								6.05	
1/31/2022									
2/1/2022			6.62	6.3	5.61				
2/2/2022	8.92	7.94				5.9	5.17	6.35	6.89
2/3/2022									
4/28/2022	6.91					5.78		6.33	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

GWA-4RZ (bg)

3/10/2016
3/11/2016
3/14/2016
3/15/2016
3/22/2016
3/23/2016
3/28/2016
4/4/2016
5/11/2016
5/12/2016
5/13/2016
5/16/2016
5/17/2016
5/19/2016
5/20/2016
5/23/2016
5/25/2016
5/27/2016
7/19/2016
7/20/2016
7/21/2016
7/22/2016
7/27/2016
7/29/2016
8/1/2016
8/2/2016
8/3/2016
9/15/2016
9/16/2016
9/19/2016
9/20/2016
9/21/2016
9/22/2016
9/23/2016
9/26/2016
9/27/2016
9/30/2016
11/2/2016
11/3/2016
11/4/2016
11/9/2016
11/10/2016
11/11/2016
11/21/2016
11/22/2016
1/17/2017
1/18/2017
1/23/2017
1/30/2017
1/31/2017
2/3/2017
2/13/2017

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

GWA-4RZ (bg)

2/21/2017	
2/22/2017	7.38 (D)
3/24/2017	
3/27/2017	
3/28/2017	
3/30/2017	
4/3/2017	
4/7/2017	7.35 (D)
4/11/2017	
5/24/2017	
6/6/2017	
6/7/2017	
6/8/2017	
6/9/2017	
6/12/2017	
6/13/2017	
6/14/2017	7.3 (D)
7/11/2017	7.39
7/12/2017	7.39 (D)
7/17/2017	
7/19/2017	7.44
7/20/2017	7.44 (D)
7/26/2017	
7/27/2017	7.5
7/28/2017	7.5
8/8/2017	7.52
8/9/2017	7.52
8/23/2017	7.5
8/24/2017	7.5
9/22/2017	
9/25/2017	
9/26/2017	
9/29/2017	
10/2/2017	
10/3/2017	7.51 (D)
10/4/2017	
12/28/2017	7.32 (Y)
3/14/2018	
3/15/2018	
3/16/2018	
3/19/2018	
3/20/2018	
3/21/2018	7.3
3/22/2018	
9/12/2018	
9/13/2018	
9/14/2018	
9/17/2018	
9/18/2018	7.26
3/13/2019	
3/14/2019	
3/15/2019	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/9/2022 10:02 AM View: Appendix III Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

GWA-4RZ (bg)

3/19/2019	
3/20/2019	
3/21/2019	7.28 (D)
3/23/2019	
5/6/2019	
9/9/2019	
9/10/2019	
9/11/2019	
9/12/2019	7.2 (D)
9/13/2019	
9/16/2019	
9/17/2019	
3/6/2020	
3/9/2020	
3/11/2020	
3/12/2020	7.55
3/16/2020	
9/10/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	7.42
9/21/2020	
3/10/2021	
3/11/2021	
3/12/2021	
3/16/2021	7.4
3/17/2021	
3/18/2021	
3/19/2021	
3/29/2021	
5/26/2021	
8/4/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	7.2
8/11/2021	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	7.2
4/28/2022	

GROUNDWATER STATS CONSULTING



August 31, 2022

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Bowen Landfill Cells 3 & 4
Background Update & January 2022 Statistical Analysis

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and statistical analysis of groundwater quality for the January 2022 sample event for Georgia Power Company's Plant Bowen Landfill Cells 3 & 4. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals (CCR) from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10, and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Semi-annual sampling is conducted for USEPA's CCR Appendix III parameters, in addition to 16 parameters in accordance with the Georgia EPD's Solid Waste Permit. The monitoring well network, as provided by Southern Company Services, consists of the following:

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient:** GWA-36, GWA-36RA, GWA-37, GWA-38, GWA-51RZ, GWA-52, GWA-53, GWA-53R, GWA-54, GWA-55, GWA-55R, and GWA-56
- **Downgradient:** GWC-16R, GWC-17R, GWC-18, GWC-18R, GWC-19R, GWC-20R, GWC-21R, GWC-22R, GWC-23R, GWC-24R, and GWC-25R

Note that upgradient well GWA-36R was replaced with GWA-36RA and was first sampled in July 2021. As requested, all historical data from well GWA-36R have been combined with data from replacement well GWA-36RA.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Groundwater Statistician and Founder of Groundwater Stats Consulting. The analysis was prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting and primary author of the USEPA Unified Guidance.

The constituents listed below are evaluated in this report. The terms “parameters” and “constituents” are interchangeable.

- **CCR Appendix III:** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia Appendix I EPD:** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of Appendix I well/constituent pairs with 100% non-detects follows this letter.

Time series plots for all well/constituent pairs are provided and are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. A summary of flagged outliers follows this report (Figure C).

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the screening report and demonstrated that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical

method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following statistical methods:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (all parameters)
- # Constituents: 16
- # Downgradient wells: 11

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (chloride, pH, sulfate, and TDS)
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, fluoride)
- # Constituents: 7
- # Downgradient wells: 11

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, the earlier portion of data are deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to natural variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of SSIs that result from natural variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are

noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of natural variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening Georgia EPD Constituents – Conducted in August 2019

Outliers Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers for all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Testing

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

Several statistically significant decreasing trends were noted, but adjustments were required only for barium in well GWA-53, copper in well GWA-37, and nickel in well GWC-16R. The magnitudes of all other trends were low relative to the average concentrations at each respective well. However, the decreasing trend for zinc at GWC-16R may require adjustment in the future, if it persists, in order to obtain a more conservative prediction limit. Statistically significant increasing trends were also noted but adjustments to eliminate the trends were required only for barium and zinc in well GWA-36 because the magnitudes of trends identified for all other well/constituent pairs were low relative to the average concentrations. Truncation of earlier data is based on the assumption that the increasing trend is not the result of the facility. Further discussion of this assumption is included with the use of intrawell methods. A summary of the background date ranges used for these well/constituent pairs follows this letter.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells are not

representative of the current background data population; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified statistically significant differences among upgradient well data for several of the constituents, suggesting intrawell methods would be the most appropriate statistical method for these constituents. For constituents where variation is not identified, interwell analyses would typically be recommended. However, because this is a lined landfill with pre-waste data showing that metals occur naturally in low level concentrations, and no records required any adjustments due to statistically significant increasing trends in downgradient well data, intrawell methods are recommended as the primary statistical method for all detected well/constituent pairs.

Summary of Background Update Georgia EPD Appendix I Constituents – April 2022

Outlier Analysis

Prior to updating background data, all Appendix I data were evaluated for the purpose of updating background data sets. Tukey's outlier test and visual screening were used to evaluate data for all wells and constituent through January 2022 (Figure C). All previously flagged outliers were confirmed and, although Tukey's test noted potential outliers in the newer set of measurements, only the highest concentrations of chromium and lead were flagged in upgradient well GWA-37 as all other measurements were similar to remaining concentrations within a given well.

Any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. The Appendix I outliers are included in the outlier summary following this letter (Figure C).

Mann-Whitney

For all Appendix I constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through September 2018 to the new compliance samples at each well through August 2021 (Figure D). When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The following statistically significant results were identified:

Increasing

Antimony: GWC-16R
Barium: GWA-56 (upgradient)

Decreasing:

Antimony:	GWA-37 and GWA-53R (both upgradient), and GWC-18R
Arsenic:	GWC-16R and GWC-22R
Barium:	GWA-37 and GWA-55R (both upgradient), and GWC-18
Beryllium:	GWA-53 (upgradient)
Cobalt:	GWA-38 (upgradient) and GWC-22R
Lead:	GWA-53R (upgradient)
Nickel:	GWA-38 (upgradient) and GWC-16R

Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data sets are not updated to include the newer data unless it can be reasonably justified that the change in concentrations reflects a naturally occurring shift unrelated to practices at the site. In the case of antimony at downgradient well GWC-16R and barium in upgradient well GWA-56, while the more recent medians were slightly higher than the background medians, recent concentrations were similar to those reported historically. Additionally, well GWA-56 reflects naturally occurring groundwater quality upgradient of the facility.

For the cases identified by the Mann-Whitney with statistically significant lower medians in more recent data compared to the historical medians, the more recent concentrations were also similar to those reported historically or resulted from more recent trace measurements compared to historical non-detect measurements.

Therefore, all records were updated through July/August 2021. Additionally, the previously truncated records, which continue to use the more recent portion of data, were updated with newer data through July/August 2021. A summary of these results follows this letter, and the test results are included with the Mann Whitney test section. All records for Appendix I constituents will be re-evaluated during the next background update.

Summary of Background Update CCR Appendix III Constituents – Conducted in April 2022

Outlier Analysis

Background data sets were last updated in March 2020 and a summary of the findings was submitted at that time. All Appendix III data were evaluated during this analysis for the purpose of updating background data sets through August 2021.

Tukey's test and visual screening was used to evaluate data through August 2021 at all wells for chloride, pH, sulfate and TDS which are evaluated using intrawell prediction

limits, and at pooled upgradient wells through January 2022 for boron, calcium, and fluoride which are evaluated using interwell prediction limits (Figure C).

All previously identified outliers were confirmed and, although Tukey's test noted several new potential outliers, only the highest measurements for sulfate in downgradient wells GWC-17R and GWC-21R were flagged to construct statistical limits that are conservative (i.e., lower) from a regulatory perspective.

All remaining values identified by Tukey's test appeared to be representative of natural variation in groundwater quality. Any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. The Appendix III outliers are included in the outlier summary following this letter (Figure C).

Mann-Whitney

For Appendix III constituents requiring intrawell prediction limits (chloride, pH, sulfate, and TDS), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through September 2019 to the new compliance samples at each well through August 2021 (Figure E). When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data.

The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increasing:

- None

Decreasing:

- Chloride: GWA-51RZ, GWA-53, GWA-53R (all upgradient), and GWC-16R, GWC-17R, GWC-22R, and GWC-25R
- pH: GWC-22R
- Sulfate: GWA-53, GWA-53R, GWA-54 (all upgradient), and GWC-18R, and GWC-22R
- TDS: GWC-17R

Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background are not updated to include the newer data unless it can be reasonably justified that

the change in concentrations reflects a naturally occurring shift unrelated to practices at the site. The cases identified with statistically significant Mann-Whitney results, however, were updated because while the newer data had lower medians, the reported concentrations were similar to those reported historically.

Therefore, all records for chloride, pH, sulfate, and TDS were updated through July/August 2021 for construction of intrawell prediction limits were updated through July/August 2021. Data sets will be re-evaluated during the next background update.

Trend Tests

For boron, calcium, and fluoride, which are evaluated using interwell prediction limits, the Sen's Slope/Mann-Kendall trend test was used to evaluate data in upgradient wells to determine whether concentrations are statistically significantly increasing, decreasing or stable over time (Figure F). Statistically significant trends were noted in upgradient wells for the following:

Increasing

- Calcium: GWA-51RZ and GWA-55
- Fluoride: GWA-36RA and GWA-55

Decreasing

- Calcium: GWA-37

The increasing trends for fluoride in wells GWA-36R and GWA-55 are an artifact of laboratory censoring at a higher level than detected values early in the record. For calcium at upgradient wells GWA-51RZ and GWA-55, the reported concentrations are similar to those in background and both wells exhibit similar patterns and concentrations which represents groundwater quality upgradient of the site. Therefore, no adjustments were required for these records.

The statistically significant decreasing trend noted for calcium in well GWA-36 was of short duration and relatively low in magnitude with concentrations similar to those in neighboring upgradient wells. Therefore, no adjust was required for this record.

All well/constituent pairs were updated using all available data from upgradient wells through January 2022. Interwell prediction limits pool upgradient well data to establish background limits for boron, calcium, and fluoride and will be used to evaluate future semi-annual compliance samples at each downgradient well.

Evaluation of Georgia EPD Appendix I Constituents – January 2022

Intrawell limits constructed from screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well. The most recent sample from the same well is compared to its respective background. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking natural spatial variation for a release from the facility.

In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent where intrawell analyses are recommended, the current assumption is that this is due to natural spatial variation rather than a result of practices at the landfill. Validation of this assumption requires a separate analysis or investigation that is beyond the scope of this data screening study. However, for this site, the pre-waste data support the assumption of natural variation rather than impacts of the landfill.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through July/August 2021, except for the cases mentioned above, within each well with detections (Figure G). Note that upgradient well GWA-36 was dry during this sample event and, therefore, no compliance measurements were compared to the updated prediction limits.

The January 2022 data from each well were compared to these intrawell background limits. No statistical analyses were included for well/constituent pairs with 100% non-detects and a list of these well/constituent pairs follows this report.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well. The time series graphs, however, substitute the most recent reporting limit for all wells, using the same limit across all wells.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of

the exceedance (i.e., impact from the site, natural variation, or an off-site source). If any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary of the Georgia EPD Appendix I prediction limits follows this report. Statistical exceedances were identified for the following well/constituent pairs:

- Antimony: GWC-16R
- Barium: GWA-51RZ (upgradient)

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data to evaluate the apparent intrawell prediction limit exceedances among downgradient wells (Figure H). The following well/constituent pair exceeded its respective interwell prediction limit:

- Antimony: GWC-16R

The reported measurement of 0.019 mg/L for antimony in well GWC-16R exceeded the interwell prediction limit of 0.0052 mg/L. Therefore, this well/constituent pairs would require further research to identify the cause of the exceedance (i.e., natural variation, an off-site source, or impact from the site).

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable (Figure I). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of natural variability in groundwater unrelated to practices at the site. The following statistically significant trends were noted:

Increasing:

- Antimony: GWC-16R

Decreasing:

- Antimony: GWA-37

Evaluation of Appendix III Parameters – January 2022

Intrawell Prediction Limits

For chloride, pH, sulfate, and TDS, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through July/August 2021 (Figure J). The January 2022 sample from each well was compared to its respective background limit to determine whether exceedances over background are present. Apparent intrawell prediction limit exceedances were identified for the following well/constituent pairs:

- pH: GWA-37, GWA-56 (both upgradient), GWC-17R, and GWC-21R
- Sulfate: GWC-21R and GWC-25R

Two-Step Analysis

Following the two-step analysis as described above, interwell prediction limits were then constructed using pooled upgradient well data to evaluate the apparent intrawell prediction limit exceedances among downgradient wells (Figure K). No statistical exceedances were noted; therefore, no further action was necessary.

Interwell Prediction Limits

For boron, calcium, and fluoride, interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all pooled upgradient well data through January 2022 (Figure L). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The January 2022 sample from each downgradient well was compared to the background limits to determine whether exceedances over background are present. The following interwell prediction limits exceedances were noted:

- Calcium: GWC-16R, GWC-17R, GWC-21R, and GWC-23R

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit for both intrawell and interwell methods were further evaluated using the Sen's Slope/Mann Kendall trend test along with upgradient wells for the same constituents (Figure M). Complete graphical results of the trend tests follow this letter. Statistically significant trends were identified for the following well/constituent pairs:

Increasing

- Calcium: GWA-51RZ, GWA-55 (both upgradient) and GWC-16R
- Sulfate: GWA-51RZ (upgradient)

Decreasing

- Calcium: GWA-37 (upgradient)
- pH: GWA-36 and GWA-37 (both upgradient)
- Sulfate: GWA-36, GWA-37, GWA-53, GWA-53R, and GWA-54 (all upgradient)

Summary

Based on the results of the Appendix I and III constituents requiring intrawell prediction limits combined with interwell prediction limits to evaluate apparent exceedances according to the Two-Step Approach, as well as the Appendix III constituents evaluated using interwell prediction limits, the following downgradient prediction limit exceedances were identified:

Appendix I

- Antimony: GWC-16R

Appendix III

- Calcium: GWC-16R, GWC-17R, GWC-21R, and GWC-23R

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Bowen Landfill at Cells 3 & 4. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Easton Rayner
Groundwater Analyst



Kristina Rayner
Groundwater Statistician

Date Ranges

Date: 4/13/2022 3:15 PM

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Barium (mg/L)

GWA-36 background:3/17/2015-8/6/2021

GWA-53 background:6/24/2015-7/29/2021

Copper (mg/L)

GWA-37 background:3/17/2015-7/28/2021

Nickel (mg/L)

GWC-16R background:3/3/2015-7/30/2021

Zinc (mg/L)

GWA-36 background:3/17/2015-8/6/2021

100% Non-Detects: Appendix I

Analysis Run 4/11/2022 4:04 PM View: AI

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Antimony (mg/L)

GWC-19R, GWC-22R

Beryllium (mg/L)

GWC-16R, GWC-17R, GWC-21R, GWC-22R, GWC-23R, GWC-24R, GWC-25R

Cadmium (mg/L)

GWC-16R, GWC-17R, GWC-18R, GWC-19R, GWC-20R, GWC-23R, GWC-24R

Cobalt (mg/L)

GWC-17R, GWC-19R, GWC-20R, GWC-23R, GWC-24R

Lead (mg/L)

GWC-20R

Nickel (mg/L)

GWC-17R, GWC-18R, GWC-20R

Selenium (mg/L)

GWC-16R, GWC-17R, GWC-18, GWC-18R, GWC-19R, GWC-20R, GWC-21R, GWC-22R, GWC-24R, GWC-25R

Silver (mg/L)

GWC-18, GWC-19R, GWC-20R, GWC-21R, GWC-22R, GWC-23R, GWC-24R, GWC-25R

Thallium (mg/L)

GWC-17R, GWC-18R, GWC-19R, GWC-24R, GWC-25R

Vanadium (mg/L)

GWC-25R

Mann Whitney - Appendix I - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Antimony (mg/L)	GWA-37 (bg)	-3.047	Yes	Yes	Mann-W
Antimony (mg/L)	GWA-53R (bg)	-3.557	Yes	Yes	Mann-W
Antimony (mg/L)	GWC-16R	3.447	Yes	Yes	Mann-W
Antimony (mg/L)	GWC-18R	-2.977	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-16R	-2.593	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-22R	-2.883	Yes	Yes	Mann-W
Barium (mg/L)	GWA-37 (bg)	-3.684	Yes	Yes	Mann-W
Barium (mg/L)	GWA-55R (bg)	-3.317	Yes	Yes	Mann-W
Barium (mg/L)	GWA-56 (bg)	3.445	Yes	Yes	Mann-W
Barium (mg/L)	GWC-18	-3.024	Yes	Yes	Mann-W
Beryllium (mg/L)	GWA-53 (bg)	-3.924	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-38 (bg)	-3.4	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-22R	-4.081	Yes	Yes	Mann-W
Lead (mg/L)	GWA-53R (bg)	-2.761	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-38 (bg)	-2.626	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-16R	-3.071	Yes	Yes	Mann-W

Mann Whitney - Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

Constituent	Well	Calc.	0.01	Sig.	Method
Antimony (mg/L)	GWA-36 (bg)	-2.432	No	No	Mann-W
Antimony (mg/L)	GWA-36RA (bg)	-1.917	No	No	Mann-W
Antimony (mg/L)	GWA-37 (bg)	-3.047	Yes	Yes	Mann-W
Antimony (mg/L)	GWA-51RZ (bg)	-2.299	No	No	Mann-W
Antimony (mg/L)	GWA-52 (bg)	-1.917	No	No	Mann-W
Antimony (mg/L)	GWA-53 (bg)	-1.898	No	No	Mann-W
Antimony (mg/L)	GWA-53R (bg)	-3.557	Yes	Yes	Mann-W
Antimony (mg/L)	GWA-54 (bg)	-1.502	No	No	Mann-W
Antimony (mg/L)	GWA-55 (bg)	-0.9216	No	No	Mann-W
Antimony (mg/L)	GWA-55R (bg)	1.114	No	No	Mann-W
Antimony (mg/L)	GWA-56 (bg)	0.4564	No	No	Mann-W
Antimony (mg/L)	GWC-16R	3.447	Yes	Yes	Mann-W
Antimony (mg/L)	GWC-17R	0.7241	No	No	Mann-W
Antimony (mg/L)	GWC-18	-1.053	No	No	Mann-W
Antimony (mg/L)	GWC-18R	-2.977	Yes	Yes	Mann-W
Antimony (mg/L)	GWC-20R	-1.917	No	No	Mann-W
Antimony (mg/L)	GWC-21R	-1.473	No	No	Mann-W
Antimony (mg/L)	GWC-23R	-0.04422	No	No	Mann-W
Antimony (mg/L)	GWC-24R	-2.049	No	No	Mann-W
Antimony (mg/L)	GWC-25R	0.8034	No	No	Mann-W
Arsenic (mg/L)	GWA-36RA (bg)	1.114	No	No	Mann-W
Arsenic (mg/L)	GWA-37 (bg)	-0.9216	No	No	Mann-W
Arsenic (mg/L)	GWA-38 (bg)	-0.7751	No	No	Mann-W
Arsenic (mg/L)	GWA-51RZ (bg)	-0.7891	No	No	Mann-W
Arsenic (mg/L)	GWA-52 (bg)	-0.3838	No	No	Mann-W
Arsenic (mg/L)	GWA-53 (bg)	-1.896	No	No	Mann-W
Arsenic (mg/L)	GWA-53R (bg)	-2.255	No	No	Mann-W
Arsenic (mg/L)	GWA-54 (bg)	-1.017	No	No	Mann-W
Arsenic (mg/L)	GWA-55 (bg)	-1.017	No	No	Mann-W
Arsenic (mg/L)	GWA-55R (bg)	-0.4285	No	No	Mann-W
Arsenic (mg/L)	GWA-56 (bg)	-0.8959	No	No	Mann-W
Arsenic (mg/L)	GWC-16R	-2.593	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-17R	1.647	No	No	Mann-W
Arsenic (mg/L)	GWC-18	-1.809	No	No	Mann-W
Arsenic (mg/L)	GWC-18R	-1.459	No	No	Mann-W
Arsenic (mg/L)	GWC-19R	-1.308	No	No	Mann-W
Arsenic (mg/L)	GWC-20R	-1.017	No	No	Mann-W
Arsenic (mg/L)	GWC-21R	-1.201	No	No	Mann-W
Arsenic (mg/L)	GWC-22R	-2.883	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-23R	0.3391	No	No	Mann-W
Arsenic (mg/L)	GWC-24R	-0.4286	No	No	Mann-W
Arsenic (mg/L)	GWC-25R	0	No	No	Mann-W
Barium (mg/L)	GWA-36 (bg)	2.034	No	No	Mann-W
Barium (mg/L)	GWA-36RA (bg)	1.037	No	No	Mann-W
Barium (mg/L)	GWA-37 (bg)	-3.684	Yes	Yes	Mann-W
Barium (mg/L)	GWA-38 (bg)	-1.023	No	No	Mann-W
Barium (mg/L)	GWA-51RZ (bg)	0.2134	No	No	Mann-W
Barium (mg/L)	GWA-52 (bg)	-1.462	No	No	Mann-W
Barium (mg/L)	GWA-53 (bg)	-1.852	No	No	Mann-W
Barium (mg/L)	GWA-53R (bg)	0.7491	No	No	Mann-W
Barium (mg/L)	GWA-54 (bg)	1.189	No	No	Mann-W
Barium (mg/L)	GWA-55 (bg)	0.579	No	No	Mann-W
Barium (mg/L)	GWA-55R (bg)	-3.317	Yes	Yes	Mann-W
Barium (mg/L)	GWA-56 (bg)	3.445	Yes	Yes	Mann-W
Barium (mg/L)	GWC-16R	0	No	No	Mann-W
Barium (mg/L)	GWC-17R	-1.944	No	No	Mann-W
Barium (mg/L)	GWC-18	-3.024	Yes	Yes	Mann-W
Barium (mg/L)	GWC-18R	0.8136	No	No	Mann-W
Barium (mg/L)	GWC-19R	-0.1293	No	No	Mann-W
Barium (mg/L)	GWC-20R	-0.8549	No	No	Mann-W
Barium (mg/L)	GWC-21R	-2.141	No	No	Mann-W
Barium (mg/L)	GWC-22R	1.191	No	No	Mann-W
Barium (mg/L)	GWC-23R	-0.2436	No	No	Mann-W
Barium (mg/L)	GWC-24R	-1.471	No	No	Mann-W
Barium (mg/L)	GWC-25R	1.465	No	No	Mann-W
Beryllium (mg/L)	GWA-36 (bg)	-0.37	No	No	Mann-W
Beryllium (mg/L)	GWA-36RA (bg)	-2.057	No	No	Mann-W
Beryllium (mg/L)	GWA-37 (bg)	0.4564	No	No	Mann-W

Mann Whitney - Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

Constituent	Well	Calc.	0.01	Sig.	Method
Beryllium (mg/L)	GWA-38 (bg)	1.443	No	No	Mann-W
Beryllium (mg/L)	GWA-51RZ (bg)	0.4564	No	No	Mann-W
Beryllium (mg/L)	GWA-52 (bg)	-1.917	No	No	Mann-W
Beryllium (mg/L)	GWA-53 (bg)	-3.924	Yes	Yes	Mann-W
Beryllium (mg/L)	GWA-53R (bg)	0.4564	No	No	Mann-W
Beryllium (mg/L)	GWA-55 (bg)	0.4564	No	No	Mann-W
Beryllium (mg/L)	GWA-55R (bg)	0.932	No	No	Mann-W
Beryllium (mg/L)	GWA-56 (bg)	0.4564	No	No	Mann-W
Beryllium (mg/L)	GWC-18	0.7241	No	No	Mann-W
Beryllium (mg/L)	GWC-18R	-2.514	No	No	Mann-W
Beryllium (mg/L)	GWC-19R	-1.308	No	No	Mann-W
Beryllium (mg/L)	GWC-20R	0.4564	No	No	Mann-W
Cadmium (mg/L)	GWA-36 (bg)	0.7321	No	No	Mann-W
Cadmium (mg/L)	GWA-36RA (bg)	-2.38	No	No	Mann-W
Cadmium (mg/L)	GWA-37 (bg)	-1.502	No	No	Mann-W
Cadmium (mg/L)	GWA-38 (bg)	1.447	No	No	Mann-W
Cadmium (mg/L)	GWA-51RZ (bg)	-0.06583	No	No	Mann-W
Cadmium (mg/L)	GWC-18	0.4564	No	No	Mann-W
Cadmium (mg/L)	GWC-21R	0.4564	No	No	Mann-W
Cadmium (mg/L)	GWC-22R	0.4564	No	No	Mann-W
Cadmium (mg/L)	GWC-25R	0.4564	No	No	Mann-W
Chromium (mg/L)	GWA-36 (bg)	1.283	No	No	Mann-W
Chromium (mg/L)	GWA-36RA (bg)	-1.181	No	No	Mann-W
Chromium (mg/L)	GWA-37 (bg)	1.725	No	No	Mann-W
Chromium (mg/L)	GWA-38 (bg)	-1.376	No	No	Mann-W
Chromium (mg/L)	GWA-51RZ (bg)	-1.333	No	No	Mann-W
Chromium (mg/L)	GWA-52 (bg)	-1.829	No	No	Mann-W
Chromium (mg/L)	GWA-53 (bg)	-1.286	No	No	Mann-W
Chromium (mg/L)	GWA-53R (bg)	-1.731	No	No	Mann-W
Chromium (mg/L)	GWA-54 (bg)	0.405	No	No	Mann-W
Chromium (mg/L)	GWA-55 (bg)	-1.823	No	No	Mann-W
Chromium (mg/L)	GWA-55R (bg)	-1.282	No	No	Mann-W
Chromium (mg/L)	GWA-56 (bg)	-1.99	No	No	Mann-W
Chromium (mg/L)	GWC-16R	-1.049	No	No	Mann-W
Chromium (mg/L)	GWC-17R	-0.04422	No	No	Mann-W
Chromium (mg/L)	GWC-18	-2.306	No	No	Mann-W
Chromium (mg/L)	GWC-18R	-1.027	No	No	Mann-W
Chromium (mg/L)	GWC-19R	-0.9687	No	No	Mann-W
Chromium (mg/L)	GWC-20R	-1.772	No	No	Mann-W
Chromium (mg/L)	GWC-21R	-0.8345	No	No	Mann-W
Chromium (mg/L)	GWC-22R	-0.3838	No	No	Mann-W
Chromium (mg/L)	GWC-23R	-0.4837	No	No	Mann-W
Chromium (mg/L)	GWC-24R	-1.917	No	No	Mann-W
Chromium (mg/L)	GWC-25R	-2.047	No	No	Mann-W
Cobalt (mg/L)	GWA-36 (bg)	0.4564	No	No	Mann-W
Cobalt (mg/L)	GWA-36RA (bg)	-0.04424	No	No	Mann-W
Cobalt (mg/L)	GWA-37 (bg)	1.9	No	No	Mann-W
Cobalt (mg/L)	GWA-38 (bg)	-3.4	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-51RZ (bg)	0.4564	No	No	Mann-W
Cobalt (mg/L)	GWA-54 (bg)	0.7241	No	No	Mann-W
Cobalt (mg/L)	GWA-55 (bg)	2.409	No	No	Mann-W
Cobalt (mg/L)	GWA-55R (bg)	1.443	No	No	Mann-W
Cobalt (mg/L)	GWC-16R	0	No	No	Mann-W
Cobalt (mg/L)	GWC-18	0.7241	No	No	Mann-W
Cobalt (mg/L)	GWC-18R	1.115	No	No	Mann-W
Cobalt (mg/L)	GWC-21R	-2.397	No	No	Mann-W
Cobalt (mg/L)	GWC-22R	-4.081	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-25R	-0.9216	No	No	Mann-W
Copper (mg/L)	GWA-36 (bg)	-0.8401	No	No	Mann-W
Copper (mg/L)	GWA-36RA (bg)	0.5367	No	No	Mann-W
Copper (mg/L)	GWA-37 (bg)	-0.2714	No	No	Mann-W
Copper (mg/L)	GWA-38 (bg)	0.8463	No	No	Mann-W
Copper (mg/L)	GWA-51RZ (bg)	-0.4355	No	No	Mann-W
Copper (mg/L)	GWA-52 (bg)	-0.8401	No	No	Mann-W
Copper (mg/L)	GWA-53 (bg)	-0.6874	No	No	Mann-W
Copper (mg/L)	GWA-53R (bg)	0.8401	No	No	Mann-W
Copper (mg/L)	GWA-54 (bg)	-0.8401	No	No	Mann-W
Copper (mg/L)	GWA-55 (bg)	0.527	No	No	Mann-W

Mann Whitney - Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

Constituent	Well	Calc.	0.01	Sig.	Method
Copper (mg/L)	GWA-55R (bg)	1.088	No	No	Mann-W
Copper (mg/L)	GWA-56 (bg)	-1.726	No	No	Mann-W
Copper (mg/L)	GWC-16R	1.37	No	No	Mann-W
Copper (mg/L)	GWC-17R	0.8	No	No	Mann-W
Copper (mg/L)	GWC-18	-1.687	No	No	Mann-W
Copper (mg/L)	GWC-18R	0.8401	No	No	Mann-W
Copper (mg/L)	GWC-19R	-0.2557	No	No	Mann-W
Copper (mg/L)	GWC-20R	0.527	No	No	Mann-W
Copper (mg/L)	GWC-21R	0.2945	No	No	Mann-W
Copper (mg/L)	GWC-22R	-0.8401	No	No	Mann-W
Copper (mg/L)	GWC-23R	-0.5106	No	No	Mann-W
Copper (mg/L)	GWC-24R	-2.293	No	No	Mann-W
Copper (mg/L)	GWC-25R	-1.687	No	No	Mann-W
Lead (mg/L)	GWA-36 (bg)	-2.134	No	No	Mann-W
Lead (mg/L)	GWA-36RA (bg)	-0.5761	No	No	Mann-W
Lead (mg/L)	GWA-37 (bg)	1.65	No	No	Mann-W
Lead (mg/L)	GWA-38 (bg)	0.9507	No	No	Mann-W
Lead (mg/L)	GWA-51RZ (bg)	-2.029	No	No	Mann-W
Lead (mg/L)	GWA-53 (bg)	-1.901	No	No	Mann-W
Lead (mg/L)	GWA-53R (bg)	-2.761	Yes	Yes	Mann-W
Lead (mg/L)	GWA-54 (bg)	-1.917	No	No	Mann-W
Lead (mg/L)	GWA-55 (bg)	-2.212	No	No	Mann-W
Lead (mg/L)	GWA-55R (bg)	-0.04428	No	No	Mann-W
Lead (mg/L)	GWA-56 (bg)	-0.8203	No	No	Mann-W
Lead (mg/L)	GWC-16R	-0.7518	No	No	Mann-W
Lead (mg/L)	GWC-17R	0.4564	No	No	Mann-W
Lead (mg/L)	GWC-18	-2.332	No	No	Mann-W
Lead (mg/L)	GWC-18R	-0.9677	No	No	Mann-W
Lead (mg/L)	GWC-19R	-0.09689	No	No	Mann-W
Lead (mg/L)	GWC-21R	0.2741	No	No	Mann-W
Lead (mg/L)	GWC-22R	-0.2908	No	No	Mann-W
Lead (mg/L)	GWC-23R	-2.029	No	No	Mann-W
Lead (mg/L)	GWC-24R	-2.389	No	No	Mann-W
Lead (mg/L)	GWC-25R	-2.533	No	No	Mann-W
Mercury (mg/L)	GWA-36 (bg)	1.647	No	No	Mann-W
Mercury (mg/L)	GWA-36RA (bg)	1.114	No	No	Mann-W
Mercury (mg/L)	GWA-37 (bg)	0	No	No	Mann-W
Mercury (mg/L)	GWA-38 (bg)	0.3095	No	No	Mann-W
Mercury (mg/L)	GWA-51RZ (bg)	1.282	No	No	Mann-W
Mercury (mg/L)	GWC-16R	0.7241	No	No	Mann-W
Mercury (mg/L)	GWC-17R	0.932	No	No	Mann-W
Mercury (mg/L)	GWC-18	1.282	No	No	Mann-W
Mercury (mg/L)	GWC-18R	0.932	No	No	Mann-W
Mercury (mg/L)	GWC-19R	0	No	No	Mann-W
Mercury (mg/L)	GWC-20R	0.932	No	No	Mann-W
Mercury (mg/L)	GWC-21R	0.4564	No	No	Mann-W
Mercury (mg/L)	GWC-22R	0.2741	No	No	Mann-W
Mercury (mg/L)	GWC-23R	0.7241	No	No	Mann-W
Mercury (mg/L)	GWC-24R	0.7241	No	No	Mann-W
Mercury (mg/L)	GWC-25R	0.932	No	No	Mann-W
Nickel (mg/L)	GWA-36 (bg)	-1.302	No	No	Mann-W
Nickel (mg/L)	GWA-36RA (bg)	-0.2158	No	No	Mann-W
Nickel (mg/L)	GWA-37 (bg)	-1.21	No	No	Mann-W
Nickel (mg/L)	GWA-38 (bg)	-2.626	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-51RZ (bg)	0.8707	No	No	Mann-W
Nickel (mg/L)	GWA-52 (bg)	0.527	No	No	Mann-W
Nickel (mg/L)	GWA-53 (bg)	0.8401	No	No	Mann-W
Nickel (mg/L)	GWA-54 (bg)	1.087	No	No	Mann-W
Nickel (mg/L)	GWA-55 (bg)	-0.8401	No	No	Mann-W
Nickel (mg/L)	GWA-55R (bg)	1.511	No	No	Mann-W
Nickel (mg/L)	GWA-56 (bg)	0.527	No	No	Mann-W
Nickel (mg/L)	GWC-16R	-3.071	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-18	0.4394	No	No	Mann-W
Nickel (mg/L)	GWC-19R	-0.6874	No	No	Mann-W
Nickel (mg/L)	GWC-21R	-1.1	No	No	Mann-W
Nickel (mg/L)	GWC-22R	-2.386	No	No	Mann-W
Nickel (mg/L)	GWC-23R	-1.726	No	No	Mann-W
Nickel (mg/L)	GWC-24R	0.527	No	No	Mann-W

Mann Whitney - Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Nickel (mg/L)	GWC-25R	0.527	No	No	Mann-W
Selenium (mg/L)	GWA-51RZ (bg)	-1.129	No	No	Mann-W
Selenium (mg/L)	GWA-55 (bg)	-2.338	No	No	Mann-W
Selenium (mg/L)	GWA-55R (bg)	-1.211	No	No	Mann-W
Selenium (mg/L)	GWA-56 (bg)	0.4564	No	No	Mann-W
Selenium (mg/L)	GWC-23R	-1.917	No	No	Mann-W
Silver (mg/L)	GWA-38 (bg)	0.527	No	No	Mann-W
Silver (mg/L)	GWC-16R	0.527	No	No	Mann-W
Silver (mg/L)	GWC-17R	0.8401	No	No	Mann-W
Silver (mg/L)	GWC-18R	0.527	No	No	Mann-W
Thallium (mg/L)	GWA-36 (bg)	0.7241	No	No	Mann-W
Thallium (mg/L)	GWA-36RA (bg)	0.7435	No	No	Mann-W
Thallium (mg/L)	GWA-51RZ (bg)	0.1117	No	No	Mann-W
Thallium (mg/L)	GWA-52 (bg)	0.932	No	No	Mann-W
Thallium (mg/L)	GWA-53 (bg)	1.902	No	No	Mann-W
Thallium (mg/L)	GWA-54 (bg)	1.12	No	No	Mann-W
Thallium (mg/L)	GWA-55 (bg)	0.03593	No	No	Mann-W
Thallium (mg/L)	GWA-55R (bg)	0.4564	No	No	Mann-W
Thallium (mg/L)	GWC-16R	-0.4027	No	No	Mann-W
Thallium (mg/L)	GWC-18	1.291	No	No	Mann-W
Thallium (mg/L)	GWC-20R	2.226	No	No	Mann-W
Thallium (mg/L)	GWC-21R	0.6358	No	No	Mann-W
Thallium (mg/L)	GWC-22R	-0.8139	No	No	Mann-W
Thallium (mg/L)	GWC-23R	0.2773	No	No	Mann-W
Vanadium (mg/L)	GWA-36RA (bg)	1.511	No	No	Mann-W
Vanadium (mg/L)	GWA-37 (bg)	-1.726	No	No	Mann-W
Vanadium (mg/L)	GWA-38 (bg)	0.2319	No	No	Mann-W
Vanadium (mg/L)	GWA-51RZ (bg)	-0.4393	No	No	Mann-W
Vanadium (mg/L)	GWA-52 (bg)	1.087	No	No	Mann-W
Vanadium (mg/L)	GWA-53 (bg)	0.527	No	No	Mann-W
Vanadium (mg/L)	GWA-53R (bg)	0.527	No	No	Mann-W
Vanadium (mg/L)	GWA-54 (bg)	1.306	No	No	Mann-W
Vanadium (mg/L)	GWA-55 (bg)	0.8401	No	No	Mann-W
Vanadium (mg/L)	GWA-55R (bg)	1.306	No	No	Mann-W
Vanadium (mg/L)	GWA-56 (bg)	0.8401	No	No	Mann-W
Vanadium (mg/L)	GWC-16R	-0.715	No	No	Mann-W
Vanadium (mg/L)	GWC-17R	0.527	No	No	Mann-W
Vanadium (mg/L)	GWC-18	-1.687	No	No	Mann-W
Vanadium (mg/L)	GWC-18R	0.8401	No	No	Mann-W
Vanadium (mg/L)	GWC-19R	-2.368	No	No	Mann-W
Vanadium (mg/L)	GWC-20R	0.527	No	No	Mann-W
Vanadium (mg/L)	GWC-21R	-2.368	No	No	Mann-W
Vanadium (mg/L)	GWC-22R	-1.687	No	No	Mann-W
Vanadium (mg/L)	GWC-23R	-0.8855	No	No	Mann-W
Vanadium (mg/L)	GWC-24R	-0.5886	No	No	Mann-W
Zinc (mg/L)	GWA-36 (bg)	0.5966	No	No	Mann-W
Zinc (mg/L)	GWA-36RA (bg)	-0.1237	No	No	Mann-W
Zinc (mg/L)	GWA-37 (bg)	-1.13	No	No	Mann-W
Zinc (mg/L)	GWA-38 (bg)	1.729	No	No	Mann-W
Zinc (mg/L)	GWA-51RZ (bg)	-0.2279	No	No	Mann-W
Zinc (mg/L)	GWA-52 (bg)	0.7333	No	No	Mann-W
Zinc (mg/L)	GWA-53 (bg)	1.03	No	No	Mann-W
Zinc (mg/L)	GWA-53R (bg)	1.527	No	No	Mann-W
Zinc (mg/L)	GWA-54 (bg)	1.484	No	No	Mann-W
Zinc (mg/L)	GWA-55 (bg)	0.4174	No	No	Mann-W
Zinc (mg/L)	GWA-55R (bg)	0.08912	No	No	Mann-W
Zinc (mg/L)	GWA-56 (bg)	1.01	No	No	Mann-W
Zinc (mg/L)	GWC-16R	-2.378	No	No	Mann-W
Zinc (mg/L)	GWC-17R	0.8625	No	No	Mann-W
Zinc (mg/L)	GWC-18	2.246	No	No	Mann-W
Zinc (mg/L)	GWC-18R	0.7147	No	No	Mann-W
Zinc (mg/L)	GWC-19R	1.948	No	No	Mann-W
Zinc (mg/L)	GWC-20R	1.792	No	No	Mann-W
Zinc (mg/L)	GWC-21R	1.92	No	No	Mann-W
Zinc (mg/L)	GWC-22R	0.5206	No	No	Mann-W
Zinc (mg/L)	GWC-23R	1.69	No	No	Mann-W
Zinc (mg/L)	GWC-24R	-0.4625	No	No	Mann-W
Zinc (mg/L)	GWC-25R	0.5793	No	No	Mann-W

Mann Whitney - IntraWell Appendix III - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:15 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Chloride (mg/L)	GWA-51RZ (bg)	-2.788	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-53 (bg)	-2.701	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-53R (bg)	-2.588	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-16R	-2.667	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-17R	-2.843	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-22R	-2.922	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-25R	-2.624	Yes	Yes	Mann-W
pH (pH units)	GWC-22R	-2.603	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-53 (bg)	-2.868	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-53R (bg)	-2.796	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-54 (bg)	-3.004	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-18R	-2.871	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-22R	-2.93	Yes	Yes	Mann-W
Total Dissolved Solids (mg/l)	GWC-17R	-2.776	Yes	Yes	Mann-W

Mann Whitney - Intrawell Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:15 PM

Constituent	Well	Calc.	0.01	Sig.	Method
Chloride (mg/L)	GWA-36 (bg)	-1.944	No	No	Mann-W
Chloride (mg/L)	GWA-36RA (bg)	-2.052	No	No	Mann-W
Chloride (mg/L)	GWA-37 (bg)	-2.216	No	No	Mann-W
Chloride (mg/L)	GWA-38 (bg)	2.287	No	No	Mann-W
Chloride (mg/L)	GWA-51RZ (bg)	-2.788	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-52 (bg)	1.421	No	No	Mann-W
Chloride (mg/L)	GWA-53 (bg)	-2.701	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-53R (bg)	-2.588	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-54 (bg)	-1.702	No	No	Mann-W
Chloride (mg/L)	GWA-55 (bg)	0.6887	No	No	Mann-W
Chloride (mg/L)	GWA-55R (bg)	0.1139	No	No	Mann-W
Chloride (mg/L)	GWA-56 (bg)	-2.154	No	No	Mann-W
Chloride (mg/L)	GWC-16R	-2.667	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-17R	-2.843	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-18	0.5165	No	No	Mann-W
Chloride (mg/L)	GWC-18R	-1.446	No	No	Mann-W
Chloride (mg/L)	GWC-19R	-0.05725	No	No	Mann-W
Chloride (mg/L)	GWC-20R	-0.8582	No	No	Mann-W
Chloride (mg/L)	GWC-21R	1.025	No	No	Mann-W
Chloride (mg/L)	GWC-22R	-2.922	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-23R	-2.238	No	No	Mann-W
Chloride (mg/L)	GWC-24R	-2.052	No	No	Mann-W
Chloride (mg/L)	GWC-25R	-2.624	Yes	Yes	Mann-W
pH (pH units)	GWA-36 (bg)	-1.529	No	No	Mann-W
pH (pH units)	GWA-36RA (bg)	-1.304	No	No	Mann-W
pH (pH units)	GWA-37 (bg)	-1.868	No	No	Mann-W
pH (pH units)	GWA-38 (bg)	-1.415	No	No	Mann-W
pH (pH units)	GWA-51RZ (bg)	0.2127	No	No	Mann-W
pH (pH units)	GWA-52 (bg)	-0.1134	No	No	Mann-W
pH (pH units)	GWA-53 (bg)	-1.869	No	No	Mann-W
pH (pH units)	GWA-53R (bg)	-2.162	No	No	Mann-W
pH (pH units)	GWA-54 (bg)	-1.134	No	No	Mann-W
pH (pH units)	GWA-55 (bg)	-2.384	No	No	Mann-W
pH (pH units)	GWA-55R (bg)	-1.762	No	No	Mann-W
pH (pH units)	GWA-56 (bg)	-1.86	No	No	Mann-W
pH (pH units)	GWC-16R	0.1703	No	No	Mann-W
pH (pH units)	GWC-17R	1.538	No	No	Mann-W
pH (pH units)	GWC-18	0.2836	No	No	Mann-W
pH (pH units)	GWC-18R	0.1702	No	No	Mann-W
pH (pH units)	GWC-19R	-1.421	No	No	Mann-W
pH (pH units)	GWC-20R	0.2658	No	No	Mann-W
pH (pH units)	GWC-21R	-0.2832	No	No	Mann-W
pH (pH units)	GWC-22R	-2.603	Yes	Yes	Mann-W
pH (pH units)	GWC-23R	-1.627	No	No	Mann-W
pH (pH units)	GWC-24R	0.2834	No	No	Mann-W
pH (pH units)	GWC-25R	0.4557	No	No	Mann-W
Sulfate (mg/L)	GWA-36 (bg)	-2.209	No	No	Mann-W
Sulfate (mg/L)	GWA-36RA (bg)	0.9636	No	No	Mann-W
Sulfate (mg/L)	GWA-37 (bg)	-0.9745	No	No	Mann-W
Sulfate (mg/L)	GWA-38 (bg)	-1.981	No	No	Mann-W
Sulfate (mg/L)	GWA-51RZ (bg)	1.53	No	No	Mann-W
Sulfate (mg/L)	GWA-52 (bg)	1.415	No	No	Mann-W
Sulfate (mg/L)	GWA-53 (bg)	-2.868	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-53R (bg)	-2.796	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-54 (bg)	-3.004	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-55 (bg)	1.642	No	No	Mann-W
Sulfate (mg/L)	GWA-55R (bg)	1.191	No	No	Mann-W
Sulfate (mg/L)	GWA-56 (bg)	-1.981	No	No	Mann-W
Sulfate (mg/L)	GWC-16R	-0.1698	No	No	Mann-W
Sulfate (mg/L)	GWC-17R	0.06068	No	No	Mann-W
Sulfate (mg/L)	GWC-18	-1.437	No	No	Mann-W
Sulfate (mg/L)	GWC-18R	-2.871	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-19R	0.8691	No	No	Mann-W
Sulfate (mg/L)	GWC-20R	-0.7438	No	No	Mann-W
Sulfate (mg/L)	GWC-21R	2.558	No	No	Mann-W
Sulfate (mg/L)	GWC-22R	-2.93	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-23R	2.271	No	No	Mann-W
Sulfate (mg/L)	GWC-24R	-1.305	No	No	Mann-W

Mann Whitney - Intrawell Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:15 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Sulfate (mg/L)	GWC-25R	0.292	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-36 (bg)	-1.756	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-36RA (bg)	0.5098	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-37 (bg)	-0.4658	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-38 (bg)	-1.448	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-51RZ (bg)	-0.1698	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-52 (bg)	0.4247	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-53 (bg)	-0.05672	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-53R (bg)	-0.7303	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-54 (bg)	-1.361	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-55 (bg)	1.529	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-55R (bg)	1.246	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-56 (bg)	-1.302	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-16R	0.9075	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-17R	-2.776	Yes	Yes	Mann-W
Total Dissolved Solids (mg/l)	GWC-18	-0.1699	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-18R	-0.7378	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-19R	-1.254	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-20R	-1.53	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-21R	-0.2832	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-22R	-0.1702	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-23R	1.971	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-24R	-1.417	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-25R	1.648	No	No	Mann-W

Trend Tests Appendix III Upgradient Wells - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:22 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-37 (bg)	-0.04041	-126	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.745	80	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.923	90	68	Yes	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-36RA (bg)	0	70	68	Yes	18	72.22	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-55 (bg)	0.004205	74	68	Yes	18	66.67	n/a	n/a	0.01	NP

Trend Tests Appendix III Upgradient Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:22 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	GWA-36 (bg)	0	-6	-63	No	17	76.47	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-36RA (bg)	0	-16	-68	No	18	38.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-37 (bg)	0	21	68	No	18	72.22	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-38 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-51RZ (bg)	-0.001083	-42	-68	No	18	22.22	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-52 (bg)	0	-3	-68	No	18	61.11	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-53 (bg)	0	-12	-68	No	18	83.33	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-53R (bg)	0	9	68	No	18	94.44	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-54 (bg)	0	27	68	No	18	72.22	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-55 (bg)	0	-16	-68	No	18	61.11	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-55R (bg)	0	-1	-68	No	18	72.22	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-56 (bg)	-0.00212	-66	-68	No	18	16.67	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-36 (bg)	-1.299	-55	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-36RA (bg)	0.4142	22	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-37 (bg)	-0.04041	-126	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-38 (bg)	-0.08881	-24	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.745	80	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-52 (bg)	0.4199	44	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-53 (bg)	0.1636	24	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-53R (bg)	0.2882	43	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-54 (bg)	-0.2238	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.923	90	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55R (bg)	1.821	65	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-56 (bg)	0.4993	10	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-36 (bg)	0	31	63	No	17	88.24	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-36RA (bg)	0	70	68	Yes	18	72.22	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-37 (bg)	0	56	68	No	18	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-38 (bg)	0	44	68	No	18	83.33	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-51RZ (bg)	0.002393	28	68	No	18	38.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-52 (bg)	0	43	68	No	18	61.11	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-53 (bg)	0	61	68	No	18	72.22	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-53R (bg)	4.4e-10	48	68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-54 (bg)	0	29	68	No	18	50	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-55 (bg)	0.004205	74	68	Yes	18	66.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-55R (bg)	0	54	68	No	18	61.11	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-56 (bg)	-0.01888	-53	-68	No	18	5.556	n/a	n/a	0.01	NP

Intrawell Prediction Limits Appendix I - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Antimony (mg/L)	GWC-16R	0.02603	n/a	1/28/2022	0.027	Yes	26	0.07942	0.03348	38.46	Kaplan-Meier sqrt(x)	0.0002993	Param Intra 1 of 2	
Barium (mg/L)	GWA-51RZ	0.03198	n/a	1/26/2022	0.034	Yes	26	0.01562	0.006685	0	None	No	0.0002993	Param Intra 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-36	0.0032	n/a	n/a	1 future	n/a	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-36RA	0.003	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-37	0.004519	n/a	1/26/2022	0.003ND	No	26	0.00223	0.0009357	34.62	Kaplan-Meier	No	0.0002993	Param Intra 1 of 2
Antimony (mg/L)	GWA-38	0.003	n/a	1/25/2022	0.003ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-51RZ	0.0033	n/a	1/26/2022	0.003ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-52	0.003	n/a	1/25/2022	0.003ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-53	0.003	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-53R	0.0034	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	46.15	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-54	0.003	n/a	1/25/2022	0.003ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-55	0.003	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-55R	0.003	n/a	1/27/2022	0.003ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-56	0.003	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-16R	0.02603	n/a	1/28/2022	0.027	Yes	26	0.07942	0.03348	38.46	Kaplan-Meier	sqrt(x)	0.0002993	Param Intra 1 of 2
Antimony (mg/L)	GWC-17R	0.003	n/a	1/28/2022	0.003ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	1/28/2022	0.003ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18R	0.003	n/a	1/27/2022	0.003ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-20R	0.003	n/a	1/27/2022	0.003ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-21R	0.008799	n/a	1/28/2022	0.0061	No	26	0.06001	0.01382	38.46	Kaplan-Meier	sqrt(x)	0.0002993	Param Intra 1 of 2
Antimony (mg/L)	GWC-23R	0.003	n/a	1/28/2022	0.003ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.003ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-25R	0.003	n/a	1/27/2022	0.003ND	No	25	n/a	n/a	72	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.0019J	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-38	0.0062	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-51RZ	0.0074	n/a	1/26/2022	0.0047J	No	25	n/a	n/a	40	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.003J	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.0019J	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.0015J	No	26	n/a	n/a	65.38	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-16R	0.005	n/a	1/28/2022	0.005ND	No	25	n/a	n/a	56	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-17R	0.0053	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-19R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-20R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21R	0.0071	n/a	1/28/2022	0.0031J	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-22R	0.005	n/a	1/27/2022	0.0045J	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23R	0.006	n/a	1/28/2022	0.0026J	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.0021J	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-36	0.02047	n/a	n/a	1 future	n/a	21	0.01331	0.002813	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-36RA	0.03814	n/a	1/26/2022	0.035	No	26	0.0232	0.00611	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-37	0.01361	n/a	1/26/2022	0.0046J	No	26	0.007654	0.002436	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-38	0.0171	n/a	1/25/2022	0.012	No	25	0.1121	0.007602	0	None	sqrt(x)	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-51RZ	0.03198	n/a	1/26/2022	0.034	Yes	26	0.01562	0.006685	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-52	0.04546	n/a	1/25/2022	0.023	No	26	0.02661	0.007708	3.846	None	No	0.0002993	Param Intra 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Obsrv.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWA-53	0.02105	n/a	1/26/2022	0.013	No	21	0.1187	0.01038	4.762	None	sqrt(x)	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-53R	0.01644	n/a	1/26/2022	0.014	No	26	0.01446	0.000809	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-54	0.058	n/a	1/25/2022	0.031	No	26	n/a	n/a	3.846	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-55	0.03589	n/a	1/26/2022	0.026	No	26	0.02376	0.004961	3.846	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-55R	0.08351	n/a	1/27/2022	0.032	No	26	0.04659	0.01509	3.846	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-56	0.04433	n/a	1/26/2022	0.032	No	26	0.026	0.007497	3.846	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-16R	0.07407	n/a	1/28/2022	0.049	No	26	0.04775	0.01076	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-17R	0.02164	n/a	1/28/2022	0.018	No	25	0.01957	0.0008404	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04773	n/a	1/28/2022	0.044	No	25	0.02719	0.008349	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-18R	0.01679	n/a	1/27/2022	0.014	No	23	4.1e-8	1.5e-8	4.348	None	x^4	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-19R	0.01836	n/a	1/27/2022	0.016	No	25	0.01594	0.0009874	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-20R	0.03538	n/a	1/27/2022	0.028	No	26	0.02974	0.002305	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-21R	0.04026	n/a	1/28/2022	0.037	No	26	0.02498	0.006248	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-22R	0.06902	n/a	1/27/2022	0.06	No	26	0.03979	0.01195	3.846	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-23R	0.04074	n/a	1/28/2022	0.036	No	26	0.0263	0.005901	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-24R	0.03243	n/a	1/28/2022	0.025	No	25	0.02258	0.004006	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-25R	0.018	n/a	1/27/2022	0.017	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWA-36	0.003	n/a	n/a	1 future	n/a	26	n/a	n/a	26.92	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWA-36RA	0.002299	n/a	1/26/2022	0.0005ND	No	26	-8.678	1.064	42.31	Kaplan-Meier	ln(x)	0.0002993	Param Intra 1 of 2
Beryllium (mg/L)	GWA-37	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-38	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-51RZ	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-52	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-53	0.003	n/a	1/26/2022	0.00007J	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-53R	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-54	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-55	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-55R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-56	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18	0.0005	n/a	1/28/2022	0.0005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18R	0.003	n/a	1/27/2022	0.000055J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-20R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-36	0.00164	n/a	n/a	1 future	n/a	26	0.000916	0.0002961	11.54	None	No	0.0002993	Param Intra 1 of 2
Cadmium (mg/L)	GWA-36RA	0.0006434	n/a	1/26/2022	0.0005ND	No	26	-8.6	0.5115	30.77	Kaplan-Meier	ln(x)	0.0002993	Param Intra 1 of 2
Cadmium (mg/L)	GWA-37	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-38	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-51RZ	0.00055	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-52	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-53	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-53R	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-54	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-55	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-55R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-56	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	1/28/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21R	0.0005	n/a	1/28/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-22R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-25R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Chromium (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.005ND	No	25	n/a	n/a	84	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-38	0.01	n/a	1/25/2022	0.0014J	No	26	n/a	n/a	19.23	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-51RZ	0.02	n/a	1/26/2022	0.005ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.0012J	No	26	n/a	n/a	53.85	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-54	0.01	n/a	1/25/2022	0.0013J	No	26	n/a	n/a	34.62	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-16R	0.01	n/a	1/28/2022	0.0011J	No	26	n/a	n/a	57.69	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-17R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.01381	n/a	1/28/2022	0.0014J	No	24	-5.871	0.6401	12.5	None	ln(x)	0.0002993	Param Intra 1 of 2
Chromium (mg/L)	GWC-18R	0.008	n/a	1/27/2022	0.0015J	No	22	n/a	n/a	63.64	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-38	0.003071	n/a	1/25/2022	0.0011J	No	22	0.001593	0.0005858	0	None	No	0.0002993	Param Intra 1 of 2
Cobalt (mg/L)	GWA-51RZ	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-55	0.007162	n/a	1/26/2022	0.0035J	No	26	0.03851	0.01885	30.77	Kaplan-Meier	sqrt(x)	0.0002993	Param Intra 1 of 2
Cobalt (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-16R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	23.08	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21R	0.0183	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-22R	0.01	n/a	1/27/2022	0.0011J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-37	0.0272	n/a	1/26/2022	0.013	No	16	0.01153	0.005785	6.25	None	No	0.0002993	Param Intra 1 of 2
Copper (mg/L)	GWA-38	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-51RZ	0.0066	n/a	1/26/2022	0.005ND	No	20	n/a	n/a	65	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Copper (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-16R	0.025	n/a	1/28/2022	0.00088J	No	21	n/a	n/a	19.05	n/a	n/a	0.003999 NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-17R	0.0124	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21R	0.01	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23R	0.005	n/a	1/28/2022	0.00068J	No	21	n/a	n/a	66.67	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-36	0.0025	n/a	n/a	1 future	n/a	26	n/a	n/a	57.69	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-36RA	0.001	n/a	1/26/2022	0.001ND	No	25	n/a	n/a	68	n/a	n/a	0.002832 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-37	0.001	n/a	1/26/2022	0.001ND	No	25	n/a	n/a	88	n/a	n/a	0.002832 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-38	0.0047	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-51RZ	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-52	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-53	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-53R	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-54	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-55	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-55R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-56	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-16R	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-17R	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21R	0.0016	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23R	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-24R	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-25R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-36	0.00021	n/a	n/a	1 future	n/a	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-36RA	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-37	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-38	0.0002	n/a	1/25/2022	0.0002ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-51RZ	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-52	0.0002	n/a	1/25/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-53	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-53R	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-54	0.0002	n/a	1/25/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-55	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-55R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-56	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-16R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-17R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Mercury (mg/L)	GWC-18R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-21R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-22R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-23R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-24R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-25R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-36	0.0142	n/a	n/a	1 future	n/a	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-36RA	0.01	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-37	0.02695	n/a	1/26/2022	0.016	No	21	0.01321	0.005401	4.762	None	No	0.0002993	Param Intra 1 of 2
Nickel (mg/L)	GWA-38	0.01241	n/a	1/25/2022	0.00093J	No	21	-6.322	0.7598	23.81	Kaplan-Meier	ln(x)	0.0002993	Param Intra 1 of 2
Nickel (mg/L)	GWA-51RZ	0.005	n/a	1/26/2022	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-16R	0.0265	n/a	1/28/2022	0.0063	No	17	0.01164	0.005561	5.882	None	No	0.0002993	Param Intra 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21R	0.01	n/a	1/28/2022	0.0014J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-22R	0.005	n/a	1/27/2022	0.00076J	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-38	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-51RZ	0.01	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	38.46	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-55	0.01	n/a	1/26/2022	0.0025J	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.0016J	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-23R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-38	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-51RZ	0.005	n/a	1/26/2022	0.005ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Silver (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-16R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-17R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-36	0.001	n/a	n/a	1 future	n/a	26	n/a	n/a	92.31	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-36RA	0.001	n/a	1/26/2022	0.001ND	No	25	n/a	n/a	92	n/a	n/a	0.002832 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-37	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-38	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-51RZ	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-52	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-53	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-53R	0.001	n/a	1/26/2022	0.001ND	No	25	n/a	n/a	100	n/a	n/a	0.002832 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-54	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	57.69	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-55	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-55R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-56	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-16R	0.001104	n/a	1/28/2022	0.001ND	No	26	0.01531	0.007327	26.92	Kaplan-Meier	sqrt(x)	0.0002993 Param Intra 1 of 2
Thallium (mg/L)	GWC-18	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	50	n/a	n/a	0.002667 NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-20R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	57.69	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-21R	0.001	n/a	1/28/2022	0.00021J	No	26	n/a	n/a	46.15	n/a	n/a	0.002667 NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-22R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	46.15	n/a	n/a	0.002667 NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-23R	0.001	n/a	1/28/2022	0.001ND	No	24	n/a	n/a	33.33	n/a	n/a	0.003124 NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-36	0.01	n/a	n/a	1 future	n/a	21	n/a	n/a	100	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-36RA	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-37	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-38	0.01	n/a	1/25/2022	0.01ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-51RZ	0.016	n/a	1/26/2022	0.01ND	No	19	n/a	n/a	57.89	n/a	n/a	0.004832 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-52	0.01	n/a	1/25/2022	0.01ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-53	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-53R	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-54	0.01	n/a	1/25/2022	0.01ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-55	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-55R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-56	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-16R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-17R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-19R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-20R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-22R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-24R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-36	0.6847	n/a	n/a	1 future	n/a	16	0.3681	0.1169	0	None	No	0.0002993 Param Intra 1 of 2
Zinc (mg/L)	GWA-36RA	0.2188	n/a	1/26/2022	0.02ND	No	20	0.2304	0.09255	5	None	sqrt(x)	0.0002993 Param Intra 1 of 2
Zinc (mg/L)	GWA-37	0.01868	n/a	1/26/2022	0.02ND	No	21	0.08422	0.02062	4.762	None	sqrt(x)	0.0002993 Param Intra 1 of 2
Zinc (mg/L)	GWA-38	0.02	n/a	1/25/2022	0.02ND	No	20	n/a	n/a	35	n/a	n/a	0.004291 NP Intra (normality) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-51RZ	0.02272	n/a	1/26/2022	0.02ND	No	19	0.00000268	0.000003478	42.11	Kaplan-Meier	x^3	0.0002993	Param Intra 1 of 2
Zinc (mg/L)	GWA-52	0.02	n/a	1/25/2022	0.02ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-53	0.02	n/a	1/26/2022	0.02ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-53R	0.02	n/a	1/26/2022	0.02ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-54	0.02	n/a	1/25/2022	0.02ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-55	0.02	n/a	1/26/2022	0.02ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-55R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-56	0.02	n/a	1/26/2022	0.02ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-16R	0.1389	n/a	1/28/2022	0.026	No	21	0.2161	0.06154	4.762	None	sqrt(x)	0.0002993	Param Intra 1 of 2
Zinc (mg/L)	GWC-17R	0.0219	n/a	1/28/2022	0.02ND	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-18	0.0225	n/a	1/28/2022	0.02ND	No	21	n/a	n/a	28.57	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-18R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	42.86	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-20R	0.02	n/a	1/27/2022	0.02ND	No	20	n/a	n/a	40	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-21R	0.045	n/a	1/28/2022	0.02ND	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-23R	0.02	n/a	1/28/2022	0.0099J	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-24R	0.02	n/a	1/28/2022	0.02ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-25R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

Interwell Prediction Limits Appendix I Two-Step - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Antimony (mg/L)	GWC-16R	0.0052	n/a	1/28/2022	0.027	Yes	322	n/a	n/a	79.19	n/a	n/a	0.00004913 NP (NDs) 1 of 2

Trend Tests Appendix I - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GWA-37 (bg)	-0.0001706	-131	-124	Yes	27	37.04	n/a	n/a	0.01	NP
Antimony (mg/L)	GWC-16R	0.001212	132	124	Yes	27	37.04	n/a	n/a	0.01	NP

Trend Tests Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:17 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GWA-36 (bg)	0	-57	-118	No	26	80.77	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-36RA (bg)	0	-22	-124	No	27	96.3	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-37 (bg)	-0.0001706	-131	-124	Yes	27	37.04	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-38 (bg)	0	0	124	No	27	100	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-51RZ (bg)	0	-86	-118	No	26	61.54	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-52 (bg)	0	-24	-124	No	27	96.3	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-53 (bg)	0	-68	-124	No	27	70.37	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-53R (bg)	-0.0000619	-100	-124	No	27	48.15	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-54 (bg)	0	-56	-124	No	27	85.19	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-55 (bg)	0	-11	-124	No	27	92.59	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-55R (bg)	0	-10	-124	No	27	85.19	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-56 (bg)	0	-2	-124	No	27	96.3	n/a	n/a	0.01	NP
Antimony (mg/L)	GWC-16R	0.001212	132	124	Yes	27	37.04	n/a	n/a	0.01	NP

Intrawell Prediction Limit Appendix III - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 8/23/2022, 12:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
pH (pH units)	GWA-37	6.271	4.879	1/26/2022	4.69	Yes	17	5.575	0.291	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-56	8.355	7.568	1/26/2022	7.45	Yes	18	7.962	0.1666	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-17R	7.329	7.078	1/28/2022	7.34	Yes	17	7.204	0.05255	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-21R	7.289	6.809	1/28/2022	6.69	Yes	17	7.049	0.1002	0	None	No	0.000342	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21R	12.48	n/a	1/28/2022	13.7	Yes	16	4.995	3.09	6.25	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-25R	1.978	n/a	1/27/2022	2	Yes	17	1.616	0.1512	0	None	No	0.0006839	Param Intra 1 of 2

Intrawell Prediction Limit Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 8/23/2022, 12:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWA-36	2.654	n/a	n/a	1 future	n/a	17	2.143	0.2134	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-36RA	3.641	n/a	1/26/2022	2.4	No	17	2.93	0.2972	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-37	1.427	n/a	1/26/2022	0.88J	No	17	0.977	0.1882	5.882	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-38	3.398	n/a	1/25/2022	3.2	No	17	2.585	0.34	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-51RZ	4.007	n/a	1/26/2022	2.9	No	17	3.061	0.3958	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-52	4.999	n/a	1/25/2022	1.5	No	17	2.572	1.015	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-53	2.831	n/a	1/26/2022	2.2	No	17	2.42	0.1719	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-53R	3.3	n/a	1/26/2022	2.4	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-54	1.874	n/a	1/25/2022	0.81J	No	17	1.139	0.3075	5.882	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-55	6.9	n/a	1/26/2022	5.8	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-55R	5	n/a	1/27/2022	4.5	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-56	9.647	n/a	1/26/2022	5.2	No	17	5.893	1.569	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-16R	2.97	n/a	1/28/2022	1.6	No	17	1.716	0.5242	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-17R	8.196	n/a	1/28/2022	4.6	No	17	5.841	0.9845	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.662	n/a	1/28/2022	2.1	No	17	1.472	0.06659	0	None	sqrt(x)	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-18R	3.3	n/a	1/27/2022	2.3	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-19R	2.953	n/a	1/27/2022	2.5	No	17	2.441	0.214	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-20R	2.542	n/a	1/27/2022	1.9	No	17	1.768	0.3233	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-21R	5.542	n/a	1/28/2022	4.6	No	17	4.188	0.5658	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-22R	3.295	n/a	1/27/2022	2.5	No	17	2.728	0.2371	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-23R	2.864	n/a	1/28/2022	1.7	No	17	1.939	0.3865	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-24R	3.25	n/a	1/28/2022	2.2	No	17	5.819	1.983	5.882	None	x^2	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-25R	3.132	n/a	1/27/2022	2.4	No	17	2.594	0.225	0	None	No	0.0006839	Param Intra 1 of 2
pH (pH units)	GWA-36	7.344	6.398	n/a	1 future	n/a	17	6.871	0.1978	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-36RA	7.677	6.978	1/26/2022	7.01	No	17	7.328	0.1461	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-37	6.271	4.879	1/26/2022	4.69	Yes	17	5.575	0.291	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-38	6.077	4.803	1/25/2022	5.14	No	17	5.44	0.2662	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-51RZ	7.781	7.228	1/26/2022	7.78	No	18	7.504	0.117	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-52	7.753	7.256	1/25/2022	7.44	No	17	7.505	0.104	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-53	7.906	7.48	1/26/2022	7.72	No	17	7.693	0.08915	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-53R	7.939	7.562	1/26/2022	7.78	No	17	7.751	0.07894	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-54	7.879	7.298	1/25/2022	7.38	No	17	7.588	0.1215	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-55	7.793	6.737	1/26/2022	7.21	No	17	7.265	0.2207	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-55R	8.079	6.972	1/27/2022	7.27	No	17	7.525	0.2314	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-56	8.355	7.568	1/26/2022	7.45	Yes	18	7.962	0.1666	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-16R	7.503	6.84	1/28/2022	7.31	No	17	7.172	0.1385	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-17R	7.329	7.078	1/28/2022	7.34	Yes	17	7.204	0.05255	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-18	7.389	5.993	1/28/2022	6.6	No	17	2135	353.4	0	None	x^4	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-18R	8.014	7.486	1/27/2022	7.76	No	17	7.75	0.1103	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-19R	7.85	7.543	1/27/2022	7.74	No	17	7.696	0.06412	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-20R	7.917	7.363	1/27/2022	7.73	No	18	7.64	0.1171	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-21R	7.289	6.809	1/28/2022	6.69	Yes	17	7.049	0.1002	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-22R	8.049	6.933	1/27/2022	7.28	No	18	7.491	0.2361	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-23R	7.755	6.954	1/28/2022	7.38	No	18	7.354	0.1695	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-24R	7.983	6.832	1/28/2022	7.68	No	17	7.408	0.2406	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-25R	7.983	7.191	1/27/2022	7.46	No	17	7.587	0.1654	0	None	No	0.000342	Param Intra 1 of 2
Sulfate (mg/L)	GWA-36	2.59	n/a	n/a	1 future	n/a	17	1.159	0.5981	5.882	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-36RA	11.17	n/a	1/26/2022	7.5	No	17	1.839	0.6284	0	None	sqrt(x)	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-37	1.121	n/a	1/26/2022	0.5ND	No	17	0.6744	0.1865	29.41	Kaplan-Meier	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-38	2.638	n/a	1/25/2022	0.58J	No	17	1.136	0.6276	0	None	No	0.0006839	Param Intra 1 of 2

Intrawell Prediction Limit Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 8/23/2022, 12:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-51RZ	32.72	n/a	1/26/2022	22.2	No	17	21.28	4.78	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-52	33.01	n/a	1/25/2022	8.6	No	17	1.995	0.6278	0	None	ln(x)	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-53	2.376	n/a	1/26/2022	1.4	No	17	1.796	0.2423	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-53R	2.425	n/a	1/26/2022	1.6	No	17	1.841	0.244	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-54	8.498	n/a	1/25/2022	1.4	No	17	26.11	19.28	0	None	x^2	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-55	47.75	n/a	1/26/2022	32.5	No	17	21.97	10.78	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-55R	29.48	n/a	1/27/2022	20.7	No	17	20.4	3.794	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-56	136.8	n/a	1/26/2022	47.1	No	17	79.21	24.09	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-16R	14.24	n/a	1/28/2022	11.9	No	17	7.264	2.917	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-17R	8.894	n/a	1/28/2022	7.6	No	16	6.593	0.9504	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18	2.57	n/a	1/28/2022	1.6	No	17	1.96	0.2549	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18R	2.835	n/a	1/27/2022	2.1	No	16	2.259	0.2378	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19R	4.3	n/a	1/27/2022	3.9	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-20R	1.892	n/a	1/27/2022	1.7	No	17	1.893	0.7053	0	None	x^2	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21R	12.48	n/a	1/28/2022	13.7	Yes	16	4.995	3.09	6.25	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22R	2.913	n/a	1/27/2022	1.3	No	16	1.998	0.3782	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23R	124	n/a	1/28/2022	98.4	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-24R	11.3	n/a	1/28/2022	2.3	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-25R	1.978	n/a	1/27/2022	2	Yes	17	1.616	0.1512	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-36	146.4	n/a	n/a	1 future	n/a	17	92.29	22.6	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-36RA	222.5	n/a	1/26/2022	184	No	17	153.6	28.78	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-37	34.32	n/a	1/26/2022	26	No	15	16.03	7.385	33.33	Kaplan-Meier	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-38	113.3	n/a	1/25/2022	27	No	17	3.177	0.6948	29.41	Kaplan-Meier	x^(1/3)	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-51RZ	317.2	n/a	1/26/2022	190	No	17	214.5	42.92	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-52	178.2	n/a	1/25/2022	136	No	16	142.8	14.61	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-53	168.4	n/a	1/26/2022	131	No	17	131.2	15.55	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-53R	186.5	n/a	1/26/2022	144	No	16	133	22.11	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-54	171.6	n/a	1/25/2022	113	No	17	122.1	20.73	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-55	273.9	n/a	1/26/2022	244	No	17	199.4	31.18	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-55R	243.2	n/a	1/27/2022	207	No	17	180.9	26.02	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-56	463.5	n/a	1/26/2022	278	No	17	320	59.99	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-16R	363.4	n/a	1/28/2022	317	No	17	295.8	28.25	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-17R	390.6	n/a	1/28/2022	302	No	17	318.3	30.22	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-18	149.8	n/a	1/28/2022	99	No	17	94.65	23.04	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-18R	183.1	n/a	1/27/2022	146	No	17	140.2	17.93	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-19R	216.8	n/a	1/27/2022	149	No	17	166.3	21.11	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-20R	234.5	n/a	1/27/2022	176	No	17	191.6	17.93	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-21R	383.4	n/a	1/28/2022	290	No	17	85308	25795	0	None	x^2	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-22R	195.3	n/a	1/27/2022	167	No	17	163.8	13.17	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-23R	457.4	n/a	1/28/2022	454	No	18	17.66	1.576	0	None	sqrt(x)	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-24R	209	n/a	1/28/2022	159	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWC-25R	196.3	n/a	1/27/2022	168	No	17	24995	5655	0	None	x^2	0.0006839	Param Intra 1 of 2

Interwell Prediction Limits Appendix III Two-Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 8/23/2022, 12:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
pH (pH units)	GWC-17R	8.34	4.69	1/28/2022	7.34	No	217	n/a	n/a	0	n/a	n/a	0.00009826 NP (normality) 1 of 2
pH (pH units)	GWC-21R	8.34	4.69	1/28/2022	6.69	No	217	n/a	n/a	0	n/a	n/a	0.00009826 NP (normality) 1 of 2
Sulfate (mg/L)	GWC-21R	132.5	n/a	1/28/2022	13.7	No	215	n/a	n/a	3.256	n/a	n/a	0.00004913 NP (normality) 1 of 2
Sulfate (mg/L)	GWC-25R	132.5	n/a	1/27/2022	2	No	215	n/a	n/a	3.256	n/a	n/a	0.00004913 NP (normality) 1 of 2

Appendix III Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:44 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-16R	53.2	1/28/2022	68.5	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-17R	53.2	1/28/2022	64.7	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21R	53.2	1/28/2022	60	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23R	53.2	1/28/2022	64.9	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:44 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-16R	0.04	1/28/2022	0.021J	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-17R	0.04	1/28/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.04	1/28/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21R	0.04	1/28/2022	0.011J	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-22R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23R	0.04	1/28/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-24R	0.04	1/28/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-25R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-16R	53.2	1/28/2022	68.5	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-17R	53.2	1/28/2022	64.7	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-18	53.2	1/28/2022	19.1	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-18R	53.2	1/27/2022	29.3	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19R	53.2	1/27/2022	33.2	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20R	53.2	1/27/2022	36.2	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21R	53.2	1/28/2022	60	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22R	53.2	1/27/2022	36.9	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23R	53.2	1/28/2022	64.9	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-24R	53.2	1/28/2022	34.4	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-25R	53.2	1/27/2022	34.4	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-16R	0.4	1/28/2022	0.17	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-17R	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-18R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-19R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-20R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-21R	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-22R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-23R	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-24R	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-25R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2

Trend Tests Appendix III - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-37 (bg)	-0.04041	-126	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.745	80	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.923	90	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-16R	2.762	87	68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-36 (bg)	-0.08433	-64	-63	Yes	17	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-37 (bg)	-0.1272	-101	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-36 (bg)	-0.3026	-93	-63	Yes	17	5.882	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-37 (bg)	-0.073	-74	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-51RZ (bg)	1.426	76	68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-53 (bg)	-0.1053	-83	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-53R (bg)	-0.08634	-73	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-54 (bg)	-1.128	-137	-68	Yes	18	0	n/a	n/a	0.01	NP

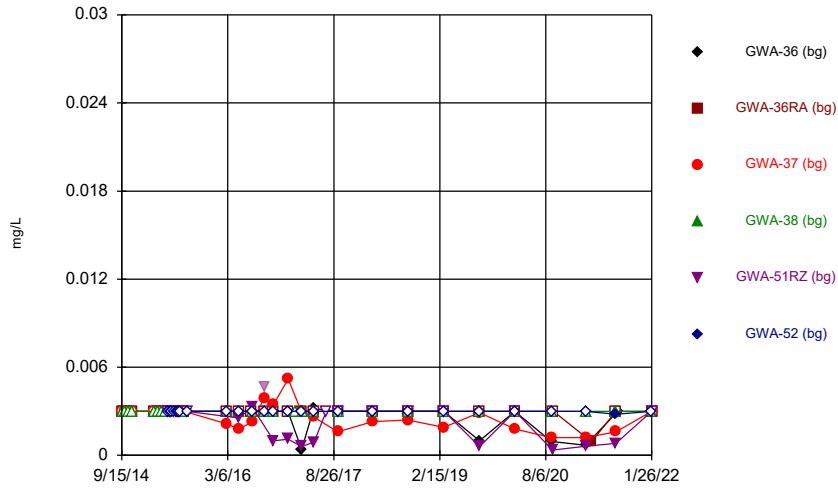
Trend Tests Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-36 (bg)	-1.299	-55	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-36RA (bg)	0.4142	22	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-37 (bg)	-0.04041	-126	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-38 (bg)	-0.08881	-24	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.745	80	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-52 (bg)	0.4199	44	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-53 (bg)	0.1636	24	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-53R (bg)	0.2882	43	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-54 (bg)	-0.2238	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.923	90	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55R (bg)	1.821	65	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-56 (bg)	0.4993	10	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-16R	2.762	87	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-17R	0.416	22	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-21R	1.289	48	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-23R	1.389	59	68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-36 (bg)	-0.08433	-64	-63	Yes	17	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-36RA (bg)	-0.05423	-61	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-37 (bg)	-0.1272	-101	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-38 (bg)	-0.05201	-37	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-51RZ (bg)	0.006714	10	74	No	19	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-52 (bg)	-0.02457	-51	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-53 (bg)	-0.02465	-61	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-53R (bg)	-0.02278	-56	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-54 (bg)	-0.03997	-57	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-55 (bg)	-0.05659	-57	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-55R (bg)	-0.07241	-60	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-56 (bg)	-0.02047	-21	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH units)	GWC-17R	0.01348	29	68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWC-21R	-0.02944	-42	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-36 (bg)	-0.3026	-93	-63	Yes	17	5.882	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-36RA (bg)	0.6438	41	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-37 (bg)	-0.073	-74	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-38 (bg)	-0.1956	-60	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-51RZ (bg)	1.426	76	68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-52 (bg)	0.9623	35	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-53 (bg)	-0.1053	-83	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-53R (bg)	-0.08634	-73	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-54 (bg)	-1.128	-137	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-55 (bg)	2.709	43	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-55R (bg)	0.671	50	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-56 (bg)	-5.422	-29	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-25R	0.03653	54	68	No	18	0	n/a	n/a	0.01	NP

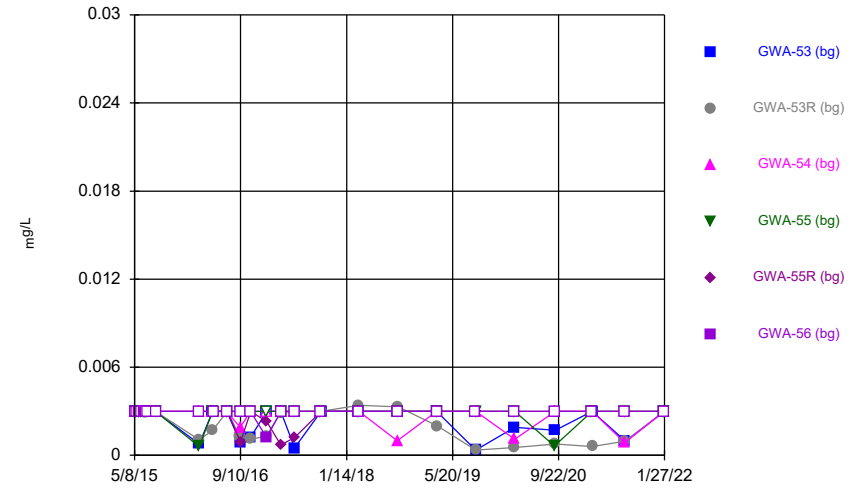
FIGURE A.

Time Series



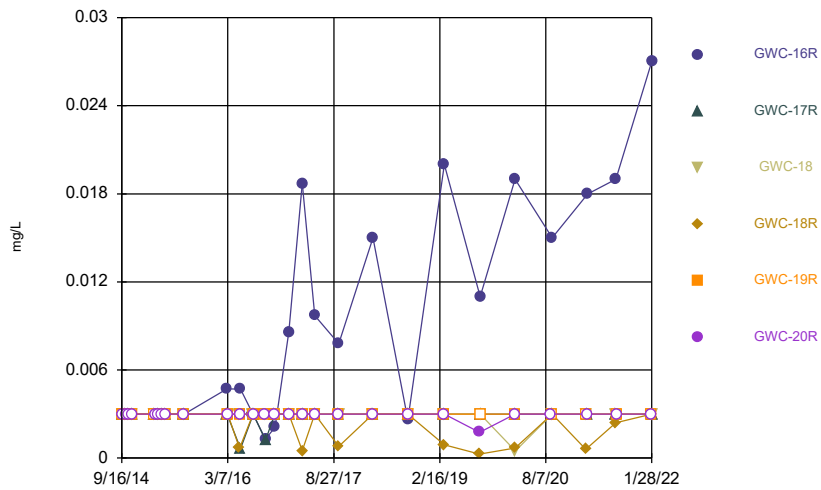
Constituent: Antimony Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



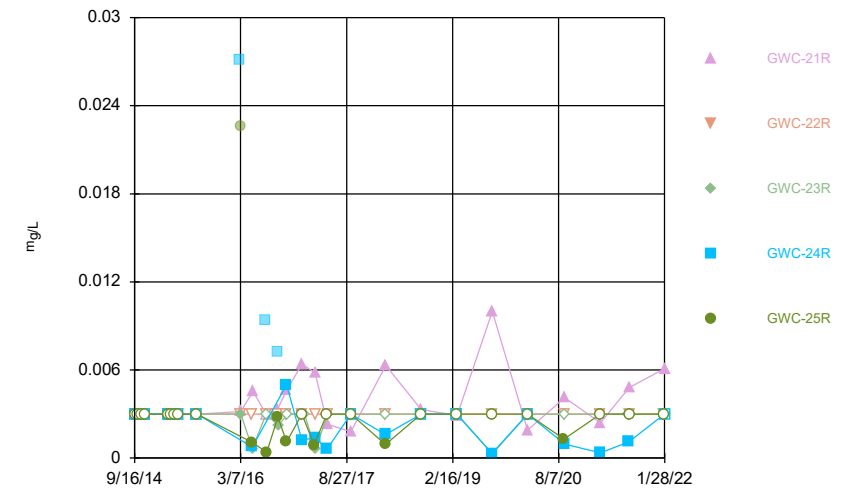
Constituent: Antimony Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



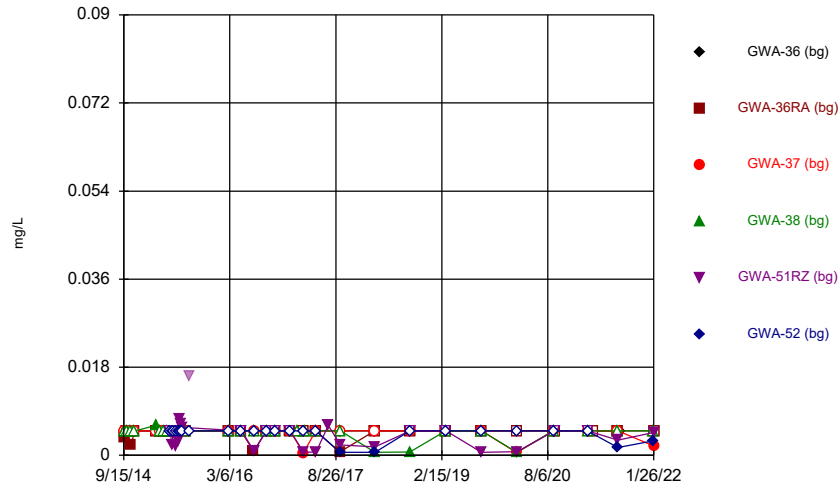
Constituent: Antimony Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



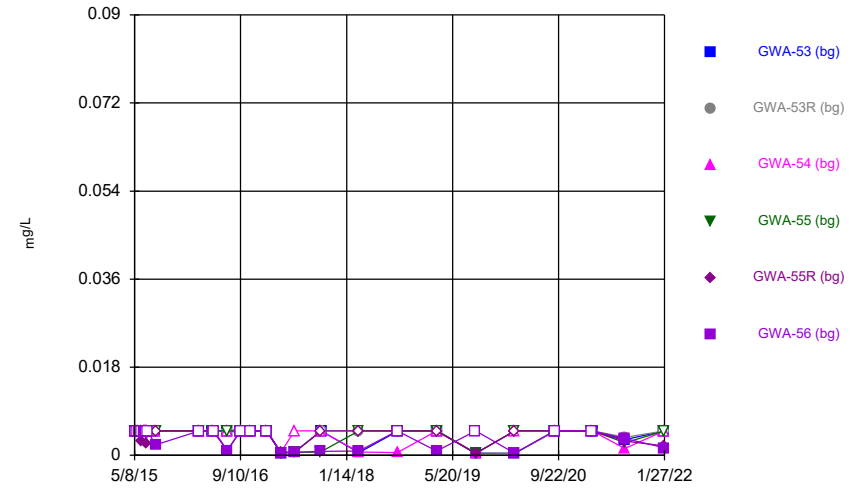
Constituent: Antimony Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



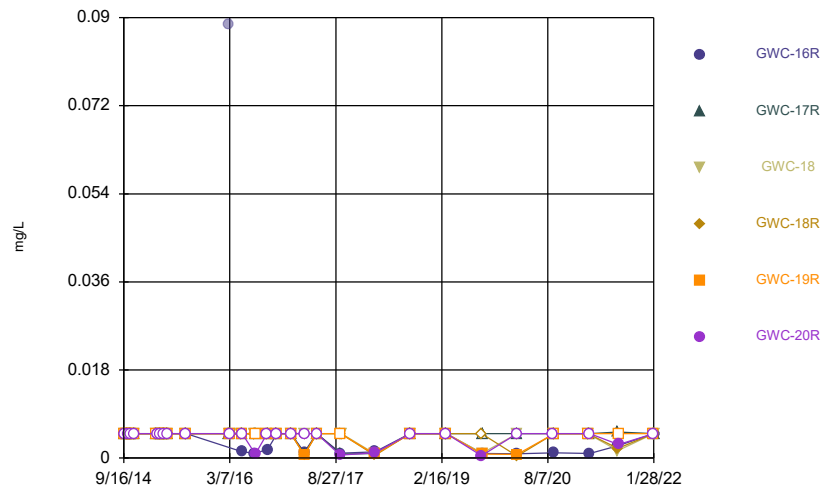
Constituent: Arsenic Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



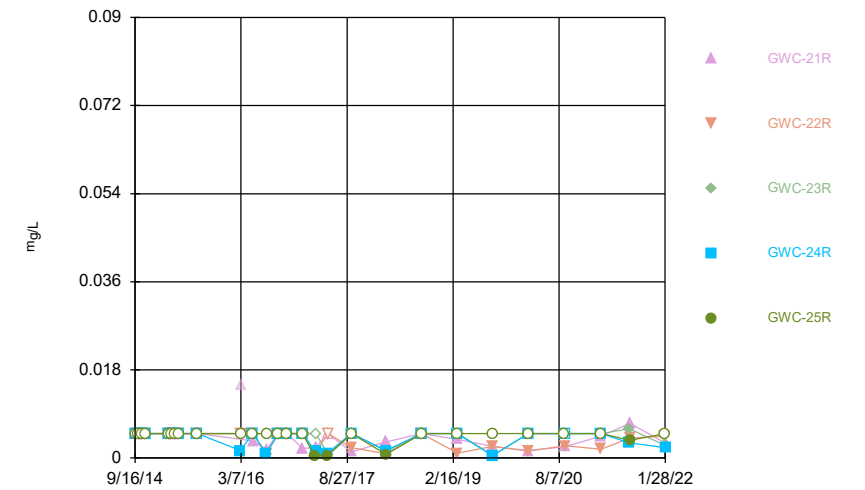
Constituent: Arsenic Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



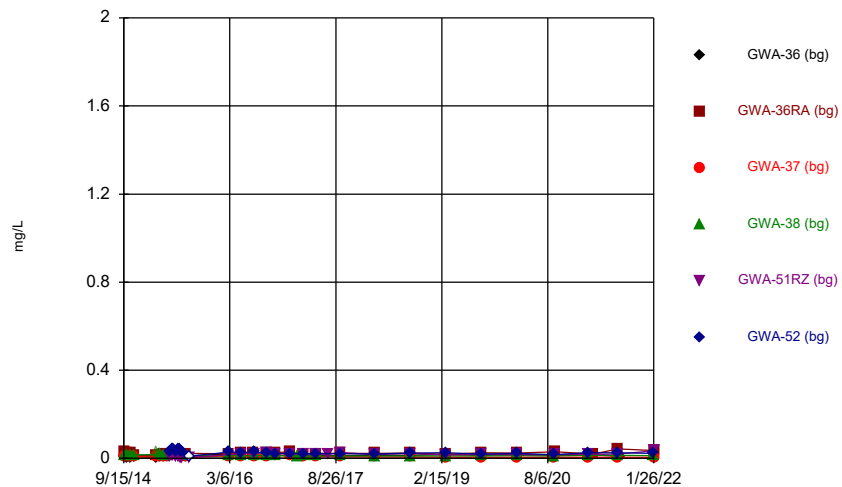
Constituent: Arsenic Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



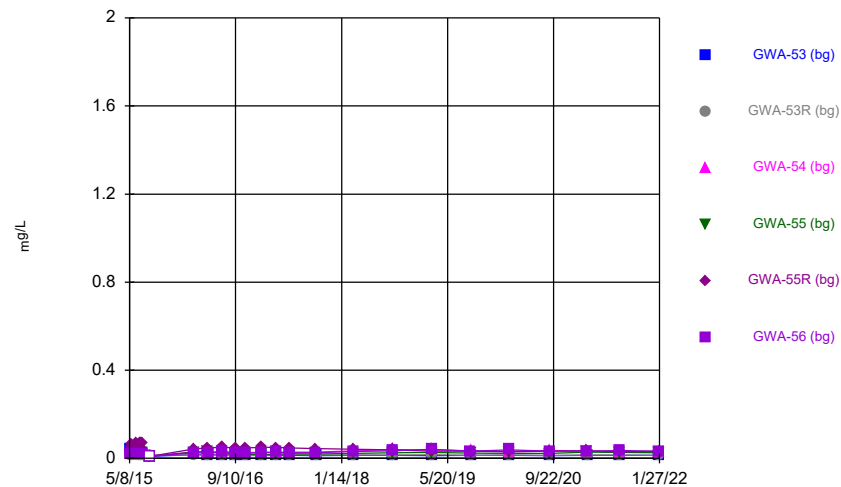
Constituent: Arsenic Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



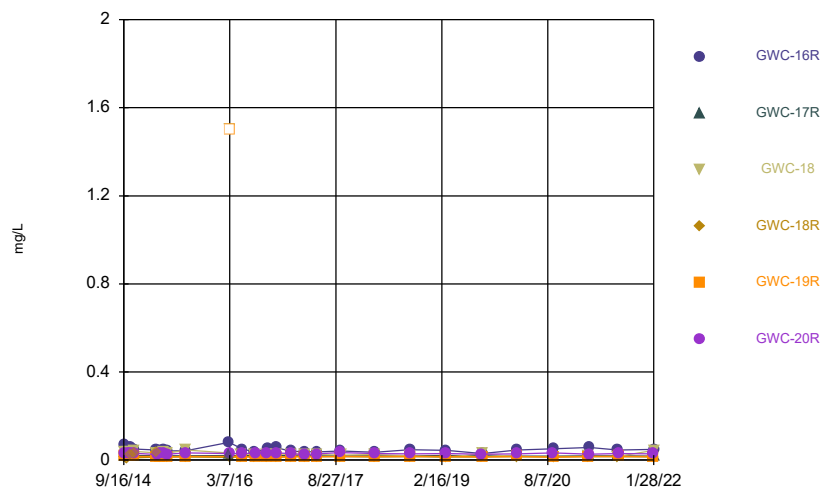
Constituent: Barium Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



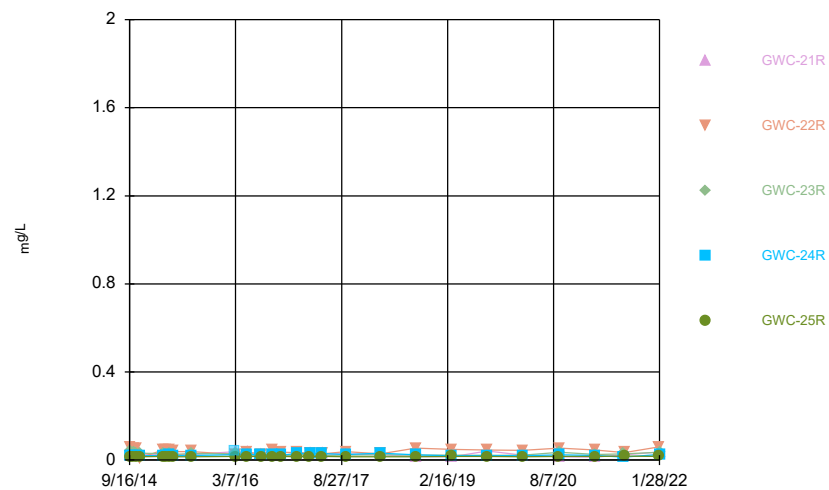
Constituent: Barium Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



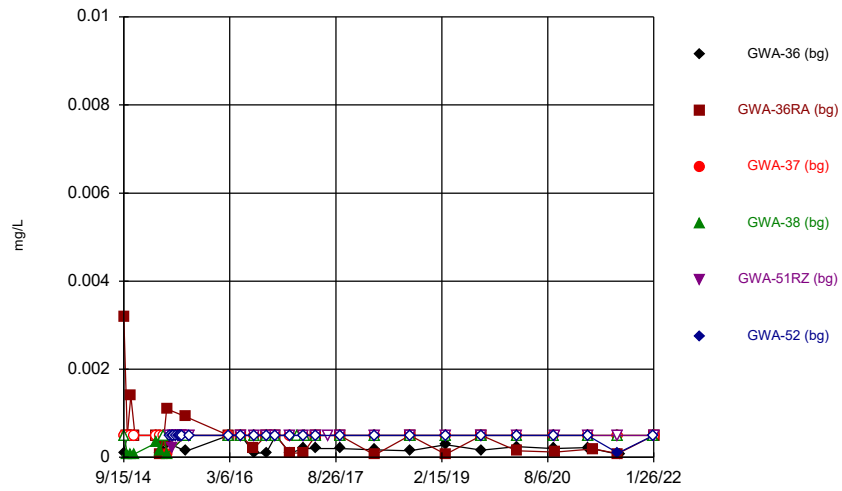
Constituent: Barium Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



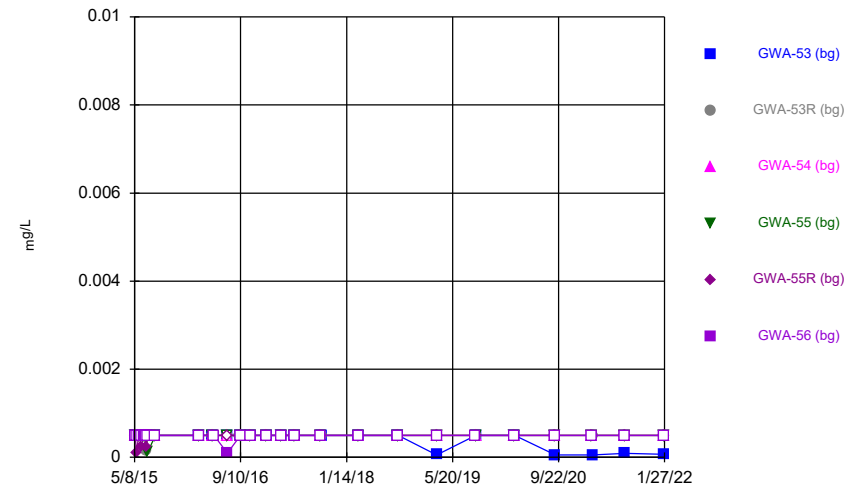
Constituent: Barium Analysis Run 4/11/2022 4:15 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



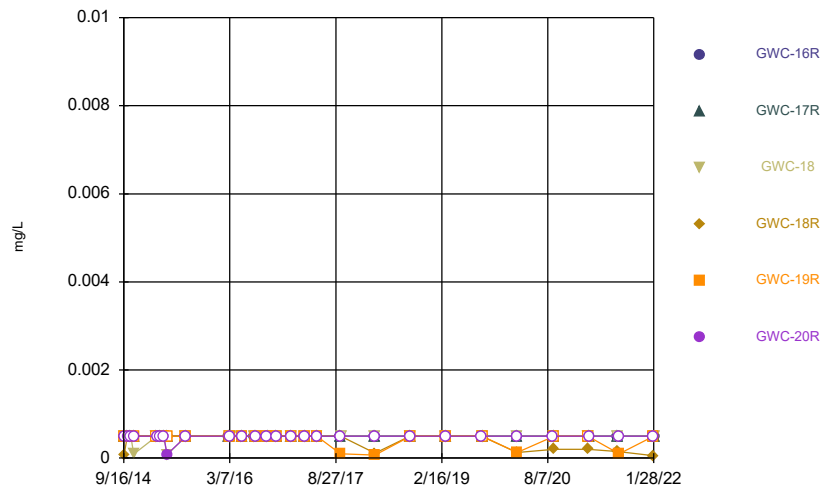
Constituent: Beryllium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



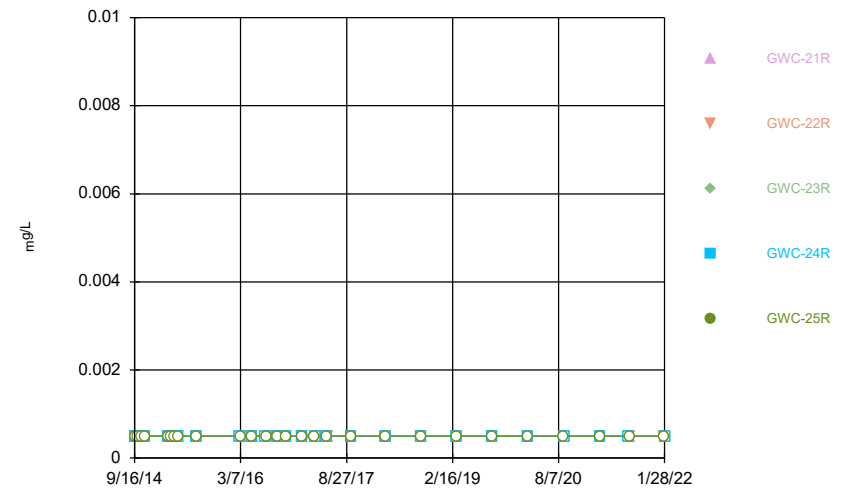
Constituent: Beryllium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



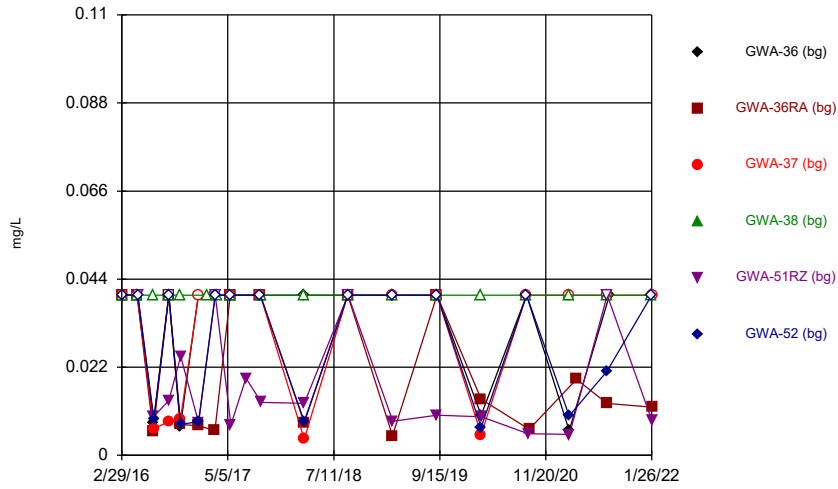
Constituent: Beryllium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



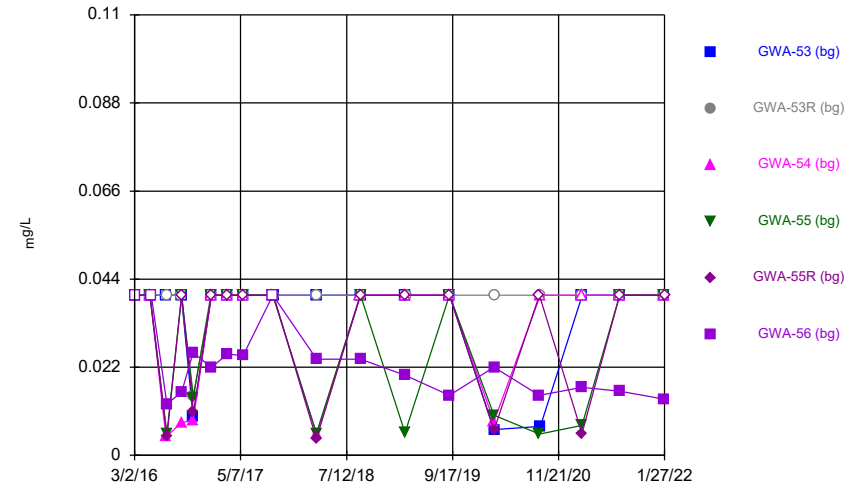
Constituent: Beryllium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



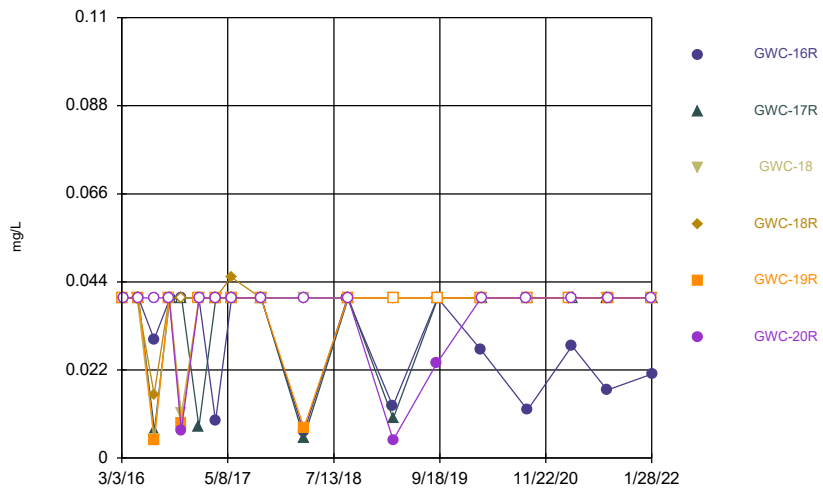
Constituent: Boron Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



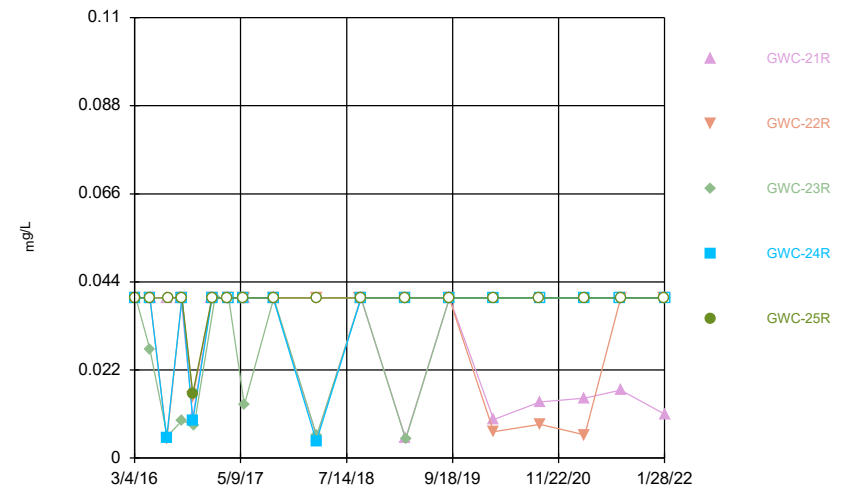
Constituent: Boron Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



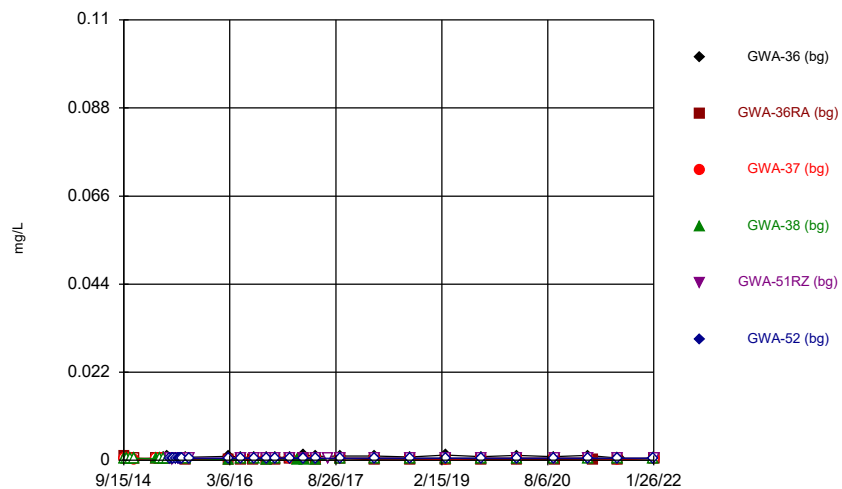
Constituent: Boron Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



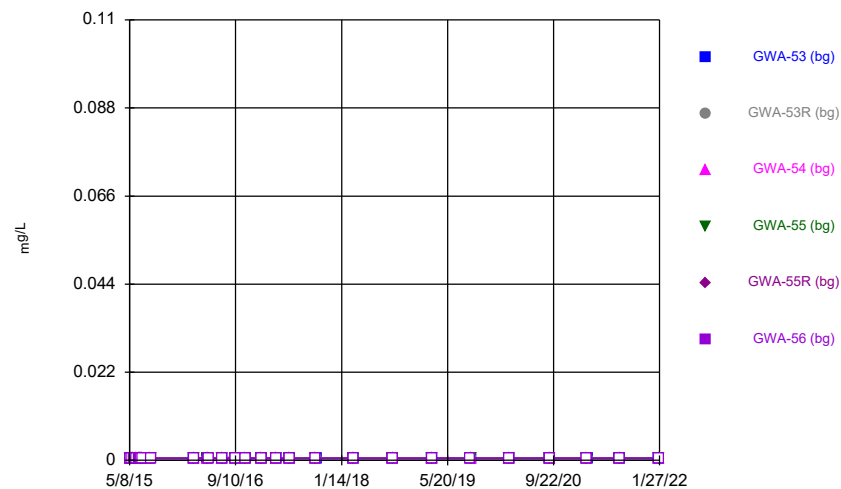
Constituent: Boron Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



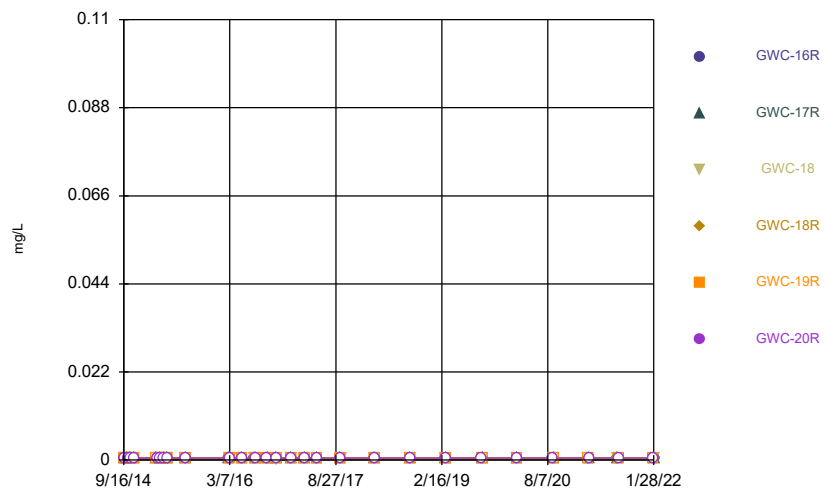
Constituent: Cadmium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



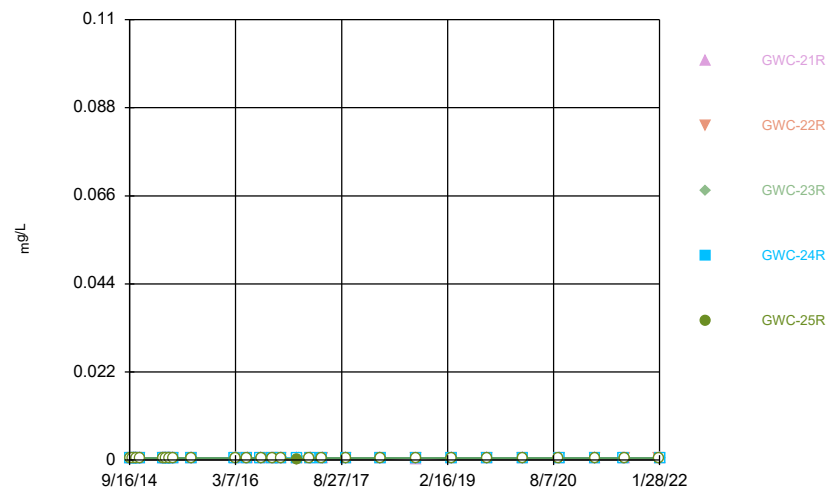
Constituent: Cadmium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



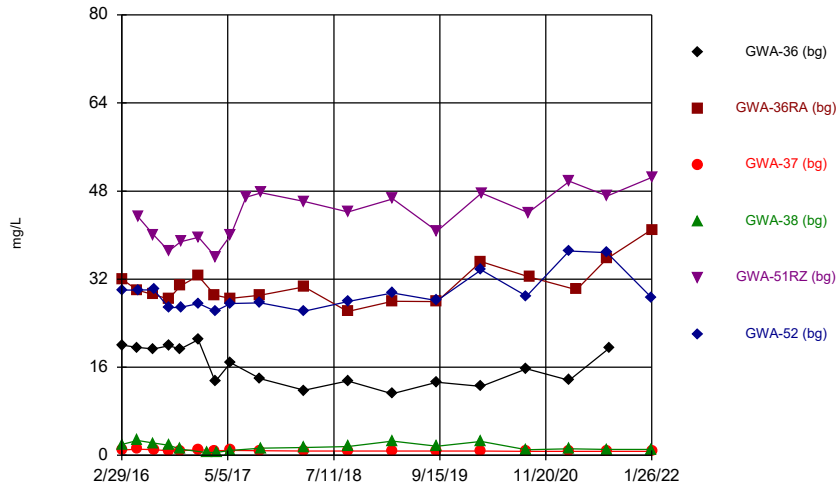
Constituent: Cadmium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



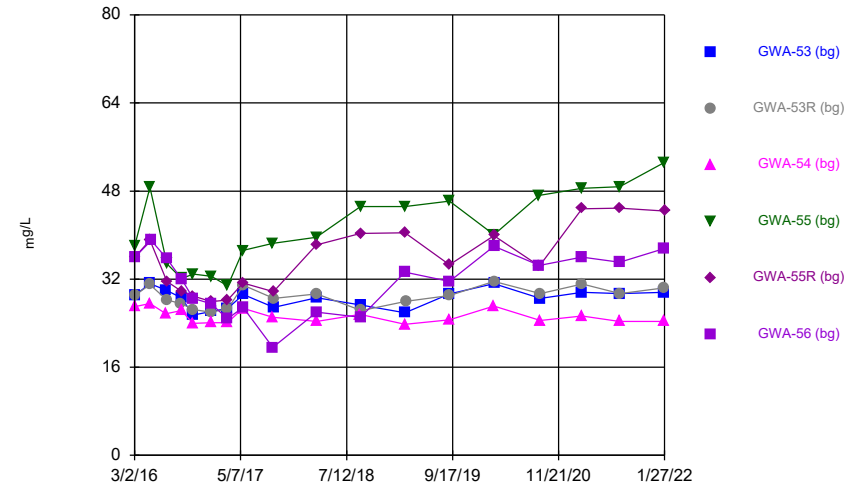
Constituent: Cadmium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



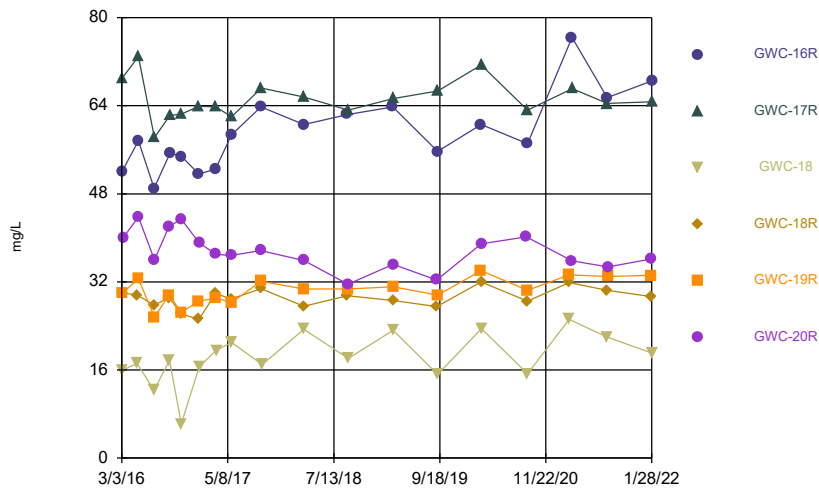
Constituent: Calcium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



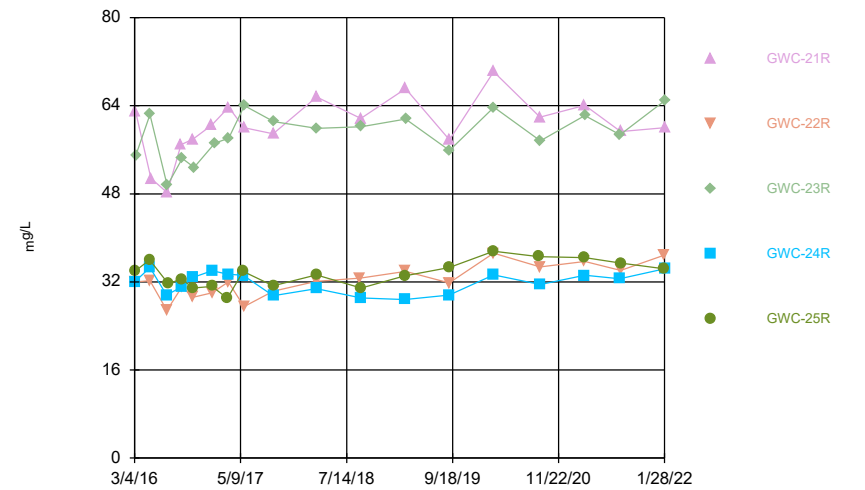
Constituent: Calcium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



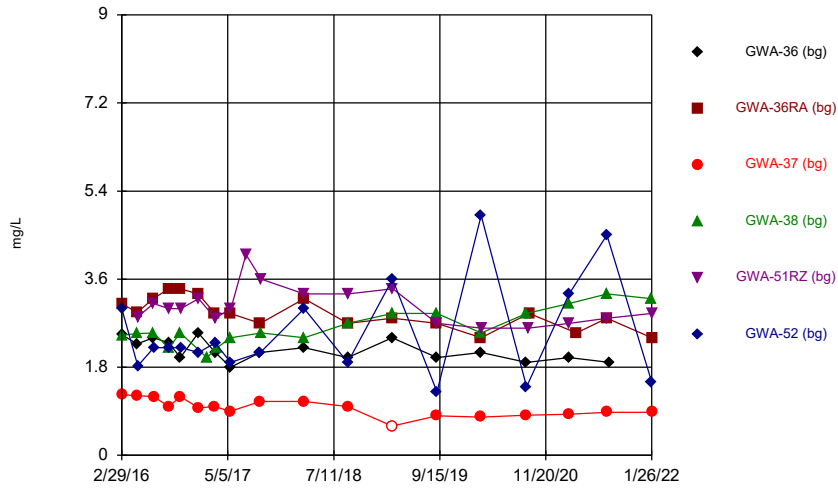
Constituent: Calcium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



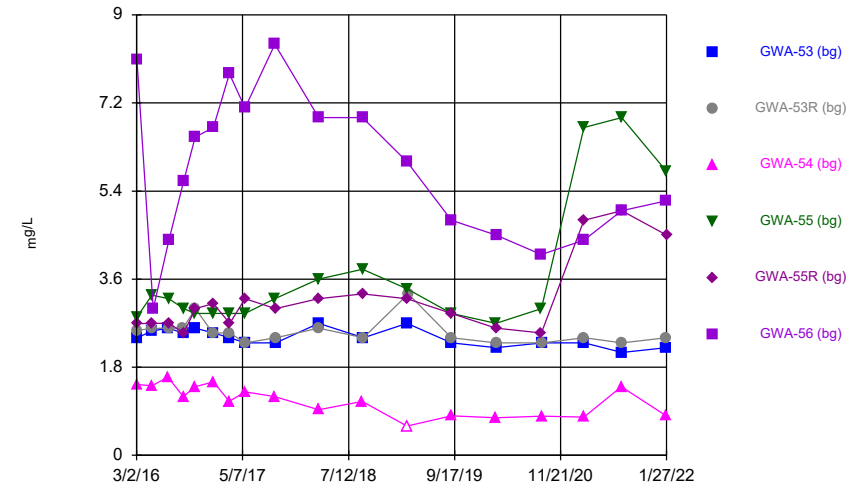
Constituent: Calcium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



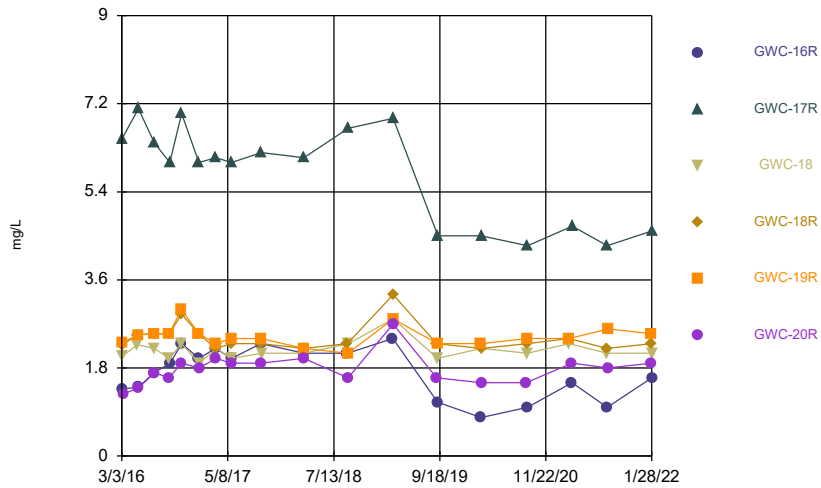
Constituent: Chloride Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



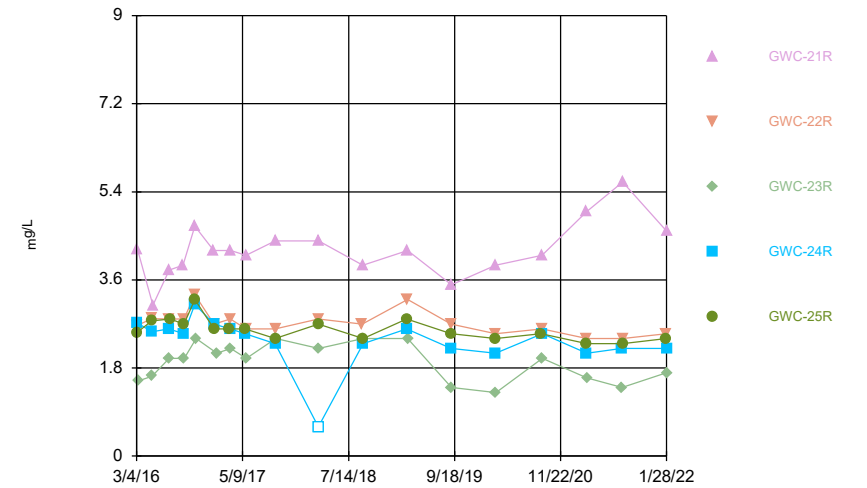
Constituent: Chloride Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



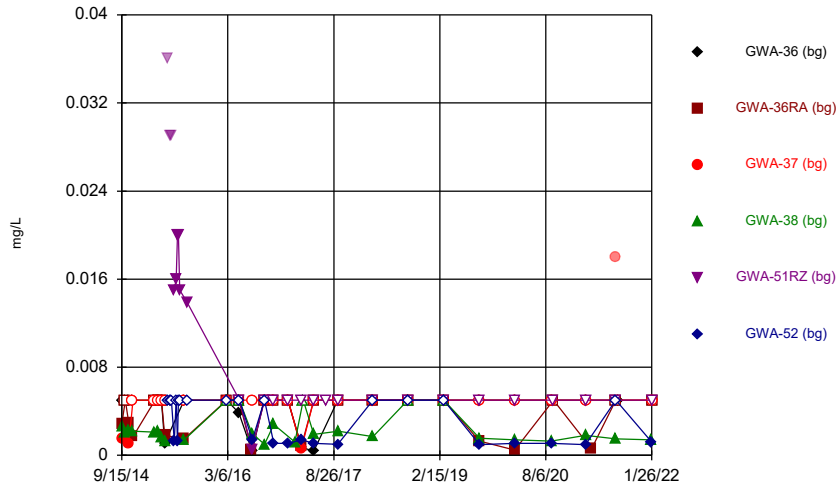
Constituent: Chloride Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



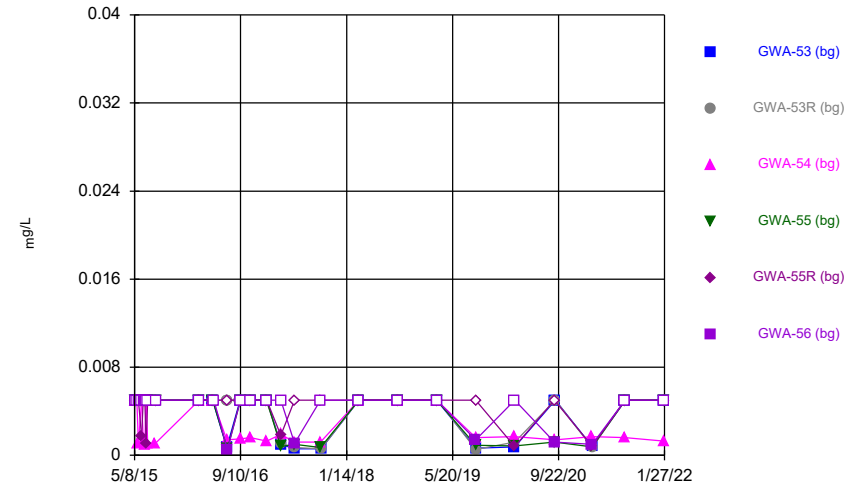
Constituent: Chloride Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



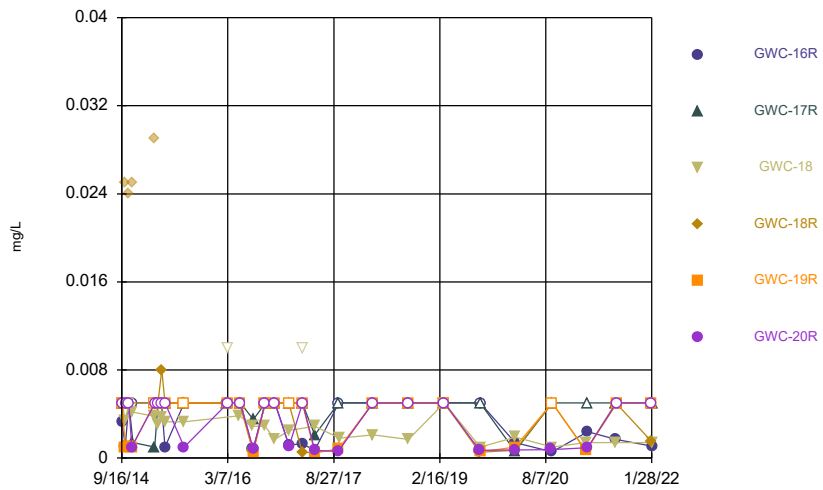
Constituent: Chromium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



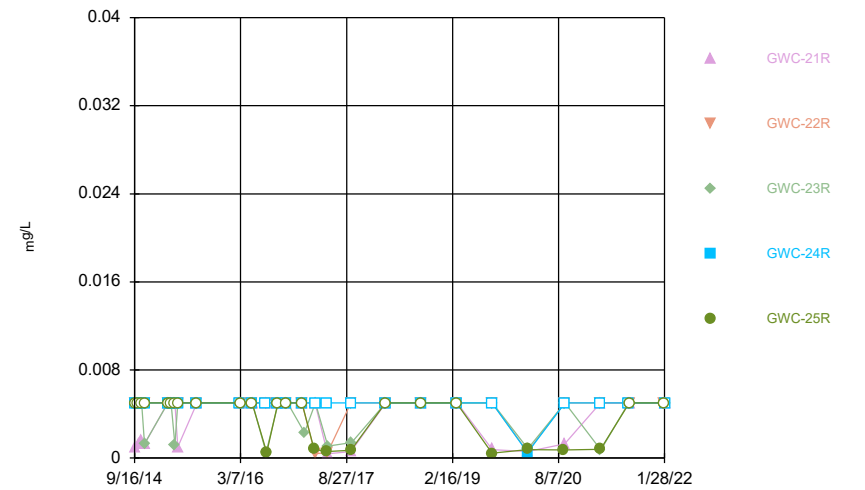
Constituent: Chromium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



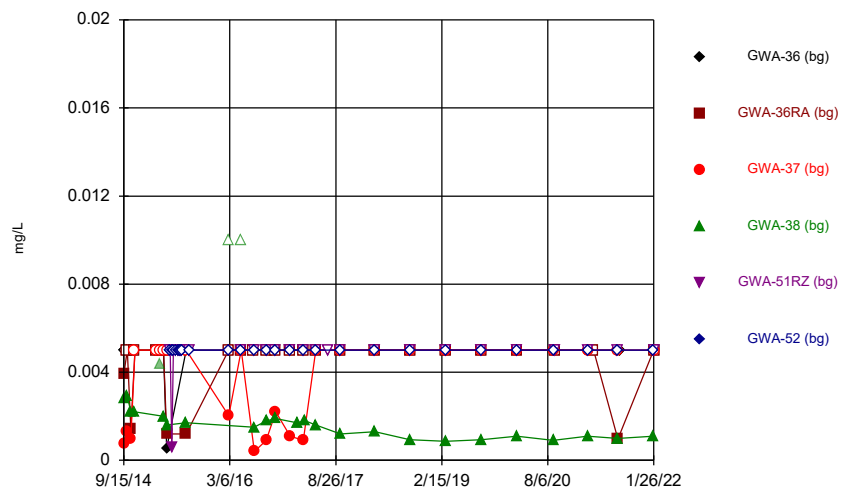
Constituent: Chromium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



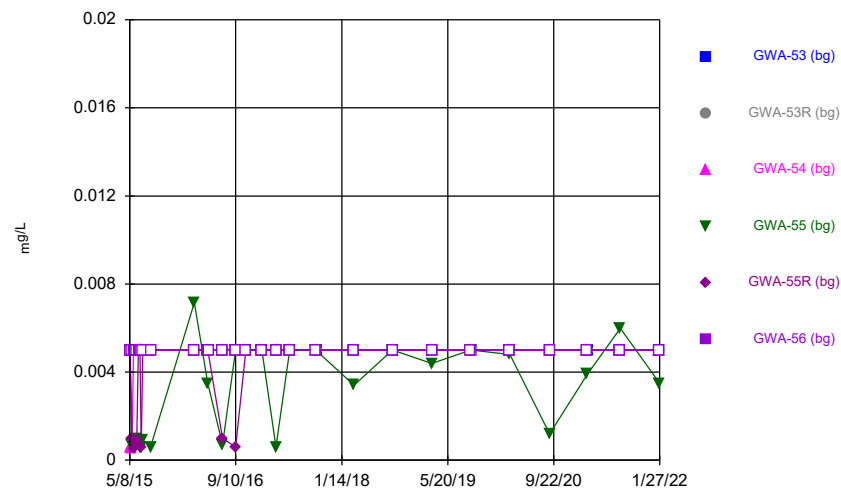
Constituent: Chromium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



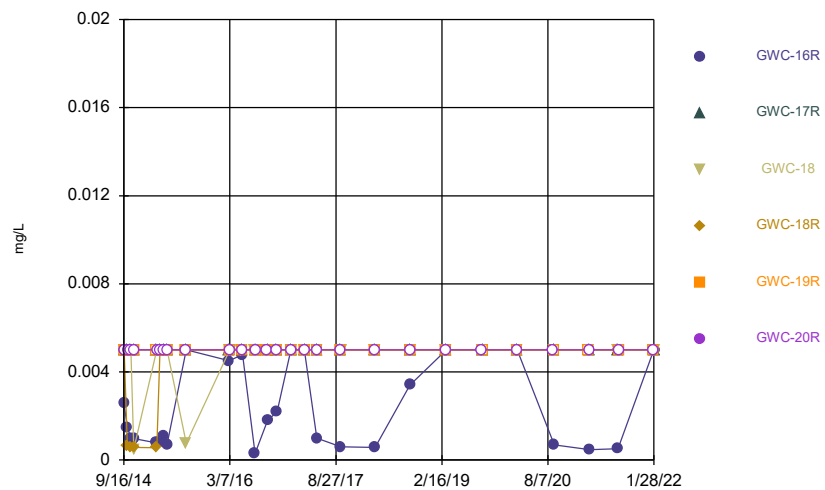
Constituent: Cobalt Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



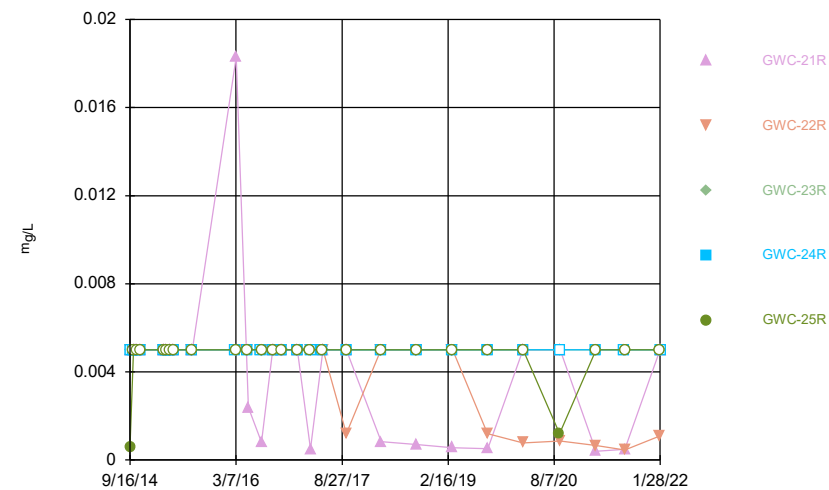
Constituent: Cobalt Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



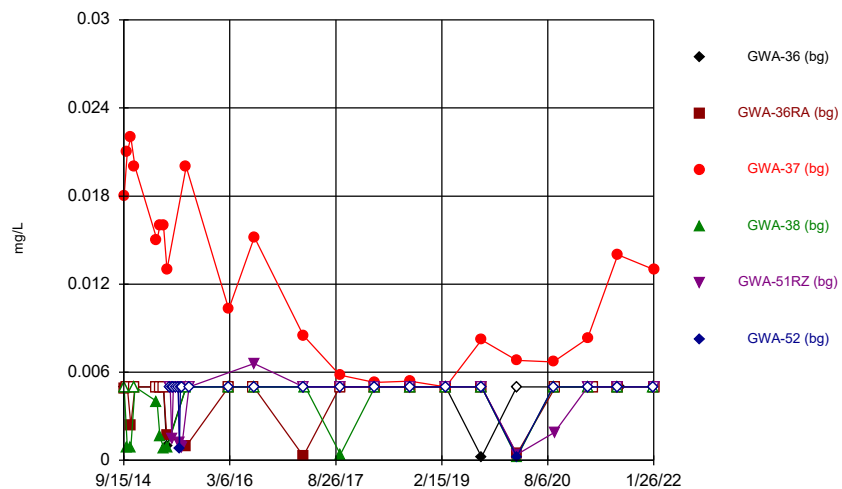
Constituent: Cobalt Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



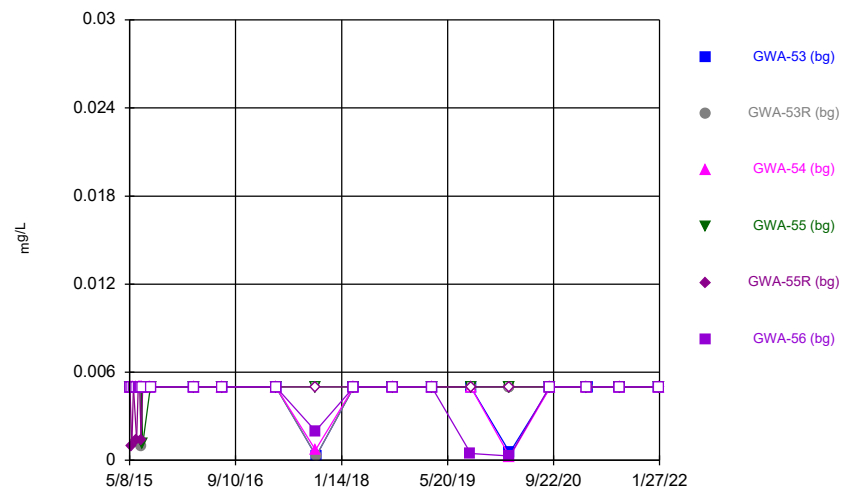
Constituent: Cobalt Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



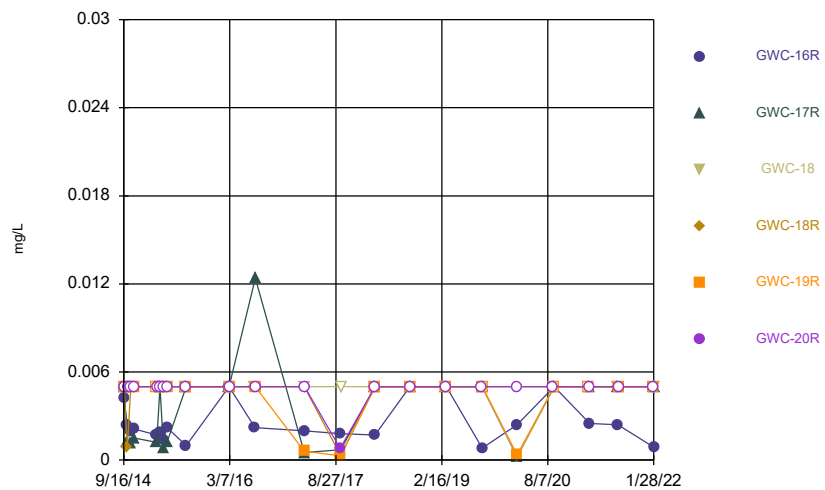
Constituent: Copper Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



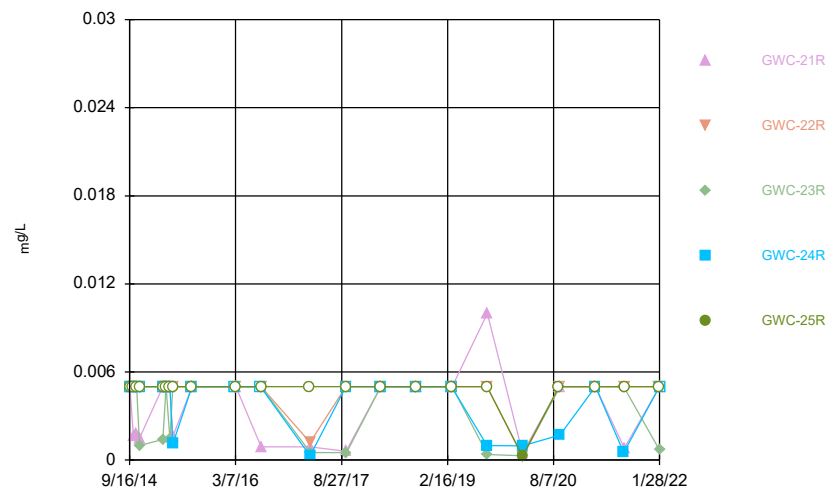
Constituent: Copper Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



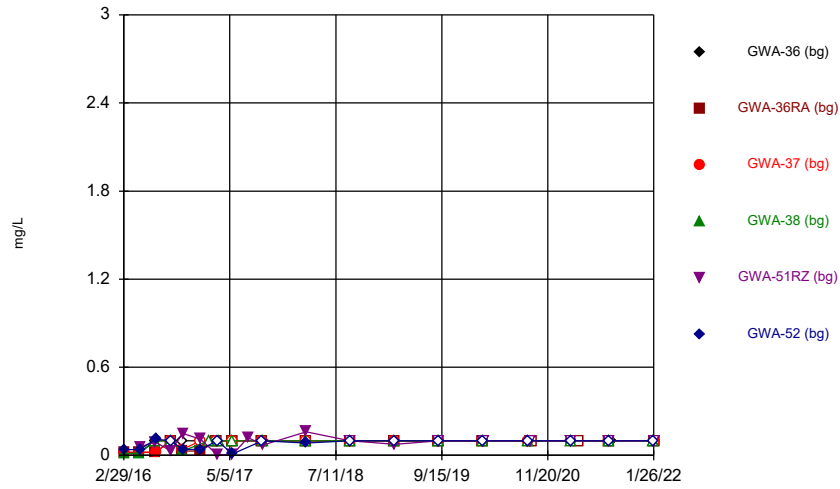
Constituent: Copper Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



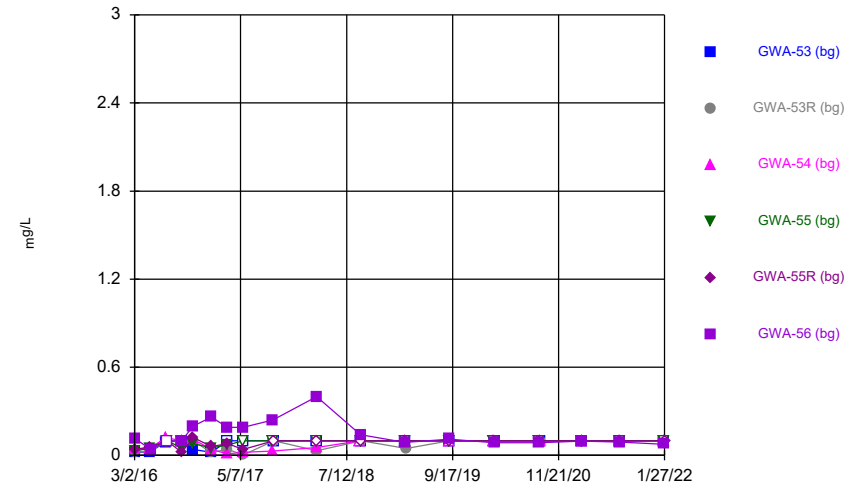
Constituent: Copper Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



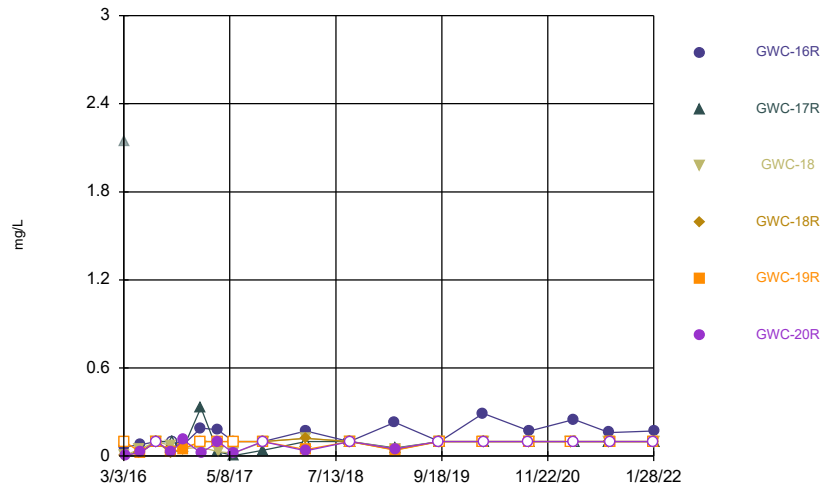
Constituent: Fluoride Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



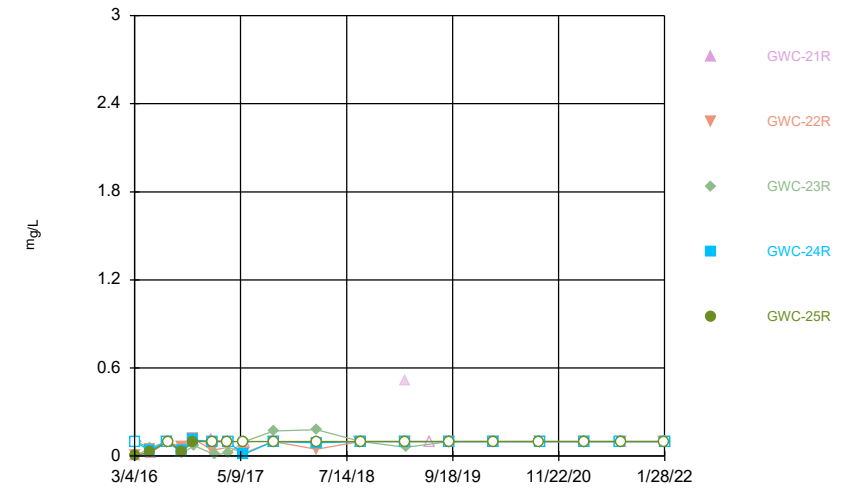
Constituent: Fluoride Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



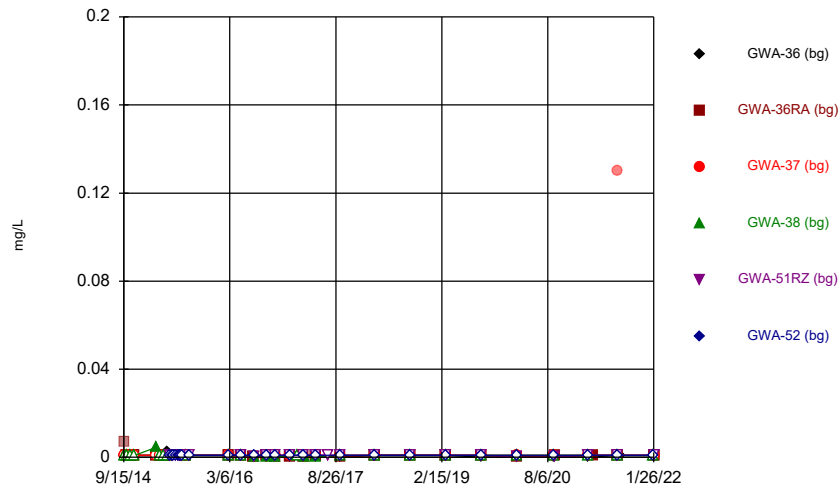
Constituent: Fluoride Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



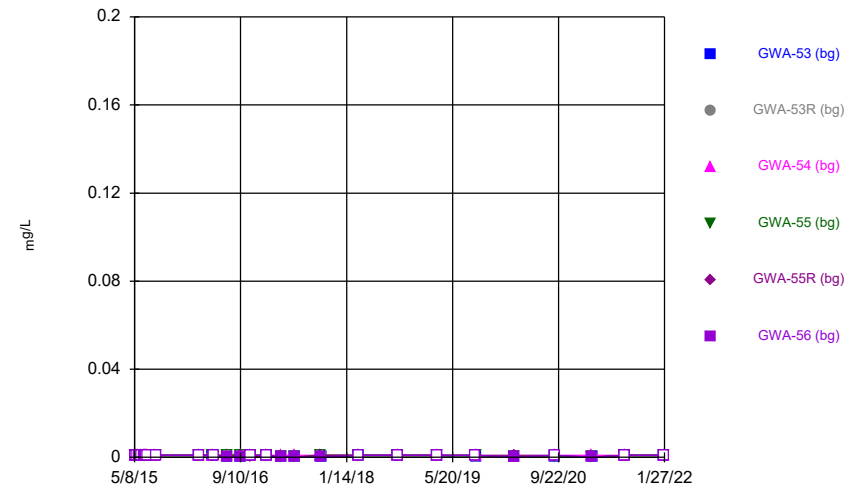
Constituent: Fluoride Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



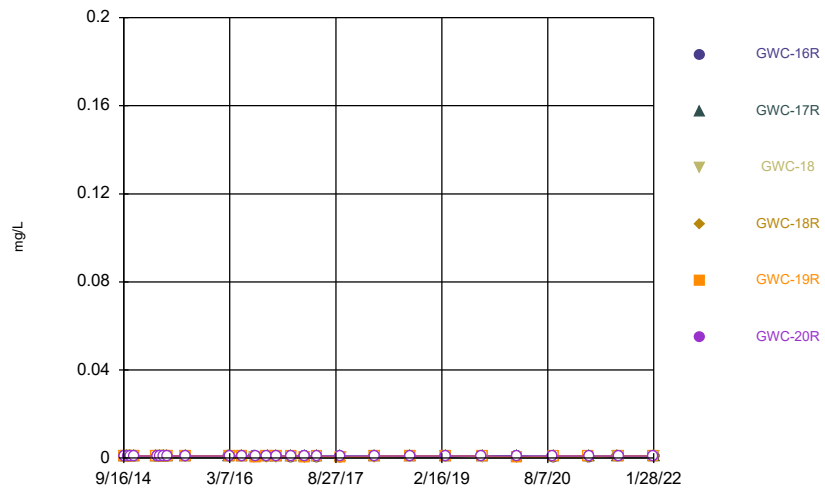
Constituent: Lead Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



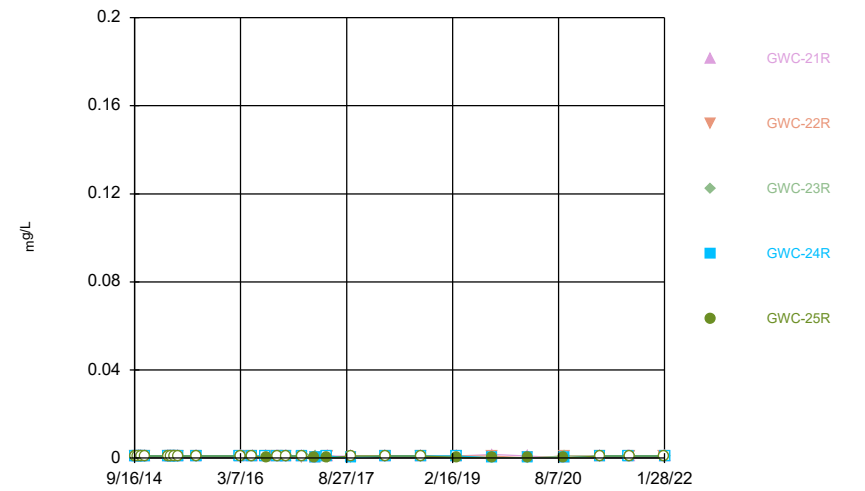
Constituent: Lead Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



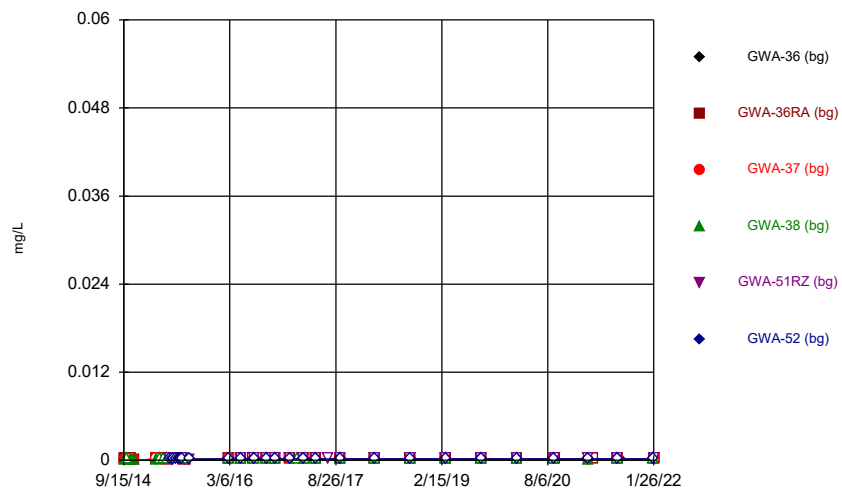
Constituent: Lead Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



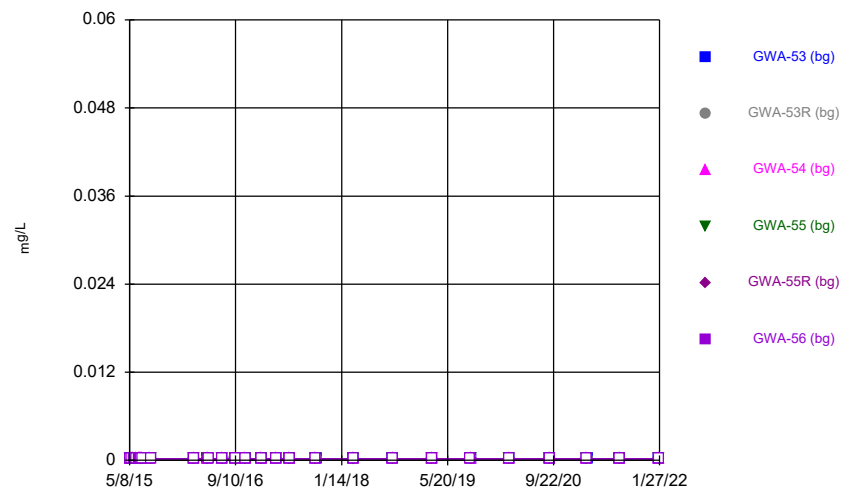
Constituent: Lead Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



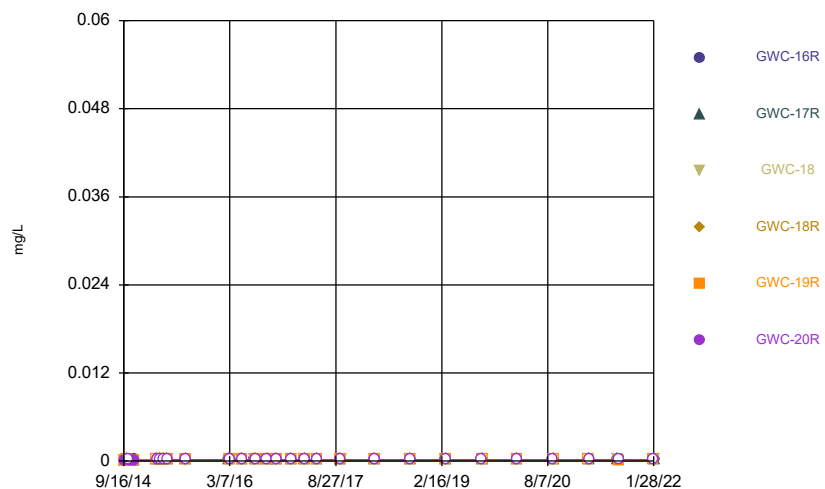
Constituent: Mercury Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



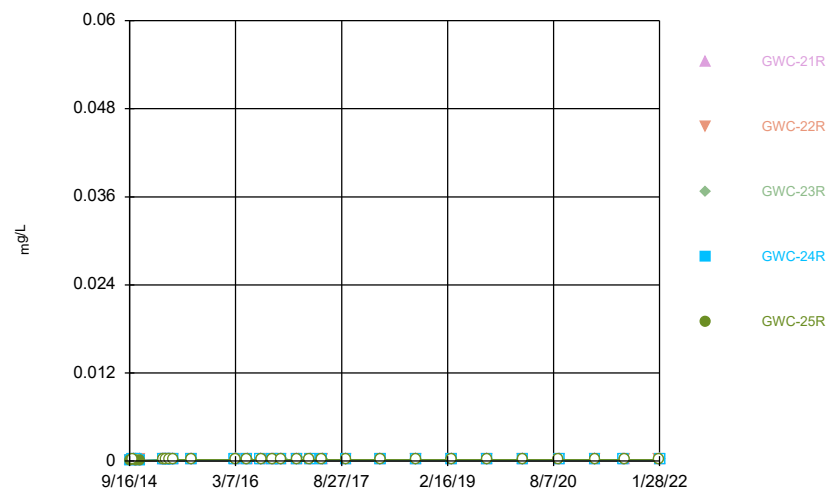
Constituent: Mercury Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



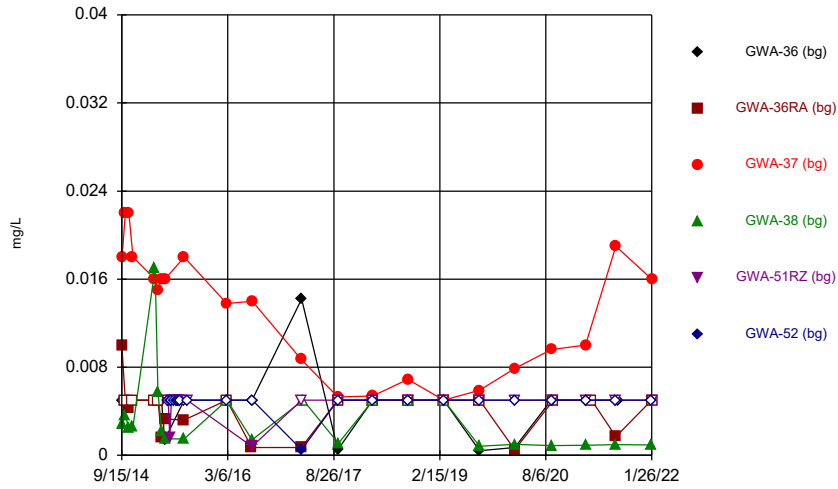
Constituent: Mercury Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



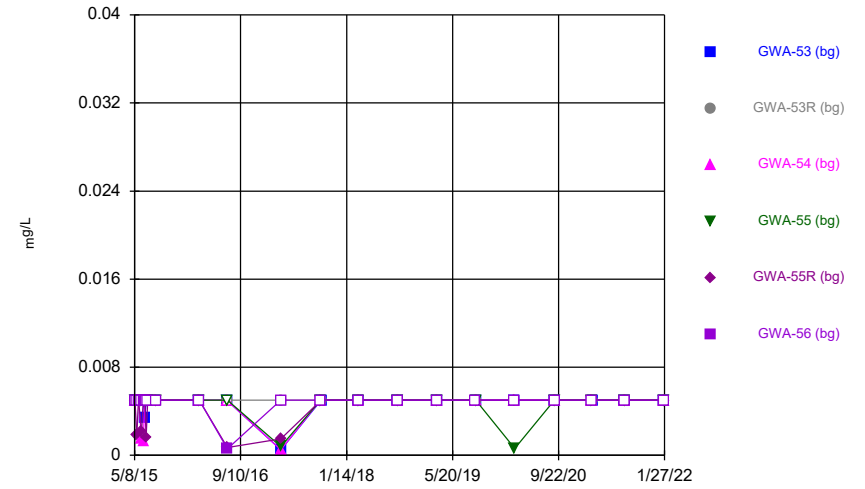
Constituent: Mercury Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



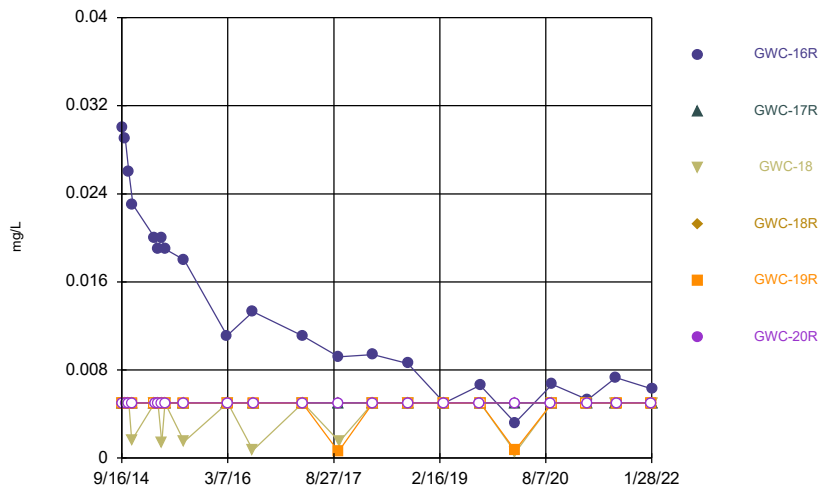
Constituent: Nickel Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



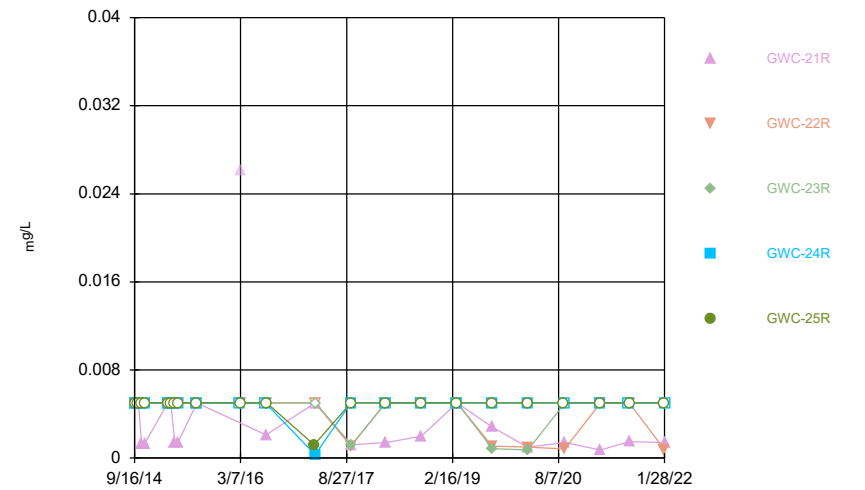
Constituent: Nickel Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



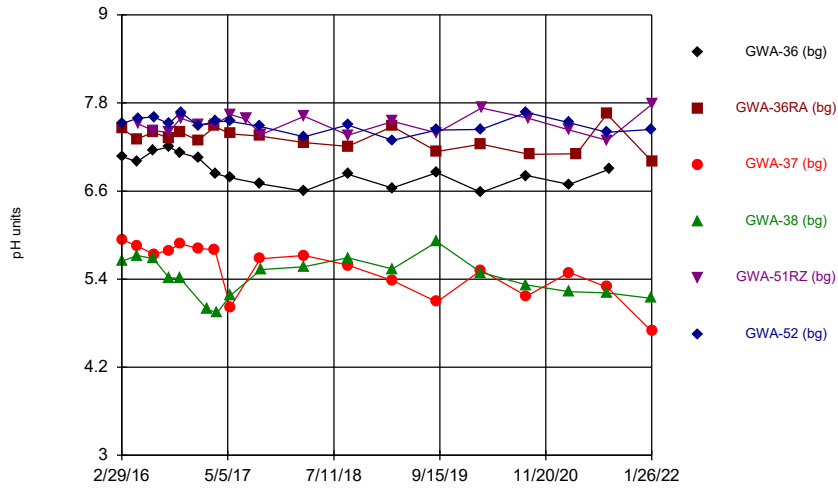
Constituent: Nickel Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



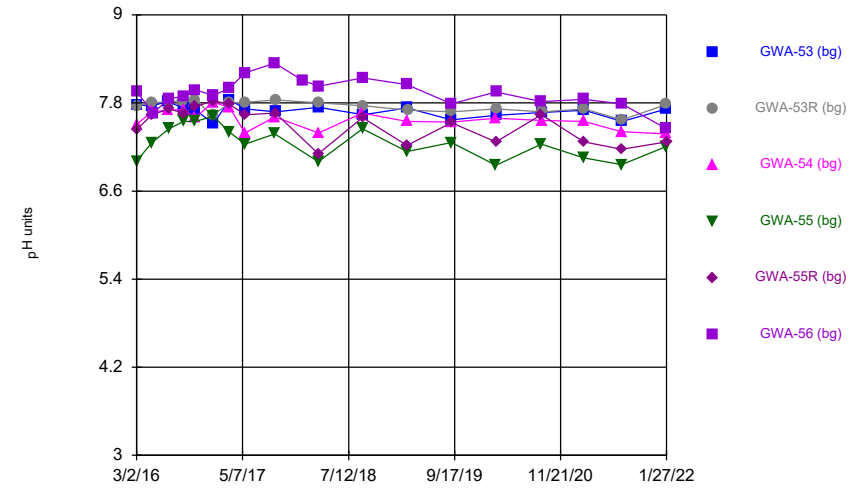
Constituent: Nickel Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



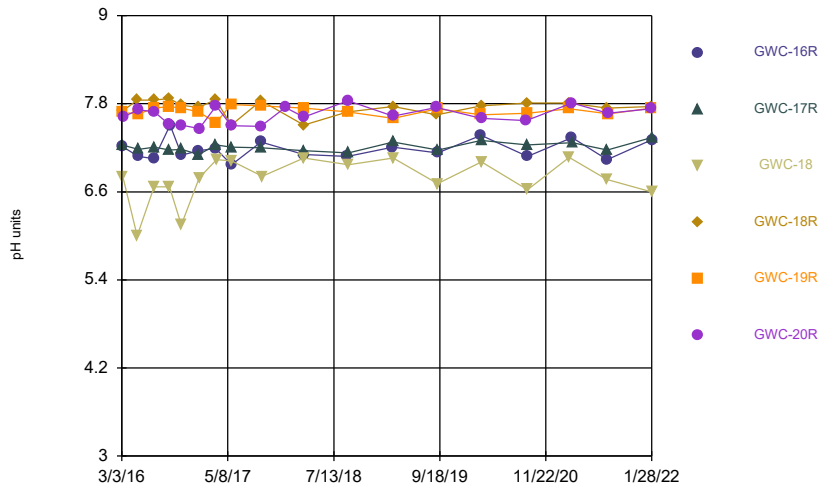
Constituent: pH Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



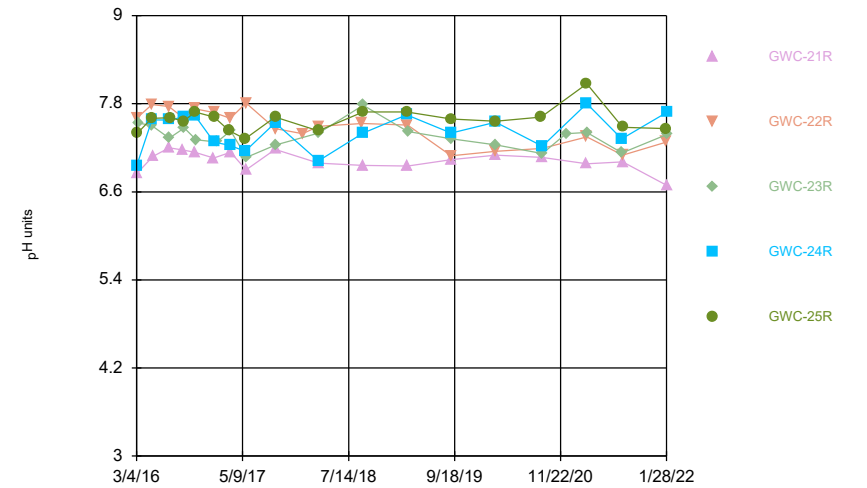
Constituent: pH Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



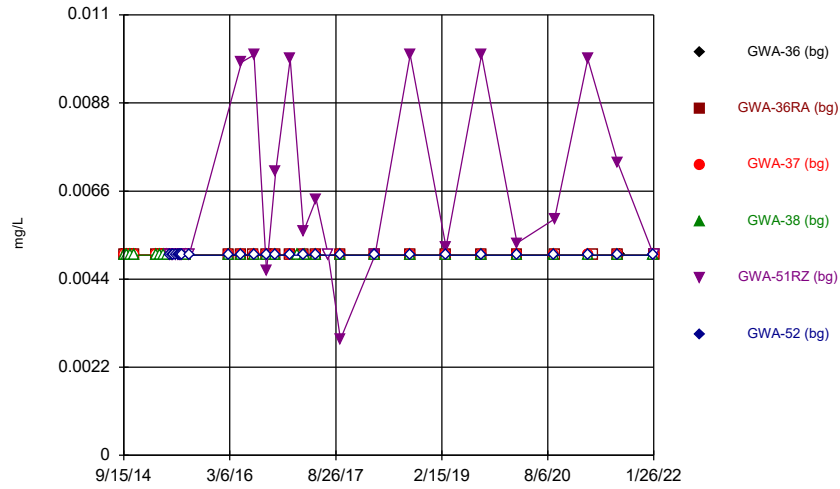
Constituent: pH Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



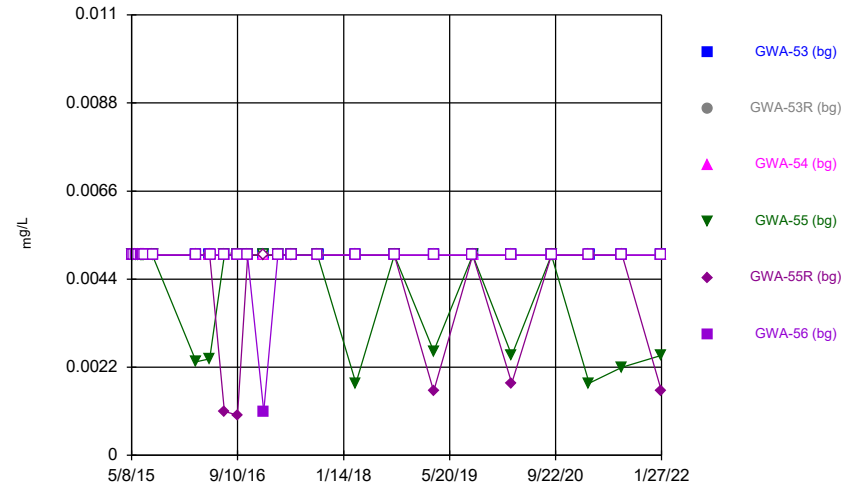
Constituent: pH Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



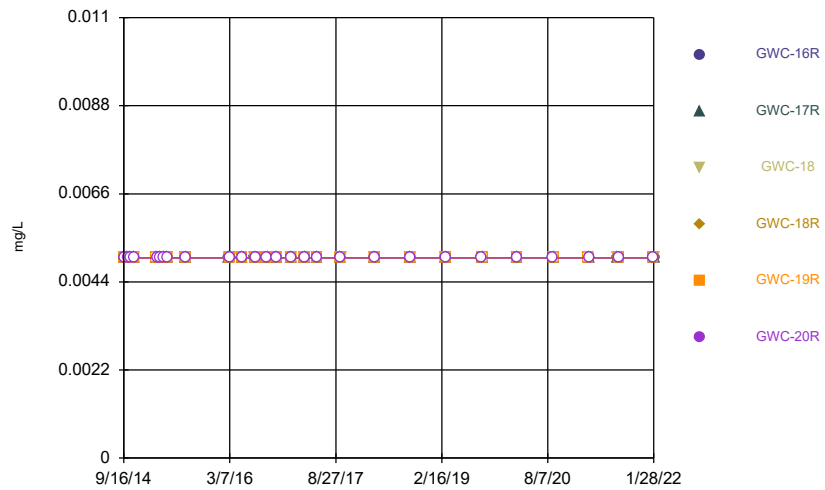
Constituent: Selenium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



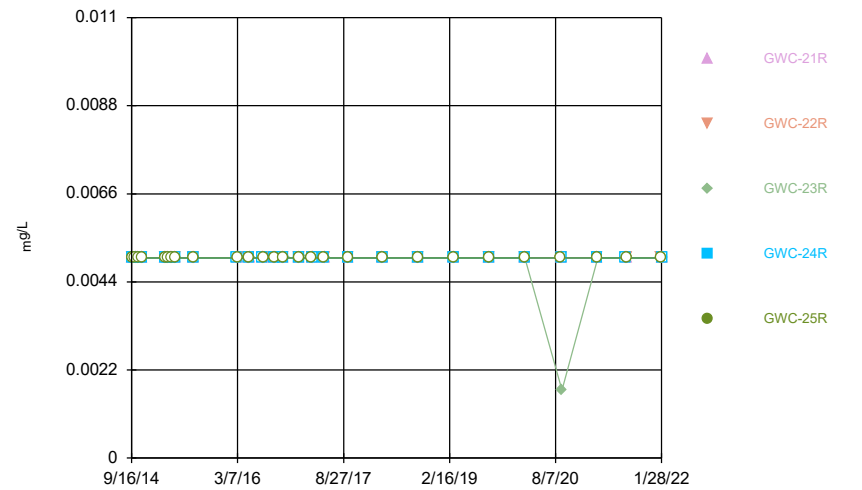
Constituent: Selenium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



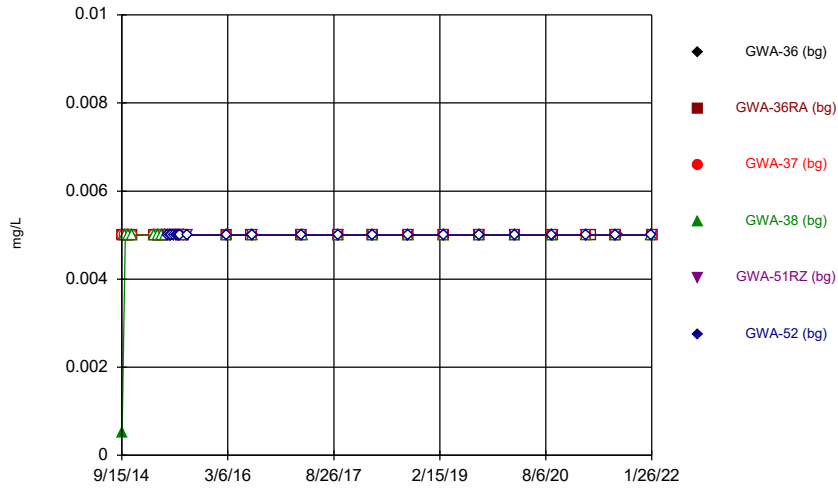
Constituent: Selenium Analysis Run 4/11/2022 4:16 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



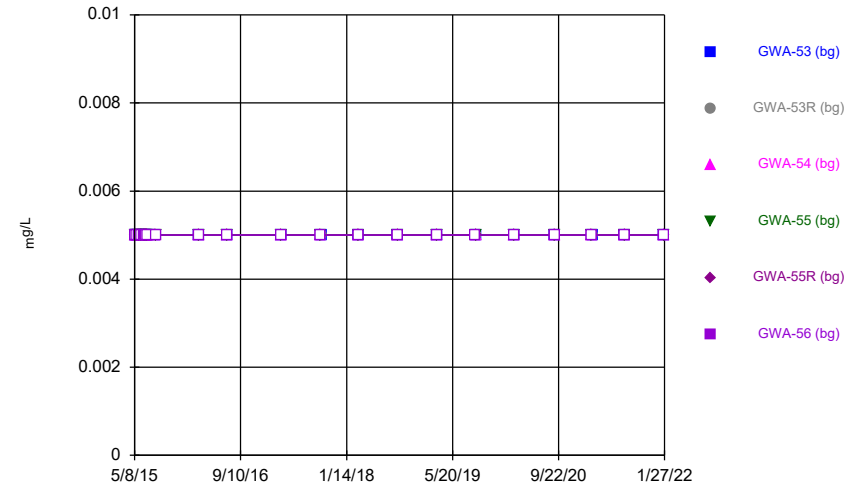
Constituent: Selenium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



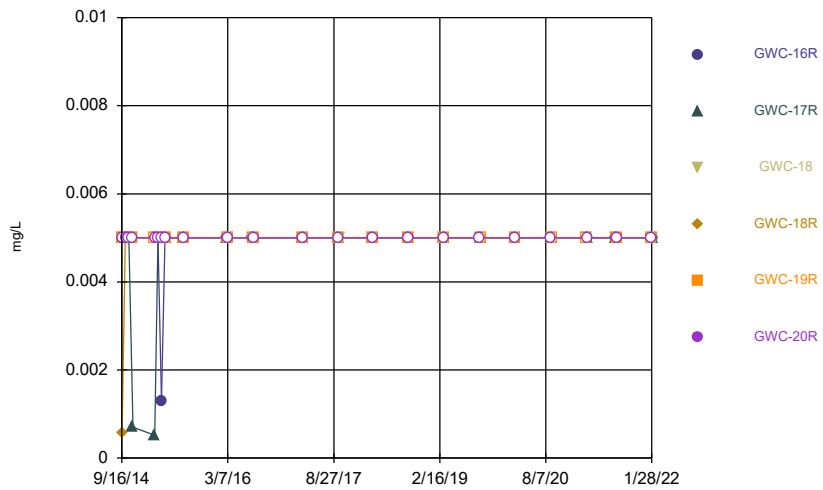
Constituent: Silver Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



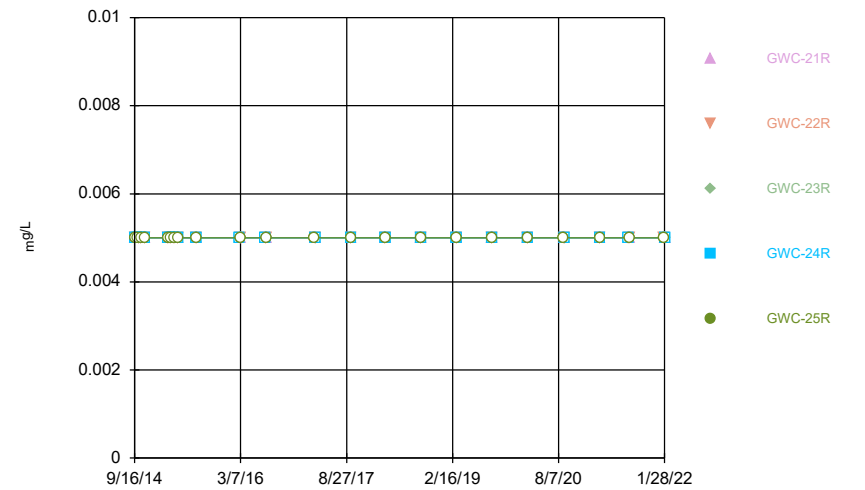
Constituent: Silver Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



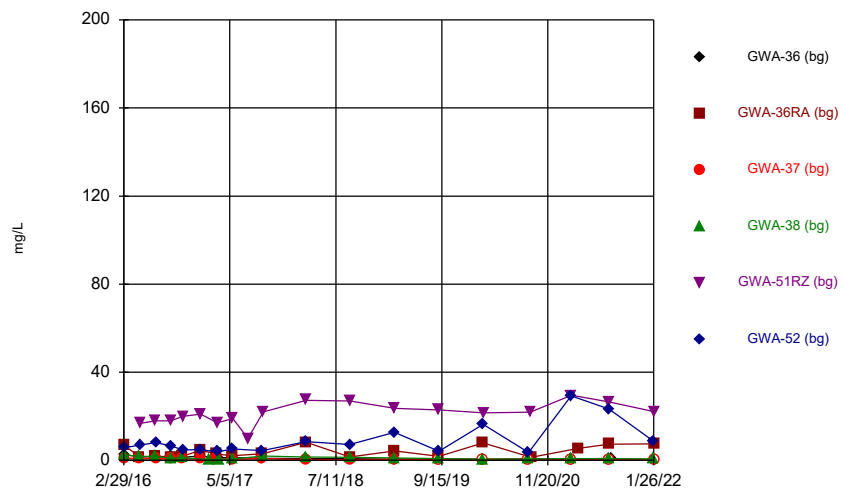
Constituent: Silver Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



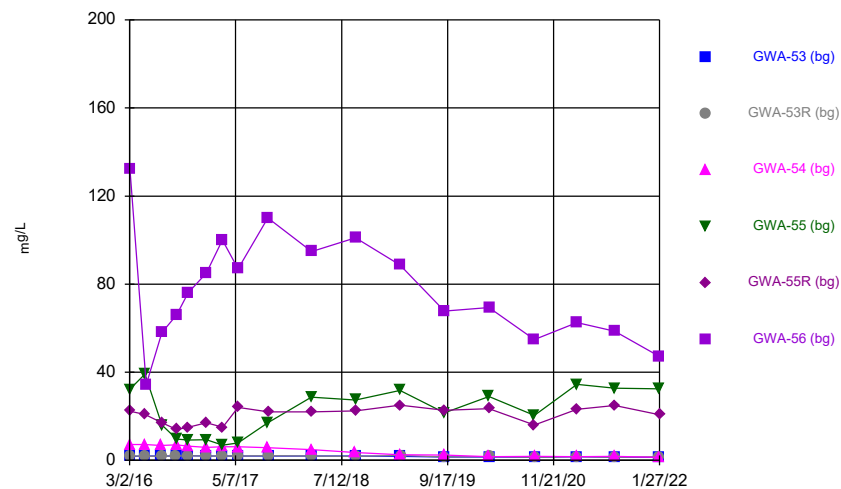
Constituent: Silver Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



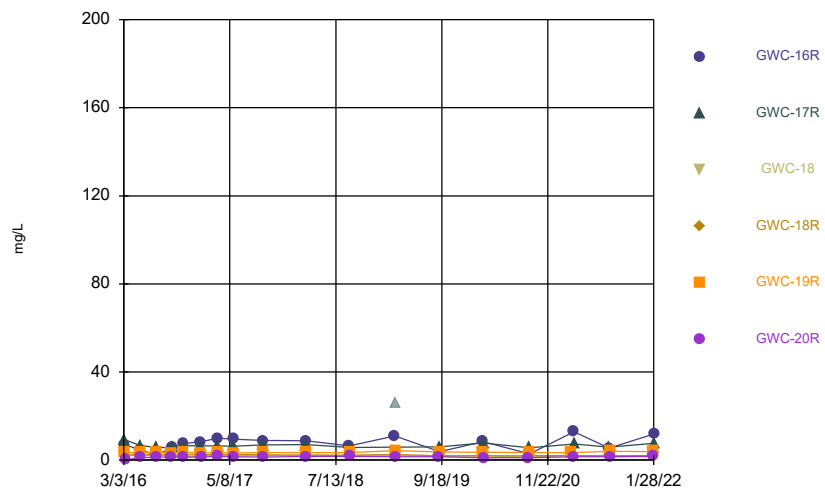
Constituent: Sulfate Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



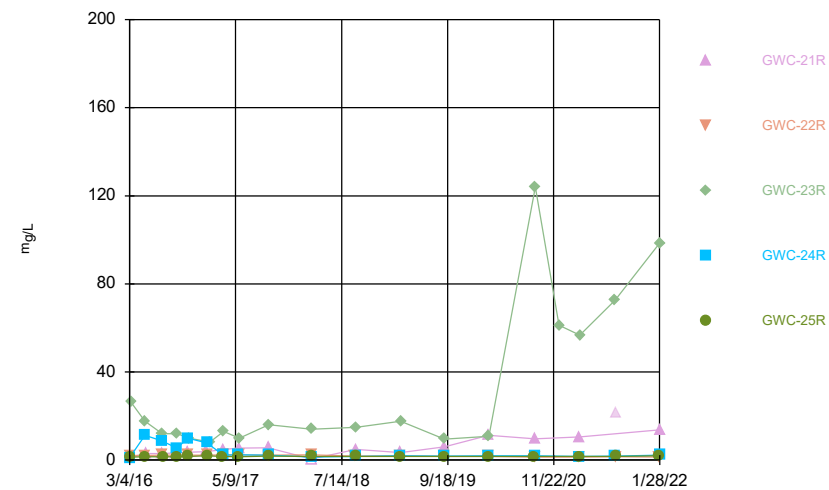
Constituent: Sulfate Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



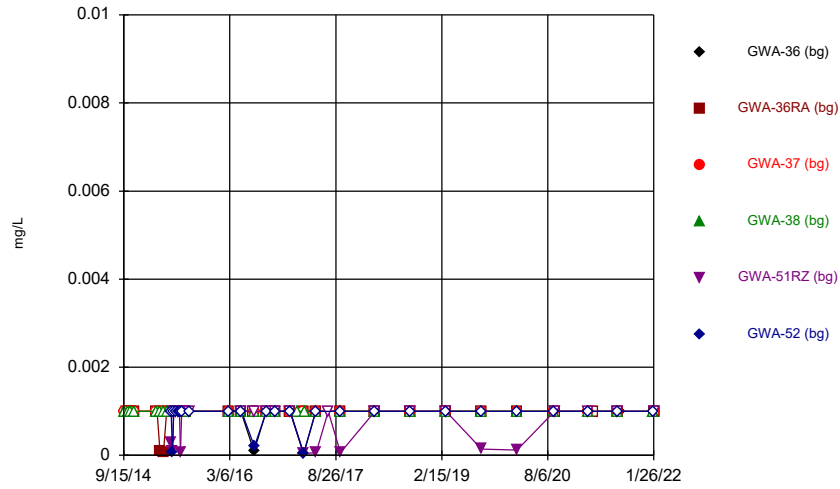
Constituent: Sulfate Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



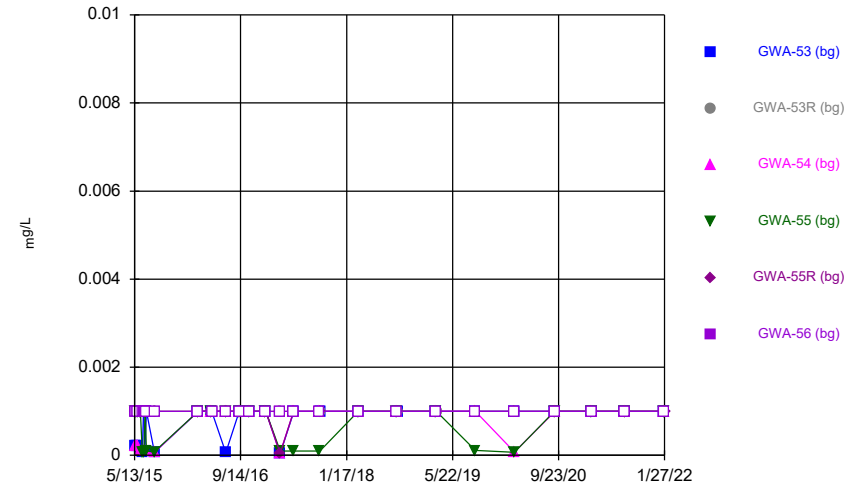
Constituent: Sulfate Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



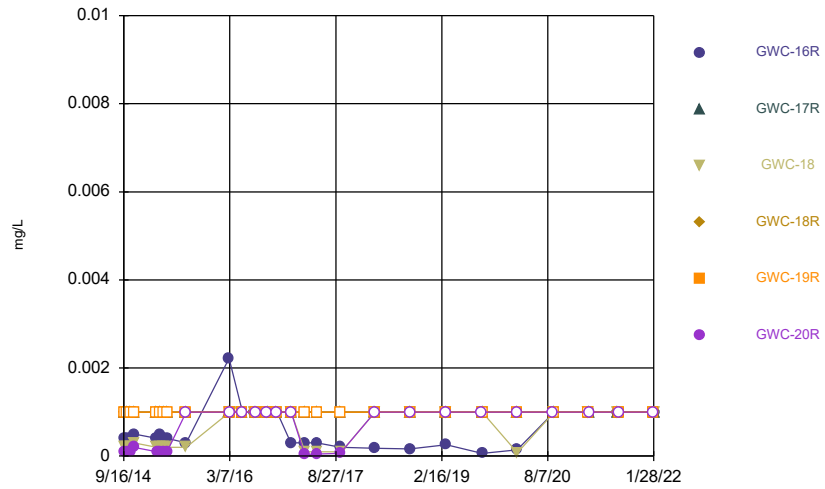
Constituent: Thallium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



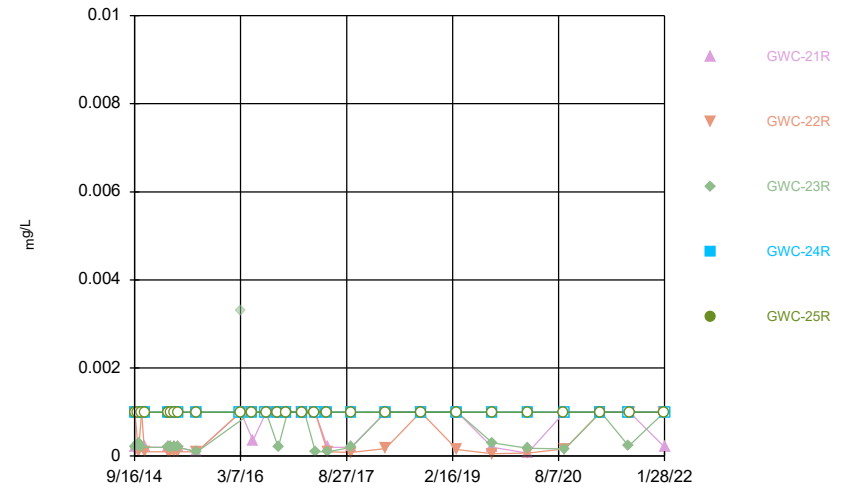
Constituent: Thallium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



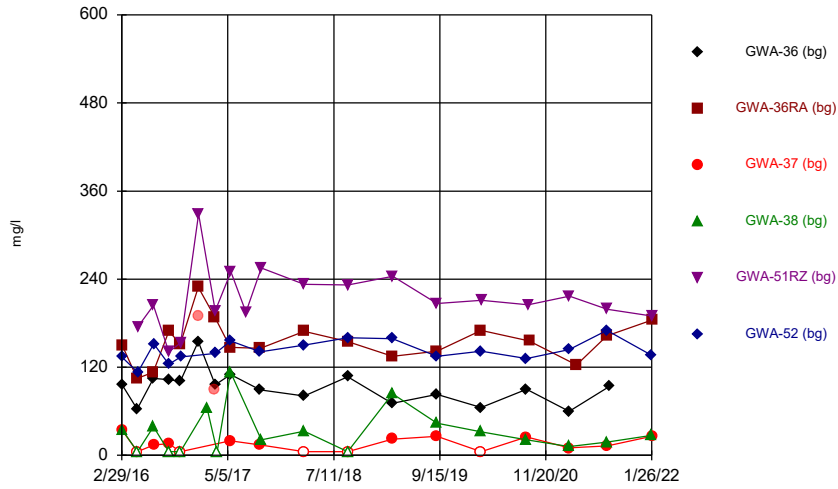
Constituent: Thallium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



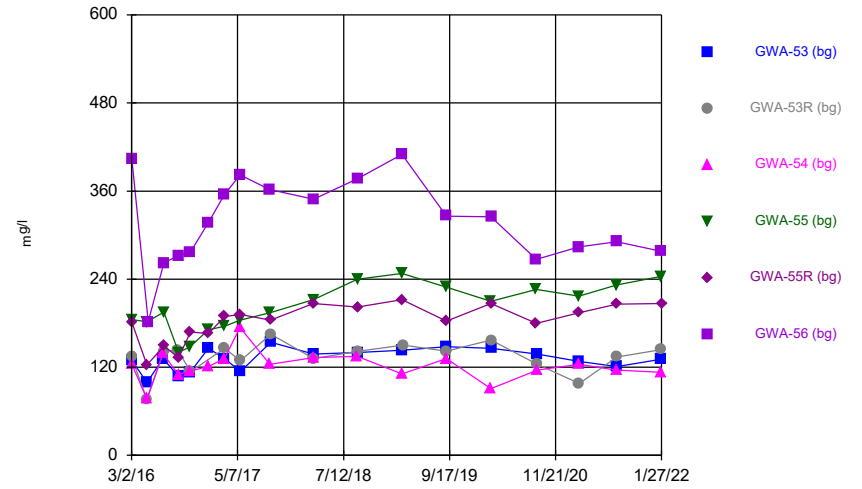
Constituent: Thallium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



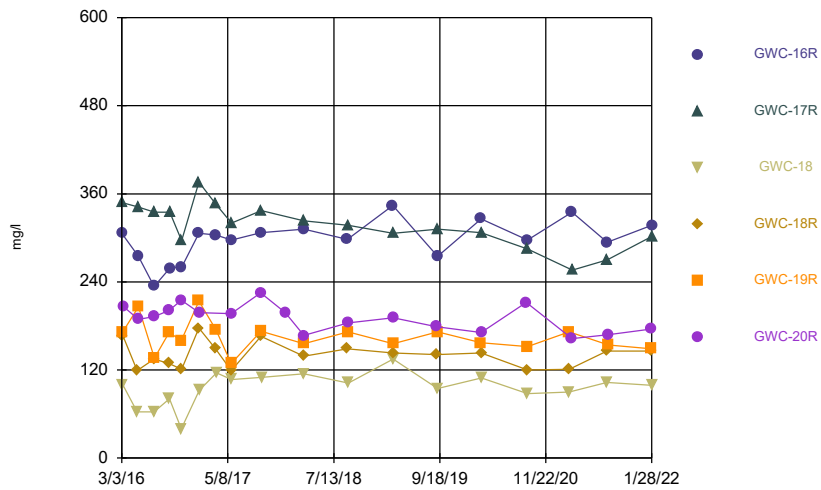
Constituent: Total Dissolved Solids Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



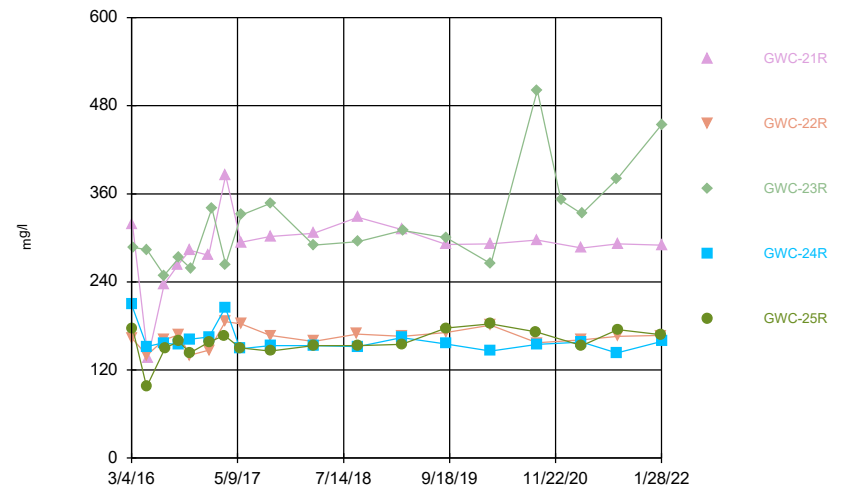
Constituent: Total Dissolved Solids Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



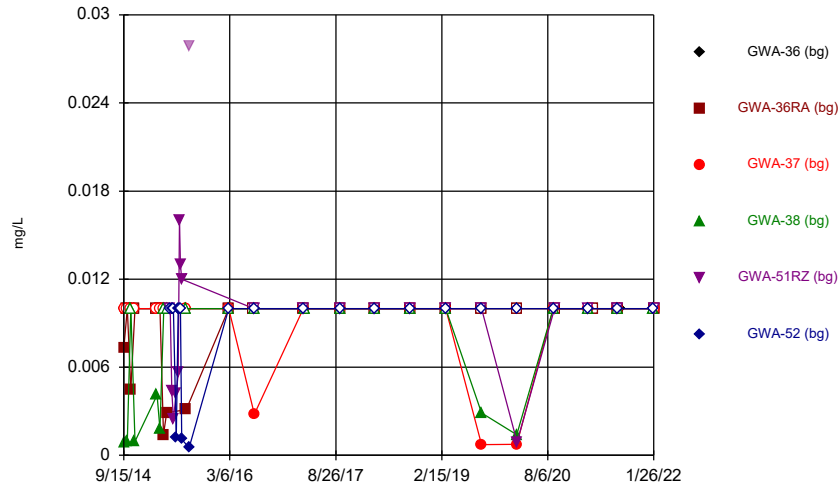
Constituent: Total Dissolved Solids Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



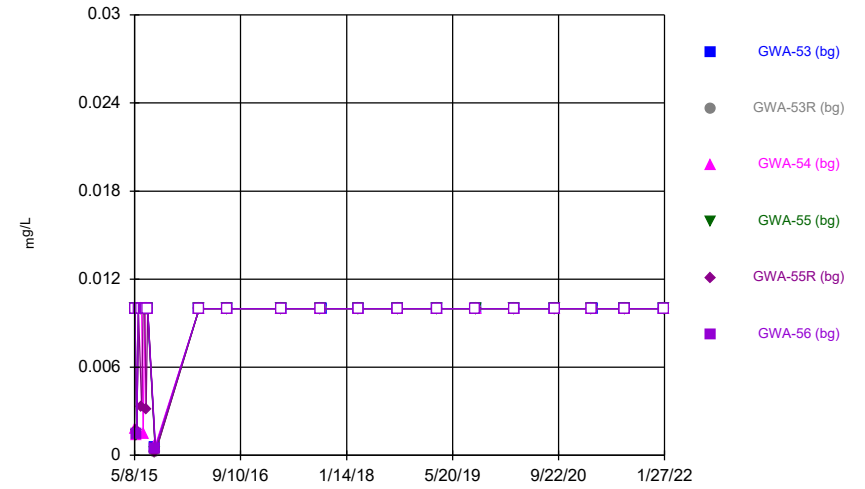
Constituent: Total Dissolved Solids Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



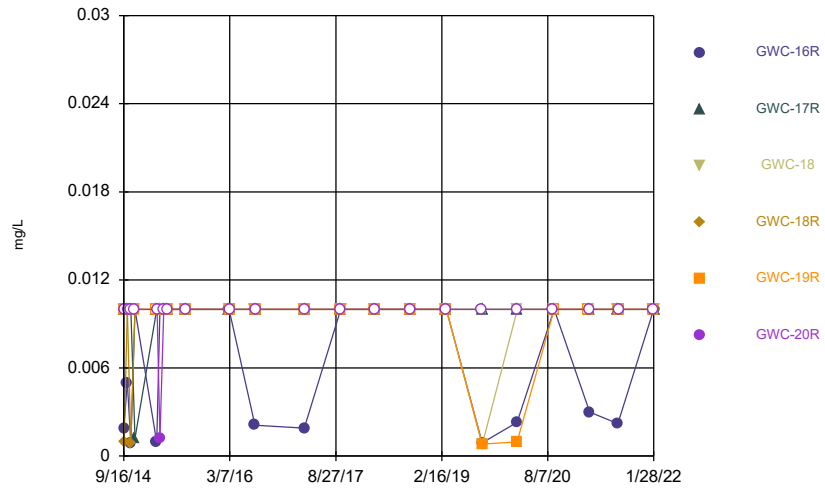
Constituent: Vanadium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



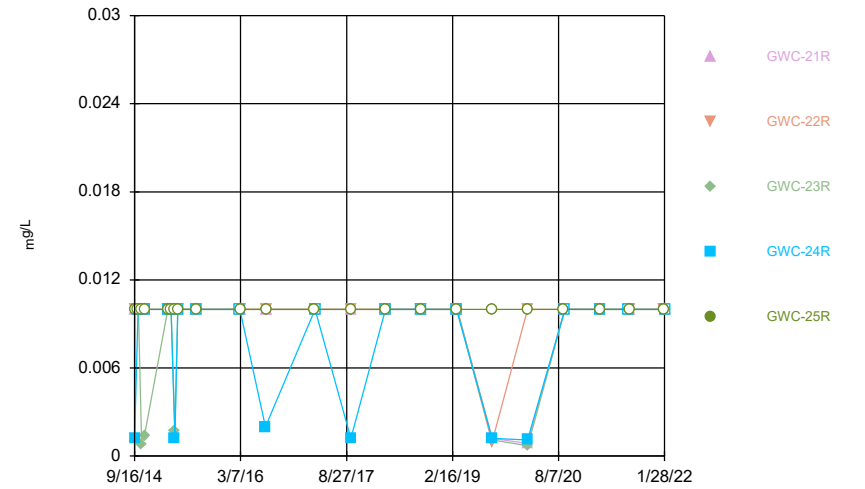
Constituent: Vanadium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



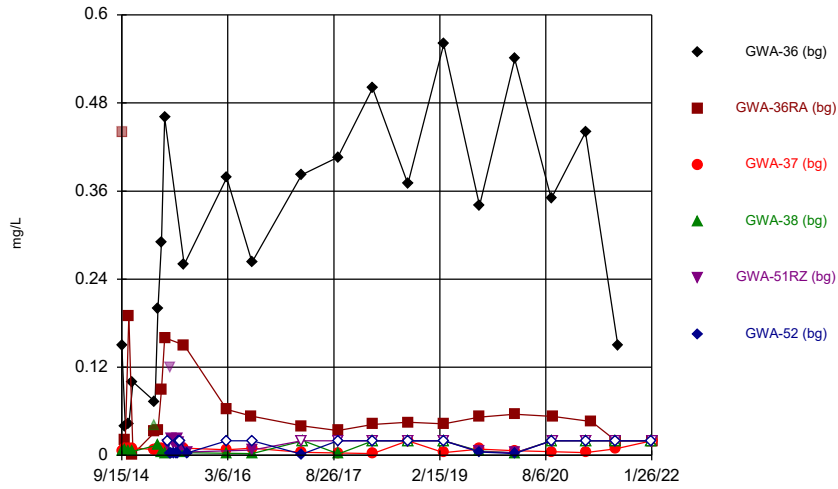
Constituent: Vanadium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



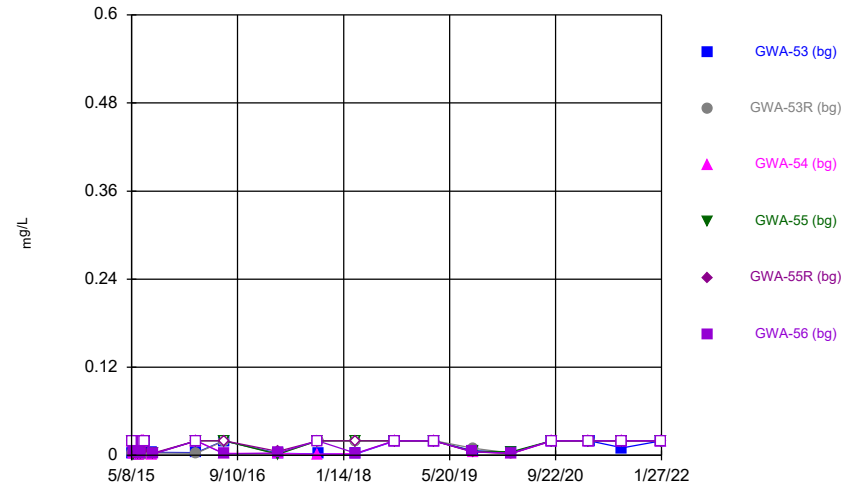
Constituent: Vanadium Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



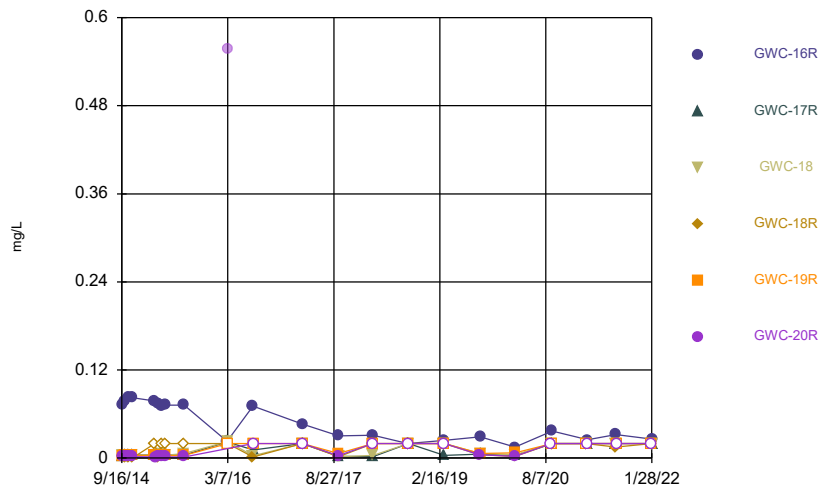
Constituent: Zinc Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



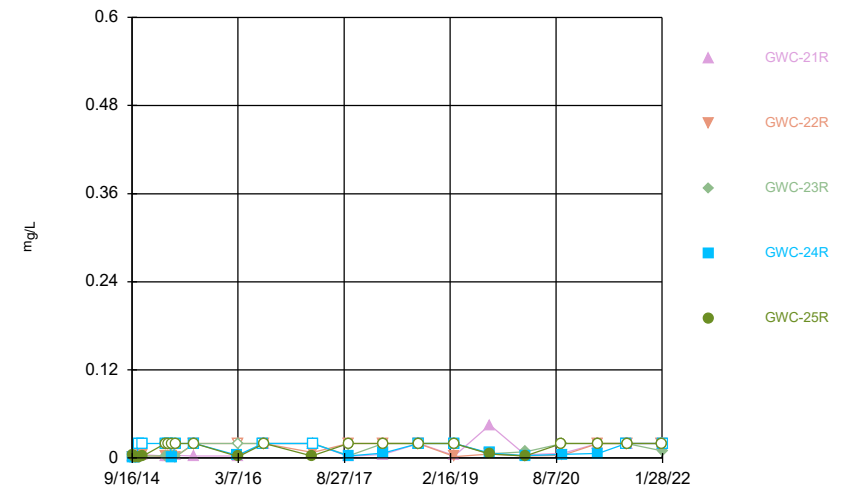
Constituent: Zinc Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



Constituent: Zinc Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series



Constituent: Zinc Analysis Run 4/11/2022 4:17 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.003	<0.003				
9/16/2014			<0.003	<0.003		
10/3/2014	<0.003	<0.003	<0.003	<0.003		
10/20/2014	<0.003	<0.003	<0.003	<0.003		
11/10/2014	<0.003	<0.003	<0.003	<0.003		
3/2/2015	<0.003	<0.003	<0.003	<0.003		
3/17/2015	<0.003	<0.003	<0.003	<0.003		
4/5/2015	<0.003	<0.003	<0.003			
4/6/2015				<0.003		
4/21/2015	<0.003	<0.003				
4/22/2015			<0.003	<0.003		
5/8/2015					<0.003	<0.003
5/17/2015					<0.003	<0.003
5/25/2015					<0.003	<0.003
6/8/2015					<0.003	<0.003
6/18/2015					<0.003	<0.003
6/24/2015					<0.003	<0.003
6/30/2015					<0.003	<0.003
7/6/2015					<0.003	<0.003
7/28/2015	<0.003	<0.003	<0.003	<0.003		
8/12/2015					<0.003	<0.003
2/29/2016						<0.003
3/1/2016	<0.003	<0.003	0.00214 (J)			
3/2/2016				<0.003		
5/2/2016	<0.003	<0.003				
5/3/2016			0.00178 (J)	<0.003		
5/4/2016					0.00254 (JD)	<0.003
7/6/2016		<0.003				
7/7/2016	<0.003			<0.003	0.0033 (D)	
7/8/2016			0.0023 (J)			<0.003
9/7/2016	<0.003	<0.003	0.0039			
9/8/2016				<0.003	0.0046 (o)	<0.003
10/25/2016	<0.003	<0.003	0.0035	<0.003		
10/26/2016					0.001 (D)	<0.003
1/5/2017	<0.003	<0.003				
1/6/2017			0.0052		0.0011 (D)	<0.003
2/9/2017				<0.003		
3/14/2017		<0.003	0.003			
3/15/2017	0.0004 (J)				0.0006 (D)	<0.003
3/23/2017				<0.003		
5/16/2017		<0.003	0.0026 (J)			
5/17/2017	0.0032			<0.003		<0.003
5/18/2017					0.0009 (D)	
7/19/2017					<0.003 (D)	
9/15/2017	<0.003	<0.003	0.0016 (J)			<0.003
9/19/2017				<0.003	<0.003 (D)	
3/12/2018	<0.003	<0.003	0.0023 (J)			
3/13/2018				<0.003	<0.003	<0.003
9/6/2018	<0.003	<0.003	0.0024 (J)	<0.003		<0.003
9/7/2018					<0.003	
3/6/2019	<0.003		0.0019 (J)			
3/7/2019		<0.003		<0.003		<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					<0.003	
9/4/2019	0.001 (J)	<0.003	0.0029 (J)	<0.003 (D)	0.0006 (J)	<0.003
3/2/2020	<0.003	<0.003	0.0018 (J)	<0.003		<0.003
3/3/2020					<0.003	
9/3/2020	0.00094 (J)		0.0012 (J)	<0.003		<0.003
9/9/2020					0.00035 (J)	
9/14/2020		<0.003				
2/24/2021	0.00068 (J)		0.0012 (J)	<0.003		<0.003
2/25/2021					0.00061 (J)	
3/26/2021		0.00092 (J)				
7/27/2021		<0.003				0.0028 (J)
7/28/2021			0.0016 (J)	<0.003	0.00082 (J)	
8/6/2021	<0.003					
1/25/2022				<0.003		<0.003
1/26/2022		<0.003	<0.003		<0.003	

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.003				
5/9/2015	<0.003		<0.003	<0.003	<0.003	<0.003
5/17/2015		<0.003				
5/18/2015	<0.003		<0.003	<0.003	<0.003	
5/19/2015						<0.003
5/25/2015	<0.003	<0.003	<0.003			
5/26/2015				<0.003	<0.003	<0.003
6/8/2015	<0.003	<0.003				
6/9/2015			<0.003	<0.003	<0.003	<0.003
6/17/2015	<0.003		<0.003	<0.003	<0.003	<0.003
6/18/2015		<0.003				
6/24/2015	<0.003	<0.003				
6/25/2015			<0.003	<0.003	<0.003	<0.003
6/30/2015	<0.003	<0.003				
7/1/2015			<0.003	<0.003	<0.003	<0.003
7/6/2015	<0.003	<0.003				
7/7/2015			<0.003	<0.003	<0.003	<0.003
8/12/2015	<0.003	<0.003	<0.003			
8/13/2015				<0.003	<0.003	<0.003
3/2/2016	0.000782 (J)	0.00106 (J)	<0.003	0.000608 (J)		
3/3/2016					<0.003	<0.003
5/3/2016	<0.003	0.00171 (J)		<0.003	<0.003	
5/4/2016			<0.003			
5/9/2016						<0.003
7/8/2016	<0.003		<0.003			
7/11/2016		<0.003		<0.003	<0.003	<0.003
9/7/2016		0.0013 (J)				
9/8/2016	0.0009 (J)		0.0019 (J)			
9/9/2016				<0.003	0.0009 (J)	<0.003
10/26/2016	0.0012 (J)		<0.003	<0.003		<0.003
10/27/2016		0.0011 (J)			<0.003	
1/6/2017		0.0013 (J)				
1/9/2017	<0.003		<0.003	<0.003	0.0023 (J)	0.0012 (J)
3/15/2017			<0.003			<0.003
3/16/2017	<0.003	0.0029 (J)		<0.003	0.0007 (J)	
5/18/2017			<0.003	<0.003	0.0012 (J)	<0.003
5/19/2017	0.0005 (J)	<0.003				
9/15/2017			<0.003	<0.003		<0.003
9/18/2017					<0.003	
9/19/2017	<0.003	<0.003				
3/12/2018				<0.003	<0.003	
3/13/2018	<0.003	0.0034	<0.003			<0.003
9/6/2018			0.001 (J)			
9/7/2018				<0.003	<0.003	<0.003
9/11/2018	<0.003	0.0033				
3/7/2019			<0.003		<0.003	<0.003
3/8/2019	<0.003			<0.003		
3/12/2019		0.002 (J)				
9/4/2019						<0.003
9/5/2019	0.00035 (J)	0.00035 (J)	<0.003	<0.003	<0.003	
3/3/2020			0.0011 (J)	<0.003		
3/4/2020	0.0019 (J)	0.00053 (J)			<0.003	<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/4/2020				0.00065 (J)	<0.003	<0.003
9/8/2020	0.0017 (J)	0.00078 (J)	<0.003			
2/25/2021			<0.003	<0.003	<0.003	<0.003
2/26/2021	<0.003	0.0006 (J)				
7/27/2021			0.00086 (J)			
7/28/2021				<0.003	<0.003	<0.003
7/29/2021	0.00096 (J)	0.00096 (J)				
1/25/2022			<0.003			
1/26/2022	<0.003	<0.003		<0.003		<0.003
1/27/2022					<0.003	

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	<0.003					
9/17/2014		<0.003	<0.003	<0.003	<0.003	
9/18/2014						<0.003
10/4/2014	<0.003	<0.003	<0.003	<0.003	<0.003	
10/5/2014						<0.003
10/21/2014	<0.003	<0.003	<0.003	<0.003	<0.003	
10/22/2014						<0.003
11/5/2014			<0.003		<0.003	<0.003
11/11/2014	<0.003	<0.003		<0.003		
3/3/2015	<0.003	<0.003	<0.003	<0.003	<0.003	
3/4/2015						<0.003
3/18/2015	<0.003	<0.003	<0.003	<0.003		
3/19/2015					<0.003	<0.003
4/6/2015	<0.003	<0.003				
4/7/2015			<0.003	<0.003	<0.003	<0.003
4/23/2015	<0.003	<0.003	<0.003	<0.003		
4/24/2015					<0.003	<0.003
7/29/2015	<0.003	<0.003	<0.003	<0.003	<0.003	
7/30/2015						<0.003
3/3/2016	0.00472 (D)					
3/4/2016		<0.003				
3/7/2016			0.003	<0.003	<0.003	
3/8/2016						<0.003
5/5/2016			<0.003	0.000672 (J)		
5/9/2016					<0.003	<0.003
5/10/2016	0.0047	0.000641 (J)				
7/13/2016	<0.003		<0.003	<0.003		
7/14/2016		<0.003			<0.003	<0.003
9/12/2016				<0.003	<0.003	<0.003
9/13/2016			<0.003			
9/14/2016		0.0012 (J)				
9/15/2016	0.0013 (J)					
10/31/2016			<0.003		<0.003	<0.003
11/1/2016		<0.003		<0.003		
11/2/2016	0.0021 (J)					
1/11/2017	0.0086	<0.003		<0.003	<0.003	
1/12/2017			<0.003			<0.003
3/20/2017	0.0187			0.0005 (J)		
3/21/2017		<0.003			<0.003	
3/22/2017						<0.003
3/23/2017			<0.003			
5/22/2017				<0.003	<0.003	<0.003
5/23/2017	0.0097	<0.003	<0.003			
9/19/2017						<0.003
9/20/2017					<0.003	
9/21/2017	0.0078			0.0008 (J)		
9/22/2017		<0.003				
9/25/2017			<0.003			
3/14/2018	0.015	<0.003	<0.003	<0.003	<0.003	<0.003
9/7/2018	0.0026 (J)			<0.003		
9/10/2018					<0.003	<0.003
9/11/2018		<0.003	<0.003			

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	0.02					
3/12/2019		<0.003	<0.003	0.00091 (J)	<0.003	<0.003
9/6/2019				0.00028 (J)		0.001755 (D)
9/9/2019	0.011		<0.003		<0.003	
9/10/2019		<0.003				
3/4/2020	0.019				<0.003	
3/5/2020		<0.003		0.00068 (J)		<0.003
3/6/2020			0.00049 (J)			
9/4/2020						<0.003
9/9/2020	0.015	<0.003	<0.003	<0.003	<0.003	
2/26/2021			<0.003	0.00059 (J)	<0.003	
3/9/2021	0.018					<0.003
3/10/2021		<0.003				
7/29/2021			<0.003	0.0024 (J)		
7/30/2021	0.019	<0.003				
8/2/2021						<0.003
8/5/2021					<0.003	
1/27/2022				<0.003	<0.003	<0.003
1/28/2022	0.027	<0.003	<0.003			

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.003	<0.003
9/18/2014	<0.003	<0.003	<0.003		
10/4/2014				<0.003	<0.003
10/5/2014	<0.003	<0.003	<0.003		
10/22/2014	<0.003	<0.003	<0.003		
10/23/2014				<0.003	<0.003
11/5/2014	<0.003	<0.003	<0.003		
11/10/2014				<0.003	<0.003
3/4/2015	<0.003	<0.003	<0.003	<0.003	<0.003
3/19/2015	<0.003	<0.003			
3/20/2015			<0.003	<0.003	<0.003
4/8/2015	<0.003	<0.003	<0.003	<0.003	
4/9/2015					<0.003
4/23/2015			<0.003	<0.003	<0.003
4/24/2015	<0.003	<0.003			
7/30/2015	<0.003	<0.003	<0.003	<0.003	<0.003
3/4/2016				0.0271 (Jo)	
3/7/2016		<0.003			
3/8/2016	0.00318				0.0226 (o)
3/9/2016			0.003		
5/4/2016					0.00107 (J)
5/5/2016		<0.003		0.000761 (J)	
5/6/2016			0.000666 (J)		
5/9/2016	0.00454				
7/12/2016				0.0094 (o)	
7/14/2016		<0.003			
7/15/2016	<0.003		<0.003		
7/18/2016					0.0004 (J)
9/9/2016	0.0033				
9/12/2016		<0.003			
9/13/2016				0.0072 (o)	0.0028 (J)
9/14/2016			0.0022 (J)		
10/27/2016	0.0046	<0.003		0.005	0.0011 (J)
11/1/2016			<0.003		
1/12/2017	0.0064				
1/13/2017		<0.003		0.0012 (J)	<0.003
1/25/2017			<0.003		
3/16/2017					0.0009 (J)
3/20/2017		<0.003		0.0014 (J)	
3/21/2017	0.0058				
3/22/2017			0.0006 (J)		
5/19/2017				0.0006 (J)	<0.003
5/23/2017	0.0023 (J)	<0.003			
5/24/2017			<0.003		
9/19/2017	0.0018 (J)	<0.003		<0.003	<0.003
9/21/2017			<0.003		
3/13/2018		<0.003		0.0016 (J)	0.00093 (J)
3/14/2018	0.0063		<0.003		
9/7/2018		<0.003			
9/10/2018	0.0033				
9/11/2018			<0.003	<0.003	<0.003
3/8/2019				<0.003	<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	0.0029 (J)	<0.003			
3/12/2019			<0.003		
9/5/2019		<0.003		0.00031 (JD)	<0.003
9/6/2019	0.01		0.00029 (J)		
3/3/2020	0.0019 (J)	<0.003		<0.003	<0.003
3/5/2020			<0.003		
9/4/2020					0.0013 (J)
9/8/2020	0.0041	<0.003			
9/9/2020			<0.003	0.00094 (J)	
3/9/2021	0.0024 (J)	<0.003		0.00035 (J)	<0.003
3/10/2021			<0.003		
7/29/2021				0.0011 (J)	
7/30/2021			<0.003		
8/2/2021	0.0048	<0.003			<0.003
1/27/2022		<0.003			<0.003
1/28/2022	0.0061		<0.003	<0.003	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.005	0.0036 (J)				
9/16/2014			<0.005	<0.005		
10/3/2014	<0.005	<0.005	<0.005	<0.005		
10/20/2014	<0.005	0.0022 (J)	<0.005	<0.005		
11/10/2014	<0.005	<0.005	<0.005	<0.005		
3/2/2015	<0.005	<0.005	<0.005	0.0062		
3/17/2015	<0.005	<0.005	<0.005	<0.005		
4/5/2015	<0.005	<0.005	<0.005			
4/6/2015				<0.005		
4/21/2015	<0.005	<0.005				
4/22/2015			<0.005	<0.005		
5/8/2015					<0.005	<0.005
5/17/2015					0.0021 (J)	<0.005
5/25/2015					<0.005	<0.005
6/8/2015					0.002 (J)	<0.005
6/18/2015					0.0028 (J)	<0.005
6/24/2015					0.0074	<0.005
6/30/2015					0.0065	<0.005
7/6/2015					0.0057	<0.005
7/28/2015	<0.005	<0.005	<0.005	<0.005		
8/12/2015					0.0162 (o)	<0.005
2/29/2016						<0.005
3/1/2016	<0.005	<0.005	<0.005			
3/2/2016				<0.005		
5/2/2016	<0.005	<0.005				
5/3/2016			<0.005	<0.005		
5/4/2016					<0.005 (D)	<0.005
7/6/2016		0.0008 (J)				
7/7/2016	<0.005			<0.005	0.0009 (JD)	
7/8/2016			<0.005			<0.005
9/7/2016	<0.005	<0.005	<0.005			
9/8/2016				<0.005	<0.005 (D)	<0.005
10/25/2016	<0.005	<0.005	<0.005	<0.005		
10/26/2016					<0.005 (D)	<0.005
1/5/2017	<0.005	<0.005				
1/6/2017			<0.005		<0.005 (D)	<0.005
2/9/2017				<0.005		
3/14/2017		<0.005	0.0005 (J)			
3/15/2017	<0.005				0.0006 (JD)	<0.005
3/23/2017				<0.005		
5/16/2017		<0.005	<0.005			
5/17/2017	<0.005			<0.005		<0.005
5/18/2017					0.0007 (JD)	
7/19/2017					0.0061 (D)	
9/15/2017	<0.005	0.0007 (J)	<0.005			0.0006 (J)
9/19/2017				<0.005	0.0021 (JD)	
3/12/2018	<0.005	<0.005	<0.005			
3/13/2018				0.00061 (J)	0.0017 (J)	0.00063 (J)
9/6/2018	<0.005	<0.005	<0.005	0.00071 (J)		<0.005
9/7/2018					<0.005	
3/6/2019	<0.005		<0.005			
3/7/2019		<0.005		<0.005		<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					<0.005	
9/4/2019	<0.005	<0.005	<0.005	<0.005 (D)	0.00061 (J)	<0.005
3/2/2020	<0.005	<0.005	0.00053 (J)	0.00059 (J)		<0.005
3/3/2020					0.00073 (J)	
9/3/2020	<0.005		<0.005	<0.005		<0.005
9/9/2020					<0.005	
9/14/2020		<0.005				
2/24/2021	<0.005		<0.005	<0.005		<0.005
2/25/2021					<0.005	
3/26/2021		<0.005				
7/27/2021		<0.005				0.0016 (J)
7/28/2021			<0.005	<0.005	0.0031 (J)	
8/6/2021	<0.005					
1/25/2022				<0.005		0.003 (J)
1/26/2022		<0.005	0.0019 (J)		0.0047 (J)	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.005				
5/9/2015	<0.005		<0.005	<0.005	<0.005	<0.005
5/17/2015		<0.005				
5/18/2015	<0.005		<0.005	<0.005	<0.005	
5/19/2015						<0.005
5/25/2015	<0.005	<0.005	<0.005			
5/26/2015				<0.005	<0.005	<0.005
6/8/2015	<0.005	<0.005				
6/9/2015			<0.005	<0.005	0.0028 (J)	<0.005
6/17/2015	<0.005		<0.005	<0.005	<0.005	<0.005
6/18/2015		<0.005				
6/24/2015	<0.005	<0.005				
6/25/2015			<0.005	<0.005	<0.005	<0.005
6/30/2015	<0.005	<0.005				
7/1/2015			<0.005	<0.005	0.0024 (J)	<0.005
7/6/2015	<0.005	<0.005				
7/7/2015			<0.005	<0.005	<0.005	<0.005
8/12/2015	<0.005	<0.005	<0.005			
8/13/2015				<0.005	<0.005	0.0021 (J)
3/2/2016	<0.005	<0.005	<0.005	<0.005		
3/3/2016					<0.005	<0.005
5/3/2016	<0.005	<0.005		<0.005	<0.005	
5/4/2016			<0.005			
5/9/2016						<0.005
7/8/2016	<0.005		<0.005			
7/11/2016		<0.005		<0.005	0.001 (J)	0.001 (J)
9/7/2016		<0.005				
9/8/2016	<0.005		<0.005			
9/9/2016				<0.005	<0.005	<0.005
10/26/2016	<0.005		<0.005	<0.005		<0.005
10/27/2016		<0.005			<0.005	
1/6/2017		<0.005				
1/9/2017	<0.005		<0.005	<0.005	<0.005	<0.005
3/15/2017			0.0006 (J)			0.0005 (J)
3/16/2017	0.0005 (J)	0.0005 (J)		0.0005 (J)	0.0007 (J)	
5/18/2017			<0.005	0.0006 (J)	0.0006 (J)	0.0006 (J)
5/19/2017	0.0007 (J)	0.0007 (J)				
9/15/2017			<0.005	0.0007 (J)		0.0008 (J)
9/18/2017					<0.005	
9/19/2017	<0.005	<0.005				
3/12/2018				<0.005	<0.005	
3/13/2018	0.00058 (J)	<0.005	0.00066 (J)			0.00088 (J)
9/6/2018			0.00057 (J)			
9/7/2018				<0.005	<0.005	<0.005
9/11/2018	<0.005	<0.005				
3/7/2019			<0.005		<0.005	0.00085 (J)
3/8/2019	<0.005			<0.005		
3/12/2019		<0.005				
9/4/2019						<0.005
9/5/2019	0.00039 (J)	0.00046 (J)	0.00038 (J)	0.00044 (J)	0.00042 (J)	
3/3/2020			<0.005	<0.005		
3/4/2020	0.00044 (J)	0.00043 (J)			<0.005	0.0004 (J)

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/4/2020				<0.005	<0.005	<0.005
9/8/2020	<0.005	<0.005	<0.005			
2/25/2021			<0.005	<0.005	<0.005	<0.005
2/26/2021	<0.005	<0.005				
7/27/2021			0.0014 (J)			
7/28/2021				0.0026 (J)	0.0029 (J)	0.0034 (J)
7/29/2021	0.0032 (J)	0.0037 (J)				
1/25/2022			<0.005			
1/26/2022	<0.005	<0.005		<0.005		0.0015 (J)
1/27/2022					0.0019 (J)	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	<0.005					
9/17/2014		<0.005	<0.005	<0.005	<0.005	
9/18/2014						<0.005
10/4/2014	<0.005	<0.005	<0.005	<0.005	<0.005	
10/5/2014						<0.005
10/21/2014	<0.005	<0.005	<0.005	<0.005	<0.005	
10/22/2014						<0.005
11/5/2014			<0.005		<0.005	<0.005
11/11/2014	<0.005	<0.005		0.005		
3/3/2015	<0.005	<0.005	<0.005	<0.005	<0.005	
3/4/2015						<0.005
3/18/2015	<0.005	<0.005	<0.005	<0.005		
3/19/2015					<0.005	<0.005
4/6/2015	<0.005	<0.005				
4/7/2015			<0.005	<0.005	<0.005	<0.005
4/23/2015	<0.005	<0.005	<0.005	<0.005		
4/24/2015					<0.005	<0.005
7/29/2015	<0.005	<0.005	<0.005	<0.005	<0.005	
7/30/2015						<0.005
3/3/2016	0.08869 (oD)					
3/4/2016		<0.005				
3/7/2016			<0.005	<0.005	<0.005	
3/8/2016						<0.005
5/5/2016			<0.005	<0.005		
5/9/2016					<0.005	<0.005
5/10/2016	0.00128 (J)	<0.005				
7/13/2016	0.001 (J)		<0.005	<0.005		
7/14/2016		<0.005			<0.005	0.0008 (J)
9/12/2016				<0.005	<0.005	<0.005
9/13/2016			<0.005			
9/14/2016		<0.005				
9/15/2016	0.0017 (J)					
10/31/2016			<0.005		<0.005	<0.005
11/1/2016		<0.005		<0.005		
11/2/2016	<0.005					
1/11/2017	<0.005	<0.005		<0.005	<0.005	
1/12/2017			<0.005			<0.005
3/20/2017	0.0012 (J)			0.0006 (J)		
3/21/2017		0.0009 (J)			0.0007 (J)	
3/22/2017						<0.005
3/23/2017			<0.005			
5/22/2017				<0.005	<0.005	<0.005
5/23/2017	<0.005	<0.005	<0.005			
9/19/2017						0.0006 (J)
9/20/2017					<0.005	
9/21/2017	0.001 (J)			<0.005		
9/22/2017		0.0008 (J)				
9/25/2017			<0.005			
3/14/2018	0.0013 (J)	0.00092 (J)	0.00091 (J)	0.00057 (J)	0.00076 (J)	0.0011 (J)
9/7/2018	<0.005			<0.005		
9/10/2018					<0.005	<0.005
9/11/2018		<0.005	<0.005			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	<0.005					
3/12/2019		<0.005	<0.005	<0.005	<0.005	<0.005
9/6/2019				<0.005		0.00047 (JD)
9/9/2019	0.00094 (J)		0.00099 (J)		0.00082 (J)	
9/10/2019		<0.005				
3/4/2020	0.00088 (J)				0.00072 (J)	
3/5/2020		<0.005		0.00042 (J)		<0.005
3/6/2020			<0.005			
9/4/2020						<0.005
9/9/2020	0.0011 (J)	<0.005	<0.005	<0.005	<0.005	
2/26/2021			<0.005	<0.005	<0.005	
3/9/2021	0.00094 (J)					<0.005
3/10/2021		<0.005				
7/29/2021			0.0015 (J)	0.002 (J)		
7/30/2021	0.0025 (J)	0.0053				
8/2/2021						0.0028 (J)
8/5/2021					<0.005	
1/27/2022				<0.005	<0.005	<0.005
1/28/2022	<0.005	<0.005	<0.005			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.005	<0.005
9/18/2014	<0.005	<0.005	<0.005		
10/4/2014				<0.005	<0.005
10/5/2014	<0.005	<0.005	<0.005		
10/22/2014	<0.005	<0.005	<0.005		
10/23/2014				<0.005	<0.005
11/5/2014	<0.005	<0.005	<0.005		
11/10/2014				<0.005	<0.005
3/4/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2015	<0.005	<0.005			
3/20/2015			<0.005	<0.005	<0.005
4/8/2015	<0.005	<0.005	<0.005	<0.005	
4/9/2015					<0.005
4/23/2015			<0.005	<0.005	<0.005
4/24/2015	<0.005	<0.005			
7/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2016				0.0015 (J)	
3/7/2016		<0.005			
3/8/2016	0.0148 (o)				<0.005
3/9/2016			<0.005		
5/4/2016					<0.005
5/5/2016		<0.005		<0.005	
5/6/2016			<0.005		
5/9/2016	0.00347 (J)				
7/12/2016				0.0009 (J)	
7/14/2016		0.001 (J)			
7/15/2016	0.0017 (J)		<0.005		
7/18/2016					<0.005
9/9/2016	<0.005				
9/12/2016		<0.005			
9/13/2016				<0.005	<0.005
9/14/2016			<0.005		
10/27/2016	<0.005	<0.005		<0.005	<0.005
11/1/2016			<0.005		
1/12/2017	0.002 (J)				
1/13/2017		<0.005		<0.005	<0.005
1/25/2017			<0.005		
3/16/2017					0.0004 (J)
3/20/2017		0.0012 (J)		0.0013 (J)	
3/21/2017	0.0021 (J)				
3/22/2017			<0.005		
5/19/2017				0.001 (J)	0.0005 (J)
5/23/2017	<0.005	<0.005			
5/24/2017			0.0006 (J)		
9/19/2017	0.0013 (J)	0.0021 (J)		<0.005	<0.005
9/21/2017			<0.005		
3/13/2018		0.00087 (J)		0.0015 (J)	0.00073 (J)
3/14/2018	0.0033 (J)		0.0014 (J)		
9/7/2018		<0.005			
9/10/2018	<0.005				
9/11/2018			<0.005	<0.005	<0.005
3/8/2019				<0.005	<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	0.0038 (J)	0.00099 (J)			
3/12/2019			<0.005		
9/5/2019		0.0024 (J)		0.0005 (JD)	<0.005
9/6/2019	0.0024 (J)		0.00054 (J)		
3/3/2020	0.0015 (J)	0.0014 (J)		<0.005	<0.005
3/5/2020			<0.005		
9/4/2020					<0.005
9/8/2020	0.0023 (J)	0.0025 (J)			
9/9/2020			<0.005	<0.005	
3/9/2021	0.0045 (J)	0.0018 (J)		<0.005	<0.005
3/10/2021			<0.005		
7/29/2021				0.0031 (J)	
7/30/2021			0.006		
8/2/2021	0.0071	0.0041 (J)			0.0036 (J)
1/27/2022		0.0045 (J)			<0.005
1/28/2022	0.0031 (J)		0.0026 (J)	0.0021 (J)	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	0.0069	0.031				
9/16/2014			0.0071	0.014		
10/3/2014	0.0045	0.024	0.0087	0.016		
10/20/2014	0.0044	0.024	0.0085	0.014		
11/10/2014	<0.02	0.014	0.008	0.015		
3/2/2015	0.0045	0.013	0.0063	0.03 (o)		
3/17/2015	0.0078	0.013	0.0066	0.018		
4/5/2015	0.01	0.022	0.0068			
4/6/2015				0.014		
4/21/2015	0.013	0.018				
4/22/2015			0.0094	0.012		
5/8/2015					0.0094	0.033
5/17/2015					0.014	0.04
5/25/2015					0.012	0.039
6/8/2015					0.0094	0.031
6/18/2015					0.0075	0.039
6/24/2015					0.0056	0.042
6/30/2015					0.0047	0.033
7/6/2015					0.0047	0.031
7/28/2015	0.011	0.022	0.0057	0.012		
8/12/2015					0.00383 (J)	<0.02
2/29/2016						0.028
3/1/2016	0.0189	0.021	0.0101			
3/2/2016				0.0123		
5/2/2016	0.0133	0.0225				
5/3/2016			0.0104	0.0114		
5/4/2016					0.0207 (D)	0.0273
7/6/2016		0.0249				
7/7/2016	0.013			0.012	0.0207 (D)	
7/8/2016			0.0095 (J)			0.0284
9/7/2016	0.0116	0.0251	0.0095 (J)			
9/8/2016				0.0131	0.0278 (D)	0.0242
10/25/2016	0.0129	0.0274	0.0121	0.0122		
10/26/2016					0.0204 (D)	0.021
1/5/2017	0.013	0.028				
1/6/2017			0.014		0.0221 (D)	0.0219
2/9/2017				0.0104		
3/14/2017		0.02	0.009 (J)			
3/15/2017	0.0121				0.0172 (D)	0.0202
3/23/2017				0.0128		
5/16/2017		0.0221	0.0084 (J)			
5/17/2017	0.0123			0.0113		0.0219
5/18/2017					0.0181 (D)	
7/19/2017					0.018 (D)	
9/15/2017	0.0127	0.0231	0.0078 (J)			0.0209
9/19/2017				0.0114	0.0271 (D)	
3/12/2018	0.014	0.023	0.006 (J)			
3/13/2018				0.011	0.017	0.02
9/6/2018	0.013	0.024	0.0058 (J)	0.011		0.024
9/7/2018					0.022	
3/6/2019	0.018		0.0052 (J)			
3/7/2019		0.018		0.011		0.025

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					0.015	
9/4/2019	0.014	0.026	0.005 (J)	0.0115 (D)	0.018	0.02
3/2/2020	0.019	0.024	0.005 (J)	0.012		0.023
3/3/2020					0.017	
9/3/2020	0.014		0.0045 (J)	0.011		0.017
9/9/2020					0.017	
9/14/2020		0.03				
2/24/2021	0.016		0.0044 (J)	0.013		0.025
2/25/2021					0.018	
3/26/2021		0.02				
7/27/2021		0.043				0.026
7/28/2021			0.0052	0.013	0.019	
8/6/2021	0.01					
1/25/2022				0.012		0.023
1/26/2022		0.035	0.0046 (J)		0.034	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		0.014				
5/9/2015	0.044		0.054	0.022	0.042	0.018
5/17/2015		0.015				
5/18/2015	0.04		0.058	0.031	0.063	
5/19/2015						0.02
5/25/2015	0.036	0.014	0.051			
5/26/2015				0.028	0.057	0.02
6/8/2015	0.028	0.014				
6/9/2015			0.034	0.031	0.07	0.02
6/17/2015	0.026		0.032	0.029	0.065	0.019
6/18/2015		0.013				
6/24/2015	0.021	0.014				
6/25/2015			0.032	0.024	0.068	0.019
6/30/2015	0.018	0.014				
7/1/2015			0.029	0.026	0.069	0.018
7/6/2015	0.018	0.013				
7/7/2015			0.029	0.027	0.071	0.019
8/12/2015	<0.02	0.015 (J)	<0.02	<0.02	<0.02	<0.02
3/2/2016	0.017	0.015	0.0297	0.0276		
3/3/2016					0.0424	0.0259
5/3/2016	0.016	0.0144		0.0291	0.0477	
5/4/2016			0.0299			
5/9/2016						0.0236
7/8/2016	0.0156		0.0294			
7/11/2016		0.0145		0.0225	0.0506	0.0295
9/7/2016		0.014				
9/8/2016	0.0144		0.0275			
9/9/2016				0.018	0.0478	0.0259
10/26/2016	0.0128		0.0263	0.0177		0.0231
10/27/2016		0.0142			0.0472	
1/6/2017		0.0139				
1/9/2017	0.0134		0.0263	0.0183	0.0507	0.0273
3/15/2017			0.0262			0.0286
3/16/2017	0.0129	0.0145		0.0175	0.0497	
5/18/2017			0.0276	0.0203	0.0466	0.0253
5/19/2017	0.0141	0.0161				
9/15/2017			0.0281	0.0197		0.0247
9/18/2017					0.0436	
9/19/2017	0.0127	0.0153				
3/12/2018				0.023	0.041	
3/13/2018	0.013	0.015	0.034			0.031
9/6/2018			0.04			
9/7/2018				0.025	0.039	0.034
9/11/2018	0.013	0.015				
3/7/2019			0.039		0.033	0.042
3/8/2019	0.012			0.027		
3/12/2019		0.016				
9/4/2019						0.033
9/5/2019	0.013	0.014	0.034	0.024	0.032	
3/3/2020			0.031	0.023		
3/4/2020	0.013	0.015			0.029	0.039
9/4/2020				0.022	0.032	0.033

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/8/2020	0.012	0.013	0.035			
2/25/2021			0.034	0.028	0.034	0.032
2/26/2021	0.013	0.015				
7/27/2021			0.028			
7/28/2021				0.027	0.03	0.035
7/29/2021	0.013	0.015				
1/25/2022			0.031			
1/26/2022	0.013	0.014		0.026		0.032
1/27/2022					0.032	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	0.069					
9/17/2014		0.019	0.035	0.015	0.018	
9/18/2014						0.031
10/4/2014	0.057	0.02	0.038	<0.02	0.017	
10/5/2014						0.032
10/21/2014	0.056	0.02	0.034	0.027 (o)	0.017	
10/22/2014						0.03
11/5/2014			0.04		0.017	0.031
11/11/2014	0.05	0.021		0.028 (o)		
3/3/2015	0.045	0.02	0.033	0.034 (o)	0.016	
3/4/2015						0.026
3/18/2015	0.044	0.019	0.031	0.014		
3/19/2015					0.015	0.028
4/6/2015	0.045	0.02				
4/7/2015			0.038	0.017	0.017	0.031
4/23/2015	0.041	0.019	0.031	0.013		
4/24/2015					0.015	0.027
7/29/2015	0.043	0.02	0.045	0.013	0.016	
7/30/2015						0.032
3/3/2016	0.0806 (D)					
3/4/2016		0.0262 (Jo)				
3/7/2016			<3 (o)	0.0129	<3 (o)	
3/8/2016						0.0298
5/5/2016			0.0278	0.0149		
5/9/2016					0.0162	0.0304
5/10/2016	0.0495	0.0204				
7/13/2016	0.0374		0.0255	0.0132		
7/14/2016		0.0198			0.0142	0.0307
9/12/2016				0.0142	0.0154	0.0331
9/13/2016			0.0251			
9/14/2016		0.0183				
9/15/2016	0.0542					
10/31/2016			0.0277		0.015	0.0321
11/1/2016		0.0209		0.0127		
11/2/2016	0.0561					
1/11/2017	0.0401	0.0194		0.0146	0.0148	
1/12/2017			0.0258			0.0291
3/20/2017	0.0383			0.0147		
3/21/2017		0.0201			0.0159	
3/22/2017						0.025
3/23/2017			0.0254			
5/22/2017				0.0146	0.0155	0.0276
5/23/2017	0.0376	0.0199	0.0247			
9/19/2017						0.034
9/20/2017					0.0164	
9/21/2017	0.0418			0.0152		
9/22/2017		0.0195				
9/25/2017			0.0228			
3/14/2018	0.036	0.02	0.025	0.014	0.016	0.03
9/7/2018	0.047			0.015		
9/10/2018					0.016	0.028
9/11/2018		0.019	0.019			

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	0.044					
3/12/2019		0.021	0.014	0.014	0.016	0.03
9/6/2019				0.014		0.0275 (D)
9/9/2019	0.03		0.028		0.015	
9/10/2019		0.019				
3/4/2020	0.045				0.017	
3/5/2020		0.018		0.015		0.028
3/6/2020			0.015			
9/4/2020						0.033
9/9/2020	0.051	0.018	0.016	0.014	0.014	
2/26/2021			0.017	0.015	0.016	
3/9/2021	0.058					0.027
3/10/2021		0.019				
7/29/2021			0.016	0.015		
7/30/2021	0.045	0.019				
8/2/2021						0.03
8/5/2021					0.017	
1/27/2022				0.014	0.016	0.028
1/28/2022	0.049	0.018	0.044			

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				0.019	0.015
9/18/2014	0.023	0.057	0.042		
10/4/2014				0.019	0.015
10/5/2014	0.025	0.052	0.038		
10/22/2014	0.025	0.052	0.029		
10/23/2014				0.019	0.015
11/5/2014	0.025	<0.02	0.031		
11/10/2014				0.019	0.015
3/4/2015	0.024	0.046	0.03	0.021	0.016
3/19/2015	0.024	0.045			
3/20/2015			0.027	0.02	0.015
4/8/2015	0.027	0.045	0.032	0.023	
4/9/2015					0.016
4/23/2015			0.026	0.02	0.015
4/24/2015	0.025	0.039			
7/30/2015	0.025	0.039	0.029	0.021	0.015
3/4/2016				0.0422 (o)	
3/7/2016		0.026			
3/8/2016	0.0377				0.0161
3/9/2016			0.0284 (J)		
5/4/2016					0.0167
5/5/2016		0.0374		0.0249	
5/6/2016			0.0233		
5/9/2016	0.0347				
7/12/2016				0.0246	
7/14/2016		0.0271			
7/15/2016	0.0259		0.0208		
7/18/2016					0.0162
9/9/2016	0.0242				
9/12/2016		0.045			
9/13/2016				0.0236	0.0161
9/14/2016			0.0198		
10/27/2016	0.0227	0.0359		0.0229	0.016
11/1/2016			0.0207		
1/12/2017	0.0253				
1/13/2017		0.0338		0.0292	0.015
1/25/2017			0.0195		
3/16/2017					0.0163
3/20/2017		0.033		0.029	
3/21/2017	0.0292				
3/22/2017			0.0211		
5/19/2017				0.0295	0.0164
5/23/2017	0.0282	0.0287			
5/24/2017			0.0217		
9/19/2017	0.0276	0.0389		0.0248	0.0147
9/21/2017			0.0226		
3/13/2018		0.028		0.031	0.015
3/14/2018	0.024		0.024		
9/7/2018		0.055			
9/10/2018	0.016				
9/11/2018			0.023	0.024	0.015
3/8/2019				0.02	0.017

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	0.015	0.048			
3/12/2019			0.022		
9/5/2019		0.045		0.021 (D)	0.016
9/6/2019	0.041		0.021		
3/3/2020	0.022	0.044		0.02	0.015
3/5/2020			0.022		
9/4/2020					0.016
9/8/2020	0.015	0.054			
9/9/2020			0.036	0.024	
3/9/2021	0.014	0.045		0.021	0.016
3/10/2021			0.026		
7/29/2021				0.014	
7/30/2021			0.028		
8/2/2021	0.024	0.034			0.018
1/27/2022		0.06			0.017
1/28/2022	0.037		0.036	0.025	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	0.00011 (J)	0.0032				
9/16/2014			<0.0005	<0.0005		
10/3/2014	<0.0005	<0.0005	<0.0005	8.3E-05 (J)		
10/20/2014	<0.0005	0.0014	<0.0005	7.8E-05 (J)		
11/10/2014	<0.0005	<0.0005	<0.0005	8E-05 (J)		
3/2/2015	<0.0005	<0.0005	<0.0005	0.00034 (J)		
3/17/2015	0.0001 (J)	8.3E-05 (J)	<0.0005	0.00014 (J)		
4/5/2015	0.00012 (J)	0.00038 (J)	<0.0005			
4/6/2015				<0.0005		
4/21/2015	0.00033 (J)	0.0011 (J)				
4/22/2015			8.3E-05 (J)	7.8E-05 (J)		
5/8/2015					<0.0005	<0.0005
5/17/2015					0.00022 (J)	<0.0005
5/25/2015					<0.0005	<0.0005
6/8/2015					<0.0005	<0.0005
6/18/2015					<0.0005	<0.0005
6/24/2015					<0.0005	<0.0005
6/30/2015					<0.0005	<0.0005
7/6/2015					<0.0005	<0.0005
7/28/2015	0.00014 (J)	0.00092 (J)	<0.0005	<0.0005		
8/12/2015					<0.0005	<0.0005
2/29/2016						<0.0005
3/1/2016	<0.0005	<0.0005	<0.0005			
3/2/2016				<0.0005		
5/2/2016	<0.0005	<0.0005				
5/3/2016			<0.0005	<0.0005		
5/4/2016					<0.0005 (D)	<0.0005
7/6/2016		0.0002 (J)				
7/7/2016	0.0001 (J)			<0.0005	<0.0005 (D)	
7/8/2016			<0.0005			<0.0005
9/7/2016	0.0001 (J)	<0.0005	<0.0005			
9/8/2016				<0.0005	<0.0005 (D)	<0.0005
10/25/2016	<0.0005	<0.0005	<0.0005	<0.0005		
10/26/2016					<0.0005 (D)	<0.0005
1/5/2017	0.0001 (J)	0.0001 (J)				
1/6/2017			<0.0005		<0.0005 (D)	<0.0005
2/9/2017				<0.0005		
3/14/2017		0.0001 (J)	<0.0005			
3/15/2017	0.0002 (J)				<0.0005 (D)	<0.0005
3/23/2017				<0.0005		
5/16/2017		<0.0005	<0.0005			
5/17/2017	0.0002 (J)			<0.0005		<0.0005
5/18/2017					<0.0005 (D)	
7/19/2017					<0.0005 (D)	
9/15/2017	0.0002 (J)	<0.0005	<0.0005			<0.0005
9/19/2017				<0.0005	<0.0005 (D)	
3/12/2018	0.00017 (J)	5.6E-05 (J)	<0.0005			
3/13/2018				<0.0005	<0.0005	<0.0005
9/6/2018	0.00015 (J)	<0.0005	<0.0005	<0.0005		<0.0005
9/7/2018					<0.0005	
3/6/2019	0.00029 (J)		<0.0005			
3/7/2019		6.8E-05 (J)		<0.0005		<0.0005

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					<0.0005	
9/4/2019	0.00016 (J)	<0.0005	<0.0005	<0.0005 (D)	<0.0005	<0.0005
3/2/2020	0.00024 (J)	0.00015 (J)	<0.0005	<0.0005		<0.0005
3/3/2020					<0.0005	
9/3/2020	0.0002 (J)		<0.0005	<0.0005		<0.0005
9/9/2020					<0.0005	
9/14/2020		0.00012 (J)				
2/24/2021	0.00022 (J)		<0.0005	<0.0005		<0.0005
2/25/2021					<0.0005	
3/26/2021		0.00019 (J)				
7/27/2021		8.1E-05 (J)				9.7E-05 (J)
7/28/2021			<0.0005	<0.0005	<0.0005	
8/6/2021	6.3E-05 (J)					
1/25/2022				<0.0005		<0.0005
1/26/2022		<0.0005	<0.0005		<0.0005	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.0005				
5/9/2015	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
5/17/2015		<0.0005				
5/18/2015	<0.0005		<0.0005	<0.0005	0.00011 (J)	
5/19/2015						<0.0005
5/25/2015	<0.0005	<0.0005	<0.0005			
5/26/2015				<0.0005	<0.0005	<0.0005
6/8/2015	<0.0005	<0.0005				
6/9/2015			<0.0005	<0.0005	0.00025 (J)	<0.0005
6/17/2015	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
6/18/2015		<0.0005				
6/24/2015	<0.0005	<0.0005				
6/25/2015			<0.0005	<0.0005	<0.0005	<0.0005
6/30/2015	<0.0005	0.00014 (J)				
7/1/2015			<0.0005	<0.0005	0.00024 (J)	<0.0005
7/6/2015	<0.0005	<0.0005				
7/7/2015			<0.0005	0.00012 (J)	<0.0005	<0.0005
8/12/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/2/2016	<0.0005	<0.0005	<0.0005	<0.0005		
3/3/2016					<0.0005	<0.0005
5/3/2016	<0.0005	<0.0005		<0.0005	<0.0005	
5/4/2016			<0.0005			
5/9/2016						<0.0005
7/8/2016	<0.0005		<0.0005			
7/11/2016		<0.0005		<0.0005	<0.0005	0.0001 (J)
9/7/2016		<0.0005				
9/8/2016	<0.0005		<0.0005			
9/9/2016				<0.0005	<0.0005	<0.0005
10/26/2016	<0.0005		<0.0005	<0.0005		<0.0005
10/27/2016		<0.0005			<0.0005	
1/6/2017		<0.0005				
1/9/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
3/15/2017			<0.0005			<0.0005
3/16/2017	<0.0005	<0.0005		<0.0005	<0.0005	
5/18/2017			<0.0005	<0.0005	<0.0005	<0.0005
5/19/2017	<0.0005	<0.0005				
9/15/2017			<0.0005	<0.0005		<0.0005
9/18/2017					<0.0005	
9/19/2017	<0.0005	<0.0005				
3/12/2018				<0.0005	<0.0005	
3/13/2018	<0.0005	<0.0005	<0.0005			<0.0005
9/6/2018			<0.0005			
9/7/2018				<0.0005	<0.0005	<0.0005
9/11/2018	<0.0005	<0.0005				
3/7/2019			<0.0005		<0.0005	<0.0005
3/8/2019	5.7E-05 (J)			<0.0005		
3/12/2019		<0.0005				
9/4/2019						<0.0005
9/5/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/3/2020			<0.0005	<0.0005		
3/4/2020	<0.0005	<0.0005			<0.0005	<0.0005
9/4/2020				<0.0005	<0.0005	<0.0005

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/8/2020	5.5E-05 (J)	<0.0005	<0.0005			
2/25/2021			<0.0005	<0.0005	<0.0005	<0.0005
2/26/2021	5.1E-05 (J)	<0.0005				
7/27/2021			<0.0005			
7/28/2021				<0.0005	<0.0005	<0.0005
7/29/2021	9E-05 (J)	<0.0005				
1/25/2022			<0.0005			
1/26/2022	7E-05 (J)	<0.0005		<0.0005		<0.0005
1/27/2022				<0.0005		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	<0.0005					
9/17/2014		<0.0005	<0.0005	7.8E-05 (J)	<0.0005	
9/18/2014						<0.0005
10/4/2014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/5/2014						<0.0005
10/21/2014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/22/2014						<0.0005
11/5/2014			9E-05 (J)		<0.0005	<0.0005
11/11/2014	<0.0005	<0.0005		<0.0005		
3/3/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/4/2015						<0.0005
3/18/2015	<0.0005	<0.0005	<0.0005	<0.0005		
3/19/2015					<0.0005	<0.0005
4/6/2015	<0.0005	<0.0005				
4/7/2015			<0.0005	<0.0005	<0.0005	<0.0005
4/23/2015	<0.0005	<0.0005	7.8E-05 (J)	<0.0005		
4/24/2015					<0.0005	8.3E-05 (J)
7/29/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
7/30/2015						<0.0005
3/3/2016	<0.0005 (D)					
3/4/2016		<0.0005				
3/7/2016			<0.0005	<0.0005	<0.0005	
3/8/2016						<0.0005
5/5/2016			<0.0005	<0.0005		
5/9/2016					<0.0005	<0.0005
5/10/2016	<0.0005	<0.0005				
7/13/2016	<0.0005		<0.0005	<0.0005		
7/14/2016		<0.0005			<0.0005	<0.0005
9/12/2016				<0.0005	<0.0005	<0.0005
9/13/2016			<0.0005			
9/14/2016		<0.0005				
9/15/2016	<0.0005					
10/31/2016			<0.0005		<0.0005	<0.0005
11/1/2016		<0.0005		<0.0005		
11/2/2016	<0.0005					
1/11/2017	<0.0005	<0.0005		<0.0005	<0.0005	
1/12/2017			<0.0005			<0.0005
3/20/2017	<0.0005			<0.0005		
3/21/2017		<0.0005			<0.0005	
3/22/2017						<0.0005
3/23/2017			<0.0005			
5/22/2017				<0.0005	<0.0005	<0.0005
5/23/2017	<0.0005	<0.0005	<0.0005			
9/19/2017						<0.0005
9/20/2017					0.0001 (J)	
9/21/2017	<0.0005			<0.0005		
9/22/2017		<0.0005				
9/25/2017			<0.0005			
3/14/2018	<0.0005	<0.0005	<0.0005	0.00011 (J)	6.5E-05 (J)	<0.0005
9/7/2018	<0.0005			<0.0005		
9/10/2018					<0.0005	<0.0005
9/11/2018		<0.0005	<0.0005			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	<0.0005					
3/12/2019		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/6/2019				<0.0005		<0.0005 (D)
9/9/2019	<0.0005		<0.0005		<0.0005	
9/10/2019		<0.0005				
3/4/2020	<0.0005				0.00013 (J)	
3/5/2020		<0.0005		0.00013 (J)		<0.0005
3/6/2020			<0.0005			
9/4/2020						<0.0005
9/9/2020	<0.0005	<0.0005	<0.0005	0.0002 (J)	<0.0005	
2/26/2021			<0.0005	0.0002 (J)	<0.0005	
3/9/2021	<0.0005					<0.0005
3/10/2021		<0.0005				
7/29/2021			<0.0005	0.00015 (J)		
7/30/2021	<0.0005	<0.0005				
8/2/2021						<0.0005
8/5/2021					9.9E-05 (J)	
1/27/2022				5.5E-05 (J)	<0.0005	<0.0005
1/28/2022	<0.0005	<0.0005	<0.0005			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.0005	<0.0005
9/18/2014	<0.0005	<0.0005	<0.0005		
10/4/2014				<0.0005	<0.0005
10/5/2014	<0.0005	<0.0005	<0.0005		
10/22/2014	<0.0005	<0.0005	<0.0005		
10/23/2014				<0.0005	<0.0005
11/5/2014	<0.0005	<0.0005	<0.0005		
11/10/2014				<0.0005	<0.0005
3/4/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/19/2015	<0.0005	<0.0005			
3/20/2015			<0.0005	<0.0005	<0.0005
4/8/2015	<0.0005	<0.0005	<0.0005	<0.0005	
4/9/2015					<0.0005
4/23/2015			<0.0005	<0.0005	<0.0005
4/24/2015	<0.0005	<0.0005			
7/30/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/4/2016				<0.0005	
3/7/2016		<0.0005			
3/8/2016	<0.0005				<0.0005
3/9/2016			<0.0005		
5/4/2016					<0.0005
5/5/2016		<0.0005		<0.0005	
5/6/2016			<0.0005		
5/9/2016	<0.0005				
7/12/2016				<0.0005	
7/14/2016		<0.0005			
7/15/2016	<0.0005		<0.0005		
7/18/2016					<0.0005
9/9/2016	<0.0005				
9/12/2016		<0.0005			
9/13/2016				<0.0005	<0.0005
9/14/2016			<0.0005		
10/27/2016	<0.0005	<0.0005		<0.0005	<0.0005
11/1/2016			<0.0005		
1/12/2017	<0.0005				
1/13/2017		<0.0005		<0.0005	<0.0005
1/25/2017			<0.0005		
3/16/2017					<0.0005
3/20/2017		<0.0005		<0.0005	
3/21/2017	<0.0005				
3/22/2017			<0.0005		
5/19/2017				<0.0005	<0.0005
5/23/2017	<0.0005	<0.0005			
5/24/2017			<0.0005		
9/19/2017	<0.0005	<0.0005		<0.0005	<0.0005
9/21/2017			<0.0005		
3/13/2018		<0.0005		<0.0005	<0.0005
3/14/2018	<0.0005		<0.0005		
9/7/2018		<0.0005			
9/10/2018	<0.0005				
9/11/2018			<0.0005	<0.0005	<0.0005
3/8/2019				<0.0005	<0.0005

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	<0.0005	<0.0005			
3/12/2019			<0.0005		
9/5/2019		<0.0005		<0.0005 (D)	<0.0005
9/6/2019	<0.0005		<0.0005		
3/3/2020	<0.0005	<0.0005		<0.0005	<0.0005
3/5/2020			<0.0005		
9/4/2020					<0.0005
9/8/2020	<0.0005	<0.0005			
9/9/2020			<0.0005	<0.0005	
3/9/2021	<0.0005	<0.0005		<0.0005	<0.0005
3/10/2021			<0.0005		
7/29/2021				<0.0005	
7/30/2021			<0.0005		
8/2/2021	<0.0005	<0.0005			<0.0005
1/27/2022		<0.0005			<0.0005
1/28/2022	<0.0005		<0.0005	<0.0005	

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
2/29/2016						<0.04
3/1/2016	<0.04	<0.04	<0.04			
3/2/2016				<0.04		
5/2/2016	<0.04	<0.04				
5/3/2016			<0.04	<0.04		
5/4/2016					<0.04 (D)	<0.04
7/6/2016		0.0059 (J)				
7/7/2016	0.0081 (J)			<0.04	0.0096 (JD)	
7/8/2016			0.0067 (J)			0.009 (J)
9/7/2016	<0.04	<0.04	0.0084 (J)			
9/8/2016				<0.04	0.0137 (JD)	<0.04
10/25/2016	0.0071 (J)	0.0077 (J)	0.0089 (J)	<0.04		
10/26/2016					0.0247 (JD)	0.0077 (J)
1/5/2017	<0.04	0.0074 (J)				
1/6/2017			<0.04		0.0082 (JD)	0.0084 (J)
2/9/2017				<0.04		
3/14/2017		0.0062 (J)	<0.04			
3/15/2017	<0.04				<0.04 (D)	<0.04
3/23/2017				<0.04		
5/16/2017		<0.04	<0.04			
5/17/2017	<0.04			<0.04		<0.04
5/18/2017					0.0076 (JD)	
7/19/2017					0.0193 (JD)	
9/15/2017	<0.04	<0.04	<0.04			<0.04
9/19/2017				<0.04	0.0132 (JD)	
3/12/2018	<0.04	0.0082 (J)	0.004 (J)			
3/13/2018				<0.04	0.013 (J)	0.0084 (J)
9/6/2018	<0.04	<0.04	<0.04	<0.04		<0.04
9/7/2018					<0.04	
3/6/2019	<0.04		<0.04			
3/7/2019		0.0049 (J)		<0.04		<0.04
3/8/2019					0.0085 (J)	
9/4/2019	<0.04	<0.04	<0.04	<0.04 (D)	0.01 (J)	<0.04
3/2/2020	0.01 (J)	0.014 (J)	0.0052 (J)	<0.04		0.007 (J)
3/3/2020					0.0096 (J)	
9/3/2020	<0.04		<0.04	<0.04		<0.04
9/9/2020					0.0054 (J)	
9/14/2020		0.0065 (J)				
2/24/2021	0.0062 (J)		<0.04	<0.04		0.0099 (J)
2/25/2021					0.0052 (J)	
3/26/2021		0.019 (J)				
7/27/2021		0.013 (J)				0.021 (J)
7/28/2021			<0.04	<0.04	<0.04	
8/6/2021	<0.04					
1/25/2022				<0.04		<0.04
1/26/2022		0.012 (J)	<0.04		0.0088 (J)	

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
3/2/2016	<0.04	<0.04	<0.04	<0.04		
3/3/2016					<0.04	<0.04
5/3/2016	<0.04	<0.04		<0.04	<0.04	
5/4/2016			<0.04			
5/9/2016						<0.04
7/8/2016	<0.04		0.0046 (J)			
7/11/2016		<0.04		0.0054 (J)	0.0047 (J)	0.0128 (J)
9/7/2016		<0.04				
9/8/2016	<0.04		0.0081 (J)			
9/9/2016				<0.04	<0.04	0.0158 (J)
10/26/2016	0.0095 (J)		0.0088 (J)	0.0144 (J)		0.0257 (J)
10/27/2016		0.0148 (J)			0.0108 (J)	
1/6/2017		<0.04				
1/9/2017	<0.04		<0.04	<0.04	<0.04	0.0219 (J)
3/15/2017			<0.04			0.0253 (J)
3/16/2017	<0.04	<0.04		<0.04	<0.04	
5/18/2017			<0.04	<0.04	<0.04	0.0249 (J)
5/19/2017	<0.04	<0.04				
9/15/2017			<0.04	<0.04		<0.04
9/18/2017					<0.04	
9/19/2017	<0.04	<0.04				
3/12/2018				0.0055 (J)	0.0041 (J)	
3/13/2018	<0.04	<0.04	0.0053 (J)			0.024 (J)
9/6/2018			<0.04			
9/7/2018				<0.04	<0.04	0.024 (J)
9/11/2018	<0.04	<0.04				
3/7/2019			<0.04		<0.04	0.02 (J)
3/8/2019	<0.04			0.0056 (J)		
3/12/2019		<0.04				
9/4/2019						0.015 (J)
9/5/2019	<0.04	<0.04	<0.04	<0.04	<0.04	
3/3/2020			0.0084 (J)	0.01 (J)		
3/4/2020	0.0064 (J)	<0.04			0.0063 (J)	0.022 (J)
9/4/2020				0.0053 (J)	<0.04	0.015 (J)
9/8/2020	0.0072 (J)	<0.04	<0.04			
2/25/2021			<0.04	0.0075 (J)	0.0055 (J)	0.017 (J)
2/26/2021	<0.04	<0.04				
7/27/2021			<0.04			
7/28/2021				<0.04	<0.04	0.016 (J)
7/29/2021	<0.04	<0.04				
1/25/2022			<0.04			
1/26/2022	<0.04	<0.04		<0.04		0.014 (J)
1/27/2022					<0.04	

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/3/2016	<0.04 (D)					
3/4/2016		<0.04				
3/7/2016			<0.04	<0.04	<0.04	
3/8/2016						<0.04
5/5/2016			<0.04	<0.04		
5/9/2016					<0.04	<0.04
5/10/2016	<0.04	<0.04				
7/13/2016	0.0297 (J)		0.0047 (J)	0.0159 (J)		
7/14/2016		0.0069 (J)			0.0045 (J)	<0.04
9/12/2016				<0.04	<0.04	<0.04
9/13/2016			<0.04			
9/14/2016		<0.04				
9/15/2016	<0.04					
10/31/2016			0.0111 (J)		0.0086 (J)	0.007 (J)
11/1/2016		<0.04		<0.04		
11/2/2016	<0.04					
1/11/2017	<0.04	0.0078 (J)		<0.04	<0.04	
1/12/2017			<0.04			<0.04
3/20/2017	0.0092 (J)			<0.04		
3/21/2017		<0.04			<0.04	
3/22/2017						<0.04
3/23/2017			<0.04			
5/22/2017				0.0452	<0.04	<0.04
5/23/2017	<0.04	<0.04	<0.04			
9/19/2017						<0.04
9/20/2017					<0.04	
9/21/2017	<0.04			<0.04		
9/22/2017		<0.04				
9/25/2017			<0.04			
3/14/2018	0.0065 (J)	0.0051 (J)	<0.04	<0.04	0.0076 (J)	<0.04
9/7/2018	<0.04			<0.04		
9/10/2018					<0.04	<0.04
9/11/2018		<0.04	<0.04			
3/11/2019	0.013 (J)					
3/12/2019		0.0099 (J)	<0.04	<0.04	<0.04	0.0045 (J)
9/6/2019				<0.04		0.02365 (D)
9/9/2019	<0.04		<0.04		<0.04	
9/10/2019		<0.04				
3/4/2020	0.027 (J)				<0.04	
3/5/2020		<0.04		<0.04		<0.04
3/6/2020			<0.04			
9/4/2020						<0.04
9/9/2020	0.012 (J)	<0.04	<0.04	<0.04	<0.04	
2/26/2021			<0.04	<0.04	<0.04	
3/9/2021	0.028 (J)					<0.04
3/10/2021		<0.04				
7/29/2021			<0.04	<0.04		
7/30/2021	0.017 (J)	<0.04				
8/2/2021						<0.04
8/5/2021					<0.04	
1/27/2022				<0.04	<0.04	<0.04
1/28/2022	0.021 (J)	<0.04	<0.04			

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/4/2016				<0.04	
3/7/2016		<0.04			
3/8/2016	<0.04				<0.04
3/9/2016			<0.04		
5/4/2016					<0.04
5/5/2016		<0.04		<0.04	
5/6/2016			0.0271 (J)		
5/9/2016	<0.04				
7/12/2016				0.005 (J)	
7/14/2016		0.0047 (J)			
7/15/2016	<0.04		0.0055 (J)		
7/18/2016					<0.04
9/9/2016	<0.04				
9/12/2016		<0.04			
9/13/2016				<0.04	<0.04
9/14/2016			0.0094 (J)		
10/27/2016	0.0103 (J)	0.0153 (J)		0.0093 (J)	0.0162 (J)
11/1/2016			0.008 (J)		
1/12/2017	<0.04				
1/13/2017		<0.04		<0.04	<0.04
1/25/2017			<0.04		
3/16/2017					<0.04
3/20/2017		<0.04		<0.04	
3/21/2017	<0.04				
3/22/2017			<0.04		
5/19/2017				<0.04	<0.04
5/23/2017	<0.04	<0.04			
5/24/2017			0.0133 (J)		
9/19/2017	<0.04	<0.04		<0.04	<0.04
9/21/2017			<0.04		
3/13/2018		<0.04		0.0042 (J)	<0.04
3/14/2018	0.0053 (J)		0.0056 (J)		
9/7/2018		<0.04			
9/10/2018	<0.04				
9/11/2018			<0.04	<0.04	<0.04
3/8/2019				<0.04	<0.04
3/11/2019	0.005 (J)	<0.04			
3/12/2019			0.0047 (J)		
9/5/2019		<0.04		<0.04 (D)	<0.04
9/6/2019	<0.04		<0.04		
3/3/2020	0.0096 (J)	0.0066 (J)		<0.04	<0.04
3/5/2020			<0.04		
9/4/2020					<0.04
9/8/2020	0.014 (J)	0.0084 (J)			
9/9/2020			<0.04	<0.04	
3/9/2021	0.015 (J)	0.0058 (J)		<0.04	<0.04
3/10/2021			<0.04		
7/29/2021				<0.04	
7/30/2021			<0.04		
8/2/2021	0.017 (J)	<0.04			<0.04
1/27/2022		<0.04			<0.04
1/28/2022	0.011 (J)		<0.04	<0.04	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	0.00035 (J)	0.001 (J)				
9/16/2014			<0.0005	<0.0005		
10/3/2014	<0.0005	<0.0005	<0.0005	<0.0005		
10/20/2014	<0.0005	0.00036 (J)	<0.0005	<0.0005		
11/10/2014	0.00033 (J)	<0.0005	0.00026 (J)	<0.0005		
3/2/2015	<0.0005	<0.0005	<0.0005	0.00035 (J)		
3/17/2015	0.00057 (J)	<0.0005	<0.0005	<0.0005		
4/5/2015	0.00068 (J)	<0.0005	<0.0005			
4/6/2015				<0.0005		
4/21/2015	0.0011 (J)	0.00044 (J)				
4/22/2015			<0.0005	<0.0005		
5/8/2015					<0.0005	<0.0005
5/17/2015					0.00029 (J)	<0.0005
5/25/2015					<0.0005	<0.0005
6/8/2015					<0.0005	<0.0005
6/18/2015					<0.0005	<0.0005
6/24/2015					<0.0005	<0.0005
6/30/2015					<0.0005	<0.0005
7/6/2015					<0.0005	<0.0005
7/28/2015	0.00073 (J)	0.00027 (J)	<0.0005	<0.0005		
8/12/2015					<0.0005	<0.0005
2/29/2016						<0.0005
3/1/2016	0.00103	0.000207 (J)	0.000103 (J)			
3/2/2016				0.000109 (J)		
5/2/2016	0.000846 (J)	0.000154 (J)				
5/3/2016			<0.0005	<0.0005		
5/4/2016					<0.0005 (D)	<0.0005
7/6/2016		0.0002 (J)				
7/7/2016	0.0007 (J)			<0.0005	<0.0005 (D)	
7/8/2016			<0.0005			<0.0005
9/7/2016	0.0007 (J)	0.0002 (J)	<0.0005			
9/8/2016				0.0001 (J)	<0.0005 (D)	<0.0005
10/25/2016	0.0007 (J)	0.0002 (J)	<0.0005	<0.0005		
10/26/2016					<0.0005 (D)	<0.0005
1/5/2017	0.0008 (J)	<0.0005				
1/6/2017			<0.0005		<0.0005 (D)	<0.0005
2/9/2017				0.0001 (J)		
3/14/2017		<0.0005	<0.0005			
3/15/2017	0.0013				0.00055 (D)	<0.0005
3/23/2017				0.0001 (J)		
5/16/2017		0.0001 (J)	<0.0005			
5/17/2017	0.001			0.0001 (J)		<0.0005
5/18/2017					<0.0005 (D)	
7/19/2017					<0.0005 (D)	
9/15/2017	0.0011	<0.0005	<0.0005			<0.0005
9/19/2017				<0.0005	<0.0005 (D)	
3/12/2018	0.0011	0.00013 (J)	<0.0005			
3/13/2018				<0.0005	<0.0005	<0.0005
9/6/2018	0.00086 (J)	0.00011 (J)	<0.0005	<0.0005		<0.0005
9/7/2018					<0.0005	
3/6/2019	0.0013		9.3E-05 (J)			
3/7/2019		0.00017 (J)		<0.0005		<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					<0.0005	
9/4/2019	0.00088 (J)	0.00016 (J)	<0.0005	<0.0005 (D)	<0.0005	<0.0005
3/2/2020	0.0012 (J)	0.00018 (J)	<0.0005	<0.0005		<0.0005
3/3/2020					<0.0005	
9/3/2020	0.00089 (J)		<0.0005	<0.0005		<0.0005
9/9/2020					<0.0005	
9/14/2020		0.00016 (J)				
2/24/2021	0.0012		<0.0005	<0.0005		<0.0005
2/25/2021					<0.0005	
3/26/2021		0.00015 (J)				
7/27/2021		0.00014 (J)				<0.0005
7/28/2021			0.00025 (J)	<0.0005	<0.0005	
8/6/2021	0.00055					
1/25/2022				<0.0005		<0.0005
1/26/2022		<0.0005	<0.0005		<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.0005				
5/9/2015	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
5/17/2015		<0.0005				
5/18/2015	<0.0005		<0.0005	<0.0005	<0.0005	
5/19/2015						<0.0005
5/25/2015	<0.0005	<0.0005	<0.0005			
5/26/2015				<0.0005	<0.0005	<0.0005
6/8/2015	<0.0005	<0.0005				
6/9/2015			<0.0005	<0.0005	<0.0005	<0.0005
6/17/2015	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
6/18/2015		<0.0005				
6/24/2015	<0.0005	<0.0005				
6/25/2015			<0.0005	<0.0005	<0.0005	<0.0005
6/30/2015	<0.0005	<0.0005				
7/1/2015			<0.0005	<0.0005	<0.0005	<0.0005
7/6/2015	<0.0005	<0.0005				
7/7/2015			<0.0005	<0.0005	<0.0005	<0.0005
8/12/2015	<0.0005	<0.0005	<0.0005			
8/13/2015				<0.0005	<0.0005	<0.0005
3/2/2016	<0.0005	<0.0005	<0.0005	<0.0005		
3/3/2016					<0.0005	<0.0005
5/3/2016	<0.0005	<0.0005		<0.0005	<0.0005	
5/4/2016			<0.0005			
5/9/2016						<0.0005
7/8/2016	<0.0005		<0.0005			
7/11/2016		<0.0005		<0.0005	<0.0005	<0.0005
9/7/2016		<0.0005				
9/8/2016	<0.0005		<0.0005			
9/9/2016				<0.0005	<0.0005	<0.0005
10/26/2016	<0.0005		<0.0005	<0.0005		<0.0005
10/27/2016		<0.0005			<0.0005	
1/6/2017		<0.0005				
1/9/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
3/15/2017			<0.0005			<0.0005
3/16/2017	<0.0005	<0.0005		<0.0005	<0.0005	
5/18/2017			<0.0005	<0.0005	<0.0005	<0.0005
5/19/2017	<0.0005	<0.0005				
9/15/2017			<0.0005	<0.0005		<0.0005
9/18/2017					<0.0005	
9/19/2017	<0.0005	<0.0005				
3/12/2018				<0.0005	<0.0005	
3/13/2018	<0.0005	<0.0005	<0.0005			<0.0005
9/6/2018			<0.0005			
9/7/2018				<0.0005	<0.0005	<0.0005
9/11/2018	<0.0005	<0.0005				
3/7/2019			<0.0005		<0.0005	<0.0005
3/8/2019	<0.0005			<0.0005		
3/12/2019		<0.0005				
9/4/2019						<0.0005
9/5/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/3/2020			<0.0005	<0.0005		
3/4/2020	<0.0005	<0.0005			<0.0005	<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/4/2020				<0.0005	<0.0005	<0.0005
9/8/2020	<0.0005	<0.0005	<0.0005			
2/25/2021			<0.0005	<0.0005	<0.0005	<0.0005
2/26/2021	<0.0005	<0.0005				
7/27/2021			<0.0005			
7/28/2021				<0.0005	<0.0005	<0.0005
7/29/2021	<0.0005	<0.0005				
1/25/2022			<0.0005			
1/26/2022	<0.0005	<0.0005		<0.0005		<0.0005
1/27/2022					<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	<0.0005					
9/17/2014		<0.0005	<0.0005	<0.0005	<0.0005	
9/18/2014						<0.0005
10/4/2014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/5/2014						<0.0005
10/21/2014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/22/2014						<0.0005
11/5/2014			<0.0005		<0.0005	<0.0005
11/11/2014	<0.0005	<0.0005		<0.0005		
3/3/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/4/2015						<0.0005
3/18/2015	<0.0005	<0.0005	<0.0005	<0.0005		
3/19/2015					<0.0005	<0.0005
4/6/2015	<0.0005	<0.0005				
4/7/2015			<0.0005	<0.0005	<0.0005	<0.0005
4/23/2015	<0.0005	<0.0005	<0.0005	<0.0005		
4/24/2015					<0.0005	<0.0005
7/29/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
7/30/2015						<0.0005
3/3/2016	<0.0005 (D)					
3/4/2016		<0.0005				
3/7/2016			<0.0005	<0.0005	<0.0005	
3/8/2016						<0.0005
5/5/2016			<0.0005	<0.0005		
5/9/2016					<0.0005	<0.0005
5/10/2016	<0.0005	<0.0005				
7/13/2016	<0.0005		<0.0005	<0.0005		
7/14/2016		<0.0005			<0.0005	<0.0005
9/12/2016				<0.0005	<0.0005	<0.0005
9/13/2016			<0.0005			
9/14/2016		<0.0005				
9/15/2016	<0.0005					
10/31/2016			8E-05 (J)		<0.0005	<0.0005
11/1/2016		<0.0005		<0.0005		
11/2/2016	<0.0005					
1/11/2017	<0.0005	<0.0005		<0.0005	<0.0005	
1/12/2017			<0.0005			<0.0005
3/20/2017	<0.0005			<0.0005		
3/21/2017		<0.0005			<0.0005	
3/22/2017						<0.0005
3/23/2017			<0.0005			
5/22/2017				<0.0005	<0.0005	<0.0005
5/23/2017	<0.0005	<0.0005	<0.0005			
9/19/2017						<0.0005
9/20/2017					<0.0005	
9/21/2017	<0.0005			<0.0005		
9/22/2017		<0.0005				
9/25/2017			<0.0005			
3/14/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/7/2018	<0.0005			<0.0005		
9/10/2018					<0.0005	<0.0005
9/11/2018		<0.0005	<0.0005			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	<0.0005					
3/12/2019		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/6/2019				<0.0005		<0.0005 (D)
9/9/2019	<0.0005		<0.0005		<0.0005	
9/10/2019		<0.0005				
3/4/2020	<0.0005				<0.0005	
3/5/2020		<0.0005		<0.0005		<0.0005
3/6/2020			<0.0005			
9/4/2020						<0.0005
9/9/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
2/26/2021			<0.0005	<0.0005	<0.0005	
3/9/2021	<0.0005					<0.0005
3/10/2021		<0.0005				
7/29/2021			<0.0005	<0.0005		
7/30/2021	<0.0005	<0.0005				
8/2/2021						<0.0005
8/5/2021					<0.0005	
1/27/2022				<0.0005	<0.0005	<0.0005
1/28/2022	<0.0005	<0.0005	<0.0005			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.0005	<0.0005
9/18/2014	<0.0005	<0.0005	<0.0005		
10/4/2014				<0.0005	<0.0005
10/5/2014	<0.0005	<0.0005	<0.0005		
10/22/2014	<0.0005	<0.0005	<0.0005		
10/23/2014				<0.0005	<0.0005
11/5/2014	<0.0005	<0.0005	<0.0005		
11/10/2014				<0.0005	<0.0005
3/4/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/19/2015	<0.0005	<0.0005			
3/20/2015			<0.0005	<0.0005	<0.0005
4/8/2015	<0.0005	<0.0005	<0.0005	<0.0005	
4/9/2015					<0.0005
4/23/2015			<0.0005	<0.0005	<0.0005
4/24/2015	<0.0005	<0.0005			
7/30/2015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/4/2016				<0.0005	
3/7/2016		<0.0005			
3/8/2016	<0.0005				<0.0005
3/9/2016			<0.0005		
5/4/2016					<0.0005
5/5/2016		<0.0005		<0.0005	
5/6/2016			<0.0005		
5/9/2016	<0.0005				
7/12/2016				<0.0005	
7/14/2016		<0.0005			
7/15/2016	<0.0005		<0.0005		
7/18/2016					<0.0005
9/9/2016	<0.0005				
9/12/2016		<0.0005			
9/13/2016				<0.0005	<0.0005
9/14/2016			<0.0005		
10/27/2016	<0.0005	<0.0005		<0.0005	<0.0005
11/1/2016			<0.0005		
1/12/2017	<0.0005				
1/13/2017		8E-05 (J)		<0.0005	0.0001 (J)
1/25/2017			<0.0005		
3/16/2017					<0.0005
3/20/2017		<0.0005		<0.0005	
3/21/2017	<0.0005				
3/22/2017			<0.0005		
5/19/2017				<0.0005	<0.0005
5/23/2017	<0.0005	<0.0005			
5/24/2017			<0.0005		
9/19/2017	<0.0005	<0.0005		<0.0005	<0.0005
9/21/2017			<0.0005		
3/13/2018		<0.0005		<0.0005	<0.0005
3/14/2018	<0.0005		<0.0005		
9/7/2018		<0.0005			
9/10/2018	0.00021 (J)				
9/11/2018			<0.0005	<0.0005	<0.0005
3/8/2019				<0.0005	<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	<0.0005	<0.0005			
3/12/2019			<0.0005		
9/5/2019		<0.0005		<0.0005 (D)	<0.0005
9/6/2019	<0.0005		<0.0005		
3/3/2020	<0.0005	<0.0005		<0.0005	<0.0005
3/5/2020			<0.0005		
9/4/2020					<0.0005
9/8/2020	<0.0005	<0.0005			
9/9/2020			<0.0005	<0.0005	
3/9/2021	<0.0005	<0.0005		<0.0005	<0.0005
3/10/2021			<0.0005		
7/29/2021				<0.0005	
7/30/2021			<0.0005		
8/2/2021	<0.0005	<0.0005			<0.0005
1/27/2022		<0.0005			<0.0005
1/28/2022	<0.0005		<0.0005	<0.0005	

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
2/29/2016						30
3/1/2016	20	32	0.98			
3/2/2016				2		
5/2/2016	19.6	30				
5/3/2016			1.12	2.68		
5/4/2016					43.4 (D)	30
7/6/2016		29.2				
7/7/2016	19.3			2.21	40.1 (D)	
7/8/2016			1			30.1
9/7/2016	19.9	28.4	0.858			
9/8/2016				1.8	37.1 (D)	26.8
10/25/2016	19.3	30.8	0.859	1.15		
10/26/2016					38.8 (D)	26.9
1/5/2017	21	32.6				
1/6/2017			1		39.6 (D)	27.6
2/9/2017				0.495 (J)		
3/14/2017		29.1	0.844			
3/15/2017	13.4				36.1 (D)	26.2
3/23/2017				0.543		
5/16/2017		28.5	0.922			
5/17/2017	16.8			0.889		27.6
5/18/2017					40.1 (D)	
7/19/2017					46.9 (D)	
9/15/2017	13.9	29.1	0.85			27.7
9/19/2017				1.28	47.7 (D)	
3/12/2018	11.8 (J)	30.6	0.81			
3/13/2018				1.4	46.1 (D)	26.2
9/6/2018	13.5 (J)	26.1	0.79	1.6		27.9
9/7/2018					44.2	
3/6/2019	11.2 (J)		0.78			
3/7/2019		28		2.6		29.5
3/8/2019					46.6	
9/4/2019	13.3	27.9	0.76	1.65 (D)	40.7	28.1
3/2/2020	12.5	35.2	0.77 (J)	2.5		33.7
3/3/2020					47.6	
9/3/2020	15.7		0.73 (J)	1		28.9
9/9/2020					44.1	
9/14/2020		32.4				
2/24/2021	13.6		0.71 (J)	1.2		37.1
2/25/2021					49.8	
3/26/2021		30.1				
7/27/2021		35.7				36.8
7/28/2021			0.75 (J)	1.1	47.1	
8/6/2021	19.5					
1/25/2022				1.1		28.6
1/26/2022		41	0.7 (J)		50.5	

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
3/2/2016	29	29	27	38		
3/3/2016					36	36
5/3/2016	31.2	31		48.7	39.1	
5/4/2016			27.6			
5/9/2016						39
7/8/2016	30		25.7			
7/11/2016		28.2		34.8	31.6	35.7
9/7/2016		27.6				
9/8/2016	28.6		26.3			
9/9/2016				32.1	29.8	32
10/26/2016	25.5		24	32.9		28.5
10/27/2016		26.5			28.9	
1/6/2017		26				
1/9/2017	26.1		24.1	32.5	27.9	27.5
3/15/2017			24.1			24.8
3/16/2017	26.7	26.6		30.8	28.2	
5/18/2017			26.7	37.2	31.3	26.9
5/19/2017	29.2	30.9				
9/15/2017			25.1	38.5		19.6
9/18/2017					29.7	
9/19/2017	26.9	28.5				
3/12/2018				39.6	38.2	
3/13/2018	28.6	29.3	24.3 (J)			26
9/6/2018			25.6			
9/7/2018				45.2	40.3	25.1
9/11/2018	27.3	26.3				
3/7/2019			23.8 (J)		40.4	33.3
3/8/2019	25.9			45.2		
3/12/2019		28				
9/4/2019						31.6
9/5/2019	29.3	29	24.6	46.2	34.6	
3/3/2020			27.1	40.1		
3/4/2020	31.2	31.6			39.9	38
9/4/2020				47.2	34.4	34.5
9/8/2020	28.5	29.4	24.5			
2/25/2021			25.3	48.5	44.8	36
2/26/2021	29.6	31.1				
7/27/2021			24.3			
7/28/2021				48.8	44.9	35.1
7/29/2021	29.4	29.4				
1/25/2022			24.3			
1/26/2022	29.6	30.4		53.2		37.6
1/27/2022				44.4		

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/3/2016	52 (D)					
3/4/2016		69				
3/7/2016			16	30	30	
3/8/2016						40
5/5/2016			17.2	29.6		
5/9/2016					32.6	43.8
5/10/2016	57.6	72.9				
7/13/2016	49		12.3	27.8		
7/14/2016		58.2			25.6	36
9/12/2016				29.1	29.6	42.1
9/13/2016			17.8			
9/14/2016		62.2				
9/15/2016	55.4					
10/31/2016			6.22		26.5	43.4
11/1/2016		62.5		26.2		
11/2/2016	54.8					
1/11/2017	51.6	63.9		25.2	28.5	
1/12/2017			16.6			39.1
3/20/2017	52.5			29.9		
3/21/2017		63.8			29.1	
3/22/2017						37
3/23/2017			19.6			
5/22/2017				28.9	28.2	36.8
5/23/2017	58.7	62	21			
9/19/2017						37.7
9/20/2017					32.1	
9/21/2017	63.8			30.8		
9/22/2017		67.2				
9/25/2017			17			
3/14/2018	60.6	65.6	23.4 (J)	27.6	30.7	35.9
9/7/2018	62.4			29.5		
9/10/2018					30.7	31.6
9/11/2018		63.2	18.1 (J)			
3/11/2019	63.8					
3/12/2019		65.3	23.2 (J)	28.6	31.1	35.2
9/6/2019				27.5		32.35 (D)
9/9/2019	55.7		15.2		29.6	
9/10/2019		66.7				
3/4/2020	60.6				34	
3/5/2020		71.4		32		38.9
3/6/2020			23.5			
9/4/2020						40.2
9/9/2020	57.1	63.2	15.3	28.5	30.5	
2/26/2021			25.2	31.9	33.3	
3/9/2021	76.4					35.8
3/10/2021		67.1				
7/29/2021			22	30.5		
7/30/2021	65.5	64.4				
8/2/2021						34.7
8/5/2021					33	
1/27/2022				29.3	33.2	36.2
1/28/2022	68.5	64.7	19.1			

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/4/2016				32	
3/7/2016		32			
3/8/2016	63				34
3/9/2016			55		
5/4/2016					36
5/5/2016		32.2		34.6	
5/6/2016			62.4		
5/9/2016	50.8				
7/12/2016				29.6	
7/14/2016		26.8			
7/15/2016	48.2		49.5		
7/18/2016					31.7
9/9/2016	56.9				
9/12/2016		31.1			
9/13/2016				31.1	32.5
9/14/2016			54.4		
10/27/2016	57.9	29.2		32.8	30.9
11/1/2016			52.8		
1/12/2017	60.5				
1/13/2017		30		34	31.2
1/25/2017			57.2		
3/16/2017					29
3/20/2017		32		33.4	
3/21/2017	63.7				
3/22/2017			58.1		
5/19/2017				33.2	33.9
5/23/2017	60	27.5			
5/24/2017			64		
9/19/2017	58.9	30.3		29.5	31.3
9/21/2017			61.1		
3/13/2018		32.1		30.8	33.3
3/14/2018	65.6		59.9		
9/7/2018		32.7			
9/10/2018	61.7				
9/11/2018			60.2	29.1	30.9
3/8/2019				28.8	33.1
3/11/2019	67.1	33.9			
3/12/2019			61.6		
9/5/2019		31.8		29.6 (D)	34.6
9/6/2019	57.8		55.9		
3/3/2020	70.2	37.2		33.3	37.6
3/5/2020			63.7		
9/4/2020					36.6
9/8/2020	61.9	34.7			
9/9/2020			57.6	31.5	
3/9/2021	64.1	35.7		33.2	36.4
3/10/2021			62.2		
7/29/2021				32.6	
7/30/2021			58.7		
8/2/2021	59.3	34.1			35.4
1/27/2022		36.9			34.4
1/28/2022	60		64.9	34.4	

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
2/29/2016						2.9988
3/1/2016	2.4587	3.096	1.2389			
3/2/2016				2.4559		
5/2/2016	2.28	2.92				
5/3/2016			1.22	2.49		
5/4/2016					2.83 (D)	1.83
7/6/2016		3.2				
7/7/2016	2.4			2.5	3.1 (D)	
7/8/2016			1.2			2.2
9/7/2016	2.3	3.4	1			
9/8/2016				2.2	3 (D)	2.2
10/25/2016	2	3.4	1.2	2.5		
10/26/2016					3 (D)	2.2
1/5/2017	2.5 (J)	3.3				
1/6/2017			0.97		3.2 (D)	2.1
2/9/2017				2		
3/14/2017		2.9	1			
3/15/2017	2.1				2.8 (D)	2.3
3/23/2017				2.2		
5/16/2017		2.9	0.9			
5/17/2017	1.8			2.4		1.9
5/18/2017					3 (D)	
7/19/2017					4.1 (D)	
9/15/2017	2.1	2.7	1.1			2.1
9/19/2017				2.5	3.6 (D)	
3/12/2018	2.2	3.2	1.1			
3/13/2018				2.4	3.3	3
9/6/2018	2	2.7	1	2.7		1.9
9/7/2018					3.3	
3/6/2019	2.4		<1.2			
3/7/2019		2.8		2.9		3.6
3/8/2019					3.4	
9/4/2019	2	2.7	0.81 (J)	2.9	2.7	1.3
3/2/2020	2.1	2.4	0.78 (J)	2.5		4.9
3/3/2020					2.6	
9/3/2020	1.9		0.82 (J)	2.9		1.4
9/9/2020					2.6	
9/14/2020		2.9				
2/24/2021	2		0.84 (J)	3.1		3.3
2/25/2021					2.7	
3/26/2021		2.5				
7/27/2021		2.8				4.5
7/28/2021			0.88 (J)	3.3	2.8	
8/6/2021	1.9					
1/25/2022				3.2		1.5
1/26/2022		2.4	0.88 (J)		2.9	

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
3/2/2016	2.3976	2.556	1.4496	2.815		
3/3/2016					2.6912	8.0925
5/3/2016	2.54	2.59		3.27	2.7	
5/4/2016			1.42			
5/9/2016						2.99
7/8/2016	2.6		1.6			
7/11/2016		2.6		3.2	2.7	4.4
9/7/2016		2.6				
9/8/2016	2.5		1.2			
9/9/2016				3	2.5	5.6
10/26/2016	2.6		1.4	2.9		6.5
10/27/2016		3			3	
1/6/2017		2.5				
1/9/2017	2.5		1.5	2.9	3.1	6.7
3/15/2017			1.1			7.8
3/16/2017	2.4	2.5		2.9	2.7	
5/18/2017			1.3	2.9	3.2	7.1
5/19/2017	2.3	2.3				
9/15/2017			1.2	3.2		8.4
9/18/2017					3	
9/19/2017	2.3	2.4				
3/12/2018				3.6	3.2	
3/13/2018	2.7	2.6	0.93			6.9
9/6/2018			1.1			
9/7/2018				3.8	3.3	6.9
9/11/2018	2.4	2.4				
3/7/2019			<1.2		3.2	6
3/8/2019	2.7			3.4		
3/12/2019		3.3				
9/4/2019						4.8
9/5/2019	2.3	2.4	0.81 (J)	2.9	2.9	
3/3/2020			0.77 (J)	2.7		
3/4/2020	2.2	2.3			2.6	4.5
9/4/2020				3	2.5	4.1
9/8/2020	2.3	2.3	0.8 (J)			
2/25/2021			0.78 (J)	6.7	4.8	4.4
2/26/2021	2.3	2.4				
7/27/2021			1.4			
7/28/2021				6.9	5	5
7/29/2021	2.1	2.3				
1/25/2022			0.81 (J)			
1/26/2022	2.2	2.4		5.8		5.2
1/27/2022					4.5	

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/3/2016	1.3707 (D)					
3/4/2016		6.4905				
3/7/2016			2.0446	2.2698	2.3254	
3/8/2016						1.2699
5/5/2016			2.28	2.48		
5/9/2016					2.48	1.39
5/10/2016	1.41	7.1				
7/13/2016	1.7		2.2	2.5		
7/14/2016		6.4			2.5	1.7
9/12/2016				2.5	2.5	1.6
9/13/2016			2			
9/14/2016		6				
9/15/2016	1.9					
10/31/2016			2.3		3	1.9
11/1/2016		7		2.9		
11/2/2016	2.3					
1/11/2017	2	6		2.5	2.5	
1/12/2017			1.9			1.8
3/20/2017	2.2			2.2		
3/21/2017		6.1			2.3	
3/22/2017						2
3/23/2017			2.2			
5/22/2017				2.3	2.4	1.9
5/23/2017	2	6	2			
9/19/2017						1.9
9/20/2017					2.4	
9/21/2017	2.3			2.3		
9/22/2017		6.2				
9/25/2017			2.1			
3/14/2018	2.1	6.1	2.1	2.2	2.2	2
9/7/2018	2.1			2.3		
9/10/2018					2.1	1.6
9/11/2018		6.7	2.3			
3/11/2019	2.4					
3/12/2019		6.9	2.8	3.3	2.8	2.7
9/6/2019				2.3		1.6 (D)
9/9/2019	1.1		2		2.3	
9/10/2019		4.5				
3/4/2020	0.79 (J)				2.3	
3/5/2020		4.5		2.2		1.5
3/6/2020			2.2			
9/4/2020						1.5
9/9/2020	1 (J)	4.3	2.1	2.3	2.4	
2/26/2021			2.3	2.4	2.4	
3/9/2021	1.5					1.9
3/10/2021		4.7				
7/29/2021			2.1	2.2		
7/30/2021	1	4.3				
8/2/2021						1.8
8/5/2021					2.6	
1/27/2022				2.3	2.5	1.9
1/28/2022	1.6	4.6	2.1			

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/4/2016				2.7291	
3/7/2016		2.6729			
3/8/2016	4.2184				2.5307
3/9/2016			1.5349		
5/4/2016					2.76
5/5/2016		2.81		2.54	
5/6/2016			1.63		
5/9/2016	3.08				
7/12/2016				2.6	
7/14/2016		2.8			
7/15/2016	3.8		2		
7/18/2016					2.8
9/9/2016	3.9				
9/12/2016		2.8			
9/13/2016				2.5	2.7
9/14/2016			2		
10/27/2016	4.7	3.3		3.1	3.2
11/1/2016			2.4		
1/12/2017	4.2				
1/13/2017		2.7		2.7	2.6
1/25/2017			2.1		
3/16/2017					2.6
3/20/2017		2.8		2.6	
3/21/2017	4.2				
3/22/2017			2.2		
5/19/2017				2.5	2.6
5/23/2017	4.1	2.6			
5/24/2017			2		
9/19/2017	4.4	2.6		2.3	2.4
9/21/2017			2.4		
3/13/2018		2.8		<1.2	2.7
3/14/2018	4.4		2.2		
9/7/2018		2.7			
9/10/2018	3.9				
9/11/2018			2.4	2.3	2.4
3/8/2019				2.6	2.8
3/11/2019	4.2	3.2			
3/12/2019			2.4		
9/5/2019		2.7		2.2	2.5
9/6/2019	3.5		1.4		
3/3/2020	3.9	2.5		2.1	2.4
3/5/2020			1.3		
9/4/2020					2.5
9/8/2020	4.1	2.6			
9/9/2020			2	2.5	
3/9/2021	5	2.4		2.1	2.3
3/10/2021			1.6		
7/29/2021				2.2	
7/30/2021			1.4		
8/2/2021	5.6	2.4			2.3
1/27/2022		2.5			2.4
1/28/2022	4.6		1.7	2.2	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.005	0.0028				
9/16/2014			0.0015	0.0026		
10/3/2014	<0.005	<0.005	0.0015	0.0021		
10/20/2014	<0.005	0.0029	0.0011 (J)	0.0023		
11/10/2014	<0.005	0.0017	<0.005	0.0022		
3/2/2015	<0.005	<0.005	<0.005	0.0021		
3/17/2015	<0.005	<0.005	<0.005	0.0022		
4/5/2015	<0.005	<0.005	<0.005			
4/6/2015				0.0016		
4/21/2015	0.0011 (J)	0.0018				
4/22/2015			<0.005	0.0013		
5/8/2015					0.036 (o)	<0.005
5/17/2015					0.029 (o)	<0.005
5/25/2015					0.029 (o)	<0.005
6/8/2015					0.015	0.0013
6/18/2015					0.016	<0.005
6/24/2015					0.02	0.0013
6/30/2015					0.02	<0.005
7/6/2015					0.015	<0.005
7/28/2015	<0.005	0.0015	<0.005	0.0014		
8/12/2015					0.0139	<0.005
2/29/2016						<0.005
3/1/2016	<0.005	<0.005	<0.005			
3/2/2016				<0.005		
5/2/2016	0.00385 (J)	<0.005				
5/3/2016			<0.005	<0.005		
5/4/2016					<0.005 (D)	<0.005
7/6/2016		0.0005 (J)				
7/7/2016	0.0004 (J)			0.002 (J)	0.0005 (JD)	
7/8/2016			<0.005			0.0014 (J)
9/7/2016	<0.005	<0.005	<0.005			
9/8/2016				0.001 (J)	<0.005 (D)	<0.005
10/25/2016	<0.005	<0.005	<0.005	0.0028 (J)		
10/26/2016					<0.005 (D)	0.0011 (J)
1/5/2017	<0.005	<0.005				
1/6/2017			<0.005		<0.005 (D)	0.0011 (J)
2/9/2017				0.0012 (J)		
3/14/2017		0.0008 (J)	0.0006 (J)			
3/15/2017	0.0007 (J)				<0.005 (D)	0.0014 (J)
3/23/2017				<0.005		
5/16/2017		<0.005	<0.005			
5/17/2017	0.0004 (J)			0.0019 (J)		0.0011 (J)
5/18/2017					<0.005 (D)	
7/19/2017					<0.005 (D)	
9/15/2017	<0.005	<0.005	<0.005			0.001 (J)
9/19/2017				0.0022 (J)	<0.005 (D)	
3/12/2018	<0.005	<0.005	<0.005			
3/13/2018				0.0017 (J)	<0.005	<0.005
9/6/2018	<0.005	<0.005	<0.005	<0.005		<0.005
9/7/2018					<0.005	
3/6/2019	<0.005		<0.005			
3/7/2019		<0.005		<0.005		<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					<0.005	
9/4/2019	<0.005	0.0013 (J)	<0.005	0.00155 (JD)	<0.005	0.00096 (J)
3/2/2020	<0.005	0.00047 (J)	<0.005	0.0014 (J)		0.0011 (J)
3/3/2020					<0.005	
9/3/2020	<0.005		<0.005	0.0013 (J)		0.0011 (J)
9/9/2020					<0.005	
9/14/2020		<0.005				
2/24/2021	<0.005		<0.005	0.0018 (J)		0.00097 (J)
2/25/2021					<0.005	
3/26/2021		0.0006 (J)				
7/27/2021		<0.005				<0.005
7/28/2021			0.018 (o)	0.0015 (J)	<0.005	
8/6/2021	<0.005					
1/25/2022				0.0014 (J)		0.0012 (J)
1/26/2022		<0.005	<0.005		<0.005	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.005				
5/9/2015	<0.005		<0.005	<0.005	<0.005	<0.005
5/17/2015		<0.005				
5/18/2015	<0.005		<0.005	<0.005	<0.005	
5/19/2015						<0.005
5/25/2015	<0.005	<0.005	0.0011 (J)			
5/26/2015				<0.005	<0.005	<0.005
6/8/2015	<0.005	<0.005				
6/9/2015			<0.005	<0.005	0.0017	<0.005
6/17/2015	<0.005		0.0014	<0.005	<0.005	<0.005
6/18/2015		<0.005				
6/24/2015	<0.005	<0.005				
6/25/2015			0.001 (J)	<0.005	<0.005	<0.005
6/30/2015	<0.005	<0.005				
7/1/2015			<0.005	<0.005	0.0011 (J)	<0.005
7/6/2015	<0.005	<0.005				
7/7/2015			0.0011 (J)	<0.005	<0.005	<0.005
8/12/2015	<0.005	<0.005	0.0011 (J)			
8/13/2015				<0.005	<0.005	<0.005
3/2/2016	<0.005	<0.005	<0.005	<0.005		
3/3/2016					<0.005	<0.005
5/3/2016	<0.005	<0.005		<0.005	<0.005	
5/4/2016			<0.005			
5/9/2016						<0.005
7/8/2016	0.0007 (J)		0.0014 (J)			
7/11/2016		<0.005		0.0006 (J)	<0.005	0.0005 (J)
9/7/2016		<0.005				
9/8/2016	<0.005		0.0015 (J)			
9/9/2016				<0.005	<0.005	<0.005
10/26/2016	<0.005		0.0016 (J)	<0.005		<0.005
10/27/2016		<0.005			<0.005	
1/6/2017		<0.005				
1/9/2017	<0.005		0.0013 (J)	<0.005	<0.005	<0.005
3/15/2017			0.0019 (J)			<0.005
3/16/2017	0.001 (J)	0.0011 (J)		0.0008 (J)	0.0018 (J)	
5/18/2017			0.0012 (J)	0.001 (J)	<0.005	0.0011 (J)
5/19/2017	0.0006 (J)	0.0007 (J)				
9/15/2017			0.0012 (J)	0.0007 (J)		<0.005
9/18/2017					<0.005	
9/19/2017	0.0006 (J)	0.0006 (J)				
3/12/2018				<0.005	<0.005	
3/13/2018	<0.005	<0.005	<0.005			<0.005
9/6/2018			<0.005			
9/7/2018				<0.005	<0.005	<0.005
9/11/2018	<0.005	<0.005				
3/7/2019			<0.005		<0.005	<0.005
3/8/2019	<0.005			<0.005		
3/12/2019		<0.005				
9/4/2019						0.0014 (J)
9/5/2019	0.00065 (J)	0.00055 (J)	0.0016 (J)	0.00092 (J)	<0.005	
3/3/2020			0.0017 (J)	0.00085 (J)		
3/4/2020	0.00076 (J)	0.0012 (J)			0.00079 (J)	<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/4/2020				0.0012 (J)	<0.005	0.0012 (J)
9/8/2020	<0.005	<0.005	0.0014 (J)			
2/25/2021			0.0017 (J)	0.00078 (J)	0.00083 (J)	0.001 (J)
2/26/2021	0.0008 (J)	0.00071 (J)				
7/27/2021			0.0016 (J)			
7/28/2021				<0.005	<0.005	<0.005
7/29/2021	<0.005	<0.005				
1/25/2022			0.0013 (J)			
1/26/2022	<0.005	<0.005		<0.005		<0.005
1/27/2022					<0.005	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	0.0033					
9/17/2014		<0.005	<0.005	<0.005	<0.005	
9/18/2014						<0.005
10/4/2014	0.0011 (J)	<0.005	0.0034	0.025 (o)	0.001 (J)	
10/5/2014						<0.005
10/21/2014	<0.005	<0.005	<0.005	0.024 (o)	0.0011 (J)	
10/22/2014						<0.005
11/5/2014			0.0042		0.001 (J)	0.001 (J)
11/11/2014	<0.005	0.0014		0.025 (o)		
3/3/2015	<0.005	0.001 (J)	0.0038	0.029 (o)	<0.005	
3/4/2015						<0.005
3/18/2015	<0.005	<0.005	0.0031	<0.005		
3/19/2015					<0.005	<0.005
4/6/2015	<0.005	<0.005				
4/7/2015			0.0037	0.008	<0.005	<0.005
4/23/2015	0.001 (J)	<0.005	0.0033	<0.005		
4/24/2015					<0.005	<0.005
7/29/2015	<0.005	<0.005	0.0033	<0.005	<0.005	
7/30/2015						0.001 (J)
3/3/2016	<0.005 (D)					
3/4/2016		<0.005				
3/7/2016			<0.01 (o)	<0.005	<0.005	
3/8/2016						<0.005
5/5/2016			0.00385 (J)	<0.005		
5/9/2016					<0.005	<0.005
5/10/2016	<0.005	<0.005				
7/13/2016	0.0008 (J)		0.0029 (J)	0.0006 (J)		
7/14/2016		0.0035 (J)			0.0005 (J)	0.0008 (J)
9/12/2016				<0.005	<0.005	<0.005
9/13/2016			0.0029 (J)			
9/14/2016		<0.005				
9/15/2016	<0.005					
10/31/2016			0.0017 (J)		<0.005	<0.005
11/1/2016		<0.005		<0.005		
11/2/2016	<0.005					
1/11/2017	0.0012 (J)	<0.005		<0.005	<0.005	
1/12/2017			0.0025 (J)			0.0011 (J)
3/20/2017	0.0013 (J)			0.0005		
3/21/2017		<0.005			<0.005	
3/22/2017						<0.005
3/23/2017			<0.01 (o)			
5/22/2017				0.0005	0.0005 (J)	0.0007 (J)
5/23/2017	0.0007 (J)	0.0021 (J)	0.0029 (J)			
9/19/2017						0.0006 (J)
9/20/2017					0.0008 (J)	
9/21/2017	<0.005			0.0008		
9/22/2017		<0.005				
9/25/2017			0.0018 (J)			
3/14/2018	<0.005	<0.005	0.0021 (J)	<0.005	<0.005	<0.005
9/7/2018	<0.005			<0.005		
9/10/2018					<0.005	<0.005
9/11/2018		<0.005	0.0017 (J)			

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	<0.005					
3/12/2019		<0.005	<0.005	<0.005	<0.005	<0.005
9/6/2019				0.00053 (J)		0.00071 (JD)
9/9/2019	<0.005		0.001 (J)		0.00056 (J)	
9/10/2019		<0.005				
3/4/2020	0.0014 (J)				0.001 (J)	
3/5/2020		0.00063 (J)		0.0007 (J)		0.00075 (J)
3/6/2020			0.0019 (J)			
9/4/2020						0.00078 (J)
9/9/2020	0.00056 (J)	<0.005	0.001 (J)	<0.005	<0.005	
2/26/2021			0.0014 (J)	0.00069 (J)	0.00067 (J)	
3/9/2021	0.0024 (J)					0.00094 (J)
3/10/2021		<0.005				
7/29/2021			0.0014 (J)	<0.005		
7/30/2021	0.0017 (J)	<0.005				
8/2/2021						<0.005
8/5/2021					<0.005	
1/27/2022				0.0015 (J)	<0.005	<0.005
1/28/2022	0.0011 (J)	<0.005	0.0014 (J)			

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.005	<0.005
9/18/2014	0.001 (J)	<0.005	<0.005		
10/4/2014				<0.005	<0.005
10/5/2014	0.0013	<0.005	<0.005		
10/22/2014	0.0016	<0.005	<0.005		
10/23/2014				<0.005	<0.005
11/5/2014	0.0013	<0.005	0.0013		
11/10/2014				<0.005	<0.005
3/4/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2015	<0.005	<0.005			
3/20/2015			<0.005	<0.005	<0.005
4/8/2015	<0.005	<0.005	0.0012 (J)	<0.005	
4/9/2015					<0.005
4/23/2015			<0.005	<0.005	<0.005
4/24/2015	0.001 (J)	<0.005			
7/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2016				<0.005	
3/7/2016		<0.005			
3/8/2016	<0.005				<0.005
3/9/2016			<0.005		
5/4/2016					<0.005
5/5/2016		<0.005		<0.005	
5/6/2016			<0.005		
5/9/2016	<0.005				
7/12/2016				<0.005	
7/14/2016		<0.005			
7/15/2016	<0.005		0.0005 (J)		
7/18/2016					0.0005 (J)
9/9/2016	<0.005				
9/12/2016		<0.005			
9/13/2016				<0.005	<0.005
9/14/2016			<0.005		
10/27/2016	<0.005	<0.005		<0.005	<0.005
11/1/2016			<0.005		
1/12/2017	<0.005				
1/13/2017		<0.005		<0.005	<0.005
1/25/2017			0.0023 (J)		
3/16/2017					0.0008 (J)
3/20/2017		0.0004 (J)		<0.005	
3/21/2017	<0.005				
3/22/2017			<0.005		
5/19/2017				<0.005	0.0006 (J)
5/23/2017	0.0004 (J)	0.0005 (J)			
5/24/2017			0.0011 (J)		
9/19/2017	0.0006 (J)	<0.005		<0.005	0.0007 (J)
9/21/2017			0.0014 (J)		
3/13/2018		<0.005		<0.005	<0.005
3/14/2018	<0.005		<0.005		
9/7/2018		<0.005			
9/10/2018	<0.005				
9/11/2018			<0.005	<0.005	<0.005
3/8/2019				<0.005	<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	<0.005	<0.005			
3/12/2019			<0.005		
9/5/2019		<0.005		<0.005 (D)	0.00044 (J)
9/6/2019	0.00078 (J)		<0.005		
3/3/2020	0.00058 (J)	0.00057 (J)		0.00052 (J)	0.00078 (J)
3/5/2020			0.00086 (J)		
9/4/2020					0.00073 (J)
9/8/2020	0.0013 (J)	<0.005			
9/9/2020			<0.005	<0.005	
3/9/2021	<0.005	<0.005		<0.005	0.00079 (J)
3/10/2021			0.00073 (J)		
7/29/2021				<0.005	
7/30/2021			<0.005		
8/2/2021	<0.005	<0.005			<0.005
1/27/2022		<0.005			<0.005
1/28/2022	<0.005		<0.005	<0.005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.005	0.0039				
9/16/2014			0.00077 (J)	0.0028		
10/3/2014	<0.005	<0.005	0.0013	0.0029		
10/20/2014	<0.005	0.0014	0.001 (J)	0.0022		
11/10/2014	<0.005	<0.005	<0.005	0.0022		
3/2/2015	<0.005	<0.005	<0.005			
3/17/2015	<0.005	<0.005	<0.005	0.0044 (o)		
4/5/2015	<0.005	<0.005	<0.005			
4/6/2015				0.002		
4/21/2015	0.00055 (J)	0.0012 (J)				
4/22/2015			<0.005	0.0016		
5/8/2015					<0.005	<0.005
5/17/2015					0.00059 (J)	<0.005
5/25/2015					<0.005	<0.005
6/8/2015					<0.005	<0.005
6/18/2015					<0.005	<0.005
6/24/2015					<0.005	<0.005
6/30/2015					<0.005	<0.005
7/6/2015					<0.005	<0.005
7/28/2015	<0.005	0.0012 (J)	<0.005	0.0017		
8/12/2015					<0.005	<0.005
2/29/2016						<0.005
3/1/2016	<0.005	<0.005	0.00202 (J)			
3/2/2016				<0.01 (o)		
5/2/2016	<0.005	<0.005				
5/3/2016			<0.005	<0.01 (o)		
5/4/2016					<0.005 (D)	<0.005
7/6/2016		<0.005				
7/7/2016	<0.005			0.0015 (J)	<0.005 (D)	
7/8/2016			0.0004 (J)			<0.005
9/7/2016	<0.005	<0.005	0.0009 (J)			
9/8/2016				0.0018 (J)	<0.005 (D)	<0.005
10/25/2016	<0.005	<0.005	0.0022 (J)	0.0019 (J)		
10/26/2016					<0.005 (D)	<0.005
1/5/2017	<0.005	<0.005				
1/6/2017			0.0011 (J)		<0.005 (D)	<0.005
2/9/2017				0.0017 (J)		
3/14/2017		<0.005	0.0009 (J)			
3/15/2017	<0.005				<0.005 (D)	<0.005
3/23/2017				0.0018 (J)		
5/16/2017		<0.005	<0.005			
5/17/2017	<0.005			0.0016 (J)		<0.005
5/18/2017					<0.005 (D)	
7/19/2017					<0.005 (D)	
9/15/2017	<0.005	<0.005	<0.005			<0.005
9/19/2017				0.0012 (J)	<0.005 (D)	
3/12/2018	<0.005	<0.005	<0.005			
3/13/2018				0.0013 (J)	<0.005	<0.005
9/6/2018	<0.005	<0.005	<0.005	0.00094 (J)		<0.005
9/7/2018					<0.005	
3/6/2019	<0.005		<0.005			
3/7/2019		<0.005		0.00087 (J)		<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					<0.005	
9/4/2019	<0.005	<0.005	<0.005	0.000935 (JD)	<0.005	<0.005
3/2/2020	<0.005	<0.005	<0.005	0.0011 (J)		<0.005
3/3/2020					<0.005	
9/3/2020	<0.005		<0.005	0.00091 (J)		<0.005
9/9/2020					<0.005	
9/14/2020		<0.005				
2/24/2021	<0.005		<0.005	0.0011 (J)		<0.005
2/25/2021					<0.005	
3/26/2021		<0.005				
7/27/2021		0.00096 (J)				<0.005
7/28/2021			<0.005	0.001 (J)	<0.005	
8/6/2021	<0.005					
1/25/2022				0.0011 (J)		<0.005
1/26/2022		<0.005	<0.005		<0.005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.005				
5/9/2015	<0.005		0.00057 (J)	<0.005	<0.005	<0.005
5/17/2015		<0.005				
5/18/2015	<0.005		0.00055 (J)	0.00071 (J)	0.001 (J)	
5/19/2015						<0.005
5/25/2015	<0.005	<0.005	<0.005			
5/26/2015				0.00067 (J)	0.00052 (J)	<0.005
6/8/2015	<0.005	<0.005				
6/9/2015			<0.005	0.001 (J)	0.00087 (J)	<0.005
6/17/2015	<0.005		<0.005	0.00093 (J)	<0.005	<0.005
6/18/2015		<0.005				
6/24/2015	<0.005	<0.005				
6/25/2015			<0.005	0.00059 (J)	<0.005	<0.005
6/30/2015	<0.005	<0.005				
7/1/2015			<0.005	0.00059 (J)	0.0006 (J)	<0.005
7/6/2015	<0.005	<0.005				
7/7/2015			<0.005	0.00091 (J)	<0.005	<0.005
8/12/2015	<0.005	<0.005	<0.005			
8/13/2015				0.0006 (J)	<0.005	<0.005
3/2/2016	<0.005	<0.005	<0.005	0.00715 (J)		
3/3/2016					<0.005	<0.005
5/3/2016	<0.005	<0.005		0.00349 (J)	<0.005	
5/4/2016			<0.005			
5/9/2016						<0.005
7/8/2016	<0.005		<0.005			
7/11/2016		<0.005		0.0007 (J)	0.001 (J)	<0.005
9/7/2016		<0.005				
9/8/2016	<0.005		<0.005			
9/9/2016				<0.005	0.0006 (J)	<0.005
10/26/2016	<0.005		<0.005	<0.005		<0.005
10/27/2016		<0.005			<0.005	
1/6/2017		<0.005				
1/9/2017	<0.005		<0.005	<0.005	<0.005	<0.005
3/15/2017			<0.005			<0.005
3/16/2017	<0.005	<0.005		0.0006 (J)	<0.005	
5/18/2017			<0.005	<0.005	<0.005	<0.005
5/19/2017	<0.005	<0.005				
9/15/2017			<0.005	<0.005		<0.005
9/18/2017					<0.005	
9/19/2017	<0.005	<0.005				
3/12/2018				0.0034 (J)	<0.005	
3/13/2018	<0.005	<0.005	<0.005			<0.005
9/6/2018			<0.005			
9/7/2018				<0.005	<0.005	<0.005
9/11/2018	<0.005	<0.005				
3/7/2019			<0.005		<0.005	<0.005
3/8/2019	<0.005			0.0044 (J)		
3/12/2019		<0.005				
9/4/2019						<0.005
9/5/2019	<0.005	<0.005	<0.005	<0.005	<0.005	
3/3/2020			<0.005	0.0048 (J)		
3/4/2020	<0.005	<0.005			<0.005	<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/4/2020				0.0012 (J)	<0.005	<0.005
9/8/2020	<0.005	<0.005	<0.005			
2/25/2021			<0.005	0.0039 (J)	<0.005	<0.005
2/26/2021	<0.005	<0.005				
7/27/2021			<0.005			
7/28/2021				0.006	<0.005	<0.005
7/29/2021	<0.005	<0.005				
1/25/2022			<0.005			
1/26/2022	<0.005	<0.005		0.0035 (J)		<0.005
1/27/2022					<0.005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	0.0026					
9/17/2014		<0.005	<0.005	<0.005	<0.005	
9/18/2014						<0.005
10/4/2014	0.0015	<0.005	<0.005	0.00063 (J)	<0.005	
10/5/2014						<0.005
10/21/2014	0.00099 (J)	<0.005	<0.005	0.00058 (J)	<0.005	
10/22/2014						<0.005
11/5/2014			0.0005 (J)		<0.005	<0.005
11/11/2014	0.00097 (J)	<0.005		0.00058 (J)		
3/3/2015	0.00078 (J)	<0.005	<0.005	0.00056 (J)	<0.005	
3/4/2015						<0.005
3/18/2015	0.00081 (J)	<0.005	<0.005	<0.005		
3/19/2015					<0.005	<0.005
4/6/2015	0.0011 (J)	<0.005				
4/7/2015			<0.005	<0.005	<0.005	<0.005
4/23/2015	0.0007 (J)	<0.005	<0.005	<0.005		
4/24/2015					<0.005	<0.005
7/29/2015	<0.005	<0.005	0.00076 (J)	<0.005	<0.005	
7/30/2015						<0.005
3/3/2016	0.00451 (JD)					
3/4/2016		<0.005				
3/7/2016			<0.005	<0.005	<0.005	
3/8/2016						<0.005
5/5/2016			<0.005	<0.005		
5/9/2016					<0.005	<0.005
5/10/2016	0.00478 (J)	<0.005				
7/13/2016	0.0003 (J)		<0.005	<0.005		
7/14/2016		<0.005			<0.005	<0.005
9/12/2016				<0.005	<0.005	<0.005
9/13/2016			<0.005			
9/14/2016		<0.005				
9/15/2016	0.0018 (J)					
10/31/2016			<0.005		<0.005	<0.005
11/1/2016		<0.005		<0.005		
11/2/2016	0.0022 (J)					
1/11/2017	<0.005	<0.005		<0.005	<0.005	
1/12/2017			<0.005			<0.005
3/20/2017	<0.005			<0.005		
3/21/2017		<0.005			<0.005	
3/22/2017						<0.005
3/23/2017			<0.005			
5/22/2017				<0.005	<0.005	<0.005
5/23/2017	0.001 (J)	<0.005	<0.005			
9/19/2017						<0.005
9/20/2017					<0.005	
9/21/2017	0.0006 (J)			<0.005		
9/22/2017		<0.005				
9/25/2017			<0.005			
3/14/2018	0.00058 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	0.0034 (J)			<0.005		
9/10/2018					<0.005	<0.005
9/11/2018		<0.005	<0.005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	<0.005					
3/12/2019		<0.005	<0.005	<0.005	<0.005	<0.005
9/6/2019				<0.005		<0.005 (D)
9/9/2019	<0.005		<0.005		<0.005	
9/10/2019		<0.005				
3/4/2020	<0.005				<0.005	
3/5/2020		<0.005		<0.005		<0.005
3/6/2020			<0.005			
9/4/2020						<0.005
9/9/2020	0.00069 (J)	<0.005	<0.005	<0.005	<0.005	
2/26/2021			<0.005	<0.005	<0.005	
3/9/2021	0.00047 (J)					<0.005
3/10/2021		<0.005				
7/29/2021			<0.005	<0.005		
7/30/2021	0.00052 (J)	<0.005				
8/2/2021						<0.005
8/5/2021					<0.005	
1/27/2022				<0.005	<0.005	<0.005
1/28/2022	<0.005	<0.005	<0.005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.005	0.0006 (J)
9/18/2014	<0.005	<0.005	<0.005		
10/4/2014				<0.005	<0.005
10/5/2014	<0.005	<0.005	<0.005		
10/22/2014	<0.005	<0.005	<0.005		
10/23/2014				<0.005	<0.005
11/5/2014	<0.005	<0.005	<0.005		
11/10/2014				<0.005	<0.005
3/4/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2015	<0.005	<0.005			
3/20/2015			<0.005	<0.005	<0.005
4/8/2015	<0.005	<0.005	<0.005	<0.005	
4/9/2015					<0.005
4/23/2015			<0.005	<0.005	<0.005
4/24/2015	<0.005	<0.005			
7/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2016				<0.005	
3/7/2016		<0.005			
3/8/2016	0.0183 (J)				<0.005
3/9/2016			<0.005		
5/4/2016					<0.005
5/5/2016		<0.005		<0.005	
5/6/2016			<0.005		
5/9/2016	0.00239 (J)				
7/12/2016				<0.005	
7/14/2016		<0.005			
7/15/2016	0.0008 (J)		<0.005		
7/18/2016					<0.005
9/9/2016	<0.005				
9/12/2016		<0.005			
9/13/2016				<0.005	<0.005
9/14/2016			<0.005		
10/27/2016	<0.005	<0.005		<0.005	<0.005
11/1/2016			<0.005		
1/12/2017	<0.005				
1/13/2017		<0.005		<0.005	<0.005
1/25/2017			<0.005		
3/16/2017					<0.005
3/20/2017		<0.005		<0.005	
3/21/2017	0.0005 (J)				
3/22/2017			<0.005		
5/19/2017				<0.005	<0.005
5/23/2017	<0.005	<0.005			
5/24/2017			<0.005		
9/19/2017	<0.005	0.0012 (J)		<0.005	<0.005
9/21/2017			<0.005		
3/13/2018		<0.005		<0.005	<0.005
3/14/2018	0.00083 (J)		<0.005		
9/7/2018		<0.005			
9/10/2018	0.00071 (J)				
9/11/2018			<0.005	<0.005	<0.005
3/8/2019				<0.005	<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	0.00056 (J)	<0.005			
3/12/2019			<0.005		
9/5/2019		0.0012 (J)		<0.005 (D)	<0.005
9/6/2019	0.00051 (J)		<0.005		
3/3/2020	<0.005	0.00078 (J)		<0.005	<0.005
3/5/2020			<0.005		
9/4/2020					0.0012 (J)
9/8/2020	<0.005	0.00087 (J)			
9/9/2020			<0.005	<0.005	
3/9/2021	0.0004 (J)	0.00066 (J)		<0.005	<0.005
3/10/2021			<0.005		
7/29/2021				<0.005	
7/30/2021			<0.005		
8/2/2021	0.00048 (J)	0.00045 (J)			<0.005
1/27/2022		0.0011 (J)			<0.005
1/28/2022	<0.005		<0.005	<0.005	

Time Series

Constituent: Copper (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.005	0.0049 (J)				
9/16/2014			0.018	<0.005		
10/3/2014	<0.005	<0.005	0.021	0.00089 (J)		
10/20/2014	<0.005	0.0024 (J)	0.022	0.00087 (J)		
11/10/2014	<0.005	<0.005	0.02	<0.005		
3/2/2015	<0.005	<0.005	0.015	0.004 (J)		
3/17/2015	<0.005	<0.005	0.016	0.0016 (J)		
4/5/2015	<0.005	<0.005	0.016			
4/6/2015				0.00083 (J)		
4/21/2015	0.00095 (J)	0.0017 (J)				
4/22/2015			0.013	0.00085 (J)		
5/8/2015					<0.005	<0.005
5/17/2015					0.0015 (J)	<0.005
5/25/2015					<0.005	<0.005
6/8/2015					<0.005	<0.005
6/18/2015					<0.005	<0.005
6/24/2015					0.0012 (J)	0.00082 (J)
6/30/2015					0.00096 (J)	<0.005
7/6/2015					0.00091 (J)	<0.005
7/28/2015	<0.005	0.00097 (J)	0.02	<0.005		
8/12/2015					<0.005	<0.005
2/29/2016						<0.005
3/1/2016	<0.005	<0.005	0.0103 (J)			
3/2/2016				<0.005		
7/6/2016		<0.005				
7/7/2016	<0.005			<0.005	0.0066 (JD)	
7/8/2016			0.0152 (J)			<0.005
3/14/2017		0.0003 (J)	0.0085 (J)			
3/15/2017	<0.005				<0.005 (D)	<0.005
3/23/2017				<0.005		
9/15/2017	<0.005	<0.005	0.0058 (J)			<0.005
9/19/2017				0.0004 (J)	<0.005 (D)	
3/12/2018	<0.005	<0.005	0.0053 (J)			
3/13/2018				<0.005	<0.005	<0.005
9/6/2018	<0.005	<0.005	0.0054 (J)	<0.005		<0.005
9/7/2018					<0.005	
3/6/2019	<0.005		<0.005			
3/7/2019		<0.005		<0.005		<0.005
3/8/2019					<0.005	
9/4/2019	0.00023 (J)	<0.005	0.0082 (J)	<0.005 (D)	<0.005	<0.005
3/2/2020	<0.005	0.00043 (J)	0.0068 (J)	0.00019 (J)		0.00024 (J)
3/3/2020					0.00041 (J)	
9/3/2020	<0.005		0.0067 (J)	<0.005		<0.005
9/9/2020					0.0019 (J)	
9/14/2020		<0.005				
2/24/2021	<0.005		0.0083	<0.005		<0.005
2/25/2021					<0.005	
3/26/2021		<0.005				
7/27/2021		<0.005				<0.005
7/28/2021			0.014	<0.005	<0.005	
8/6/2021	<0.005					
1/25/2022				<0.005		<0.005

Time Series

Constituent: Copper (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
1/26/2022		<0.005	0.013		<0.005	

Time Series

Constituent: Copper (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.005				
5/9/2015	<0.005		<0.005	<0.005	<0.005	<0.005
5/17/2015		<0.005				
5/18/2015	<0.005		<0.005	<0.005	0.00093 (J)	
5/19/2015						<0.005
5/25/2015	<0.005	<0.005	<0.005			
5/26/2015				<0.005	<0.005	<0.005
6/8/2015	<0.005	<0.005				
6/9/2015			<0.005	<0.005	0.0014 (J)	<0.005
6/17/2015	<0.005		<0.005	<0.005	<0.005	<0.005
6/18/2015		<0.005				
6/24/2015	<0.005	<0.005				
6/25/2015			<0.005	<0.005	<0.005	<0.005
6/30/2015	<0.005	0.00093 (J)				
7/1/2015			<0.005	<0.005	0.0014 (J)	<0.005
7/6/2015	<0.005	<0.005				
7/7/2015			<0.005	0.0011 (J)	<0.005	<0.005
8/12/2015	<0.005	<0.005	<0.005			
8/13/2015				<0.005	<0.005	<0.005
3/2/2016	<0.005	<0.005	<0.005	<0.005		
3/3/2016					<0.005	<0.005
7/8/2016	<0.005		<0.005			
7/11/2016		<0.005		<0.005	<0.005	<0.005
3/15/2017			<0.005			<0.005
3/16/2017	<0.005	<0.005		<0.005	<0.005	
9/15/2017			0.0007 (J)	<0.005		0.002 (J)
9/18/2017					<0.005	
9/19/2017	0.0003 (J)	0.0003 (J)				
3/12/2018				<0.005	<0.005	
3/13/2018	<0.005	<0.005	<0.005			<0.005
9/6/2018			<0.005			
9/7/2018				<0.005	<0.005	<0.005
9/11/2018	<0.005	<0.005				
3/7/2019			<0.005		<0.005	<0.005
3/8/2019	<0.005			<0.005		
3/12/2019		<0.005				
9/4/2019						0.00047 (J)
9/5/2019	<0.005	<0.005	<0.005	<0.005	<0.005	
3/3/2020			0.00025 (J)	<0.005		
3/4/2020	0.00053 (J)	<0.005			<0.005	0.0003 (J)
9/4/2020				<0.005	<0.005	<0.005
9/8/2020	<0.005	<0.005	<0.005			
2/25/2021			<0.005	<0.005	<0.005	<0.005
2/26/2021	<0.005	<0.005				
7/27/2021			<0.005			
7/28/2021				<0.005	<0.005	<0.005
7/29/2021	<0.005	<0.005				
1/25/2022			<0.005			
1/26/2022	<0.005	<0.005		<0.005		<0.005
1/27/2022					<0.005	

Time Series

Constituent: Copper (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	0.0042 (J)					
9/17/2014		<0.005	<0.005	<0.005	<0.005	
9/18/2014						<0.005
10/4/2014	0.0024 (J)	0.0012 (J)	<0.005	0.00086 (J)	<0.005	
10/5/2014						<0.005
10/21/2014	0.002 (J)	0.0011 (J)	<0.005	<0.005	<0.005	
10/22/2014						<0.005
11/5/2014			<0.005		<0.005	<0.005
11/11/2014	0.0021 (J)	0.0015 (J)		<0.005		
3/3/2015	0.0017 (J)	0.0012 (J)	<0.005	<0.005	<0.005	
3/4/2015						<0.005
3/18/2015	0.0019 (J)	<0.005	<0.005	<0.005		
3/19/2015					<0.005	<0.005
4/6/2015	0.0014 (J)	0.00083 (J)				
4/7/2015			<0.005	<0.005	<0.005	<0.005
4/23/2015	0.0022 (J)	0.0012 (J)	<0.005	<0.005		
4/24/2015					<0.005	<0.005
7/29/2015	0.00098 (J)	<0.005	<0.005	<0.005	<0.005	
7/30/2015						<0.005
3/3/2016	<0.005 (D)					
3/4/2016		<0.005				
3/7/2016			<0.005	<0.005	<0.005	
3/8/2016						<0.005
7/13/2016	0.0022 (J)		<0.005	<0.005		
7/14/2016		0.0124 (J)			<0.005	<0.005
3/20/2017	0.002 (J)			<0.005		
3/21/2017		0.0005 (J)			0.0006 (J)	
3/22/2017						<0.005
3/23/2017			<0.005			
9/19/2017						0.0008 (J)
9/20/2017					0.0003 (J)	
9/21/2017	0.0018 (J)			0.0003 (J)		
9/22/2017		0.0007 (J)				
9/25/2017			<0.005			
3/14/2018	0.0017 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	<0.005			<0.005		
9/10/2018					<0.005	<0.005
9/11/2018		<0.005	<0.005			
3/11/2019	<0.005					
3/12/2019		<0.005	<0.005	<0.005	<0.005	<0.005
9/6/2019				<0.005		<0.005 (D)
9/9/2019	0.00082 (J)		<0.005		<0.005	
9/10/2019		<0.005				
3/4/2020	0.0024 (J)				0.00036 (J)	
3/5/2020		0.00023 (J)		<0.005		<0.005
3/6/2020			0.00023 (J)			
9/4/2020						<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005	
2/26/2021			<0.005	<0.005	<0.005	
3/9/2021	0.0025 (J)					<0.005
3/10/2021		<0.005				
7/29/2021			<0.005	<0.005		

Time Series

Constituent: Copper (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
7/30/2021	0.0024 (J)	<0.005				
8/2/2021						<0.005
8/5/2021					<0.005	
1/27/2022				<0.005	<0.005	<0.005
1/28/2022	0.00088 (J)	<0.005	<0.005			

Time Series

Constituent: Copper (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.005	<0.005
9/18/2014	<0.005	<0.005	<0.005		
10/4/2014				<0.005	<0.005
10/5/2014	0.0016 (J)	<0.005	<0.005		
10/22/2014	0.0018 (J)	<0.005	<0.005		
10/23/2014				<0.005	<0.005
11/5/2014	0.0015 (J)	<0.005	0.001 (J)		
11/10/2014				<0.005	<0.005
3/4/2015	<0.005	<0.005	0.0014 (J)	<0.005	<0.005
3/19/2015	<0.005	<0.005			
3/20/2015			<0.005	<0.005	<0.005
4/8/2015	<0.005	<0.005	0.0014 (J)	<0.005	
4/9/2015					<0.005
4/23/2015			<0.005	0.0011 (J)	<0.005
4/24/2015	0.0016 (J)	<0.005			
7/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2016				<0.005	
3/7/2016		<0.005			
3/8/2016	<0.005				<0.005
3/9/2016			<0.005		
7/12/2016				<0.005	
7/14/2016		<0.005			
7/15/2016	0.0009 (J)		<0.005		
7/18/2016					<0.005
3/16/2017					<0.005
3/20/2017		0.0012 (J)		0.0003 (J)	
3/21/2017	0.0009 (J)				
3/22/2017			0.0005 (J)		
9/19/2017	0.0006 (J)	<0.005		<0.005	<0.005
9/21/2017			0.0005 (J)		
3/13/2018		<0.005		<0.005	<0.005
3/14/2018	<0.005		<0.005		
9/7/2018		<0.005			
9/10/2018	<0.005				
9/11/2018			<0.005	<0.005	<0.005
3/8/2019				<0.005	<0.005
3/11/2019	<0.005	<0.005			
3/12/2019			<0.005		
9/5/2019		<0.005		0.001 (JD)	<0.005
9/6/2019	0.01 (J)		0.00037 (J)		
3/3/2020	0.00049 (J)	0.00022 (J)		0.00097 (J)	0.00027 (J)
3/5/2020			0.0003 (J)		
9/4/2020					<0.005
9/8/2020	<0.005	<0.005			
9/9/2020			<0.005	0.0017 (J)	
3/9/2021	<0.005	<0.005		<0.005	<0.005
3/10/2021			<0.005		
7/29/2021				0.00051 (J)	
7/30/2021			<0.005		
8/2/2021	0.00081 (J)	<0.005			<0.005
1/27/2022		<0.005			<0.005
1/28/2022	<0.005		0.00068 (J)	<0.005	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
2/29/2016						0.0375 (J)
3/1/2016	0.0153 (J)	0.0172 (J)	0.0215 (J)			
3/2/2016				0.0121 (J)		
5/2/2016	0.018 (J)	0.018 (J)				
5/3/2016			0.023 (J)	0.013 (J)		
5/4/2016					0.057 (JD)	0.04 (J)
7/6/2016		0.02 (J)				
7/7/2016	<0.1			<0.1	0.09 (JD)	
7/8/2016			0.02 (J)			0.11 (J)
9/7/2016	<0.1	<0.1	<0.1			
9/8/2016				<0.1	0.03 (JD)	<0.1
10/25/2016	<0.1	0.03 (J)	0.04 (J)	0.03 (J)		
10/26/2016					0.15 (JD)	0.04 (J)
1/5/2017	<0.1	0.03 (J)				
1/6/2017			<0.1		0.11 (JD)	0.04 (J)
2/9/2017				<0.1		
3/14/2017		<0.1	<0.1			
3/15/2017	<0.1				0.004 (JD)	<0.1
3/23/2017				<0.1		
5/16/2017		<0.1	<0.1			
5/17/2017	<0.1			<0.1		0.01 (J)
5/18/2017					0.007 (JD)	
7/19/2017					0.12 (JD)	
9/15/2017	<0.1	<0.1	<0.1			<0.1
9/19/2017				<0.1	0.07 (JD)	
3/12/2018	<0.1	<0.1	<0.1			
3/13/2018				<0.1	0.16 (J)	0.084 (J)
9/6/2018	<0.1	<0.1	<0.1	<0.1		<0.1
9/7/2018					<0.1	
3/6/2019	<0.1		<0.1			
3/7/2019		<0.1		<0.1		<0.1
3/8/2019					0.075 (J)	
9/4/2019	<0.1	<0.1	<0.1	<0.1 (D)	<0.1	<0.1
3/2/2020	<0.1	<0.1	<0.1	<0.1		<0.1
3/3/2020					<0.1	
9/3/2020	<0.1		<0.1	<0.1		<0.1
9/9/2020					<0.1	
9/14/2020		<0.1				
2/24/2021	<0.1		<0.1	<0.1		<0.1
2/25/2021					<0.1	
3/26/2021		<0.1				
7/27/2021		<0.1				<0.1
7/28/2021			<0.1	<0.1	<0.1	
8/6/2021	<0.1					
1/25/2022				<0.1		<0.1
1/26/2022		<0.1	<0.1		<0.1	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
3/2/2016	0.0202 (J)	0.0238 (J)	0.0427 (J)	0.0293 (J)		
3/3/2016					0.0392 (J)	0.1143 (J)
5/3/2016	0.025 (J)	0.027 (J)		0.049 (J)	0.058 (J)	
5/4/2016			0.048 (J)			
5/9/2016						0.0383 (J)
7/8/2016	0.09 (J)		0.12 (J)			
7/11/2016		<0.1		<0.1	<0.1	<0.1
9/7/2016		<0.1				
9/8/2016	<0.1		<0.1			
9/9/2016				0.05 (J)	0.02 (J)	0.1 (J)
10/26/2016	0.04 (J)		0.11 (J)	0.08 (J)		0.2 (J)
10/27/2016		0.1 (J)			0.12 (J)	
1/6/2017		0.02 (J)				
1/9/2017	0.02 (J)		0.04 (J)	0.05 (J)	0.06 (J)	0.26 (J)
3/15/2017			0.009 (J)			0.19 (J)
3/16/2017	<0.1	0.04 (J)		0.07 (J)	0.08 (J)	
5/18/2017			0.02 (J)	<0.1	0.04 (J)	0.19 (J)
5/19/2017	<0.1	0.004 (J)				
9/15/2017			0.03 (J)	<0.1		0.24 (J)
9/18/2017				<0.1		
9/19/2017	<0.1	<0.1				
3/12/2018				<0.1	<0.1	
3/13/2018	<0.1	0.032 (J)	0.054 (J)			0.4
9/6/2018			<0.1			
9/7/2018				<0.1	<0.1	0.14 (J)
9/11/2018	<0.1	<0.1				
3/7/2019			<0.1		<0.1	0.089 (J)
3/8/2019	<0.1			<0.1		
3/12/2019		0.046 (J)				
9/4/2019						0.11 (J)
9/5/2019	<0.1	<0.1	<0.1	<0.1	<0.1	
3/3/2020			<0.1	<0.1		
3/4/2020	<0.1	<0.1			<0.1	0.086 (J)
9/4/2020				<0.1	<0.1	0.086 (J)
9/8/2020	<0.1	<0.1	<0.1			
2/25/2021			<0.1	<0.1	<0.1	0.097 (J)
2/26/2021	<0.1	<0.1				
7/27/2021			<0.1			
7/28/2021				<0.1	<0.1	0.091 (J)
7/29/2021	<0.1	<0.1				
1/25/2022			<0.1			
1/26/2022	<0.1	<0.1		<0.1		0.076 (J)
1/27/2022				<0.1		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/3/2016	0.06259 (JD)					
3/4/2016		2.1421 (O)				
3/7/2016			0.00623 (J)	0.00232 (J)	<0.1	
3/8/2016						0.00425 (J)
5/5/2016			0.045 (J)	0.025 (J)		
5/9/2016					0.0246 (J)	0.0259 (J)
5/10/2016	0.0767 (J)	0.0258 (J)				
7/13/2016	<0.1		<0.1	<0.1		
7/14/2016		<0.1			<0.1	<0.1
9/12/2016				0.02 (J)	0.03 (J)	0.03 (J)
9/13/2016			0.07 (J)			
9/14/2016		<0.1				
9/15/2016	<0.1					
10/31/2016			0.05 (J)		0.05 (J)	0.11 (J)
11/1/2016		0.06 (J)		0.05 (J)		
11/2/2016	0.08 (J)					
1/11/2017	0.19 (J)	0.33		<0.1	<0.1	
1/12/2017			0.06 (J)			0.02 (J)
3/20/2017	0.18 (J)			<0.1		
3/21/2017		0.03 (J)			<0.1	
3/22/2017						0.1 (J)
3/23/2017			0.03 (J)			
5/22/2017				<0.1	<0.1	0.02 (J)
5/23/2017	0.1 (J)	0.004 (J)	0.02 (J)			
9/19/2017						<0.1
9/20/2017					<0.1	
9/21/2017	<0.1			<0.1		
9/22/2017		0.04 (J)				
9/25/2017			0.1 (J)			
3/14/2018	0.17 (J)	<0.1	0.12 (J)	0.12 (J)	0.045 (J)	0.035 (J)
9/7/2018	<0.1			<0.1		
9/10/2018					<0.1	<0.1
9/11/2018		<0.1	<0.1			
3/11/2019	0.23 (J)					
3/12/2019		0.056 (J)	0.05 (J)	0.042 (J)	0.04 (J)	0.048 (J)
9/6/2019				<0.1		<0.1 (D)
9/9/2019	<0.1		<0.1		<0.1	
9/10/2019		<0.1				
3/4/2020	0.29 (J)				<0.1	
3/5/2020		<0.1		<0.1		<0.1
3/6/2020			<0.1			
9/4/2020						<0.1
9/9/2020	0.17 (J)	<0.1	<0.1	<0.1	<0.1	
2/26/2021			<0.1	<0.1	<0.1	
3/9/2021	0.25					<0.1
3/10/2021		<0.1				
7/29/2021			<0.1	<0.1		
7/30/2021	0.16	<0.1				
8/2/2021						<0.1
8/5/2021					<0.1	
1/27/2022				<0.1	<0.1	<0.1
1/28/2022	0.17	<0.1	<0.1			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/4/2016				<0.1	
3/7/2016		0.00526 (J)			
3/8/2016	0.00287 (J)				0.00246 (J)
3/9/2016			<0.1		
5/4/2016					0.027 (J)
5/5/2016		0.049 (J)		0.039 (J)	
5/6/2016			0.056 (J)		
5/9/2016	0.0222 (J)				
7/12/2016				<0.1	
7/14/2016		<0.1			
7/15/2016	<0.1		<0.1		
7/18/2016					<0.1
9/9/2016	0.03 (J)				
9/12/2016		0.06 (J)			
9/13/2016				0.04 (J)	0.03 (J)
9/14/2016			0.02 (J)		
10/27/2016	0.1 (J)	0.12 (J)		0.11 (J)	0.1 (J)
11/1/2016			0.07 (J)		
1/12/2017	0.11 (J)				
1/13/2017		0.04 (J)		<0.1	<0.1
1/25/2017			0.01 (J)		
3/16/2017					<0.1
3/20/2017		0.06 (J)		<0.1	
3/21/2017	<0.1				
3/22/2017			0.02 (J)		
5/19/2017				0.01 (J)	<0.1
5/23/2017	<0.1	0.02 (J)			
5/24/2017			<0.1		
9/19/2017	<0.1	<0.1		<0.1	<0.1
9/21/2017			0.17 (J)		
3/13/2018		0.046 (J)		0.091 (J)	<0.1
3/14/2018	<0.1		0.18 (J)		
9/7/2018		<0.1			
9/10/2018	<0.1				
9/11/2018			<0.1	<0.1	<0.1
3/8/2019				<0.1	<0.1
3/11/2019	0.51 (o)	<0.1			
3/12/2019			0.06 (J)		
6/18/2019	<0.1				
9/5/2019		<0.1		<0.1 (D)	<0.1
9/6/2019	<0.1		<0.1		
3/3/2020	<0.1	<0.1		<0.1	<0.1
3/5/2020			<0.1		
9/4/2020					<0.1
9/8/2020	<0.1	<0.1			
9/9/2020			<0.1	<0.1	
3/9/2021	<0.1	<0.1		<0.1	<0.1
3/10/2021			<0.1		
7/29/2021				<0.1	
7/30/2021			<0.1		
8/2/2021	<0.1	<0.1			<0.1
1/27/2022		<0.1			<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
1/28/2022	<0.1		<0.1	<0.1	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.001	0.0069 (Jo)				
9/16/2014			<0.001	<0.001		
10/3/2014	<0.001	<0.001	<0.001	<0.001		
10/20/2014	<0.001	<0.001	<0.001	<0.001		
11/10/2014	<0.001	<0.001	<0.001	<0.001		
3/2/2015	<0.001	<0.001	<0.001	0.0047 (J)		
3/17/2015	<0.001	<0.001	<0.001	<0.001		
4/5/2015	<0.001	<0.001	<0.001			
4/6/2015				<0.001		
4/21/2015	0.0025 (J)	<0.001				
4/22/2015			<0.001	<0.001		
5/8/2015					<0.001	<0.001
5/17/2015					<0.001	<0.001
5/25/2015					<0.001	<0.001
6/8/2015					<0.001	<0.001
6/18/2015					<0.001	<0.001
6/24/2015					<0.001	<0.001
6/30/2015					<0.001	<0.001
7/6/2015					<0.001	<0.001
7/28/2015	<0.001	<0.001	<0.001	<0.001		
8/12/2015					<0.001	<0.001
2/29/2016						<0.001
3/1/2016	<0.001	<0.001	<0.001			
3/2/2016				<0.001		
5/2/2016	<0.001	<0.001				
5/3/2016			<0.001	<0.001		
5/4/2016					<0.001 (D)	<0.001
7/6/2016		0.0004 (J)				
7/7/2016	0.0001 (J)			0.0001 (J)	0.0002 (JD)	
7/8/2016			0.0001 (J)			<0.001
9/7/2016	0.0001 (J)	<0.001	0.0001 (J)			
9/8/2016				0.0001 (J)	<0.001 (D)	<0.001
10/25/2016	<0.001	0.0001 (J)	<0.001	0.0002 (J)		
10/26/2016					<0.001 (D)	<0.001
1/5/2017	0.0001 (J)	0.0002 (J)				
1/6/2017			<0.001		<0.001 (D)	<0.001
2/9/2017				<0.001		
3/14/2017		0.0003 (J)	0.0001 (J)			
3/15/2017	0.0002 (J)				<0.001 (D)	<0.001
3/23/2017				0.0001 (J)		
5/16/2017		<0.001	<0.001			
5/17/2017	8E-05 (J)			0.0001 (J)		<0.001
5/18/2017					<0.001 (D)	
7/19/2017					<0.001 (D)	
9/15/2017	0.0003 (J)	8E-05 (J)	<0.001			<0.001
9/19/2017				<0.001	<0.001 (D)	
3/12/2018	<0.001	<0.001	<0.001			
3/13/2018				<0.001	<0.001	<0.001
9/6/2018	<0.001	<0.001	<0.001	<0.001		<0.001
9/7/2018					<0.001	
3/6/2019	<0.001		<0.001			
3/7/2019		<0.001		<0.001		<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					<0.001	
9/4/2019	7.6E-05 (J)	<0.001	<0.001	<0.001 (D)	<0.001	<0.001
3/2/2020	5.2E-05 (J)	0.00031 (J)	<0.001	<0.001		<0.001
3/3/2020					5.1E-05 (J)	
9/3/2020	0.00012 (J)		<0.001	<0.001		<0.001
9/9/2020					8.9E-05 (J)	
9/14/2020		0.00065 (J)				
2/24/2021	6.2E-05 (J)		<0.001	<0.001		<0.001
2/25/2021					<0.001	
3/26/2021		0.00095 (J)				
7/27/2021		<0.001				<0.001
7/28/2021			0.13 (o)	<0.001	<0.001	
8/6/2021	<0.001					
1/25/2022				<0.001		<0.001
1/26/2022		<0.001	<0.001		<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.001				
5/9/2015	<0.001		<0.001	<0.001	<0.001	<0.001
5/17/2015		<0.001				
5/18/2015	<0.001		<0.001	<0.001	<0.001	
5/19/2015						<0.001
5/25/2015	<0.001	<0.001	<0.001			
5/26/2015				<0.001	<0.001	<0.001
6/8/2015	<0.001	<0.001				
6/9/2015			<0.001	<0.001	<0.001	<0.001
6/17/2015	<0.001		<0.001	<0.001	<0.001	<0.001
6/18/2015		<0.001				
6/24/2015	<0.001	<0.001				
6/25/2015			<0.001	<0.001	<0.001	<0.001
6/30/2015	<0.001	<0.001				
7/1/2015			<0.001	<0.001	<0.001	<0.001
7/6/2015	<0.001	<0.001				
7/7/2015			<0.001	<0.001	<0.001	<0.001
8/12/2015	<0.001	<0.001	<0.001			
8/13/2015				<0.001	<0.001	<0.001
3/2/2016	<0.001	<0.001	<0.001	<0.001		
3/3/2016					<0.001	<0.001
5/3/2016	<0.001	<0.001		<0.001	<0.001	
5/4/2016			<0.001			
5/9/2016						<0.001
7/8/2016	0.0002 (J)		<0.001			
7/11/2016		<0.001		<0.001	0.0001 (J)	0.0003 (J)
9/7/2016		<0.001				
9/8/2016	0.0002 (J)		<0.001			
9/9/2016				<0.001	<0.001	0.0001 (J)
10/26/2016	<0.001		<0.001	<0.001		<0.001
10/27/2016		<0.001			0.0001 (J)	
1/6/2017		<0.001				
1/9/2017	<0.001		<0.001	<0.001	<0.001	<0.001
3/15/2017			<0.001			0.0001 (J)
3/16/2017	0.0001 (J)	5E-05 (J)		7E-05 (J)	0.0001 (J)	
5/18/2017			<0.001	0.0001 (J)	7E-05 (J)	0.0001 (J)
5/19/2017	9E-05 (J)	0.0001 (J)				
9/15/2017			<0.001	<0.001		0.0001 (J)
9/18/2017					<0.001	
9/19/2017	0.0001 (J)	<0.001				
3/12/2018				<0.001	<0.001	
3/13/2018	<0.001	<0.001	<0.001			<0.001
9/6/2018			<0.001			
9/7/2018				<0.001	<0.001	<0.001
9/11/2018	<0.001	<0.001				
3/7/2019			<0.001		<0.001	<0.001
3/8/2019	<0.001			<0.001		
3/12/2019		<0.001				
9/4/2019						<0.001
9/5/2019	8E-05 (J)	8.3E-05 (J)	<0.001	<0.001	<0.001	
3/3/2020			4.8E-05 (J)	4.8E-05 (J)		
3/4/2020	0.00016 (J)	6.6E-05 (J)			<0.001	5E-05 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/4/2020				0.0001 (J)	<0.001	<0.001
9/8/2020	0.00012 (J)	0.0006 (J)	<0.001			
2/25/2021			<0.001	9E-05 (J)	3.8E-05 (J)	4.5E-05 (J)
2/26/2021	0.00012 (J)	6.4E-05 (J)				
7/27/2021			<0.001			
7/28/2021				<0.001	<0.001	<0.001
7/29/2021	<0.001	<0.001				
1/25/2022			<0.001			
1/26/2022	<0.001	<0.001		<0.001		<0.001
1/27/2022					<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	<0.001					
9/17/2014		<0.001	<0.001	<0.001	<0.001	
9/18/2014						<0.001
10/4/2014	<0.001	<0.001	<0.001	<0.001	<0.001	
10/5/2014						<0.001
10/21/2014	<0.001	<0.001	<0.001	<0.001	<0.001	
10/22/2014						<0.001
11/5/2014			<0.001		<0.001	<0.001
11/11/2014	<0.001	<0.001		<0.001		
3/3/2015	<0.001	<0.001	<0.001	<0.001	<0.001	
3/4/2015						<0.001
3/18/2015	<0.001	<0.001	<0.001	<0.001		
3/19/2015					<0.001	<0.001
4/6/2015	<0.001	<0.001				
4/7/2015			<0.001	<0.001	<0.001	<0.001
4/23/2015	<0.001	<0.001	<0.001	<0.001		
4/24/2015					<0.001	<0.001
7/29/2015	<0.001	<0.001	<0.001	<0.001	<0.001	
7/30/2015						<0.001
3/3/2016	<0.001 (D)					
3/4/2016		<0.001				
3/7/2016			<0.001	<0.001	<0.001	
3/8/2016						<0.001
5/5/2016			<0.001	<0.001		
5/9/2016					<0.001	<0.001
5/10/2016	<0.001	<0.001				
7/13/2016	<0.001		0.0001 (J)	<0.001		
7/14/2016		0.0006 (J)			9E-05 (J)	<0.001
9/12/2016				0.0002 (J)	<0.001	<0.001
9/13/2016			<0.001			
9/14/2016		<0.001				
9/15/2016	<0.001					
10/31/2016			<0.001		<0.001	<0.001
11/1/2016		<0.001		0.0001 (J)		
11/2/2016	<0.001					
1/11/2017	0.0001 (J)	<0.001		<0.001	<0.001	
1/12/2017			0.0002 (J)			<0.001
3/20/2017	<0.001			7E-05 (J)		
3/21/2017		<0.001			7E-05 (J)	
3/22/2017						<0.001
3/23/2017			0.0002 (J)			
5/22/2017				<0.001	<0.001	<0.001
5/23/2017	8E-05 (J)	<0.001	0.0002 (J)			
9/19/2017						<0.001
9/20/2017					0.0004 (J)	
9/21/2017	9E-05 (J)			0.0003 (J)		
9/22/2017		<0.001				
9/25/2017			8E-05 (J)			
3/14/2018	<0.001	<0.001	<0.001	0.00035 (J)	<0.001	<0.001
9/7/2018	<0.001			<0.001		
9/10/2018					<0.001	<0.001
9/11/2018		<0.001	<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	<0.001					
3/12/2019		<0.001	<0.001	<0.001	<0.001	<0.001
9/6/2019				<0.001		<0.001 (D)
9/9/2019	<0.001		5E-05 (J)		<0.001	
9/10/2019		<0.001				
3/4/2020	<0.001				0.0003 (J)	
3/5/2020		<0.001		0.00032 (J)		<0.001
3/6/2020			0.00013 (J)			
9/4/2020						<0.001
9/9/2020	0.00017 (J)	<0.001	6E-05 (J)	0.00025 (J)	<0.001	
2/26/2021			9.4E-05 (J)	0.00025 (J)	<0.001	
3/9/2021	0.00011 (J)					<0.001
3/10/2021		<0.001				
7/29/2021			<0.001	<0.001		
7/30/2021	<0.001	<0.001				
8/2/2021						<0.001
8/5/2021					<0.001	
1/27/2022				<0.001	<0.001	<0.001
1/28/2022	<0.001	<0.001	<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.001	<0.001
9/18/2014	<0.001	<0.001	<0.001		
10/4/2014				<0.001	<0.001
10/5/2014	<0.001	<0.001	<0.001		
10/22/2014	<0.001	<0.001	<0.001		
10/23/2014				<0.001	<0.001
11/5/2014	<0.001	<0.001	<0.001		
11/10/2014				<0.001	<0.001
3/4/2015	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2015	<0.001	<0.001			
3/20/2015			<0.001	<0.001	<0.001
4/8/2015	<0.001	<0.001	<0.001	<0.001	
4/9/2015					<0.001
4/23/2015			<0.001	<0.001	<0.001
4/24/2015	<0.001	<0.001			
7/30/2015	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2016				<0.001	
3/7/2016		<0.001			
3/8/2016	<0.001				<0.001
3/9/2016			<0.001		
5/4/2016					<0.001
5/5/2016		<0.001		<0.001	
5/6/2016			<0.001		
5/9/2016	<0.001				
7/12/2016				<0.001	
7/14/2016		<0.001			
7/15/2016	<0.001		<0.001		
7/18/2016					0.0001 (J)
9/9/2016	<0.001				
9/12/2016		<0.001			
9/13/2016				<0.001	<0.001
9/14/2016			<0.001		
10/27/2016	<0.001	<0.001		<0.001	<0.001
11/1/2016			<0.001		
1/12/2017	<0.001				
1/13/2017		0.0001 (J)		<0.001	<0.001
1/25/2017			<0.001		
3/16/2017					0.0003 (J)
3/20/2017		7E-05 (J)		0.0001 (J)	
3/21/2017	6E-05 (J)				
3/22/2017			<0.001		
5/19/2017				<0.001	0.0001 (J)
5/23/2017	<0.001	<0.001			
5/24/2017			0.0001 (J)		
9/19/2017	<0.001	0.0001 (J)		0.0002 (J)	<0.001
9/21/2017			<0.001		
3/13/2018		<0.001		<0.001	<0.001
3/14/2018	<0.001		<0.001		
9/7/2018		<0.001			
9/10/2018	<0.001				
9/11/2018			<0.001	<0.001	<0.001
3/8/2019				<0.001	0.00035 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	<0.001	<0.001			
3/12/2019			<0.001		
9/5/2019		<0.001		9.05E-05 (JD)	6E-05 (J)
9/6/2019	0.0016 (J)		6.8E-05 (J)		
3/3/2020	<0.001	5.9E-05 (J)		5.7E-05 (J)	5.9E-05 (J)
3/5/2020			5.2E-05 (J)		
9/4/2020					0.00012 (J)
9/8/2020	6.7E-05 (J)	<0.001			
9/9/2020			<0.001	0.0001 (J)	
3/9/2021	<0.001	<0.001		<0.001	<0.001
3/10/2021			<0.001		
7/29/2021				<0.001	
7/30/2021			<0.001		
8/2/2021	<0.001	<0.001			<0.001
1/27/2022		<0.001			<0.001
1/28/2022	<0.001		<0.001	<0.001	

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.0002	0.000172 (J)				
9/16/2014			4.23E-05 (J)	2.75E-05 (J)		
10/3/2014	<0.0002	<0.0002	<0.0002	<0.0002		
10/20/2014	<0.0002	<0.0002	3.87E-05 (J)	4.07E-05 (J)		
11/10/2014	5.8E-05 (J)	3.84E-05 (J)	3.34E-05 (J)	6.86E-05 (J)		
3/2/2015	2.04E-05 (J)	<0.0002	<0.0002	3.07E-05 (J)		
3/17/2015	<0.0002	<0.0002	<0.0002	<0.0002		
4/5/2015	<0.0002	<0.0002	<0.0002			
4/6/2015				<0.0002		
4/21/2015	<0.0002	2.39E-05 (J)				
4/22/2015			<0.0002	<0.0002		
5/8/2015					<0.0002	<0.0002
5/17/2015					0.000101 (J)	<0.0002
5/25/2015					4.88E-05 (J)	<0.0002
6/8/2015					<0.0002	<0.0002
6/18/2015					4.1E-05 (J)	<0.0002
6/24/2015					8.41E-05 (J)	<0.0002
6/30/2015					<0.0002	<0.0002
7/6/2015					<0.0002	<0.0002
7/28/2015	2.13E-05 (J)	5.2E-05 (J)	<0.0002	<0.0002		
8/12/2015					4.91E-05 (J)	<0.0002
2/29/2016						<0.0002
3/1/2016	<0.0002	<0.0002	<0.0002			
3/2/2016				<0.0002		
5/2/2016	<0.0002	<0.0002				
5/3/2016			<0.0002	<0.0002		
5/4/2016					<0.0002 (D)	<0.0002
7/6/2016		<0.0002				
7/7/2016	<0.0002			<0.0002	<0.0002 (D)	
7/8/2016			<0.0002			<0.0002
9/7/2016	<0.0002	<0.0002	<0.0002			
9/8/2016				<0.0002	<0.0002 (D)	<0.0002
10/25/2016	<0.0002	<0.0002	<0.0002	<0.0002		
10/26/2016					<0.0002 (D)	<0.0002
1/5/2017	<0.0002	<0.0002				
1/6/2017			<0.0002		<0.0002 (D)	<0.0002
2/9/2017				<0.0002		
3/14/2017		<0.0002	<0.0002			
3/15/2017	<0.0002				<0.0002 (D)	<0.0002
3/23/2017				<0.0002		
5/16/2017		<0.0002	<0.0002			
5/17/2017	<0.0002			<0.0002		<0.0002
5/18/2017					<0.0002 (D)	
7/19/2017					<0.0002 (D)	
9/15/2017	<0.0002	<0.0002	<0.0002			<0.0002
9/19/2017				<0.0002	<0.0002 (D)	
3/12/2018	<0.0002	<0.0002	<0.0002			
3/13/2018				<0.0002	<0.0002	<0.0002
9/6/2018	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
9/7/2018					<0.0002	
3/6/2019	<0.0002		<0.0002			
3/7/2019		<0.0002		<0.0002		<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					<0.0002	
9/4/2019	<0.0002	<0.0002	<0.0002	<0.0002 (D)	<0.0002	<0.0002
3/2/2020	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
3/3/2020					<0.0002	
9/3/2020	<0.0002		<0.0002	<0.0002		<0.0002
9/9/2020					<0.0002	
9/14/2020		<0.0002				
2/24/2021	<0.0002		9.1E-05 (J)	0.00013 (J)		<0.0002
2/25/2021					<0.0002	
3/26/2021		<0.0002				
7/27/2021		<0.0002				<0.0002
7/28/2021			<0.0002	<0.0002	<0.0002	
8/6/2021	0.00021					
1/25/2022				<0.0002		<0.0002
1/26/2022		<0.0002	<0.0002		<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.0002				
5/9/2015	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
5/17/2015		<0.0002				
5/18/2015	<0.0002		<0.0002	<0.0002	<0.0002	
5/19/2015						<0.0002
5/25/2015	<0.0002	<0.0002	<0.0002			
5/26/2015				<0.0002	<0.0002	<0.0002
6/8/2015	<0.0002	<0.0002				
6/9/2015			<0.0002	<0.0002	<0.0002	<0.0002
6/17/2015	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
6/18/2015		<0.0002				
6/24/2015	<0.0002	<0.0002				
6/25/2015			<0.0002	<0.0002	<0.0002	<0.0002
6/30/2015	<0.0002	<0.0002				
7/1/2015			<0.0002	<0.0002	<0.0002	<0.0002
7/6/2015	<0.0002	<0.0002				
7/7/2015			<0.0002	<0.0002	<0.0002	<0.0002
8/12/2015	<0.0002	<0.0002	<0.0002			
8/13/2015				<0.0002	<0.0002	<0.0002
3/2/2016	<0.0002	<0.0002	<0.0002	<0.0002		
3/3/2016					<0.0002	<0.0002
5/3/2016	<0.0002	<0.0002		<0.0002	<0.0002	
5/4/2016			<0.0002			
5/9/2016						<0.0002
7/8/2016	<0.0002		<0.0002			
7/11/2016		<0.0002		<0.0002	<0.0002	<0.0002
9/7/2016		<0.0002				
9/8/2016	<0.0002		<0.0002			
9/9/2016				<0.0002	<0.0002	<0.0002
10/26/2016	<0.0002		<0.0002	<0.0002		<0.0002
10/27/2016		<0.0002			<0.0002	
1/6/2017		<0.0002				
1/9/2017	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
3/15/2017			<0.0002			<0.0002
3/16/2017	<0.0002	<0.0002		<0.0002	<0.0002	
5/18/2017			<0.0002	<0.0002	<0.0002	<0.0002
5/19/2017	<0.0002	<0.0002				
9/15/2017			<0.0002	<0.0002		<0.0002
9/18/2017					<0.0002	
9/19/2017	<0.0002	<0.0002				
3/12/2018				<0.0002	<0.0002	
3/13/2018	<0.0002	<0.0002	<0.0002			<0.0002
9/6/2018			<0.0002			
9/7/2018				<0.0002	<0.0002	<0.0002
9/11/2018	<0.0002	<0.0002				
3/7/2019			<0.0002		<0.0002	<0.0002
3/8/2019	<0.0002			<0.0002		
3/12/2019		<0.0002				
9/4/2019						<0.0002
9/5/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/3/2020			<0.0002	<0.0002		
3/4/2020	<0.0002	<0.0002			<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/4/2020				<0.0002	<0.0002	<0.0002
9/8/2020	<0.0002	<0.0002	<0.0002			
2/25/2021			<0.0002	<0.0002	<0.0002	<0.0002
2/26/2021	<0.0002	<0.0002				
7/27/2021			<0.0002			
7/28/2021				<0.0002	<0.0002	<0.0002
7/29/2021	<0.0002	<0.0002				
1/25/2022			<0.0002			
1/26/2022	<0.0002	<0.0002		<0.0002		<0.0002
1/27/2022					<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	2.69E-05 (J)					
9/17/2014		2.97E-05 (J)	4.24E-05 (J)	3.5E-05 (J)	4.15E-05 (J)	
9/18/2014						5.34E-05 (J)
10/4/2014	<0.0002	<0.0002	2.5E-05 (J)	<0.0002	<0.0002	
10/5/2014						<0.0002
10/21/2014	3.18E-05 (J)	5.02E-05 (J)	6.4E-05 (J)	5.35E-05 (J)	5.89E-05 (J)	
10/22/2014						4.88E-05 (J)
11/5/2014			7.02E-05 (J)		7.28E-05 (J)	2.85E-05 (J)
11/11/2014	<0.0002	3.66E-05 (J)		4.64E-05 (J)		
3/3/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/4/2015						<0.0002
3/18/2015	<0.0002	<0.0002	<0.0002	<0.0002		
3/19/2015					<0.0002	<0.0002
4/6/2015	<0.0002	<0.0002				
4/7/2015			<0.0002	<0.0002	<0.0002	<0.0002
4/23/2015	<0.0002	<0.0002	<0.0002	<0.0002		
4/24/2015					<0.0002	<0.0002
7/29/2015	<0.0002	<0.0002	3.14E-05 (J)	<0.0002	<0.0002	
7/30/2015						<0.0002
3/3/2016	<0.0002 (D)					
3/4/2016		<0.0002				
3/7/2016			<0.0002	<0.0002	<0.0002	
3/8/2016						<0.0002
5/5/2016			<0.0002	<0.0002		
5/9/2016					<0.0002	<0.0002
5/10/2016	<0.0002	<0.0002				
7/13/2016	<0.0002		<0.0002	<0.0002		
7/14/2016		<0.0002			<0.0002	<0.0002
9/12/2016				<0.0002	<0.0002	<0.0002
9/13/2016			<0.0002			
9/14/2016		<0.0002				
9/15/2016	<0.0002					
10/31/2016			<0.0002		<0.0002	<0.0002
11/1/2016		<0.0002		<0.0002		
11/2/2016	<0.0002					
1/11/2017	<0.0002	<0.0002		<0.0002	<0.0002	
1/12/2017			<0.0002			<0.0002
3/20/2017	<0.0002			<0.0002		
3/21/2017		<0.0002			<0.0002	
3/22/2017						<0.0002
3/23/2017			<0.0002			
5/22/2017				<0.0002	<0.0002	<0.0002
5/23/2017	<0.0002	<0.0002	<0.0002			
9/19/2017						<0.0002
9/20/2017					<0.0002	
9/21/2017	<0.0002			<0.0002		
9/22/2017		<0.0002				
9/25/2017			<0.0002			
3/14/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/7/2018	<0.0002			<0.0002		
9/10/2018					<0.0002	<0.0002
9/11/2018		<0.0002	<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	<0.0002					
3/12/2019		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/6/2019				<0.0002		<0.0002 (D)
9/9/2019	<0.0002		<0.0002		<0.0002	
9/10/2019		<0.0002				
3/4/2020	<0.0002				<0.0002	
3/5/2020		<0.0002		<0.0002		<0.0002
3/6/2020			<0.0002			
9/4/2020						<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
2/26/2021			<0.0002	<0.0002	<0.0002	
3/9/2021	<0.0002					<0.0002
3/10/2021		<0.0002				
7/29/2021			<0.0002	<0.0002		
7/30/2021	<0.0002	<0.0002				
8/2/2021						<0.0002
8/5/2021					9.4E-05 (J)	
1/27/2022				<0.0002	<0.0002	<0.0002
1/28/2022	<0.0002	<0.0002	<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				2.81E-05 (J)	3.13E-05 (J)
9/18/2014	<0.0002	2.54E-05 (J)	2.82E-05 (J)		
10/4/2014				<0.0002	<0.0002
10/5/2014	<0.0002	<0.0002	<0.0002		
10/22/2014	2.57E-05 (J)	2.83E-05 (J)	<0.0002		
10/23/2014				<0.0002	4.6E-05 (J)
11/5/2014	<0.0002	0.0002	4.83E-05 (J)		
11/10/2014				5.15E-05 (J)	2.5E-05 (J)
3/4/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2015	<0.0002	<0.0002			
3/20/2015			<0.0002	<0.0002	<0.0002
4/8/2015	<0.0002	<0.0002	<0.0002	<0.0002	
4/9/2015					<0.0002
4/23/2015			<0.0002	<0.0002	<0.0002
4/24/2015	<0.0002	<0.0002			
7/30/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/4/2016				<0.0002	
3/7/2016		<0.0002			
3/8/2016	<0.0002				<0.0002
3/9/2016			<0.0002		
5/4/2016					<0.0002
5/5/2016		<0.0002		<0.0002	
5/6/2016			<0.0002		
5/9/2016	<0.0002				
7/12/2016				<0.0002	
7/14/2016		<0.0002			
7/15/2016	<0.0002		<0.0002		
7/18/2016					<0.0002
9/9/2016	<0.0002				
9/12/2016		<0.0002			
9/13/2016				<0.0002	<0.0002
9/14/2016			<0.0002		
10/27/2016	<0.0002	<0.0002		<0.0002	<0.0002
11/1/2016			<0.0002		
1/12/2017	<0.0002				
1/13/2017		<0.0002		<0.0002	<0.0002
1/25/2017			<0.0002		
3/16/2017					<0.0002
3/20/2017		<0.0002		<0.0002	
3/21/2017	<0.0002				
3/22/2017			<0.0002		
5/19/2017				<0.0002	<0.0002
5/23/2017	<0.0002	<0.0002			
5/24/2017			<0.0002		
9/19/2017	<0.0002	<0.0002		<0.0002	<0.0002
9/21/2017			<0.0002		
3/13/2018		<0.0002		<0.0002	<0.0002
3/14/2018	<0.0002		<0.0002		
9/7/2018		<0.0002			
9/10/2018	<0.0002				
9/11/2018			<0.0002	<0.0002	<0.0002
3/8/2019				<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	<0.0002	<0.0002			
3/12/2019			<0.0002		
9/5/2019		<0.0002		<0.0002 (D)	<0.0002
9/6/2019	<0.0002		<0.0002		
3/3/2020	<0.0002	<0.0002		<0.0002	<0.0002
3/5/2020			<0.0002		
9/4/2020					<0.0002
9/8/2020	<0.0002	<0.0002			
9/9/2020			<0.0002	<0.0002	
3/9/2021	<0.0002	<0.0002		<0.0002	<0.0002
3/10/2021			<0.0002		
7/29/2021				<0.0002	
7/30/2021			<0.0002		
8/2/2021	<0.0002	<0.0002			<0.0002
1/27/2022		<0.0002			<0.0002
1/28/2022	<0.0002		<0.0002	<0.0002	

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.005	0.01				
9/16/2014			0.018	0.0028		
10/3/2014	<0.005	<0.005	0.022	0.0036		
10/20/2014	<0.005	0.0043	0.022	0.0025		
11/10/2014	<0.005	<0.005	0.018	0.0026		
3/2/2015	<0.005	<0.005	0.016	0.017		
3/17/2015	<0.005	<0.005	0.015	0.0057		
4/5/2015	<0.005	0.0016 (J)	0.016			
4/6/2015				0.0022 (J)		
4/21/2015	0.0014 (J)	0.0033				
4/22/2015			0.016	0.0015 (J)		
5/8/2015					<0.005	<0.005
5/17/2015					0.0016 (J)	<0.005
5/25/2015					<0.005	<0.005
6/8/2015					<0.005	<0.005
6/18/2015					<0.005	<0.005
6/24/2015					<0.005	<0.005
6/30/2015					<0.005	<0.005
7/6/2015					<0.005	<0.005
7/28/2015	<0.005	0.0032	0.018	0.0015 (J)		
8/12/2015					<0.005	<0.005
2/29/2016						<0.005
3/1/2016	<0.005	<0.005	0.0138			
3/2/2016				<0.005		
7/6/2016		0.0007 (J)				
7/7/2016	<0.005			0.0014 (J)	0.0008 (JD)	
7/8/2016			0.014			<0.005
3/14/2017		0.0007 (J)	0.0087 (J)			
3/15/2017	0.0142				<0.005 (D)	0.0005 (J)
3/23/2017				<0.005		
9/15/2017	0.0005 (J)	<0.005	0.0053 (J)			<0.005
9/19/2017				0.0011 (J)	<0.005 (D)	
3/12/2018	<0.005	<0.005	0.0054 (J)			
3/13/2018				<0.005	<0.005	<0.005
9/6/2018	<0.005	<0.005	0.0069 (J)	<0.005		<0.005
9/7/2018				<0.005		
3/6/2019	<0.005		<0.005			
3/7/2019		<0.005		<0.005		<0.005
3/8/2019					<0.005	
9/4/2019	0.00041 (J)	<0.005	0.0059 (J)	0.000825 (JD)	<0.005	<0.005
3/2/2020	0.00071 (J)	0.00051 (J)	0.0079 (J)	0.001 (J)		<0.005
3/3/2020					<0.005	
9/3/2020	<0.005		0.0096 (J)	0.00089 (J)		<0.005
9/9/2020					<0.005	
9/14/2020		<0.005				
2/24/2021	<0.005		0.01	0.00091 (J)		<0.005
2/25/2021					<0.005	
3/26/2021		<0.005				
7/27/2021		0.0017 (J)				<0.005
7/28/2021			0.019	0.00096 (J)	<0.005	
8/6/2021	<0.005					
1/25/2022				0.00093 (J)		<0.005

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
1/26/2022		<0.005	0.016		<0.005	

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.005				
5/9/2015	<0.005		<0.005	<0.005	<0.005	<0.005
5/17/2015		<0.005				
5/18/2015	<0.005		<0.005	<0.005	0.0018 (J)	
5/19/2015						<0.005
5/25/2015	<0.005	<0.005	<0.005			
5/26/2015				<0.005	<0.005	<0.005
6/8/2015	<0.005	<0.005				
6/9/2015			0.0015 (J)	<0.005	0.0022 (J)	<0.005
6/17/2015	<0.005		0.0013 (J)	<0.005	<0.005	<0.005
6/18/2015		<0.005				
6/24/2015	0.0034	<0.005				
6/25/2015			<0.005	<0.005	<0.005	<0.005
6/30/2015	<0.005	<0.005				
7/1/2015			<0.005	<0.005	0.0016 (J)	<0.005
7/6/2015	<0.005	<0.005				
7/7/2015			<0.005	<0.005	<0.005	<0.005
8/12/2015	<0.005	<0.005	<0.005			
8/13/2015				<0.005	<0.005	<0.005
3/2/2016	<0.005	<0.005	<0.005	<0.005		
3/3/2016					<0.005	<0.005
7/8/2016	<0.005		<0.005			
7/11/2016		<0.005		<0.005	0.0007 (J)	0.0006 (J)
3/15/2017			0.0005 (J)			<0.005
3/16/2017	0.0005 (J)	<0.005		0.0008 (J)	0.0015 (J)	
9/15/2017			<0.005	<0.005		<0.005
9/18/2017					<0.005	
9/19/2017	<0.005	<0.005				
3/12/2018				<0.005	<0.005	
3/13/2018	<0.005	<0.005	<0.005			<0.005
9/6/2018			<0.005			
9/7/2018				<0.005	<0.005	<0.005
9/11/2018	<0.005	<0.005				
3/7/2019			<0.005		<0.005	<0.005
3/8/2019	<0.005			<0.005		
3/12/2019		<0.005				
9/4/2019						<0.005
9/5/2019	<0.005	<0.005	<0.005	<0.005	<0.005	
3/3/2020			<0.005	0.00061 (J)		
3/4/2020	<0.005	<0.005			<0.005	<0.005
9/4/2020				<0.005	<0.005	<0.005
9/8/2020	<0.005	<0.005	<0.005			
2/25/2021			<0.005	<0.005	<0.005	<0.005
2/26/2021	<0.005	<0.005				
7/27/2021			<0.005			
7/28/2021				<0.005	<0.005	<0.005
7/29/2021	<0.005	<0.005				
1/25/2022			<0.005			
1/26/2022	<0.005	<0.005		<0.005		<0.005
1/27/2022					<0.005	

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	0.03					
9/17/2014		<0.005	<0.005	<0.005	<0.005	
9/18/2014						<0.005
10/4/2014	0.029	<0.005	<0.005	<0.005	<0.005	
10/5/2014						<0.005
10/21/2014	0.026	<0.005	<0.005	<0.005	<0.005	
10/22/2014						<0.005
11/5/2014			0.0016 (J)		<0.005	<0.005
11/11/2014	0.023	<0.005		<0.005		
3/3/2015	0.02	<0.005	<0.005	<0.005	<0.005	
3/4/2015						<0.005
3/18/2015	0.019	<0.005	<0.005	<0.005		
3/19/2015					<0.005	<0.005
4/6/2015	0.02	<0.005				
4/7/2015			0.0014 (J)	<0.005	<0.005	<0.005
4/23/2015	0.019	<0.005	<0.005	<0.005		
4/24/2015					<0.005	<0.005
7/29/2015	0.018	<0.005	0.0015 (J)	<0.005	<0.005	
7/30/2015						<0.005
3/3/2016	0.0111 (D)					
3/4/2016		<0.005				
3/7/2016			<0.005	<0.005	<0.005	
3/8/2016						<0.005
7/13/2016	0.0133		0.0007 (J)	<0.005		
7/14/2016		<0.005			<0.005	<0.005
3/20/2017	0.0111			<0.005		
3/21/2017		<0.005			<0.005	
3/22/2017						<0.005
3/23/2017			<0.005			
9/19/2017						<0.005
9/20/2017					0.0006 (J)	
9/21/2017	0.0092 (J)			<0.005		
9/22/2017		<0.005				
9/25/2017			0.0015 (J)			
3/14/2018	0.0094 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	0.0086 (J)			<0.005		
9/10/2018					<0.005	<0.005
9/11/2018		<0.005	<0.005			
3/11/2019	<0.005					
3/12/2019		<0.005	<0.005	<0.005	<0.005	<0.005
9/6/2019				<0.005		<0.005 (D)
9/9/2019	0.0066 (J)		<0.005		<0.005	
9/10/2019		<0.005				
3/4/2020	0.0032 (J)				0.00071 (J)	
3/5/2020		<0.005		<0.005		<0.005
3/6/2020			0.0005 (J)			
9/4/2020						<0.005
9/9/2020	0.0067 (J)	<0.005	<0.005	<0.005	<0.005	
2/26/2021			<0.005	<0.005	<0.005	
3/9/2021	0.0053					<0.005
3/10/2021		<0.005				
7/29/2021			<0.005	<0.005		

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
7/30/2021	0.0073	<0.005				
8/2/2021						<0.005
8/5/2021					<0.005	
1/27/2022				<0.005	<0.005	<0.005
1/28/2022	0.0063	<0.005	<0.005			

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.005	<0.005
9/18/2014	<0.005	<0.005	<0.005		
10/4/2014				<0.005	<0.005
10/5/2014	<0.005	<0.005	<0.005		
10/22/2014	0.0013 (J)	<0.005	<0.005		
10/23/2014				<0.005	<0.005
11/5/2014	0.0013 (J)	<0.005	<0.005		
11/10/2014				<0.005	<0.005
3/4/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2015	<0.005	<0.005			
3/20/2015			<0.005	<0.005	<0.005
4/8/2015	0.0014 (J)	<0.005	<0.005	<0.005	
4/9/2015					<0.005
4/23/2015			<0.005	<0.005	<0.005
4/24/2015	0.0014 (J)	<0.005			
7/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2016				<0.005	
3/7/2016		<0.005			
3/8/2016	0.0261 (o)				<0.005
3/9/2016			<0.005		
7/12/2016				<0.005	
7/14/2016		<0.005			
7/15/2016	0.0021 (J)		<0.005		
7/18/2016					<0.005
3/16/2017					0.0012 (J)
3/20/2017		<0.005		0.0003 (J)	
3/21/2017	<0.005				
3/22/2017			<0.005		
9/19/2017	0.0012 (J)	0.0011 (J)		<0.005	<0.005
9/21/2017			0.0012 (J)		
3/13/2018		<0.005		<0.005	<0.005
3/14/2018	0.0014 (J)		<0.005		
9/7/2018		<0.005			
9/10/2018	0.002 (J)				
9/11/2018			<0.005	<0.005	<0.005
3/8/2019				<0.005	<0.005
3/11/2019	<0.005	<0.005			
3/12/2019			<0.005		
9/5/2019		0.0011 (J)		<0.005 (D)	<0.005
9/6/2019	0.0028 (J)		0.00086 (J)		
3/3/2020	0.00099 (J)	0.001 (J)		<0.005	<0.005
3/5/2020			0.00075 (J)		
9/4/2020					<0.005
9/8/2020	0.0014 (J)	0.00083 (J)			
9/9/2020			<0.005	<0.005	
3/9/2021	0.00075 (J)	<0.005		<0.005	<0.005
3/10/2021			<0.005		
7/29/2021				<0.005	
7/30/2021			<0.005		
8/2/2021	0.0015 (J)	<0.005			<0.005
1/27/2022		0.00076 (J)			<0.005
1/28/2022	0.0014 (J)		<0.005	<0.005	

Time Series

Constituent: pH (pH units) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
2/29/2016						7.52
3/1/2016	7.07	7.45	5.94 (D)			
3/2/2016				5.65		
5/2/2016	7	7.31				
5/3/2016			5.85	5.72		
5/4/2016					7.52 (D)	7.59
7/6/2016		7.4				
7/7/2016	7.15			5.68	7.42 (D)	
7/8/2016			5.74			7.61
9/7/2016	7.2	7.32	5.79			
9/8/2016				5.42	7.4 (D)	7.52
10/25/2016	7.12	7.4	5.88	5.41		
10/26/2016					7.59 (D)	7.67
1/5/2017	7.05	7.29				
1/6/2017			5.82		7.51 (D)	7.49
2/9/2017				4.99		
3/14/2017		7.48	5.8			
3/15/2017	6.84				7.51 (D)	7.55
3/23/2017				4.94		
5/16/2017		7.38	5.02			
5/17/2017	6.78			5.18		7.55
5/18/2017					7.64 (D)	
7/18/2017					7.58	
7/19/2017					7.58 (D)	
9/15/2017	6.7	7.35	5.68			7.48
9/19/2017				5.53	7.37 (D)	
3/12/2018	6.6	7.26	5.72			
3/13/2018				5.57	7.62	7.34
9/6/2018	6.83	7.21	5.59	5.69		7.5
9/7/2018					7.36	
3/6/2019	6.64		5.38			
3/7/2019		7.48		5.54		7.29
3/8/2019					7.55	
9/4/2019	6.85	7.14	5.09	5.91 (D)	7.39	7.43
3/2/2020	6.58	7.24	5.52	5.49		7.44
3/3/2020					7.73	
9/3/2020	6.81		5.17	5.32		7.67
9/9/2020					7.59	
9/14/2020		7.1				
2/24/2021	6.69		5.49	5.23		7.53
2/25/2021					7.43	
3/26/2021		7.11				
7/27/2021		7.65				7.4
7/28/2021			5.29	5.21	7.29	
8/6/2021	6.9					
1/25/2022				5.14		7.44
1/26/2022		7.01	4.69		7.78	

Time Series

Constituent: pH (pH units) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
3/2/2016	7.77 (D)	7.76	7.51	7.01		
3/3/2016					7.44	7.95 (D)
5/3/2016	7.76	7.8		7.26	7.64	
5/4/2016			7.68			
5/9/2016						7.66
7/8/2016	7.82		7.7			
7/11/2016		7.82		7.45	7.72	7.86
9/7/2016		7.83				
9/8/2016	7.73		7.71			
9/9/2016				7.55	7.66	7.89
10/26/2016	7.71		7.6	7.55		7.98
10/27/2016		7.84			7.75	
1/6/2017		7.63				
1/9/2017	7.52		7.81	7.62	7.83	7.9
3/15/2017			7.74			8
3/16/2017	7.84	7.8		7.4	7.78	
5/18/2017			7.39	7.24	7.64	8.21
5/19/2017	7.72	7.81				
9/15/2017			7.61	7.38		8.34
9/18/2017					7.66	
9/19/2017	7.68	7.84				
1/9/2018						8.1 (Y)
3/12/2018				7	7.11	
3/13/2018	7.74	7.8	7.39			8.03
9/6/2018			7.66			
9/7/2018				7.45	7.6	8.14
9/11/2018	7.64	7.76				
3/7/2019			7.55		7.22	8.05
3/8/2019	7.73			7.14		
3/12/2019		7.7				
9/4/2019						7.79
9/5/2019	7.57	7.68	7.54	7.26	7.53	
3/3/2020			7.59	6.95		
3/4/2020	7.63	7.72			7.27	7.95
9/4/2020				7.24	7.64	7.82
9/8/2020	7.67	7.68	7.56			
2/25/2021			7.55	7.05	7.27	7.85
2/26/2021	7.7	7.72				
7/27/2021			7.41			
7/28/2021				6.96	7.17	7.79
7/29/2021	7.55	7.57				
1/25/2022			7.38			
1/26/2022	7.72	7.78		7.21		7.45
1/27/2022					7.27	

Time Series

Constituent: pH (pH units) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/3/2016	7.22 (D)					
3/4/2016		7.24				
3/7/2016			6.81	7.7	7.68	
3/8/2016						7.62
5/5/2016			6	7.85		
5/9/2016					7.66	7.72
5/10/2016	7.08	7.18				
7/13/2016	7.05		6.67	7.85		
7/14/2016		7.21			7.74	7.69
9/12/2016				7.87	7.76	7.52
9/13/2016		7.17	6.67			
9/15/2016	7.51					
10/31/2016			6.15		7.74	7.51
11/1/2016		7.18		7.78		
11/2/2016	7.1					
1/11/2017	7.16	7.11		7.75	7.69	
1/12/2017			6.79			7.46
3/20/2017	7.19			7.86		
3/21/2017		7.24			7.54	
3/22/2017						7.77
3/23/2017			7.04			
5/22/2017				7.51	7.79	7.5
5/23/2017	6.97	7.21	7.02			
9/19/2017						7.49
9/20/2017					7.77	
9/21/2017	7.28			7.84		
9/22/2017		7.2				
9/25/2017			6.81			
12/29/2017						7.75 (Y)
3/14/2018	7.11	7.16	7.06	7.51	7.74	7.62
9/7/2018	7.08			7.69		
9/10/2018					7.69	7.84
9/11/2018		7.13	6.97			
3/11/2019	7.21					
3/12/2019		7.28	7.06	7.76	7.6	7.63
9/6/2019				7.65		7.75 (D)
9/9/2019	7.13		6.71		7.73	
9/10/2019		7.17				
3/4/2020	7.37				7.65	
3/5/2020		7.3		7.77		7.6
3/6/2020			7.01			
9/4/2020						7.57
9/9/2020	7.08	7.24	6.63	7.81	7.67	
2/26/2021			7.07	7.81	7.73	
3/9/2021	7.34					7.81
3/10/2021		7.27				
7/29/2021			6.77	7.74		
7/30/2021	7.04	7.17				
8/2/2021						7.67
8/5/2021					7.66	
1/27/2022				7.76	7.74	7.73
1/28/2022	7.31	7.34	6.6			

Time Series

Constituent: pH (pH units) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/4/2016				6.95	
3/7/2016		7.61			
3/8/2016	6.86				7.4
3/9/2016			7.54		
5/4/2016					7.6
5/5/2016		7.79		7.58	
5/6/2016			7.5		
5/9/2016	7.08				
7/12/2016				7.58	
7/14/2016		7.76			
7/15/2016	7.2		7.33		
7/18/2016					7.61
9/9/2016	7.17				
9/12/2016		7.6			
9/13/2016				7.62	7.56
9/14/2016			7.47		
10/27/2016	7.14	7.73		7.64	7.69
11/1/2016			7.31		
1/12/2017	7.06				
1/13/2017		7.68		7.28	7.62
1/25/2017			7.28		
3/16/2017					7.43
3/20/2017		7.6		7.23	
3/21/2017	7.14				
3/22/2017			7.43		
5/19/2017				7.15	7.32
5/23/2017	6.9	7.81			
5/24/2017			7.07		
9/19/2017	7.18	7.46		7.54	7.62
9/21/2017			7.24		
1/9/2018		7.39 (Y)			
3/13/2018		7.49		7.02	7.43
3/14/2018	6.99		7.4		
9/7/2018		7.53			
9/10/2018	6.96				
9/11/2018			7.78	7.4	7.69
3/8/2019				7.65	7.69
3/11/2019	6.95	7.51			
3/12/2019			7.42		
9/5/2019		7.09		7.4 (D)	7.59
9/6/2019	7.04		7.32		
3/3/2020	7.1	7.15		7.55	7.56
3/5/2020			7.24		
9/4/2020					7.62
9/8/2020	7.07	7.19			
9/9/2020			7.12	7.22	
12/15/2020			7.39		
3/9/2021	6.98	7.35		7.8	8.07
3/10/2021			7.41		
7/29/2021				7.32	
7/30/2021			7.13		
8/2/2021	7.01	7.1			7.48

Time Series

Constituent: pH (pH units) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
1/27/2022		7.28			7.46
1/28/2022	6.69		7.38	7.68	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.005	<0.005				
9/16/2014			<0.005	<0.005		
10/3/2014	<0.005	<0.005	<0.005	<0.005		
10/20/2014	<0.005	<0.005	<0.005	<0.005		
11/10/2014	<0.005	<0.005	<0.005	<0.005		
3/2/2015	<0.005	<0.005	<0.005	<0.005		
3/17/2015	<0.005	<0.005	<0.005	<0.005		
4/5/2015	<0.005	<0.005	<0.005			
4/6/2015				<0.005		
4/21/2015	<0.005	<0.005				
4/22/2015			<0.005	<0.005		
5/8/2015					<0.005	<0.005
5/17/2015					<0.005	<0.005
5/25/2015					<0.005	<0.005
6/8/2015					<0.005	<0.005
6/18/2015					<0.005	<0.005
6/24/2015					<0.005	<0.005
6/30/2015					<0.005	<0.005
7/6/2015					<0.005	<0.005
7/28/2015	<0.005	<0.005	<0.005	<0.005		
8/12/2015					<0.005	<0.005
2/29/2016						<0.005
3/1/2016	<0.005	<0.005	<0.005			
3/2/2016				<0.005		
5/2/2016	<0.005	<0.005				
5/3/2016			<0.005	<0.005		
5/4/2016					0.00982 (JD)	<0.005
7/6/2016		<0.005				
7/7/2016	<0.005			<0.005	0.01 (D)	
7/8/2016			<0.005			<0.005
9/7/2016	<0.005	<0.005	<0.005			
9/8/2016				<0.005	0.0046 (JD)	<0.005
10/25/2016	<0.005	<0.005	<0.005	<0.005		
10/26/2016					0.0071 (JD)	<0.005
1/5/2017	<0.005	<0.005				
1/6/2017			<0.005		0.0099 (JD)	<0.005
2/9/2017				<0.005		
3/14/2017		<0.005	<0.005			
3/15/2017	<0.005				0.0056 (JD)	<0.005
3/23/2017				<0.005		
5/16/2017		<0.005	<0.005			
5/17/2017	<0.005			<0.005		<0.005
5/18/2017					0.0064 (JD)	
7/19/2017					<0.005 (D)	
9/15/2017	<0.005	<0.005	<0.005			<0.005
9/19/2017				<0.005	0.0029 (JD)	
3/12/2018	<0.005	<0.005	<0.005			
3/13/2018				<0.005	0.005 (J)	<0.005
9/6/2018	<0.005	<0.005	<0.005	<0.005		<0.005
9/7/2018					0.01	
3/6/2019	<0.005		<0.005			
3/7/2019		<0.005		<0.005		<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/8/2019					0.0052 (J)	
9/4/2019	<0.005	<0.005	<0.005	<0.005 (D)	0.01	<0.005
3/2/2020	<0.005	<0.005	<0.005	<0.005		<0.005
3/3/2020					0.0053 (J)	
9/3/2020	<0.005		<0.005	<0.005		<0.005
9/9/2020					0.0059 (J)	
9/14/2020		<0.005				
2/24/2021	<0.005		<0.005	<0.005		<0.005
2/25/2021					0.0099	
3/26/2021		<0.005				
7/27/2021		<0.005				<0.005
7/28/2021			<0.005	<0.005	0.0073	
8/6/2021	<0.005					
1/25/2022				<0.005		<0.005
1/26/2022		<0.005	<0.005		<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.005				
5/9/2015	<0.005		<0.005	<0.005	<0.005	<0.005
5/17/2015		<0.005				
5/18/2015	<0.005		<0.005	<0.005	<0.005	
5/19/2015						<0.005
5/25/2015	<0.005	<0.005	<0.005			
5/26/2015				<0.005	<0.005	<0.005
6/8/2015	<0.005	<0.005				
6/9/2015			<0.005	<0.005	<0.005	<0.005
6/17/2015	<0.005		<0.005	<0.005	<0.005	<0.005
6/18/2015		<0.005				
6/24/2015	<0.005	<0.005				
6/25/2015			<0.005	<0.005	<0.005	<0.005
6/30/2015	<0.005	<0.005				
7/1/2015			<0.005	<0.005	<0.005	<0.005
7/6/2015	<0.005	<0.005				
7/7/2015			<0.005	<0.005	<0.005	<0.005
8/12/2015	<0.005	<0.005	<0.005			
8/13/2015				<0.005	<0.005	<0.005
3/2/2016	<0.005	<0.005	<0.005	0.00234 (J)		
3/3/2016					<0.005	<0.005
5/3/2016	<0.005	<0.005		0.00241 (J)	<0.005	
5/4/2016			<0.005			
5/9/2016						<0.005
7/8/2016	<0.005		<0.005			
7/11/2016		<0.005		<0.005	0.0011 (J)	<0.005
9/7/2016		<0.005				
9/8/2016	<0.005		<0.005			
9/9/2016				<0.005	0.001 (J)	<0.005
10/26/2016	<0.005		<0.005	<0.005		<0.005
10/27/2016		<0.005			<0.005	
1/6/2017		<0.005				
1/9/2017	<0.005		<0.005	<0.005	<0.005	0.0011 (J)
3/15/2017			<0.005			<0.005
3/16/2017	<0.005	<0.005		<0.005	<0.005	
5/18/2017			<0.005	<0.005	<0.005	<0.005
5/19/2017	<0.005	<0.005				
9/15/2017			<0.005	<0.005		<0.005
9/18/2017					<0.005	
9/19/2017	<0.005	<0.005				
3/12/2018				0.0018 (J)	<0.005	
3/13/2018	<0.005	<0.005	<0.005			<0.005
9/6/2018			<0.005			
9/7/2018				<0.005	<0.005	<0.005
9/11/2018	<0.005	<0.005				
3/7/2019			<0.005		0.0016 (J)	<0.005
3/8/2019	<0.005			0.0026 (J)		
3/12/2019		<0.005				
9/4/2019						<0.005
9/5/2019	<0.005	<0.005	<0.005	<0.005	<0.005	
3/3/2020			<0.005	0.0025 (J)		
3/4/2020	<0.005	<0.005			0.0018 (J)	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2022 4:20 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
9/4/2020				<0.005	<0.005	<0.005
9/8/2020	<0.005	<0.005	<0.005			
2/25/2021			<0.005	0.0018 (J)	<0.005	<0.005
2/26/2021	<0.005	<0.005				
7/27/2021			<0.005			
7/28/2021				0.0022 (J)	<0.005	<0.005
7/29/2021	<0.005	<0.005				
1/25/2022			<0.005			
1/26/2022	<0.005	<0.005		0.0025 (J)		<0.005
1/27/2022					0.0016 (J)	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	<0.005					
9/17/2014		<0.005	<0.005	<0.005	<0.005	
9/18/2014						<0.005
10/4/2014	<0.005	<0.005	<0.005	<0.005	<0.005	
10/5/2014						<0.005
10/21/2014	<0.005	<0.005	<0.005	<0.005	<0.005	
10/22/2014						<0.005
11/5/2014			<0.005		<0.005	<0.005
11/11/2014	<0.005	<0.005		<0.005		
3/3/2015	<0.005	<0.005	<0.005	<0.005	<0.005	
3/4/2015						<0.005
3/18/2015	<0.005	<0.005	<0.005	<0.005		
3/19/2015					<0.005	<0.005
4/6/2015	<0.005	<0.005				
4/7/2015			<0.005	<0.005	<0.005	<0.005
4/23/2015	<0.005	<0.005	<0.005	<0.005		
4/24/2015					<0.005	<0.005
7/29/2015	<0.005	<0.005	<0.005	<0.005	<0.005	
7/30/2015						<0.005
3/3/2016	<0.005 (D)					
3/4/2016		<0.005				
3/7/2016			<0.005	<0.005	<0.005	
3/8/2016						<0.005
5/5/2016			<0.005	<0.005		
5/9/2016					<0.005	<0.005
5/10/2016	<0.005	<0.005				
7/13/2016	<0.005		<0.005	<0.005		
7/14/2016		<0.005			<0.005	<0.005
9/12/2016				<0.005	<0.005	<0.005
9/13/2016			<0.005			
9/14/2016		<0.005				
9/15/2016	<0.005					
10/31/2016			<0.005		<0.005	<0.005
11/1/2016		<0.005		<0.005		
11/2/2016	<0.005					
1/11/2017	<0.005	<0.005		<0.005	<0.005	
1/12/2017			<0.005			<0.005
3/20/2017	<0.005			<0.005		
3/21/2017		<0.005			<0.005	
3/22/2017						<0.005
3/23/2017			<0.005			
5/22/2017				<0.005	<0.005	<0.005
5/23/2017	<0.005	<0.005	<0.005			
9/19/2017						<0.005
9/20/2017					<0.005	
9/21/2017	<0.005			<0.005		
9/22/2017		<0.005				
9/25/2017			<0.005			
3/14/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	<0.005			<0.005		
9/10/2018					<0.005	<0.005
9/11/2018		<0.005	<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	<0.005					
3/12/2019		<0.005	<0.005	<0.005	<0.005	<0.005
9/6/2019				<0.005		<0.005 (D)
9/9/2019	<0.005		<0.005		<0.005	
9/10/2019		<0.005				
3/4/2020	<0.005				<0.005	
3/5/2020		<0.005		<0.005		<0.005
3/6/2020			<0.005			
9/4/2020						<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005	
2/26/2021			<0.005	<0.005	<0.005	
3/9/2021	<0.005					<0.005
3/10/2021		<0.005				
7/29/2021			<0.005	<0.005		
7/30/2021	<0.005	<0.005				
8/2/2021						<0.005
8/5/2021					<0.005	
1/27/2022				<0.005	<0.005	<0.005
1/28/2022	<0.005	<0.005	<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.005	<0.005
9/18/2014	<0.005	<0.005	<0.005		
10/4/2014				<0.005	<0.005
10/5/2014	<0.005	<0.005	<0.005		
10/22/2014	<0.005	<0.005	<0.005		
10/23/2014				<0.005	<0.005
11/5/2014	<0.005	<0.005	<0.005		
11/10/2014				<0.005	<0.005
3/4/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2015	<0.005	<0.005			
3/20/2015			<0.005	<0.005	<0.005
4/8/2015	<0.005	<0.005	<0.005	<0.005	
4/9/2015					<0.005
4/23/2015			<0.005	<0.005	<0.005
4/24/2015	<0.005	<0.005			
7/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2016				<0.005	
3/7/2016		<0.005			
3/8/2016	<0.005				<0.005
3/9/2016			<0.005		
5/4/2016					<0.005
5/5/2016		<0.005		<0.005	
5/6/2016			<0.005		
5/9/2016	<0.005				
7/12/2016				<0.005	
7/14/2016		<0.005			
7/15/2016	<0.005		<0.005		
7/18/2016					<0.005
9/9/2016	<0.005				
9/12/2016		<0.005			
9/13/2016				<0.005	<0.005
9/14/2016			<0.005		
10/27/2016	<0.005	<0.005		<0.005	<0.005
11/1/2016			<0.005		
1/12/2017	<0.005				
1/13/2017		<0.005		<0.005	<0.005
1/25/2017			<0.005		
3/16/2017					<0.005
3/20/2017		<0.005		<0.005	
3/21/2017	<0.005				
3/22/2017			<0.005		
5/19/2017				<0.005	<0.005
5/23/2017	<0.005	<0.005			
5/24/2017			<0.005		
9/19/2017	<0.005	<0.005		<0.005	<0.005
9/21/2017			<0.005		
3/13/2018		<0.005		<0.005	<0.005
3/14/2018	<0.005		<0.005		
9/7/2018		<0.005			
9/10/2018	<0.005				
9/11/2018			<0.005	<0.005	<0.005
3/8/2019				<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	<0.005	<0.005			
3/12/2019			<0.005		
9/5/2019		<0.005		<0.005 (D)	<0.005
9/6/2019	<0.005		<0.005		
3/3/2020	<0.005	<0.005		<0.005	<0.005
3/5/2020			<0.005		
9/4/2020					<0.005
9/8/2020	<0.005	<0.005			
9/9/2020			0.0017 (J)	<0.005	
3/9/2021	<0.005	<0.005		<0.005	<0.005
3/10/2021			<0.005		
7/29/2021				<0.005	
7/30/2021			<0.005		
8/2/2021	<0.005	<0.005			<0.005
1/27/2022		<0.005			<0.005
1/28/2022	<0.005		<0.005	<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.005	<0.005				
9/16/2014			<0.005	0.00051 (J)		
10/3/2014	<0.005	<0.005	<0.005	<0.005		
10/20/2014	<0.005	<0.005	<0.005	<0.005		
11/10/2014	<0.005	<0.005	<0.005	<0.005		
3/2/2015	<0.005	<0.005	<0.005	<0.005		
3/17/2015	<0.005	<0.005	<0.005	<0.005		
4/5/2015	<0.005	<0.005	<0.005			
4/6/2015				<0.005		
4/21/2015	<0.005	<0.005				
4/22/2015			<0.005	<0.005		
5/8/2015					<0.005	<0.005
5/17/2015					<0.005	<0.005
5/25/2015					<0.005	<0.005
6/8/2015					<0.005	<0.005
6/18/2015					<0.005	<0.005
6/24/2015					<0.005	<0.005
6/30/2015					<0.005	<0.005
7/6/2015					<0.005	<0.005
7/28/2015	<0.005	<0.005	<0.005	<0.005		
8/12/2015					<0.005	<0.005
2/29/2016						<0.005
3/1/2016	<0.005	<0.005	<0.005			
3/2/2016				<0.005		
7/6/2016		<0.005				
7/7/2016	<0.005			<0.005	<0.005 (D)	
7/8/2016			<0.005			<0.005
3/14/2017		<0.005	<0.005			
3/15/2017	<0.005				<0.005 (D)	<0.005
3/23/2017				<0.005		
9/15/2017	<0.005	<0.005	<0.005			<0.005
9/19/2017				<0.005	<0.005 (D)	
3/12/2018	<0.005	<0.005	<0.005			
3/13/2018				<0.005	<0.005	<0.005
9/6/2018	<0.005	<0.005	<0.005	<0.005		<0.005
9/7/2018					<0.005	
3/6/2019	<0.005		<0.005			
3/7/2019		<0.005		<0.005		<0.005
3/8/2019					<0.005	
9/4/2019	<0.005	<0.005	<0.005	<0.005 (D)	<0.005	<0.005
3/2/2020	<0.005	<0.005	<0.005	<0.005		<0.005
3/3/2020					<0.005	
9/3/2020	<0.005		<0.005	<0.005		<0.005
9/9/2020					<0.005	
9/14/2020		<0.005				
2/24/2021	<0.005		<0.005	<0.005		<0.005
2/25/2021					<0.005	
3/26/2021		<0.005				
7/27/2021		<0.005				<0.005
7/28/2021			<0.005	<0.005	<0.005	
8/6/2021	<0.005					
1/25/2022				<0.005		<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
1/26/2022		<0.005	<0.005		<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.005				
5/9/2015	<0.005		<0.005	<0.005	<0.005	<0.005
5/17/2015		<0.005				
5/18/2015	<0.005		<0.005	<0.005	<0.005	
5/19/2015						<0.005
5/25/2015	<0.005	<0.005	<0.005			
5/26/2015				<0.005	<0.005	<0.005
6/8/2015	<0.005	<0.005				
6/9/2015			<0.005	<0.005	<0.005	<0.005
6/17/2015	<0.005		<0.005	<0.005	<0.005	<0.005
6/18/2015		<0.005				
6/24/2015	<0.005	<0.005				
6/25/2015			<0.005	<0.005	<0.005	<0.005
6/30/2015	<0.005	<0.005				
7/1/2015			<0.005	<0.005	<0.005	<0.005
7/6/2015	<0.005	<0.005				
7/7/2015			<0.005	<0.005	<0.005	<0.005
8/12/2015	<0.005	<0.005	<0.005			
8/13/2015				<0.005	<0.005	<0.005
3/2/2016	<0.005	<0.005	<0.005	<0.005		
3/3/2016					<0.005	<0.005
7/8/2016	<0.005		<0.005			
7/11/2016		<0.005		<0.005	<0.005	<0.005
3/15/2017			<0.005			<0.005
3/16/2017	<0.005	<0.005		<0.005	<0.005	
9/15/2017			<0.005	<0.005		<0.005
9/18/2017					<0.005	
9/19/2017	<0.005	<0.005				
3/12/2018				<0.005	<0.005	
3/13/2018	<0.005	<0.005	<0.005			<0.005
9/6/2018			<0.005			
9/7/2018				<0.005	<0.005	<0.005
9/11/2018	<0.005	<0.005				
3/7/2019			<0.005		<0.005	<0.005
3/8/2019	<0.005			<0.005		
3/12/2019		<0.005				
9/4/2019						<0.005
9/5/2019	<0.005	<0.005	<0.005	<0.005	<0.005	
3/3/2020			<0.005	<0.005		
3/4/2020	<0.005	<0.005			<0.005	<0.005
9/4/2020				<0.005	<0.005	<0.005
9/8/2020	<0.005	<0.005	<0.005			
2/25/2021			<0.005	<0.005	<0.005	<0.005
2/26/2021	<0.005	<0.005				
7/27/2021			<0.005			
7/28/2021				<0.005	<0.005	<0.005
7/29/2021	<0.005	<0.005				
1/25/2022			<0.005			
1/26/2022	<0.005	<0.005		<0.005		<0.005
1/27/2022					<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	<0.005					
9/17/2014		<0.005	<0.005	0.00058 (J)	<0.005	
9/18/2014						<0.005
10/4/2014	<0.005	<0.005	<0.005	<0.005	<0.005	
10/5/2014						<0.005
10/21/2014	<0.005	<0.005	<0.005	<0.005	<0.005	
10/22/2014						<0.005
11/5/2014			<0.005		<0.005	<0.005
11/11/2014	<0.005	0.0007 (J)		<0.005		
3/3/2015	<0.005	0.00052 (J)	<0.005	<0.005	<0.005	
3/4/2015						<0.005
3/18/2015	<0.005	<0.005	<0.005	<0.005		
3/19/2015					<0.005	<0.005
4/6/2015	0.0013 (J)	<0.005				
4/7/2015			<0.005	<0.005	<0.005	<0.005
4/23/2015	<0.005	<0.005	<0.005	<0.005		
4/24/2015					<0.005	<0.005
7/29/2015	<0.005	<0.005	<0.005	<0.005	<0.005	
7/30/2015						<0.005
3/3/2016	<0.005 (D)					
3/4/2016		<0.005				
3/7/2016			<0.005	<0.005	<0.005	
3/8/2016						<0.005
7/13/2016	<0.005		<0.005	<0.005		
7/14/2016		<0.005			<0.005	<0.005
3/20/2017	<0.005			<0.005		
3/21/2017		<0.005			<0.005	
3/22/2017						<0.005
3/23/2017			<0.005			
9/19/2017						<0.005
9/20/2017					<0.005	
9/21/2017	<0.005			<0.005		
9/22/2017		<0.005				
9/25/2017			<0.005			
3/14/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	<0.005			<0.005		
9/10/2018					<0.005	<0.005
9/11/2018		<0.005	<0.005			
3/11/2019	<0.005					
3/12/2019		<0.005	<0.005	<0.005	<0.005	<0.005
9/6/2019				<0.005		<0.005 (D)
9/9/2019	<0.005		<0.005		<0.005	
9/10/2019		<0.005				
3/4/2020	<0.005				<0.005	
3/5/2020		<0.005		<0.005		<0.005
3/6/2020			<0.005			
9/4/2020						<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005	
2/26/2021			<0.005	<0.005	<0.005	
3/9/2021	<0.005					<0.005
3/10/2021		<0.005				
7/29/2021			<0.005	<0.005		

Time Series

Constituent: Silver (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
7/30/2021	<0.005	<0.005				
8/2/2021						<0.005
8/5/2021					<0.005	
1/27/2022				<0.005	<0.005	<0.005
1/28/2022	<0.005	<0.005	<0.005			

Time Series

Constituent: Silver (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.005	<0.005
9/18/2014	<0.005	<0.005	<0.005		
10/4/2014				<0.005	<0.005
10/5/2014	<0.005	<0.005	<0.005		
10/22/2014	<0.005	<0.005	<0.005		
10/23/2014				<0.005	<0.005
11/5/2014	<0.005	<0.005	<0.005		
11/10/2014				<0.005	<0.005
3/4/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2015	<0.005	<0.005			
3/20/2015			<0.005	<0.005	<0.005
4/8/2015	<0.005	<0.005	<0.005	<0.005	
4/9/2015					<0.005
4/23/2015			<0.005	<0.005	<0.005
4/24/2015	<0.005	<0.005			
7/30/2015	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2016				<0.005	
3/7/2016		<0.005			
3/8/2016	<0.005				<0.005
3/9/2016			<0.005		
7/12/2016				<0.005	
7/14/2016		<0.005			
7/15/2016	<0.005		<0.005		
7/18/2016					<0.005
3/16/2017					<0.005
3/20/2017		<0.005		<0.005	
3/21/2017	<0.005				
3/22/2017			<0.005		
9/19/2017	<0.005	<0.005		<0.005	<0.005
9/21/2017			<0.005		
3/13/2018		<0.005		<0.005	<0.005
3/14/2018	<0.005		<0.005		
9/7/2018		<0.005			
9/10/2018	<0.005				
9/11/2018			<0.005	<0.005	<0.005
3/8/2019				<0.005	<0.005
3/11/2019	<0.005	<0.005			
3/12/2019			<0.005		
9/5/2019		<0.005		<0.005 (D)	<0.005
9/6/2019	<0.005		<0.005		
3/3/2020	<0.005	<0.005		<0.005	<0.005
3/5/2020			<0.005		
9/4/2020					<0.005
9/8/2020	<0.005	<0.005			
9/9/2020			<0.005	<0.005	
3/9/2021	<0.005	<0.005		<0.005	<0.005
3/10/2021			<0.005		
7/29/2021				<0.005	
7/30/2021			<0.005		
8/2/2021	<0.005	<0.005			<0.005
1/27/2022		<0.005			<0.005
1/28/2022	<0.005		<0.005	<0.005	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
2/29/2016						5.7396
3/1/2016	2.5655	6.8929	0.9427 (J)			
3/2/2016				2.5669		
5/2/2016	1.64	1.6				
5/3/2016			0.87 (J)	1.83		
5/4/2016					16.8 (D)	6.87
7/6/2016		1.7				
7/7/2016	1.7			1.8	18 (D)	
7/8/2016			0.79 (J)			8.1
9/7/2016	1.8	1.5	0.85 (J)			
9/8/2016				0.97 (J)	18 (D)	6.6
10/25/2016	1.4	1.8	0.74 (J)	1.2		
10/26/2016					20 (D)	4.7
1/5/2017	1.9 (J)	4.6				
1/6/2017			0.64 (J)		21 (D)	4.8
2/9/2017				0.31 (J)		
3/14/2017		2.8	0.77 (J)			
3/15/2017	1.2				17 (D)	3.9
3/23/2017				0.54 (J)		
5/16/2017		2.1	0.48 (J)			
5/17/2017	1.2			0.66 (J)		5.2
5/18/2017					19 (D)	
7/19/2017					10 (D)	
9/15/2017	1	3	0.76 (J)			4.4
9/19/2017				2	22 (D)	
3/12/2018	0.77 (J)	8.2	0.42 (J)			
3/13/2018				1.5	27.3	8.5
9/6/2018	0.8 (J)	1.5	0.37 (J)	1.4		7.2
9/7/2018					26.9	
3/6/2019	0.45 (J)		0.46 (J)			
3/7/2019		4.3		1.1		12.7
3/8/2019					23.6	
9/4/2019	0.68 (J)	1.8	<1	0.83 (J)	22.9	4.2
3/2/2020	<1	7.9	<1	0.5 (J)		16.3
3/3/2020					21.5	
9/3/2020	0.65 (J)		<1	0.58 (J)		3.5
9/9/2020					21.8	
9/14/2020		1.3				
2/24/2021	0.51 (J)		<1	0.72 (J)		29.2
2/25/2021					29.5	
3/26/2021		5.4				
7/27/2021		7.4				23.3
7/28/2021			<1	0.81 (J)	26.5	
8/6/2021	0.94 (J)					
1/25/2022				0.58 (J)		8.6
1/26/2022		7.5	<1		22.2	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
3/2/2016	1.799	2.0407	7.1892	32.178		
3/3/2016					22.316	132.4615
5/3/2016	1.94	1.86		39.2	20.8	
5/4/2016			7.22			
5/9/2016						34.3
7/8/2016	2		6.7			
7/11/2016		2		16	17	58
9/7/2016		1.9				
9/8/2016	1.9		7			
9/9/2016				9.7	14	66
10/26/2016	2.1		6.4	9.2		76
10/27/2016		2.1			15	
1/6/2017		2				
1/9/2017	1.9		5.9	9.3	17	85
3/15/2017			6.2			100
3/16/2017	2	1.9		6.9	15	
5/18/2017			6.1	7.9	24	87
5/19/2017	2	1.9				
9/15/2017			5.8	17		110
9/18/2017					22	
9/19/2017	2	2.1				
3/12/2018				28.7	22	
3/13/2018	1.9	1.9	4.9			94.8
9/6/2018			3.5			
9/7/2018				27.4	22.4	101
9/11/2018	1.9	1.8				
3/7/2019			2.6		25	88.7
3/8/2019	1.8			31.8		
3/12/2019		2.2				
9/4/2019						67.8
9/5/2019	1.5	1.5	2.4	21.5	22.7	
3/3/2020			1.7	29		
3/4/2020	1.5	1.7			23.4	69.4
9/4/2020				20.4	16.1	54.9
9/8/2020	1.4	1.4	1.8			
2/25/2021			1.7	34.5	23.2	62.6
2/26/2021	1.6	1.6				
7/27/2021			1.8			
7/28/2021				32.8	24.9	58.6
7/29/2021	1.3	1.4				
1/25/2022			1.4			
1/26/2022	1.4	1.6		32.5		47.1
1/27/2022					20.7	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/3/2016	7.1809 (D)					
3/4/2016		9.3417				
3/7/2016			1.7468	2.3258	3.3556	
3/8/2016						0.0196 (J)
5/5/2016			2.27	2.42		
5/9/2016					3.62	1.15
5/10/2016	4.6	6.65				
7/13/2016	2.3		2.1	2.5		
7/14/2016		5.7			3.5	1.3
9/12/2016				2.3	3.3	1.3
9/13/2016			2.1			
9/14/2016		5.8				
9/15/2016	5.6					
10/31/2016			1.5		3.5	1.4
11/1/2016		6.6				
11/2/2016	7.5					
1/11/2017	8.3	6.5		2.5	3.2	
1/12/2017			1.9			1.4
3/20/2017	10			2.4		
3/21/2017		6.4			3.4	
3/22/2017						1.7
3/23/2017			2.1			
5/22/2017				2.5	3.3	1.5
5/23/2017	9.5	6.3	2			
9/19/2017						1.3
9/20/2017					3.4	
9/21/2017	8.9			2.4		
9/22/2017		6.9				
9/25/2017			2.1			
3/14/2018	8.8	7	2.2	2.2	3.4	1.6
9/7/2018	6.5			2.2		
9/10/2018					3.4	1.7
9/11/2018		5.8	2			
3/11/2019	11					
3/12/2019		25.9 (O)	2.3	2.6	4.3	1.5
9/6/2019				2		1.45 (D)
9/9/2019	3.8		1.8		3.7	
9/10/2019		6				
3/4/2020	8.4				3.6	
3/5/2020		7.7		1.9		1.1
3/6/2020			2			
9/4/2020						1.1
9/9/2020	2.8	5.6	1.4	1.9	3.4	
2/26/2021			2.1	2.1	3.4	
3/9/2021	12.9					1.5
3/10/2021		7.3				
7/29/2021			1.7	1.9		
7/30/2021	5.4	5.9				
8/2/2021						1.5
8/5/2021					4	
1/27/2022				2.1	3.9	1.7
1/28/2022	11.9	7.6	1.6			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/4/2016				1.0816	
3/7/2016		2.1008			
3/8/2016	1.3858				1.3157
3/9/2016			26.4322		
5/4/2016					1.46
5/5/2016		2.16		11.3	
5/6/2016			17.7		
5/9/2016	2.94				
7/12/2016				8.8	
7/14/2016		2.3			
7/15/2016	3		12		
7/18/2016					1.5
9/9/2016	3.2				
9/13/2016				5.4	1.5
9/14/2016			12		
10/27/2016	3.6	2.3		9.9	1.7
11/1/2016			10		
1/12/2017	3.9				
1/13/2017		2.3		7.8	2
1/25/2017			8.2		
3/16/2017					1.6
3/20/2017		2.4		2.3	
3/21/2017	4.8				
3/22/2017			13		
5/19/2017				2.4	1.5
5/23/2017	5.4	2.4			
5/24/2017			10		
9/19/2017	5.6	2.2		2.3	1.8
9/21/2017			16		
3/13/2018		2.4		1.4	1.7
3/14/2018	<1		14		
9/7/2018		1.8			
9/10/2018	4.8				
9/11/2018			14.9	1.7	1.7
3/8/2019				1.9	1.6
3/11/2019	3.4	2			
3/12/2019			17.7		
9/5/2019		1.7		1.8 (D)	1.6
9/6/2019	6		9.5		
3/3/2020	11.3	1.7		2	1.6
3/5/2020			10.8		
9/4/2020					1.6
9/8/2020	9.6	1.3			
9/9/2020			124	1.9	
12/15/2020			61.2		
3/9/2021	10.5	1.4		1.6	1.6
3/10/2021			56.8		
7/29/2021				1.8	
7/30/2021			72.6		
8/2/2021	21.5 (o)	1.5			1.7
1/27/2022		1.3			2
1/28/2022	13.7		98.4	2.3	

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.001					
9/16/2014			<0.001	<0.001		
10/3/2014	<0.001	<0.001	<0.001			
10/6/2014				<0.001		
10/20/2014	<0.001	<0.001	<0.001	<0.001		
11/10/2014	<0.001	<0.001	<0.001	<0.001		
3/2/2015	<0.001	<0.001	<0.001	<0.001		
3/17/2015	<0.001	0.0001 (J)	<0.001	<0.001		
4/5/2015	<0.001	7E-05 (J)	<0.001			
4/6/2015				<0.001		
4/21/2015	<0.001	<0.001				
4/22/2015			<0.001	<0.001		
5/13/2015					0.0003 (J)	<0.001
5/20/2015					9E-05 (J)	6E-05 (J)
5/27/2015					<0.001	<0.001
6/8/2015					<0.001	<0.001
6/18/2015					<0.001	<0.001
6/24/2015					<0.001	<0.001
6/30/2015					6E-05 (J)	<0.001
7/6/2015					<0.001	<0.001
7/28/2015	<0.001	<0.001	<0.001	<0.001		
8/12/2015					<0.001	<0.001
2/29/2016						<0.001
3/1/2016	<0.001	<0.001	<0.001			
3/2/2016				<0.001		
5/2/2016	<0.001	<0.001				
5/3/2016			<0.001	<0.001		
5/4/2016					<0.001 (D)	<0.001
7/6/2016		<0.001				
7/7/2016	9E-05 (J)			<0.001	<0.001 (D)	
7/8/2016			<0.001			0.0002 (J)
9/7/2016	<0.001	<0.001	<0.001			
9/8/2016				<0.001	<0.001 (D)	<0.001
10/25/2016	<0.001	<0.001	<0.001	<0.001		
10/26/2016					<0.001 (D)	<0.001
1/5/2017	<0.001	<0.001				
1/6/2017			<0.001		<0.001 (D)	<0.001
2/9/2017				<0.001		
3/14/2017		<0.001	<0.001			
3/15/2017	4E-05 (J)				4E-05 (JD)	4E-05 (J)
3/23/2017				<0.001		
5/16/2017		<0.001	<0.001			
5/17/2017	<0.001			<0.001		<0.001
5/18/2017					6E-05 (JD)	
7/19/2017					<0.001 (D)	
9/15/2017	<0.001	<0.001	<0.001			<0.001
9/19/2017				<0.001	6E-05 (JD)	
3/12/2018	<0.001	<0.001	<0.001			
3/13/2018				<0.001	<0.001	<0.001
9/6/2018	<0.001	<0.001	<0.001	<0.001		<0.001
9/7/2018					<0.001	
3/6/2019	<0.001		<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
3/7/2019		<0.001		<0.001		<0.001
3/8/2019					<0.001	
9/4/2019	<0.001	<0.001	<0.001	<0.001 (D)	0.00014 (J)	<0.001
3/2/2020	<0.001	<0.001	<0.001	<0.001		<0.001
3/3/2020					0.00012 (J)	
9/3/2020	<0.001		<0.001	<0.001		<0.001
9/9/2020					<0.001	
9/14/2020		<0.001				
2/24/2021	<0.001		<0.001	<0.001		<0.001
2/25/2021					<0.001	
3/26/2021		<0.001				
7/27/2021		<0.001				<0.001
7/28/2021			<0.001	<0.001	<0.001	
8/6/2021	<0.001					
1/25/2022				<0.001		<0.001
1/26/2022		<0.001	<0.001		<0.001	

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/13/2015	0.0002 (J)	<0.001	0.0002 (J)	<0.001	<0.001	<0.001
5/20/2015	0.0002 (J)	<0.001	0.0002 (J)	<0.001	<0.001	<0.001
5/27/2015	0.0002 (J)	<0.001	0.0002 (J)	<0.001	<0.001	<0.001
6/8/2015	9E-05 (J)	<0.001 (D)				
6/9/2015			0.0001 (J)	<0.001	<0.001	<0.001
6/17/2015	7E-05 (J)		0.0001 (J)	8E-05 (J)	<0.001	<0.001
6/24/2015	<0.001	<0.001			<0.001	
6/25/2015			0.0001 (J)	7E-05 (J)		<0.001
6/30/2015	9E-05 (J)	<0.001				
7/1/2015			0.0001 (J)	<0.001	<0.001	<0.001
7/6/2015	<0.001	<0.001				
7/7/2015			9E-05 (J)	0.0001 (J)	<0.001	<0.001
8/12/2015	7E-05 (J)	<0.001	7E-05 (J)			
8/13/2015				8E-05 (J)	<0.001	<0.001
3/2/2016	<0.001	<0.001	<0.001	<0.001		
3/3/2016					<0.001	<0.001
5/3/2016	<0.001	<0.001		<0.001	<0.001	
5/4/2016			<0.001			
5/9/2016						<0.001
7/8/2016	6E-05 (J)		<0.001			
7/11/2016		<0.001		<0.001	<0.001	<0.001
9/7/2016		<0.001				
9/8/2016	<0.001		<0.001			
9/9/2016				<0.001	<0.001	<0.001
10/26/2016	<0.001		<0.001	<0.001		<0.001
10/27/2016		<0.001			<0.001	
1/6/2017		<0.001				
1/9/2017	<0.001		<0.001	<0.001	<0.001	<0.001
3/15/2017			4E-05 (J)			<0.001
3/16/2017	4E-05 (J)	<0.001		0.0001 (J)	5E-05 (J)	
5/18/2017			<0.001	0.0001 (J)	<0.001	<0.001
5/19/2017	<0.001	<0.001				
9/15/2017			<0.001	0.0001 (J)		<0.001
9/18/2017					<0.001	
9/19/2017	<0.001	<0.001				
3/12/2018				<0.001	<0.001	
3/13/2018	<0.001	<0.001	<0.001			<0.001
9/6/2018			<0.001			
9/7/2018				<0.001	<0.001	<0.001
9/11/2018	<0.001	<0.001				
3/7/2019			<0.001		<0.001	<0.001
3/8/2019	<0.001			<0.001		
3/12/2019		<0.001				
9/4/2019						<0.001
9/5/2019	<0.001	<0.001	<0.001	0.00011 (J)	<0.001	
3/3/2020			7.9E-05 (J)	6.5E-05 (J)		
3/4/2020	<0.001	<0.001			<0.001	<0.001
9/4/2020				<0.001	<0.001	<0.001
9/8/2020	<0.001	<0.001	<0.001			
2/25/2021			<0.001	<0.001	<0.001	<0.001
2/26/2021	<0.001	<0.001				
7/27/2021			<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
7/28/2021				<0.001	<0.001	<0.001
7/29/2021	<0.001	<0.001				
1/25/2022			<0.001			
1/26/2022	<0.001	<0.001		<0.001		<0.001
1/27/2022					<0.001	

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	0.0004 (J)					
9/17/2014		<0.001	0.0002 (J)	<0.001	<0.001	
9/18/2014						0.0001 (J)
10/4/2014	0.0004 (J)	<0.001	0.0002 (J)	<0.001	<0.001	
10/5/2014						0.0001 (J)
10/21/2014	0.0004 (J)	<0.001	0.0002 (J)	<0.001	<0.001	
10/22/2014						0.0001 (J)
11/5/2014			0.0003 (J)		<0.001	0.0002 (J)
11/11/2014	0.0005 (J)	<0.001		<0.001		
3/3/2015	0.0004 (J)	<0.001	0.0002 (J)	<0.001	<0.001	
3/4/2015						0.0001 (J)
3/18/2015	0.0005 (J)	<0.001	0.0002 (J)	<0.001		
3/19/2015					<0.001	0.0001 (J)
4/6/2015	0.0004 (J)	<0.001				
4/7/2015			0.0002 (J)	<0.001	<0.001	0.0001 (J)
4/23/2015	0.0004 (J)	<0.001	0.0002 (J)	<0.001		
4/24/2015					<0.001	0.0001 (J)
7/29/2015	0.0003 (J)	<0.001	0.0002 (J)	<0.001	<0.001	
7/30/2015						<0.001
3/3/2016	0.002222 (D)					
3/4/2016		<0.001				
3/7/2016			<0.001	<0.001	<0.001	
3/8/2016						<0.001
5/5/2016			<0.001	<0.001		
5/9/2016					<0.001	<0.001
5/10/2016	<0.001	<0.001				
7/13/2016	<0.001		<0.001	<0.001		
7/14/2016		<0.001			<0.001	<0.001
9/12/2016				<0.001	<0.001	<0.001
9/13/2016			<0.001			
9/14/2016		<0.001				
9/15/2016	<0.001					
10/31/2016			<0.001		<0.001	<0.001
11/1/2016		<0.001		<0.001		
11/2/2016	<0.001					
1/11/2017	0.0003 (J)	<0.001		<0.001	<0.001	
1/12/2017			<0.001			<0.001
3/20/2017	0.0003 (J)			<0.001		
3/21/2017		<0.001			<0.001	
3/22/2017						4E-05 (J)
3/23/2017			0.0001 (J)			
5/22/2017				<0.001	<0.001	5E-05 (J)
5/23/2017	0.0003 (J)	<0.001	0.0001 (J)			
9/19/2017						6E-05 (J)
9/20/2017					<0.001	
9/21/2017	0.0002 (J)			<0.001		
9/22/2017		<0.001				
9/25/2017			0.0001 (J)			
3/14/2018	0.00018 (J)	<0.001	<0.001	<0.001	<0.001	<0.001
9/7/2018	0.00016 (J)			<0.001		
9/10/2018					<0.001	<0.001
9/11/2018		<0.001	<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/11/2019	0.00026 (J)					
3/12/2019		<0.001	<0.001	<0.001	<0.001	<0.001
9/6/2019				<0.001		<0.001 (D)
9/9/2019	6E-05 (J)		<0.001		<0.001	
9/10/2019		<0.001				
3/4/2020	0.00014 (J)				<0.001	
3/5/2020		<0.001		<0.001		<0.001
3/6/2020			7.6E-05 (J)			
9/4/2020						<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001	
2/26/2021			<0.001	<0.001	<0.001	
3/9/2021	<0.001					<0.001
3/10/2021		<0.001				
7/29/2021			<0.001	<0.001		
7/30/2021	<0.001	<0.001				
8/2/2021						<0.001
8/5/2021					<0.001	
1/27/2022				<0.001	<0.001	<0.001
1/28/2022	<0.001	<0.001	<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				<0.001	<0.001
9/18/2014	0.0002 (J)	<0.001	0.0002 (J)		
10/4/2014				<0.001	<0.001
10/5/2014	0.0002 (J)	0.0001 (J)	0.0003 (J)		
10/22/2014	0.0002 (J)	<0.001	0.0002 (J)		
10/23/2014				<0.001	<0.001
11/5/2014	0.0002 (J)	0.0001 (J)			
11/10/2014				<0.001	<0.001
3/4/2015	0.0002 (J)	0.0001 (J)	0.0002 (J)	<0.001	<0.001
3/19/2015	0.0002 (J)	0.0001 (J)			
3/20/2015			0.0002 (J)	<0.001	<0.001
4/8/2015	0.0002 (J)	0.0001 (J)	0.0002 (J)	<0.001	
4/9/2015					<0.001
4/23/2015			0.0002 (J)	<0.001	<0.001
4/24/2015	0.0002 (J)	0.0001 (J)			
7/30/2015	0.0001 (J)	0.0001 (J)	0.0001 (J)	<0.001	<0.001
3/4/2016				<0.001	
3/7/2016		<0.001			
3/8/2016	<0.001				<0.001
3/9/2016			0.0033 (Jo)		
5/4/2016					<0.001
5/5/2016		<0.001		<0.001	
5/6/2016			<0.001		
5/9/2016	0.000353 (J)				
7/12/2016				<0.001	
7/14/2016		<0.001			
7/15/2016	<0.001		<0.001		
7/18/2016					<0.001
9/9/2016	<0.001				
9/12/2016		<0.001			
9/13/2016				<0.001	<0.001
9/14/2016			0.0002 (J)		
10/27/2016	<0.001	<0.001		<0.001	<0.001
11/1/2016			<0.001		
1/12/2017	<0.001				
1/13/2017		<0.001		<0.001	<0.001
1/25/2017			<0.001		
3/16/2017					<0.001
3/20/2017		<0.001		<0.001	
3/21/2017	<0.001				
3/22/2017			0.0001 (J)		
5/19/2017				<0.001	<0.001
5/23/2017	0.0002 (J)	0.0001 (J)			
5/24/2017			0.0001 (J)		
9/19/2017	0.0002 (J)	8E-05 (J)		<0.001	<0.001
9/21/2017			0.0002 (J)		
3/13/2018		0.00017 (J)		<0.001	<0.001
3/14/2018	<0.001		<0.001		
9/7/2018		<0.001			
9/10/2018	<0.001				
9/11/2018			<0.001	<0.001	<0.001
3/8/2019				<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/11/2019	<0.001	0.00015 (J)			
3/12/2019			<0.001		
9/5/2019		5.5E-05 (J)		<0.001 (D)	<0.001
9/6/2019	0.0002 (J)		0.0003 (J)		
3/3/2020	7.1E-05 (J)	7.2E-05 (J)		<0.001	<0.001
3/5/2020			0.00018 (J)		
9/4/2020					<0.001
9/8/2020	<0.001	0.00016 (J)			
9/9/2020			0.00016 (J)	<0.001	
3/9/2021	<0.001	<0.001		<0.001	<0.001
3/10/2021			<0.001		
7/29/2021				<0.001	
7/30/2021			0.00023 (J)		
8/2/2021	<0.001	<0.001			<0.001
1/27/2022		<0.001			<0.001
1/28/2022	0.00021 (J)		<0.001	<0.001	

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
2/29/2016						134 (D)
3/1/2016	96 (D)	150 (D)	34 (D)			
3/2/2016				34 (D)		
5/2/2016	63 (D)	105 (D)				
5/3/2016			<10 (D)	<10 (D)		
5/4/2016					175 (D)	113 (D)
7/6/2016		113 (D)				
7/7/2016	105 (D)			39 (D)	204 (D)	
7/8/2016			14 (JD)			152 (D)
9/7/2016	103 (D)	169 (D)	16 (JD)			
9/8/2016				<10 (D)	141 (D)	124 (D)
10/25/2016	101 (D)	152 (D)	<10 (D)	<10 (D)		
10/26/2016					153 (D)	134 (D)
1/5/2017	155	229				
1/6/2017			189 (O)		329 (D)	
2/9/2017				65		
3/14/2017		188	90 (o)			
3/15/2017	96				197 (D)	139
3/23/2017				<10		
5/16/2017		147	20 (J)			
5/17/2017	110			113		156
5/18/2017					250 (D)	
7/19/2017					195 (D)	
9/15/2017	89	146	14 (J)			141
9/19/2017				21 (J)	255 (D)	
3/12/2018	81	169	<10			
3/13/2018				33	233	150
9/6/2018	107	155	<10	<10		160
9/7/2018					232	
3/6/2019	71 (J)		22 (J)			
3/7/2019		135		84		159
3/8/2019					244	
9/4/2019	83	142	26	44	207	135
3/2/2020	65	170	<10	32		142
3/3/2020					211	
9/3/2020	90		25	21		132
9/9/2020					205	
9/14/2020		156				
2/24/2021	60		10	12		144
2/25/2021					217	
3/26/2021		123				
7/27/2021		163				170
7/28/2021			13	18	199	
8/6/2021	94					
1/25/2022				27		136
1/26/2022		184	26		190	

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
3/2/2016	130 (D)	134 (D)	125 (D)	185 (D)		
3/3/2016					181 (D)	403 (D)
5/3/2016	99 (D)	76 (D)		182 (D)	123 (D)	
5/4/2016			77 (D)			
5/9/2016						182 (D)
7/8/2016	132 (D)		139 (D)			
7/11/2016		142 (D)		195 (D)	149 (D)	262 (D)
9/7/2016		143 (D)				
9/8/2016	108 (D)		110 (D)			
9/9/2016				140 (D)	133 (D)	272 (D)
10/26/2016	113 (D)		115 (D)	148 (D)		276 (D)
10/27/2016		114 (D)			168 (D)	
1/9/2017	146		121	171	166	317
3/15/2017			132			355
3/16/2017	132	146		176	189	
5/18/2017			174	184	192	382
5/19/2017	114	129				
9/15/2017			124	194		362
9/18/2017					184	
9/19/2017	154	165				
3/12/2018				212	207	
3/13/2018	138	132	133			349
9/6/2018			135			
9/7/2018				240	202	377
9/11/2018	140	142				
3/7/2019			111		212	410
3/8/2019	143			248		
3/12/2019		150 (J)				
9/4/2019						326
9/5/2019	148	142	132	229	183	
3/3/2020			91	210		
3/4/2020	146	157			207	325
9/4/2020				226	180	267
9/8/2020	138	124	116			
2/25/2021			124	217	194	284
2/26/2021	128	98				
7/27/2021			116			
7/28/2021				232	206	291
7/29/2021	121	134				
1/25/2022			113			
1/26/2022	131	144		244		278
1/27/2022				207		

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/3/2016	306 (D)					
3/4/2016		348 (D)				
3/7/2016			100 (D)	167 (D)	172 (D)	
3/8/2016						207 (D)
5/5/2016			63 (D)	119 (D)		
5/9/2016					206 (D)	189 (D)
5/10/2016	275 (D)	342 (D)				
7/13/2016	234 (D)		63 (D)	135 (D)		
7/14/2016		335 (D)			136 (D)	193 (D)
9/12/2016				129 (D)	171 (D)	201 (D)
9/13/2016			81 (D)			
9/14/2016		335 (D)				
9/15/2016	259 (D)					
10/31/2016			40 (D)		160 (D)	215 (D)
11/1/2016		296 (D)		121 (D)		
11/2/2016	260 (D)					
1/11/2017	306	376		177	214	
1/12/2017			92			198
3/20/2017	304			149		
3/21/2017		346			175 (J)	
3/23/2017			116			
5/22/2017				119	129	197
5/23/2017	297	320	107			
9/19/2017						225
9/20/2017					173	
9/21/2017	307			166		
9/22/2017		337				
9/25/2017			110			
12/29/2017						198 (Y)
3/14/2018	312	323	115	139	156	167
9/7/2018	298			149		
9/10/2018					172	184
9/11/2018		317	102			
3/11/2019	344					
3/12/2019		306	135 (J)	143 (J)	156 (J)	191 (J)
9/6/2019				141		179
9/9/2019	275		95		172	
9/10/2019		312				
3/4/2020	326				157	
3/5/2020		307		143		171
3/6/2020			109			
9/4/2020						212
9/9/2020	297	285	88	120	152	
2/26/2021			90	121	172	
3/9/2021	335					163
3/10/2021		256				
7/29/2021			103	146		
7/30/2021	294	270				
8/2/2021						168
8/5/2021					154	
1/27/2022				146	149	176
1/28/2022	317	302	99			

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
3/4/2016				209 (D)	
3/7/2016		163 (D)			
3/8/2016	318 (D)				177 (D)
3/9/2016			287 (D)		
5/4/2016					97 (D)
5/5/2016		140 (D)		152 (D)	
5/6/2016			284 (D)		
5/9/2016	136 (D)				
7/12/2016				157 (D)	
7/14/2016		161 (D)			
7/15/2016	237 (D)		249 (D)		
7/18/2016					150 (D)
9/9/2016	263 (D)				
9/12/2016		168 (D)			
9/13/2016				154 (D)	159 (D)
9/14/2016			273 (D)		
10/27/2016	283 (D)	140 (D)		162 (D)	143 (D)
11/1/2016			258 (D)		
1/12/2017	276				
1/13/2017		147 (J)		165	158
1/25/2017			340		
3/16/2017					167
3/20/2017		186		205 (J)	
3/21/2017	385				
3/22/2017			264		
5/19/2017				149	150
5/23/2017	294	183			
5/24/2017			331		
9/19/2017	302	167		153	146
9/21/2017			347		
3/13/2018		159		153	153
3/14/2018	306		290		
9/7/2018		169			
9/10/2018	328				
9/11/2018			295	152	153
3/8/2019				164	155
3/11/2019	311	166			
3/12/2019			310 (J)		
9/5/2019		171		155.5 (D)	177
9/6/2019	291		300		
3/3/2020	292	181		146	183
3/5/2020			265		
9/4/2020					172
9/8/2020	297	157			
9/9/2020			501	155	
12/15/2020			351		
3/9/2021	286	161		158	153
3/10/2021			333		
7/29/2021				143	
7/30/2021			380		
8/2/2021	292	166			175
1/27/2022		167			168

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
1/28/2022	290		454	159	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	<0.01	0.0073				
9/16/2014			<0.01	0.00085 (J)		
10/3/2014	<0.01	<0.01	<0.01	0.00096 (J)		
10/20/2014	<0.01	0.0045 (J)	<0.01	<0.01		
11/10/2014	<0.01	<0.01	<0.01	0.00095 (J)		
3/2/2015	<0.01	<0.01	<0.01	0.0041 (J)		
3/17/2015	<0.01	<0.01	<0.01	0.0018 (J)		
4/5/2015	<0.01	0.0014 (J)	<0.01			
4/6/2015				<0.01		
4/21/2015	<0.01	0.0029 (J)				
4/22/2015			<0.01	<0.01		
5/8/2015					<0.01	<0.01
5/17/2015					0.0044 (J)	<0.01
5/25/2015					0.0025 (J)	<0.01
6/8/2015					0.0042 (J)	0.0012 (J)
6/18/2015					0.0056	<0.01
6/24/2015					0.016	<0.01
6/30/2015					0.013	<0.01
7/6/2015					0.012	0.0011 (J)
7/28/2015	<0.01	0.0031 (J)	<0.01	<0.01		
8/12/2015					0.0279 (o)	0.000519 (J)
2/29/2016						<0.01
3/1/2016	<0.01	<0.01	<0.01			
3/2/2016				<0.01		
7/6/2016		<0.01				
7/7/2016	<0.01			<0.01	<0.01 (D)	
7/8/2016			0.0028 (J)			<0.01
3/14/2017		<0.01	<0.01			
3/15/2017	<0.01				<0.01 (D)	<0.01
3/23/2017				<0.01		
9/15/2017	<0.01	<0.01	<0.01			<0.01
9/19/2017				<0.01	<0.01 (D)	
3/12/2018	<0.01	<0.01	<0.01			
3/13/2018				<0.01	<0.01	<0.01
9/6/2018	<0.01	<0.01	<0.01	<0.01		<0.01
9/7/2018					<0.01	
3/6/2019	<0.01		<0.01			
3/7/2019		<0.01		<0.01		<0.01
3/8/2019					<0.01	
9/4/2019	<0.01	<0.01	0.00073 (J)	0.00288 (D)	<0.01	<0.01
3/2/2020	<0.01	<0.01	0.00074 (J)	0.0014 (J)		<0.01
3/3/2020					0.00091 (J)	
9/3/2020	<0.01		<0.01	<0.01		<0.01
9/9/2020					<0.01	
9/14/2020		<0.01				
2/24/2021	<0.01		<0.01	<0.01		<0.01
2/25/2021					<0.01	
3/26/2021		<0.01				
7/27/2021		<0.01				<0.01
7/28/2021			<0.01	<0.01	<0.01	
8/6/2021	<0.01					
1/25/2022				<0.01		<0.01

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
1/26/2022		<0.01	<0.01		<0.01	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		<0.01				
5/9/2015	<0.01		0.0018 (J)	<0.01	<0.01	<0.01
5/17/2015		<0.01				
5/18/2015	<0.01		0.0014 (J)	0.0014 (J)	0.0017 (J)	
5/19/2015						0.0015 (J)
5/25/2015	<0.01	<0.01	<0.01			
5/26/2015				<0.01	<0.01	<0.01
6/8/2015	<0.01	<0.01				
6/9/2015			<0.01	<0.01	0.0033 (J)	<0.01
6/17/2015	<0.01		0.0015 (J)	<0.01	<0.01	<0.01
6/18/2015		<0.01				
6/24/2015	<0.01	<0.01				
6/25/2015			<0.01	<0.01	<0.01	<0.01
6/30/2015	<0.01	<0.01				
7/1/2015			<0.01	<0.01	0.0031 (J)	<0.01
7/6/2015	<0.01	<0.01				
7/7/2015			<0.01	<0.01	<0.01	<0.01
8/12/2015	0.000525 (J)	0.000172 (J)	0.000656 (J)	0.000246 (J)	0.000187 (J)	0.000497 (J)
3/2/2016	<0.01	<0.01	<0.01	<0.01		
3/3/2016					<0.01	<0.01
7/8/2016	<0.01		<0.01			
7/11/2016		<0.01		<0.01	<0.01	<0.01
3/15/2017			<0.01			<0.01
3/16/2017	<0.01	<0.01		<0.01	<0.01	
9/15/2017			<0.01	<0.01		<0.01
9/18/2017					<0.01	
9/19/2017	<0.01	<0.01				
3/12/2018				<0.01	<0.01	
3/13/2018	<0.01	<0.01	<0.01			<0.01
9/6/2018			<0.01			
9/7/2018				<0.01	<0.01	<0.01
9/11/2018	<0.01	<0.01				
3/7/2019			<0.01		<0.01	<0.01
3/8/2019	<0.01			<0.01		
3/12/2019		<0.01				
9/4/2019						<0.01
9/5/2019	<0.01	<0.01	<0.01	<0.01	<0.01	
3/3/2020			<0.01	<0.01		
3/4/2020	<0.01	<0.01			<0.01	<0.01
9/4/2020				<0.01	<0.01	<0.01
9/8/2020	<0.01	<0.01	<0.01			
2/25/2021			<0.01	<0.01	<0.01	<0.01
2/26/2021	<0.01	<0.01				
7/27/2021			<0.01			
7/28/2021				<0.01	<0.01	<0.01
7/29/2021	<0.01	<0.01				
1/25/2022			<0.01			
1/26/2022	<0.01	<0.01		<0.01		<0.01
1/27/2022					<0.01	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	0.0019 (J)					
9/17/2014		<0.01	<0.01	0.001 (J)	<0.01	
9/18/2014						<0.01
10/4/2014	0.005	<0.01	<0.01	<0.01	<0.01	
10/5/2014						<0.01
10/21/2014	0.00089 (J)	<0.01	<0.01	0.00084 (J)	<0.01	
10/22/2014						<0.01
11/5/2014			<0.01		<0.01	<0.01
11/11/2014	<0.01	0.0012 (J)		<0.01		
3/3/2015	0.00093 (J)	<0.01	<0.01	<0.01	<0.01	
3/4/2015						<0.01
3/18/2015	<0.01	<0.01	<0.01	<0.01		
3/19/2015					<0.01	0.0012 (J)
4/6/2015	<0.01	<0.01				
4/7/2015			<0.01	<0.01	<0.01	<0.01
4/23/2015	<0.01	<0.01	<0.01	<0.01		
4/24/2015					<0.01	<0.01
7/29/2015	<0.01	<0.01	<0.01	<0.01	<0.01	
7/30/2015						<0.01
3/3/2016	<0.01 (D)					
3/4/2016		<0.01				
3/7/2016			<0.01	<0.01	<0.01	
3/8/2016						<0.01
7/13/2016	0.0021 (J)		<0.01	<0.01		
7/14/2016		<0.01			<0.01	<0.01
3/20/2017	0.0019 (J)			<0.01		
3/21/2017		<0.01			<0.01	
3/22/2017						<0.01
3/23/2017			<0.01			
9/19/2017						<0.01
9/20/2017					<0.01	
9/21/2017	<0.01			<0.01		
9/22/2017		<0.01				
9/25/2017			<0.01			
3/14/2018	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
9/7/2018	<0.01			<0.01		
9/10/2018					<0.01	<0.01
9/11/2018		<0.01	<0.01			
3/11/2019	<0.01					
3/12/2019		<0.01	<0.01	<0.01	<0.01	<0.01
9/6/2019				<0.01		<0.01 (D)
9/9/2019	0.00091 (J)		0.00078 (J)		0.00081 (J)	
9/10/2019		<0.01				
3/4/2020	0.0023 (J)				0.00096 (J)	
3/5/2020		<0.01		<0.01		<0.01
3/6/2020			<0.01			
9/4/2020						<0.01
9/9/2020	<0.01	<0.01	<0.01	<0.01	<0.01	
2/26/2021			<0.01	<0.01	<0.01	
3/9/2021	0.003 (J)					<0.01
3/10/2021		<0.01				
7/29/2021			<0.01	<0.01		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
7/30/2021	0.0022 (J)	<0.01				
8/2/2021						<0.01
8/5/2021					<0.01	
1/27/2022				<0.01	<0.01	<0.01
1/28/2022	<0.01	<0.01	<0.01			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				0.0012 (J)	<0.01
9/18/2014	<0.01	<0.01	<0.01		
10/4/2014				<0.01	<0.01
10/5/2014	<0.01	<0.01	<0.01		
10/22/2014	<0.01	<0.01	0.00083 (J)		
10/23/2014				<0.01	<0.01
11/5/2014	<0.01	<0.01	0.0014 (J)		
11/10/2014				<0.01	<0.01
3/4/2015	<0.01	<0.01	<0.01	<0.01	<0.01
3/19/2015	<0.01	<0.01			
3/20/2015			<0.01	<0.01	<0.01
4/8/2015	<0.01	<0.01	0.0017 (J)	0.0012 (J)	
4/9/2015					<0.01
4/23/2015			<0.01	<0.01	<0.01
4/24/2015	<0.01	<0.01			
7/30/2015	<0.01	<0.01	<0.01	<0.01	<0.01
3/4/2016				<0.01	
3/7/2016		<0.01			
3/8/2016	<0.01				<0.01
3/9/2016			<0.01		
7/12/2016				0.002 (J)	
7/14/2016		<0.01			
7/15/2016	<0.01		<0.01		
7/18/2016					<0.01
3/16/2017					<0.01
3/20/2017		<0.01		<0.01	
3/21/2017	<0.01				
3/22/2017			<0.01		
9/19/2017	<0.01	<0.01		0.0012 (J)	<0.01
9/21/2017			<0.01		
3/13/2018		<0.01		<0.01	<0.01
3/14/2018	<0.01		<0.01		
9/7/2018		<0.01			
9/10/2018	<0.01				
9/11/2018			<0.01	<0.01	<0.01
3/8/2019				<0.01	<0.01
3/11/2019	<0.01	<0.01			
3/12/2019			<0.01		
9/5/2019		0.00094 (J)		0.0012 (JD)	<0.01
9/6/2019	0.0012 (J)		0.0011 (J)		
3/3/2020	0.00085 (J)	<0.01		0.0011 (J)	<0.01
3/5/2020			0.00071 (J)		
9/4/2020					<0.01
9/8/2020	<0.01	<0.01			
9/9/2020			<0.01	<0.01	
3/9/2021	<0.01	<0.01		<0.01	<0.01
3/10/2021			<0.01		
7/29/2021				<0.01	
7/30/2021			<0.01		
8/2/2021	<0.01	<0.01			<0.01
1/27/2022		<0.01			<0.01
1/28/2022	<0.01		<0.01	<0.01	

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
9/15/2014	0.15	0.44 (o)				
9/16/2014			0.0062	0.0054		
10/3/2014	0.04	0.021	0.0085	0.007		
10/20/2014	0.042	0.19	0.0087	0.0052		
11/10/2014	0.1	0.0014 (J)	0.01	0.0054		
3/2/2015	0.073	0.032	0.0077	0.041 (o)		
3/17/2015	0.2	0.034	0.0086	0.014		
4/5/2015	0.29	0.089	0.0098			
4/6/2015				0.0044		
4/21/2015	0.46	0.16				
4/22/2015			0.0049	0.0023 (J)		
5/8/2015					0.015	<0.02
5/17/2015					0.12 (o)	0.0017 (J)
5/25/2015					0.023	0.003
6/8/2015					0.016	0.0025
6/18/2015					0.016	0.0019 (J)
6/24/2015					0.022	0.0028
6/30/2015					0.017	<0.02
7/6/2015					0.01	<0.02
7/28/2015	0.26	0.15	0.0099	0.0035		
8/12/2015					0.0047 (BJ)	0.0033 (BJ)
2/29/2016						<0.02
3/1/2016	0.378	0.0627	0.00756 (J)			
3/2/2016				0.0029 (J)		
7/6/2016		0.0532				
7/7/2016	0.263			0.0023 (J)	0.0073 (JD)	
7/8/2016			0.0098 (J)			<0.02
3/14/2017		0.0401	0.0042 (J)			
3/15/2017	0.382				<0.02 (D)	0.0013 (J)
3/23/2017				<0.02		
9/15/2017	0.406	0.0338	0.0032 (J)			<0.02
9/19/2017				0.002 (J)	<0.02 (D)	
3/12/2018	0.5	0.042	0.0025 (J)			
3/13/2018				<0.02	<0.02	<0.02
9/6/2018	0.37	0.045	<0.02	<0.02		<0.02
9/7/2018				<0.02		
3/6/2019	0.56		0.0035 (J)			
3/7/2019		0.043		<0.02		<0.02
3/8/2019					<0.02	
9/4/2019	0.34	0.052	0.0086 (J)	0.00565 (JD)	0.0051 (J)	0.0045 (J)
3/2/2020	0.54	0.056	0.0063 (J)	0.0032 (J)		0.0024 (J)
3/3/2020					0.0035 (J)	
9/3/2020	0.35		0.0049 (J)	<0.02		<0.02
9/9/2020					<0.02	
9/14/2020		0.053				
2/24/2021	0.44		0.0038 (J)	<0.02		<0.02
2/25/2021					<0.02	
3/26/2021		0.046				
7/27/2021		<0.02				<0.02
7/28/2021			0.0088 (J)	<0.02	<0.02	
8/6/2021	0.15					
1/25/2022				<0.02		<0.02

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWA-51RZ (bg)	GWA-52 (bg)
1/26/2022		<0.02	<0.02		<0.02	

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)
5/8/2015		0.0022 (J)				
5/9/2015	0.0023 (J)		<0.02	<0.02	<0.02	<0.02
5/17/2015		<0.02				
5/18/2015	0.0034		0.0019 (J)	0.0016 (J)	0.0033	
5/19/2015						0.0045
5/25/2015	<0.02	0.0022 (J)	0.0022 (J)			
5/26/2015				<0.02	0.0022 (J)	0.0038
6/8/2015	0.0015 (J)	0.0015 (J)				
6/9/2015			0.0015 (J)	0.0026	0.0082	0.0037
6/17/2015	<0.02		0.0035	0.0017 (J)	<0.02	0.0018 (J)
6/18/2015		0.0026				
6/24/2015	<0.02	0.0015 (J)				
6/25/2015			<0.02	<0.02	<0.02	<0.02
6/30/2015	<0.02	0.0015 (J)				
7/1/2015			<0.02	<0.02	0.0064	<0.02
7/6/2015	<0.02	<0.02				
7/7/2015			<0.02	<0.02	<0.02	<0.02
8/12/2015	0.004 (BJ)	0.0031 (BJ)	0.0015 (BJ)			
8/13/2015				0.002 (BJ)	0.0028 (BJ)	0.0017 (BJ)
3/2/2016	0.0035 (J)	0.0028 (J)	<0.02	<0.02		
3/3/2016					<0.02	<0.02
7/8/2016	<0.02		0.0029 (J)			
7/11/2016		<0.02		<0.02	<0.02	0.0018 (J)
3/15/2017			0.0024 (J)			0.0034 (J)
3/16/2017	0.0029 (J)	0.0018 (J)		0.0015 (J)	0.0054 (J)	
9/15/2017			0.0016 (J)	<0.02		<0.02
9/18/2017					<0.02	
9/19/2017	0.0018 (J)	<0.02				
3/12/2018				<0.02	<0.02	
3/13/2018	0.0021 (J)	<0.02	0.0023 (J)			0.0029 (J)
9/6/2018			<0.02			
9/7/2018				<0.02	<0.02	<0.02
9/11/2018	<0.02	<0.02				
3/7/2019			<0.02		<0.02	<0.02
3/8/2019	<0.02			<0.02		
3/12/2019		<0.02				
9/4/2019						0.0052 (J)
9/5/2019	0.0064 (J)	0.0098 (J)	0.0048 (J)	0.0056 (J)	0.0045 (J)	
3/3/2020			0.0024 (J)	0.005 (J)		
3/4/2020	0.004 (J)	0.0027 (J)			0.0028 (J)	0.0029 (J)
9/4/2020				<0.02	<0.02	<0.02
9/8/2020	<0.02	<0.02	<0.02			
2/25/2021			<0.02	<0.02	<0.02	<0.02
2/26/2021	<0.02	<0.02				
7/27/2021			<0.02			
7/28/2021				<0.02	<0.02	<0.02
7/29/2021	0.01 (J)	<0.02				
1/25/2022			<0.02			
1/26/2022	<0.02	<0.02		<0.02		<0.02
1/27/2022				<0.02		

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014	0.072					
9/17/2014		0.0028	0.0035	0.002 (J)	0.0026	
9/18/2014						0.0023 (J)
10/4/2014	0.078	0.0038	0.0032	0.001 (J)	0.0034	
10/5/2014						0.0025
10/21/2014	0.083	0.0043	0.0028	0.00082 (J)	0.0037	
10/22/2014						0.0018 (J)
11/5/2014			0.004		0.0035	0.0019 (J)
11/11/2014	0.082	0.0041		0.00076 (J)		
3/3/2015	0.078	0.0042	0.004	<0.02	0.0036	
3/4/2015						0.0016 (J)
3/18/2015	0.075	0.0046	0.0024 (J)	0.0016 (J)		
3/19/2015					0.0035	0.0025
4/6/2015	0.071	0.0043				
4/7/2015			0.0055	<0.02	0.0039	0.0026
4/23/2015	0.072	0.0047	0.0035	<0.02		
4/24/2015					0.0034	0.0017 (J)
7/29/2015	0.072	0.0039	0.0062	<0.02	0.0038	
7/30/2015						0.0017 (J)
3/3/2016	0.0227 (D)					
3/4/2016		0.0219 (J)				
3/7/2016			0.0225 (J)	<0.02	<0.02	
3/8/2016						0.557 (o)
7/13/2016	0.0709		0.0031 (J)	0.0013 (J)		
7/14/2016		0.0111			<0.02	<0.02
3/20/2017	0.0465			<0.02		
3/21/2017		<0.02			<0.02	
3/22/2017						<0.02
3/23/2017			<0.02			
9/19/2017						0.0031 (J)
9/20/2017					0.0062 (J)	
9/21/2017	0.0302			0.0018 (J)		
9/22/2017		0.0023 (J)				
9/25/2017			0.002 (J)			
3/14/2018	0.031	0.0021 (J)	0.0036 (J)	<0.02	<0.02	<0.02
9/7/2018	<0.02			<0.02		
9/10/2018					<0.02	<0.02
9/11/2018		<0.02	<0.02			
3/11/2019	0.024					
3/12/2019		0.0038 (J)	<0.02	<0.02	<0.02	<0.02
9/6/2019				0.0046 (J)		0.00455 (JD)
9/9/2019	0.029		0.0063 (J)		0.0062 (J)	
9/10/2019		0.0055 (J)				
3/4/2020	0.015				0.0072 (J)	
3/5/2020		0.0035 (J)		0.0024 (J)		0.0023 (J)
3/6/2020			0.0045 (J)			
9/4/2020						<0.02
9/9/2020	0.037	<0.02	<0.02	<0.02	<0.02	
2/26/2021			<0.02	<0.02	<0.02	
3/9/2021	0.025					<0.02
3/10/2021		<0.02				
7/29/2021			<0.02	0.015 (J)		

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
7/30/2021	0.032	<0.02				
8/2/2021						<0.02
8/5/2021					<0.02	
1/27/2022				<0.02	<0.02	<0.02
1/28/2022	0.026	<0.02	<0.02			

Time Series

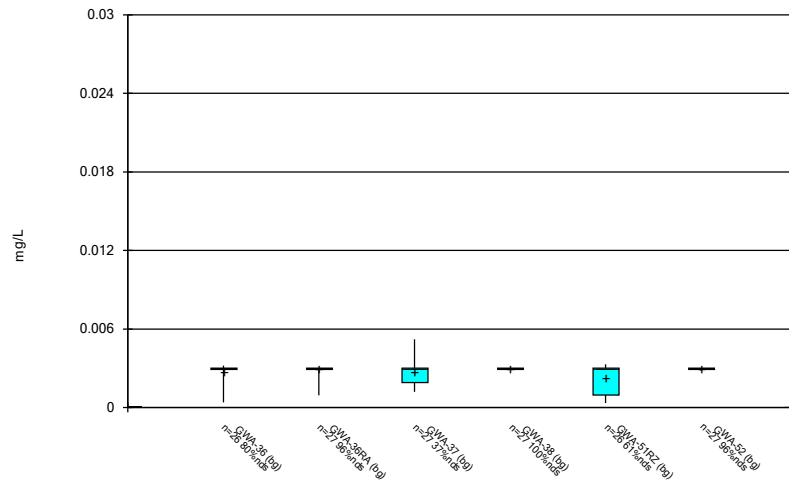
Constituent: Zinc (mg/L) Analysis Run 4/11/2022 4:21 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-22R	GWC-23R	GWC-24R	GWC-25R
9/16/2014				0.00054 (J)	0.004
9/18/2014	0.0033	0.00089 (J)	0.0013 (J)		
10/4/2014				0.0008 (J)	0.0011 (J)
10/5/2014	0.0036	0.0016 (J)	0.00085 (J)		
10/22/2014	0.0038	0.0017 (J)	0.0014 (J)		
10/23/2014				<0.02	0.0011 (J)
11/5/2014	0.0046	0.0038	0.0022 (J)		
11/10/2014				<0.02	0.0028
3/4/2015	0.0029	0.002 (J)	0.0033	<0.02	<0.02
3/19/2015	0.0027	0.0025			
3/20/2015			0.002 (J)	<0.02	<0.02
4/8/2015	0.0039	0.0018 (J)	0.004	0.0016 (J)	
4/9/2015					<0.02
4/23/2015			0.002 (J)	<0.02	<0.02
4/24/2015	0.0035	0.0016 (J)			
7/30/2015	0.0027	<0.02	<0.02	<0.02	<0.02
3/4/2016				0.00374 (J)	
3/7/2016		<0.02			
3/8/2016	0.00273 (J)				0.00198 (J)
3/9/2016			<0.02		
7/12/2016				<0.02	
7/14/2016		<0.02			
7/15/2016	<0.02		<0.02		
7/18/2016					<0.02
3/16/2017					0.0026 (J)
3/20/2017		0.0075 (J)		<0.02	
3/21/2017	<0.02				
3/22/2017			<0.02		
9/19/2017	0.0022 (J)	<0.02		0.0028 (J)	<0.02
9/21/2017			0.0034 (J)		
3/13/2018		<0.02		0.0068 (J)	<0.02
3/14/2018	0.0049 (J)		<0.02		
9/7/2018		<0.02			
9/10/2018	<0.02				
9/11/2018			<0.02	<0.02	<0.02
3/8/2019				<0.02	<0.02
3/11/2019	0.0034 (J)	0.0021 (J)			
3/12/2019			<0.02		
9/5/2019		0.0053 (J)		0.00675 (JD)	0.0053 (J)
9/6/2019	0.045		0.0059 (J)		
3/3/2020	0.0044 (J)	0.0029 (J)		0.0033 (J)	0.0027 (J)
3/5/2020			0.0084 (J)		
9/4/2020					<0.02
9/8/2020	0.0063 (J)	0.0037 (J)			
9/9/2020			<0.02	0.0048 (J)	
3/9/2021	<0.02	<0.02		0.0063 (J)	<0.02
3/10/2021			<0.02		
7/29/2021				<0.02	
7/30/2021			<0.02		
8/2/2021	<0.02	<0.02			<0.02
1/27/2022		<0.02			<0.02
1/28/2022	<0.02		0.0099 (J)	<0.02	

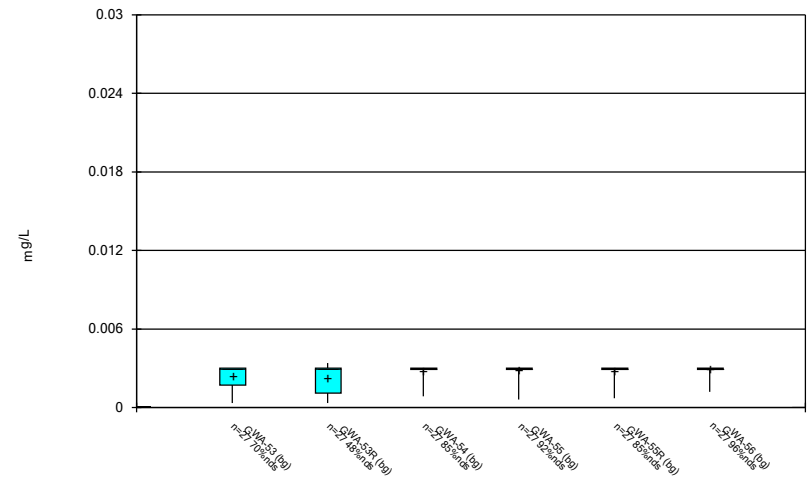
FIGURE B.

Box & Whiskers Plot



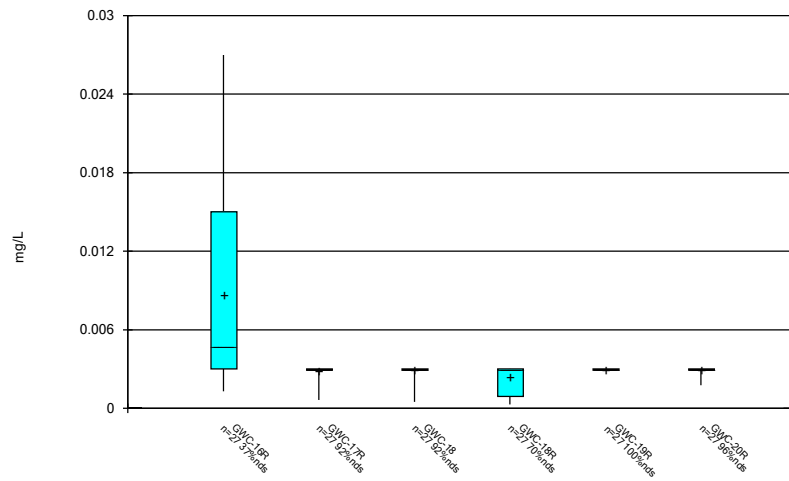
Constituent: Antimony Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



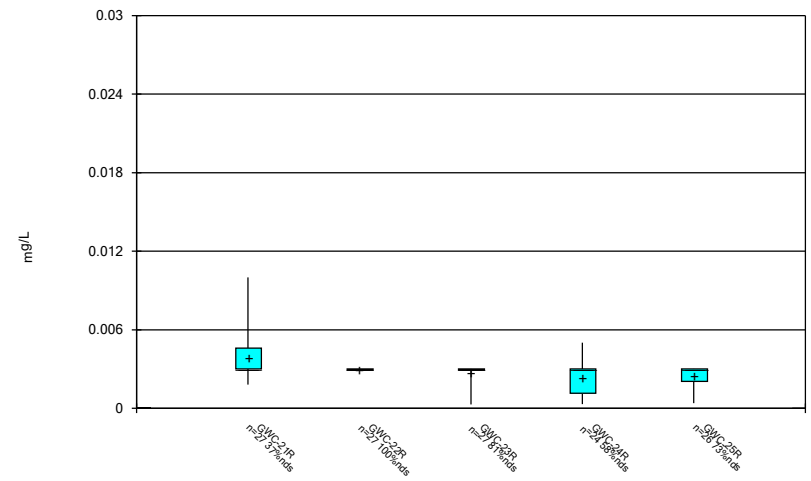
Constituent: Antimony Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



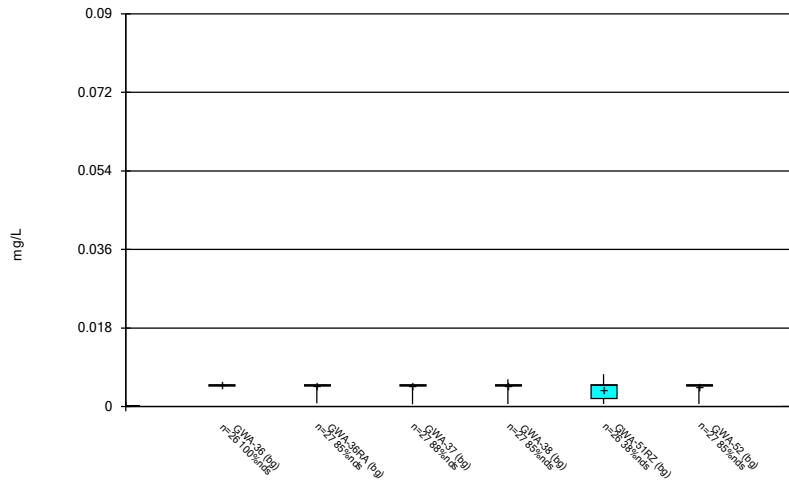
Constituent: Antimony Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



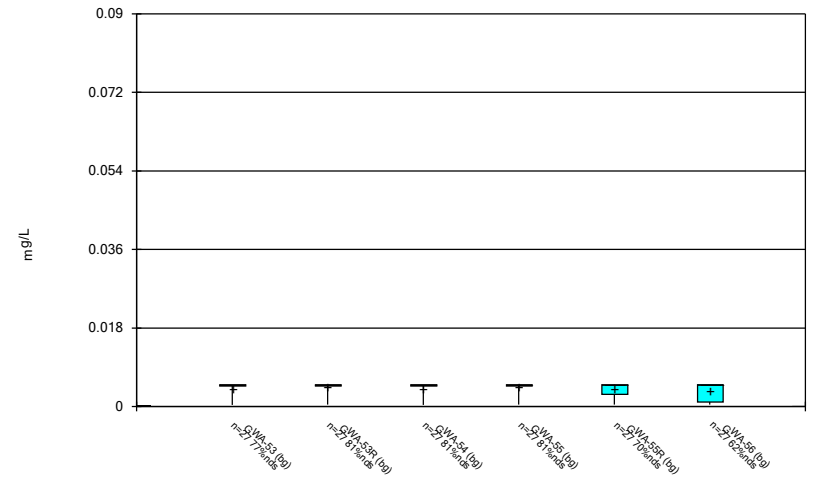
Constituent: Antimony Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



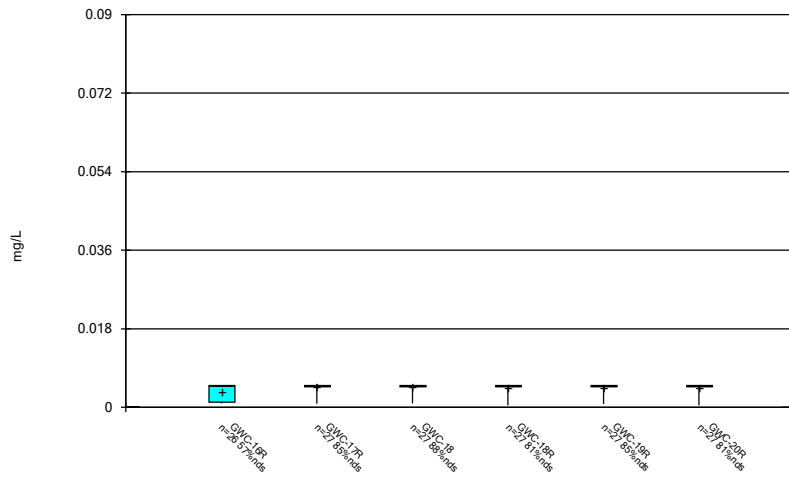
Constituent: Arsenic Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



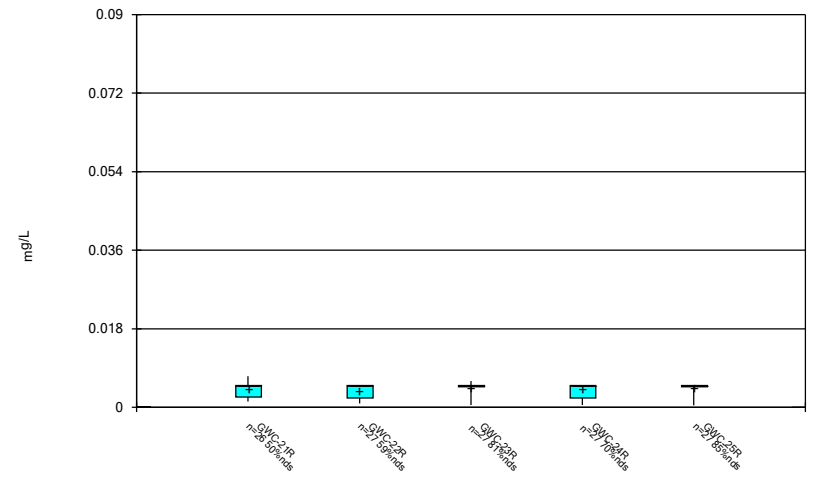
Constituent: Arsenic Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



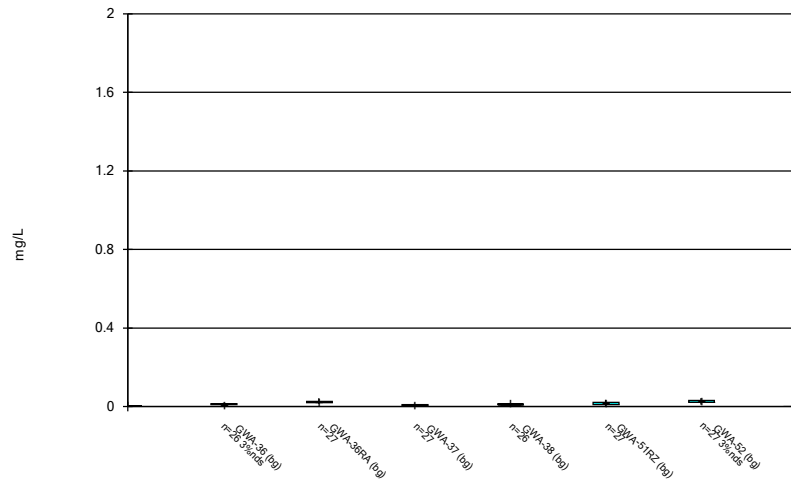
Constituent: Arsenic Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



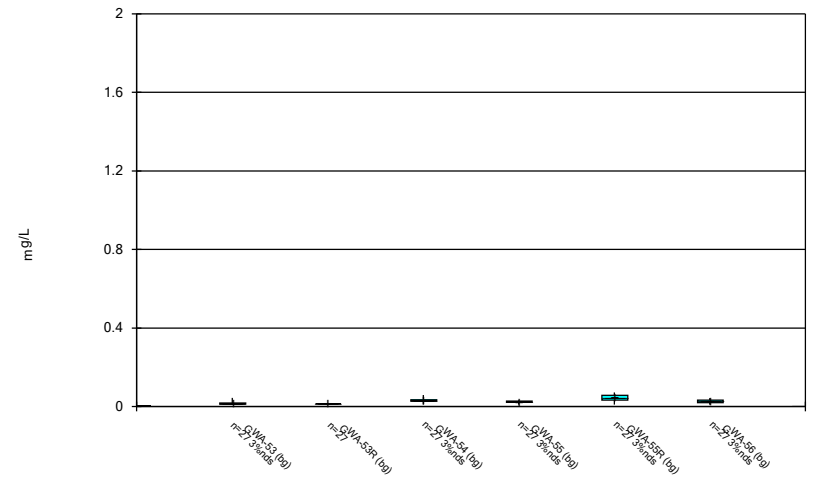
Constituent: Arsenic Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



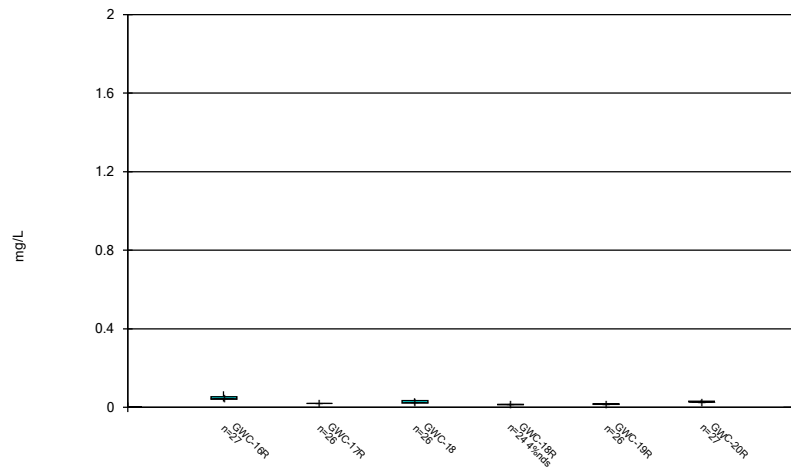
Constituent: Barium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



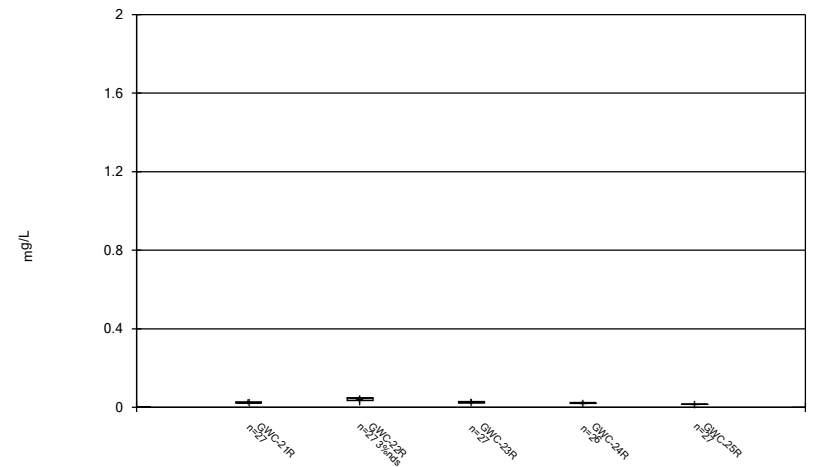
Constituent: Barium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



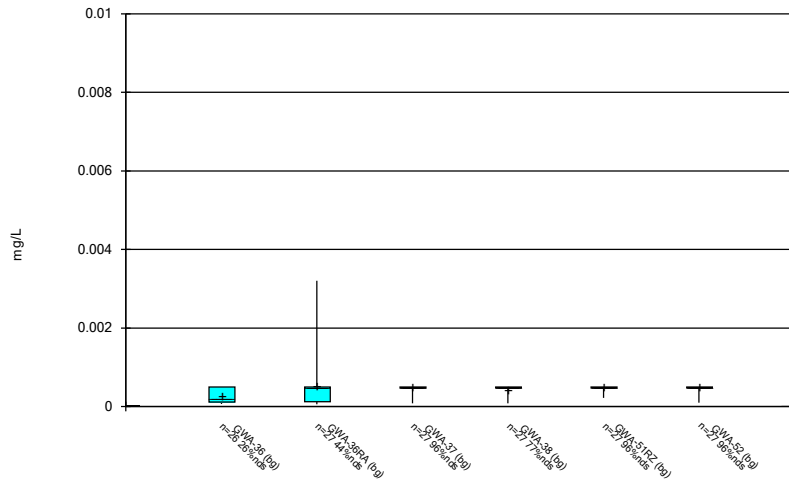
Constituent: Barium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



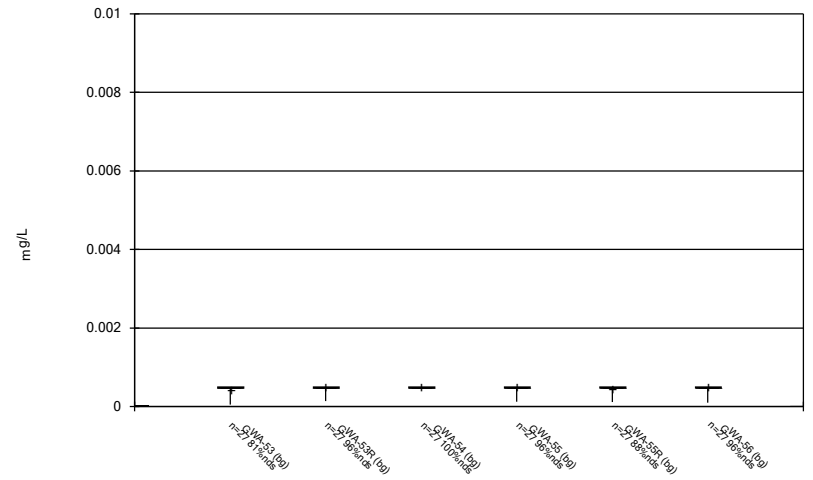
Constituent: Barium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



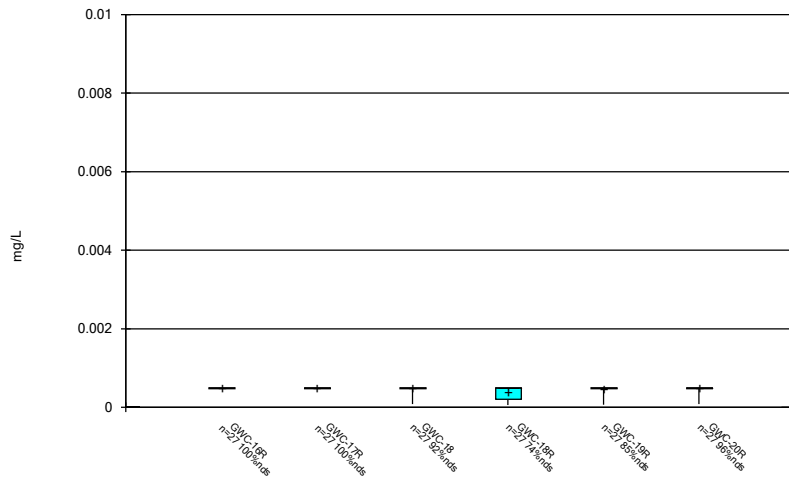
Constituent: Beryllium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



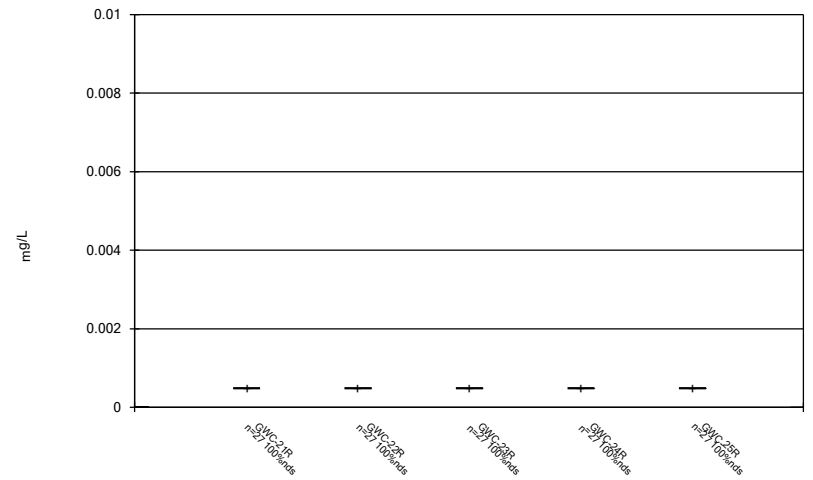
Constituent: Beryllium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



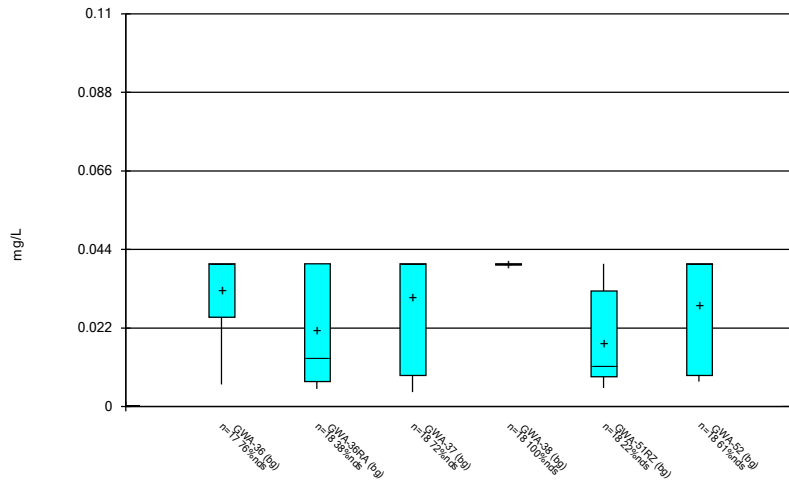
Constituent: Beryllium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



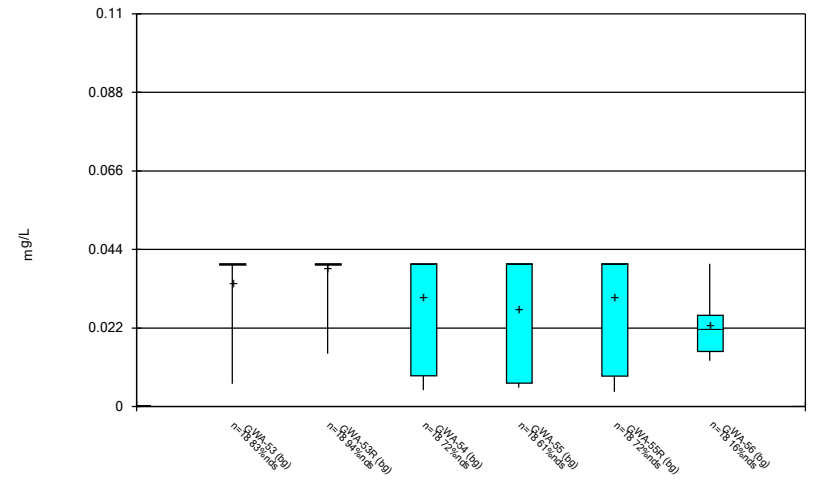
Constituent: Beryllium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



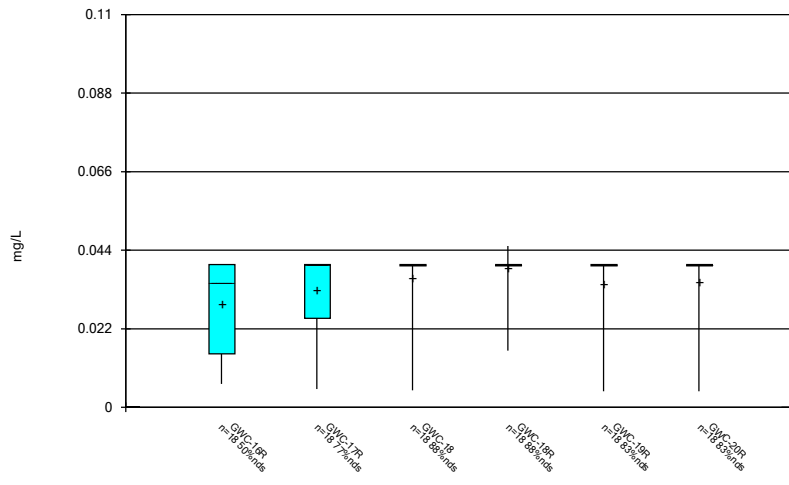
Constituent: Boron Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



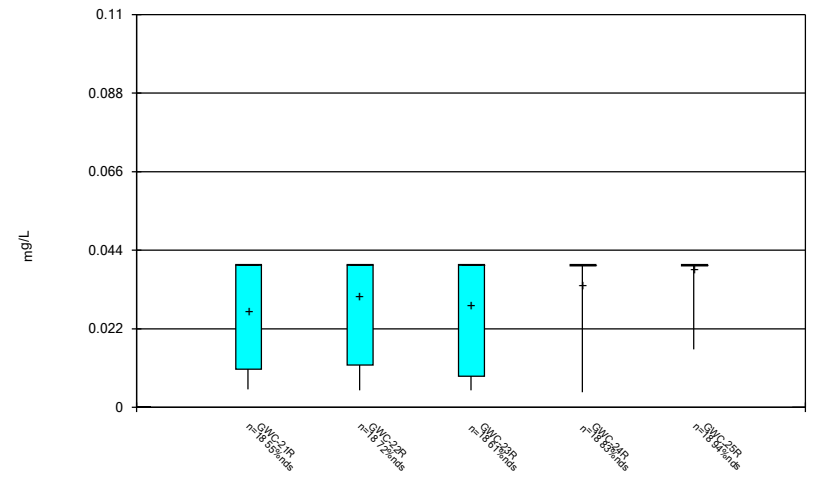
Constituent: Boron Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



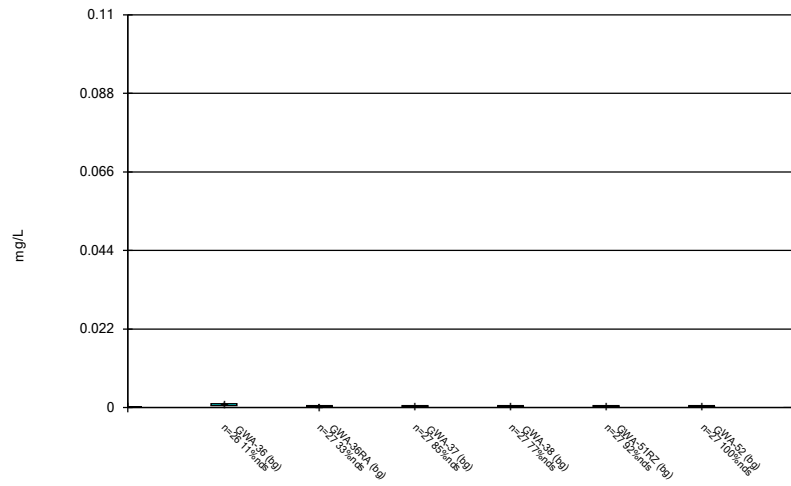
Constituent: Boron Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



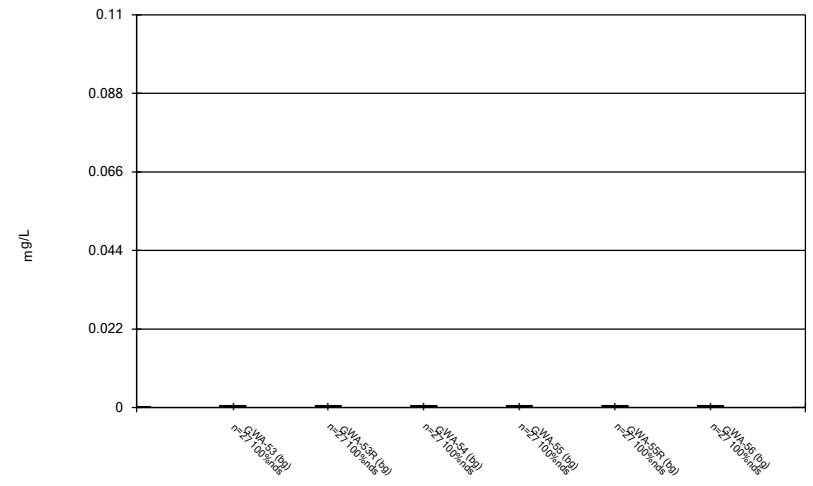
Constituent: Boron Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



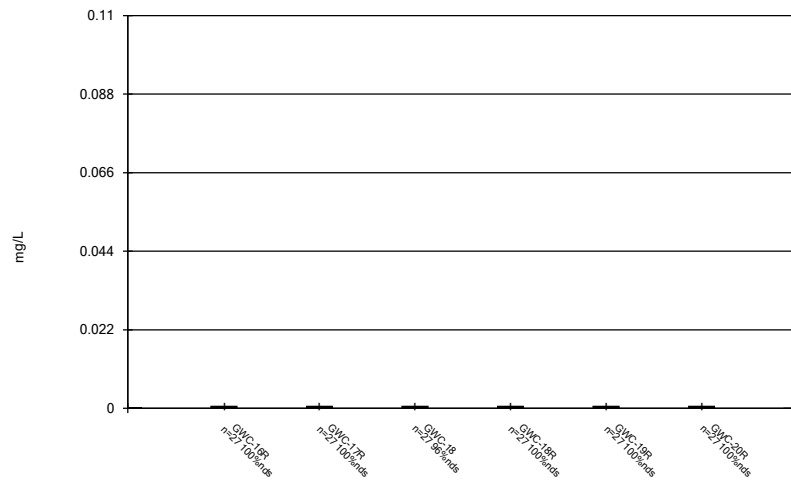
Constituent: Cadmium Analysis Run 3/31/2022 12:56 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



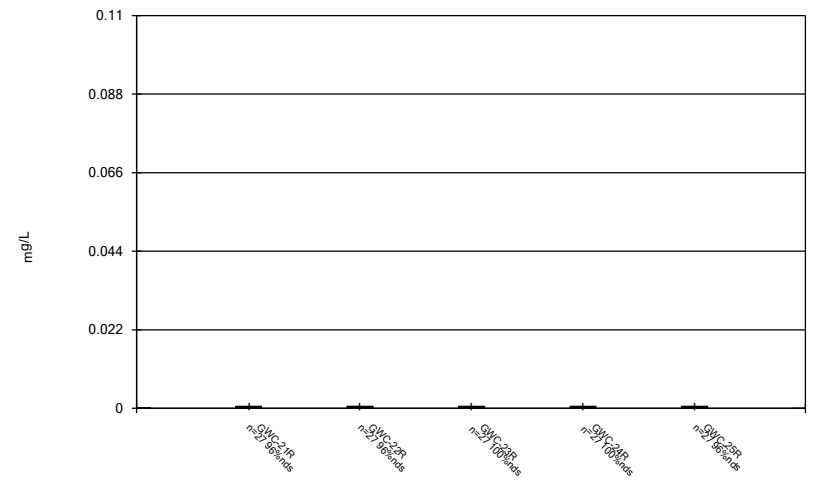
Constituent: Cadmium Analysis Run 3/31/2022 12:56 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



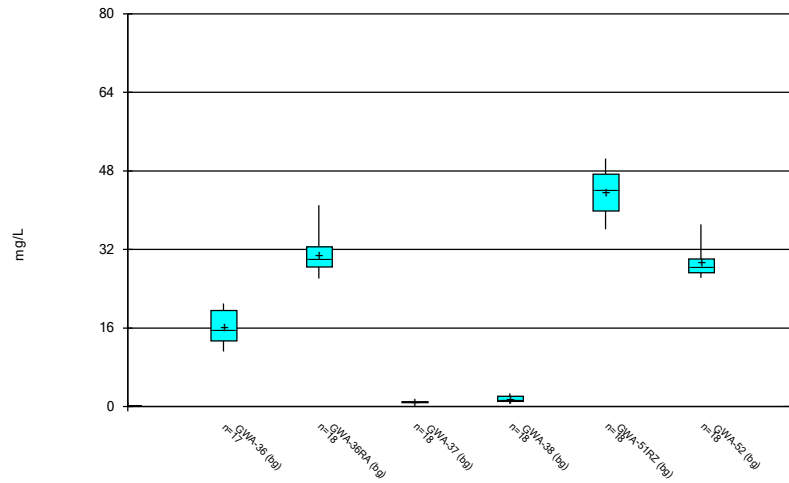
Constituent: Cadmium Analysis Run 3/31/2022 12:56 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



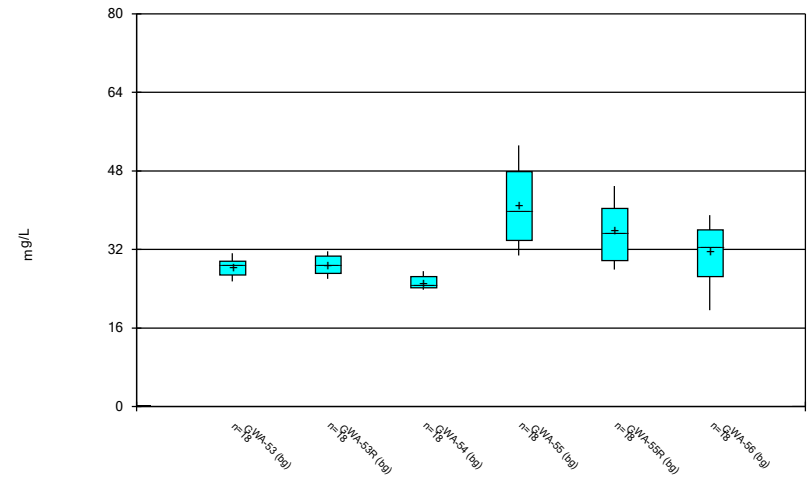
Constituent: Cadmium Analysis Run 3/31/2022 12:56 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



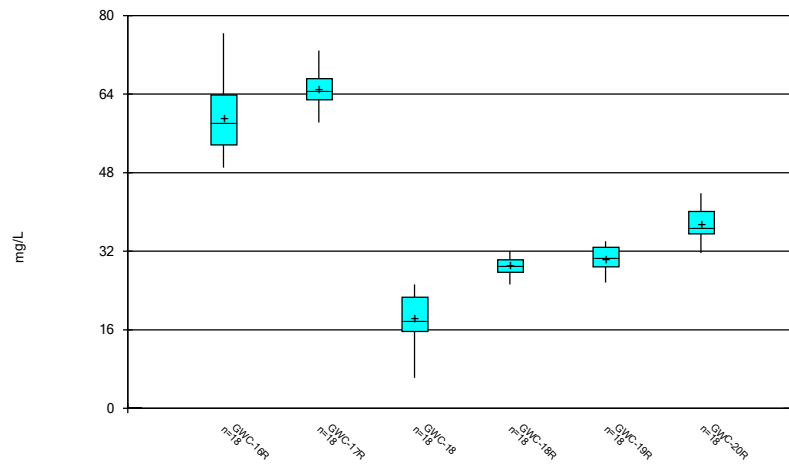
Constituent: Calcium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



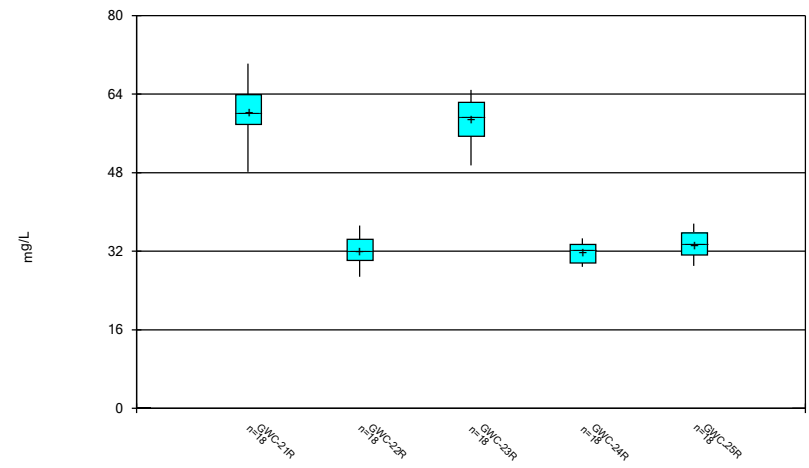
Constituent: Calcium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



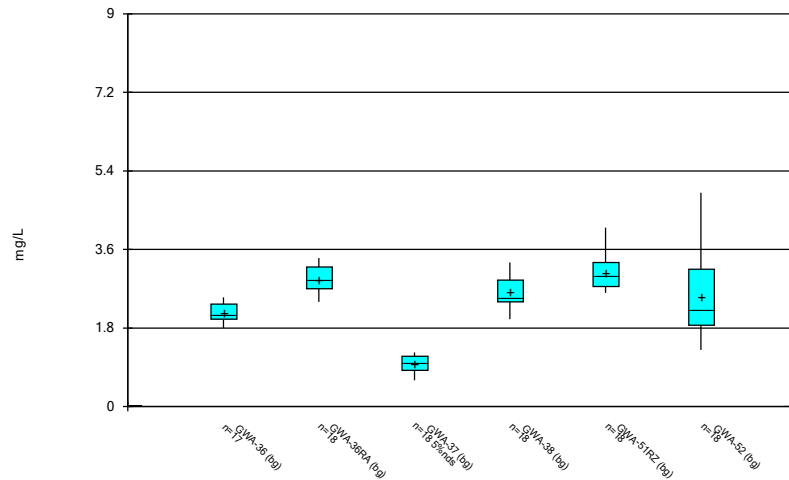
Constituent: Calcium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



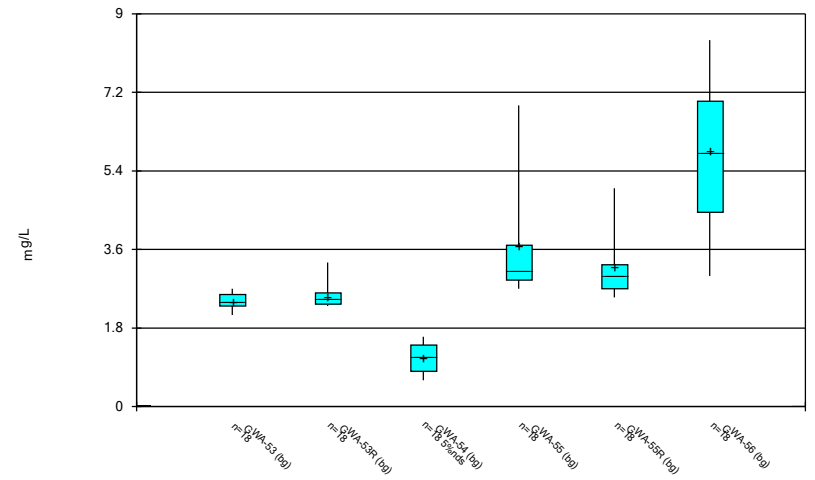
Constituent: Calcium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



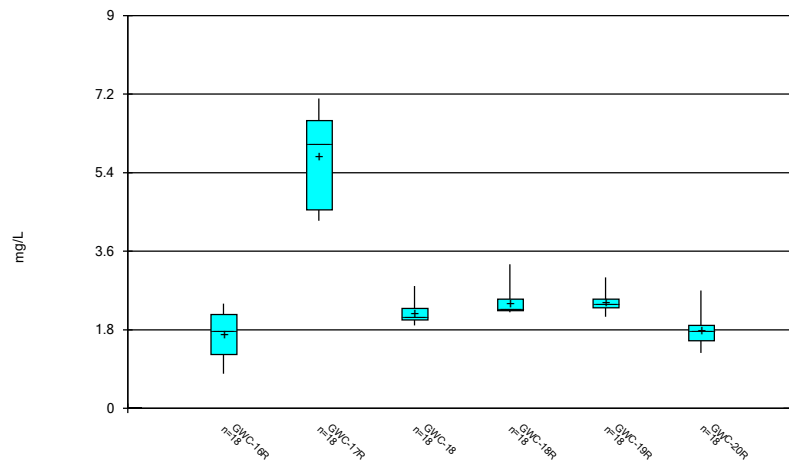
Constituent: Chloride Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



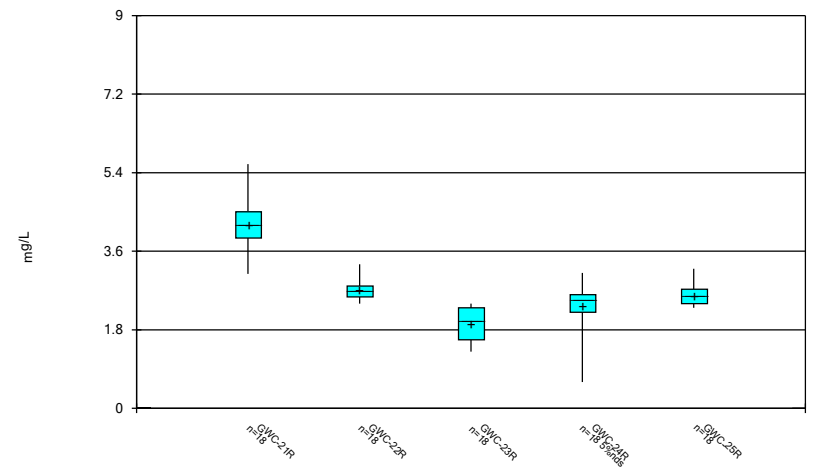
Constituent: Chloride Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



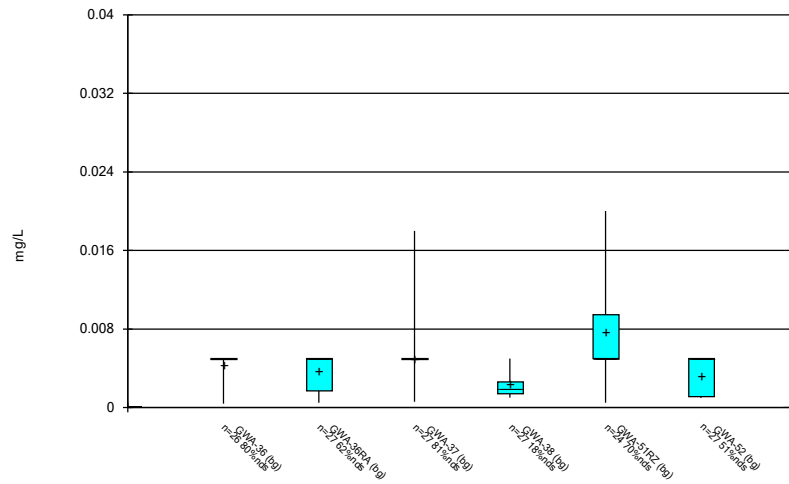
Constituent: Chloride Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



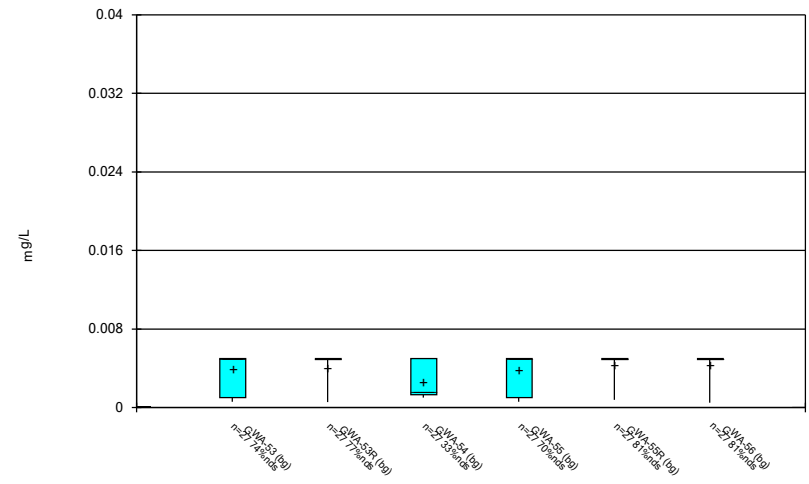
Constituent: Chloride Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



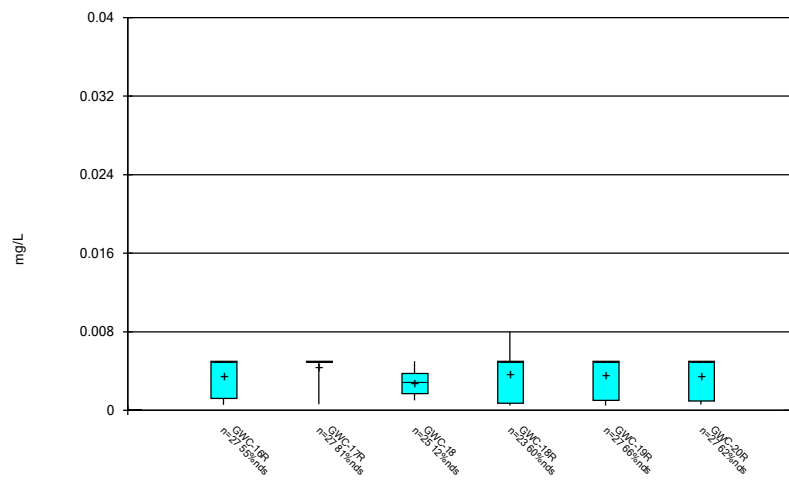
Constituent: Chromium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



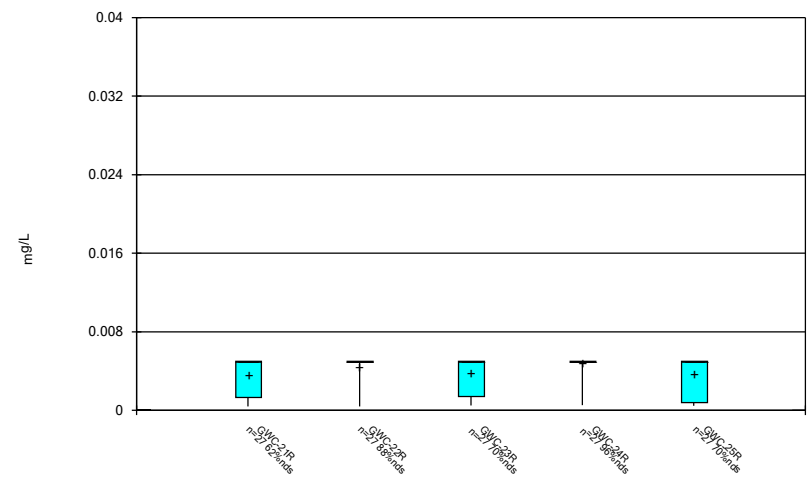
Constituent: Chromium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



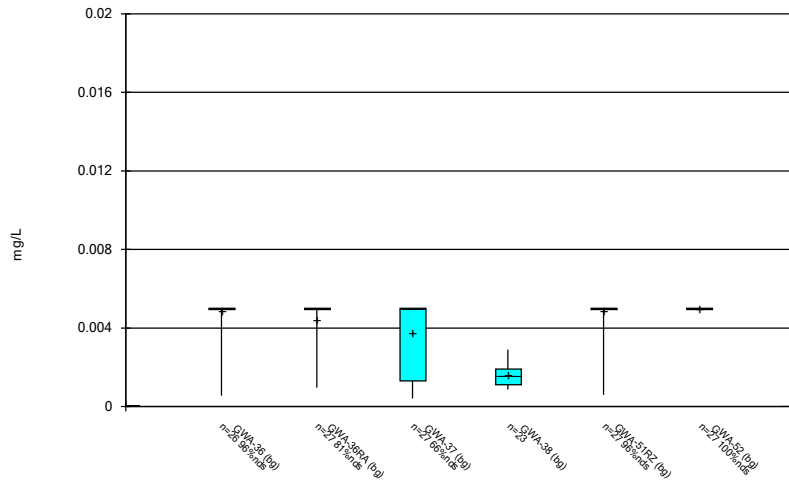
Constituent: Chromium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



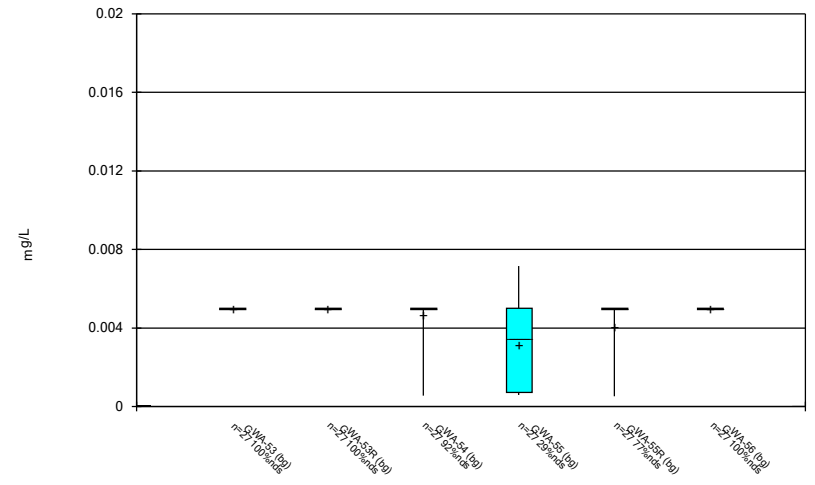
Constituent: Chromium Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



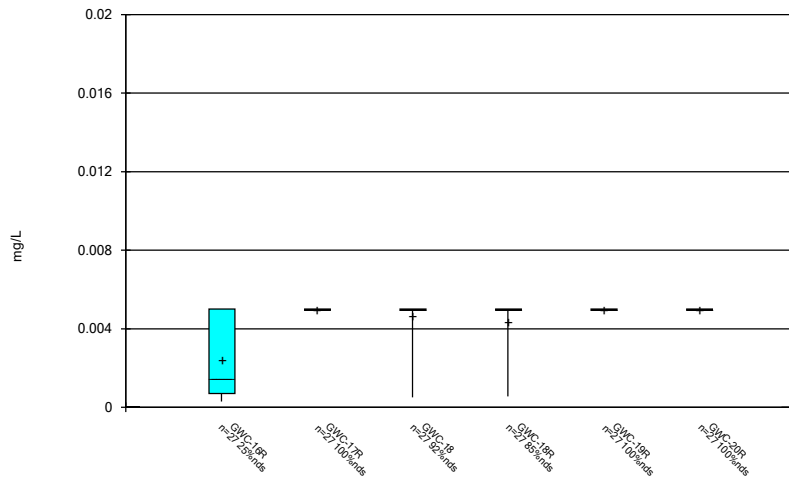
Constituent: Cobalt Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



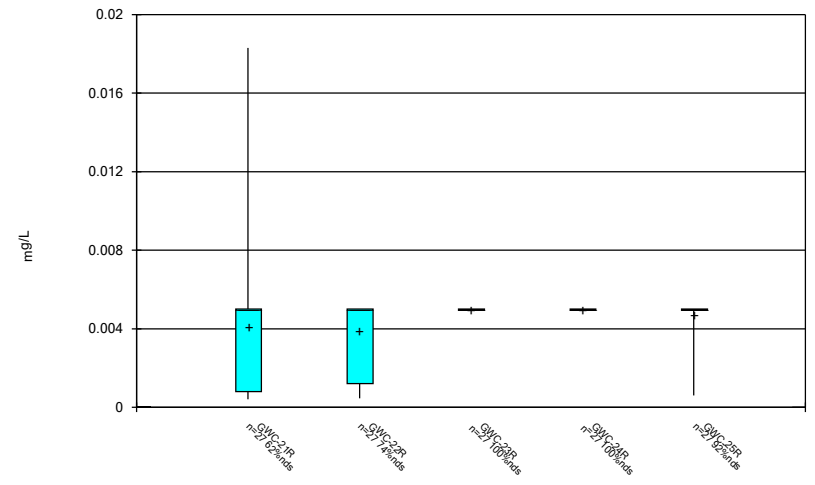
Constituent: Cobalt Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



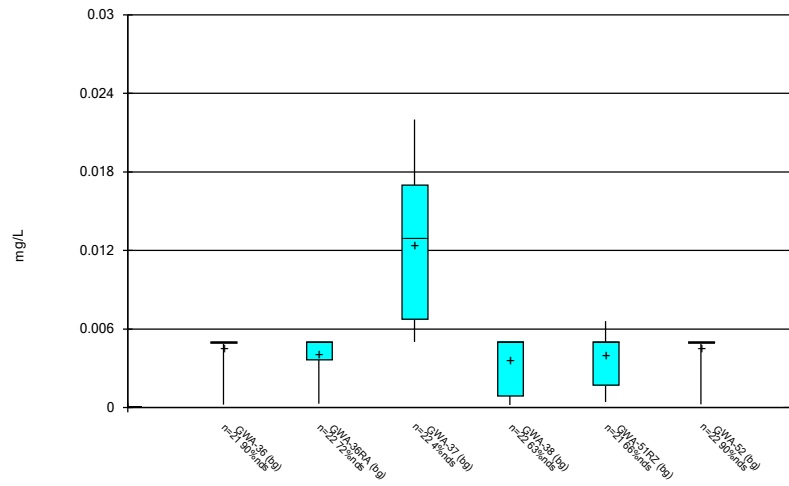
Constituent: Cobalt Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



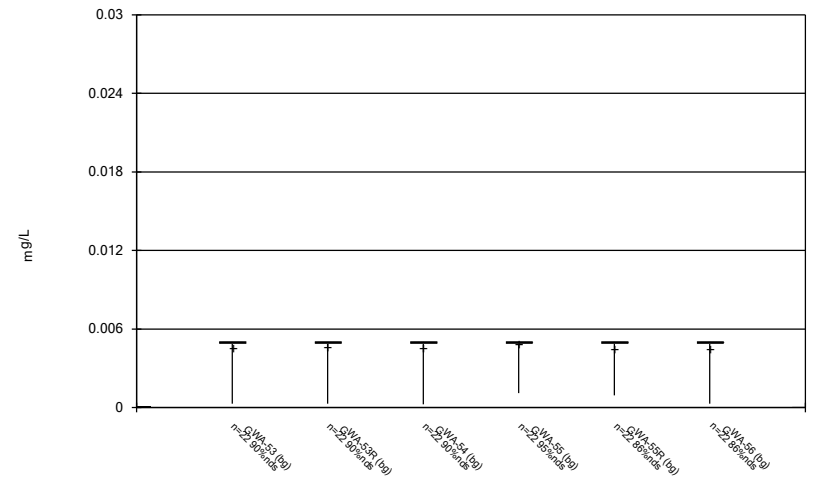
Constituent: Cobalt Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



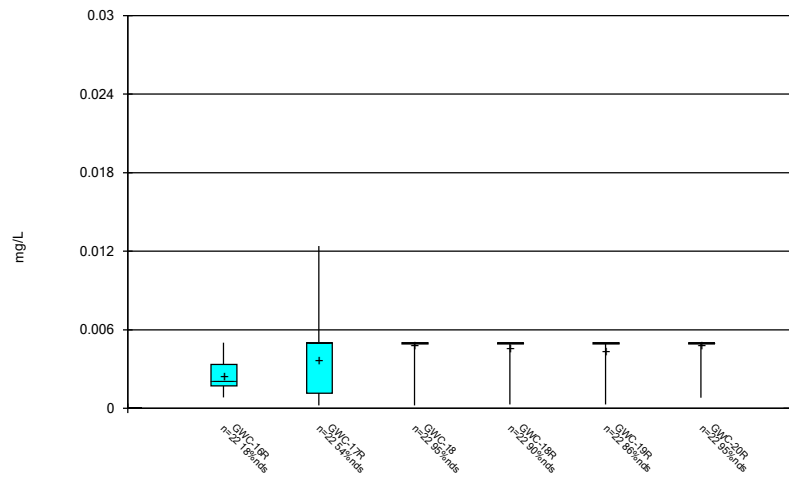
Constituent: Copper Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



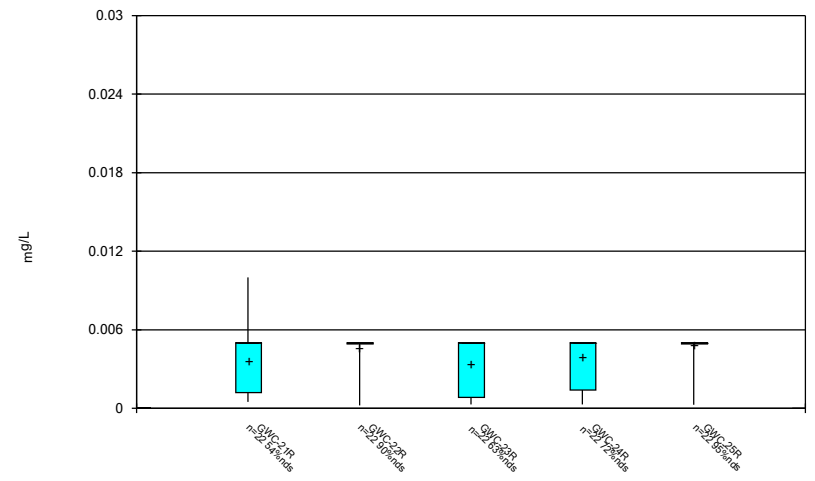
Constituent: Copper Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



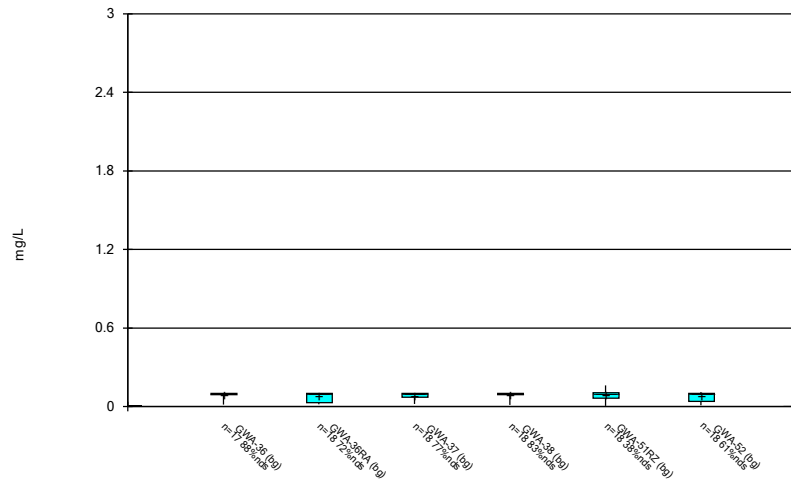
Constituent: Copper Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



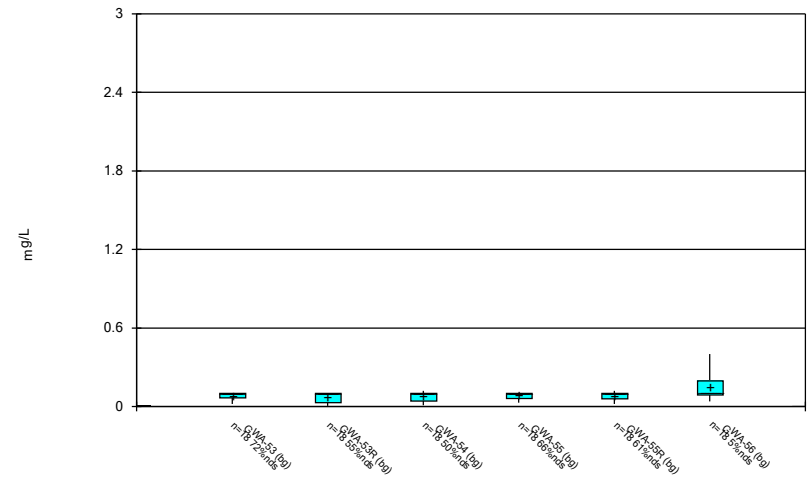
Constituent: Copper Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



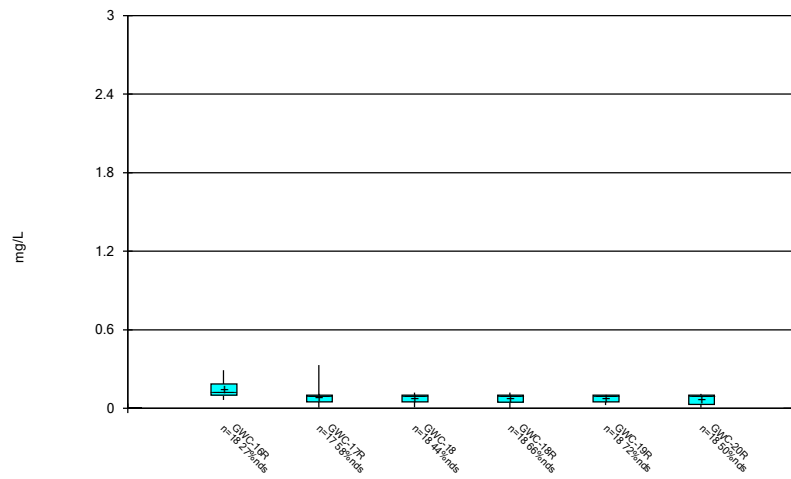
Constituent: Fluoride Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



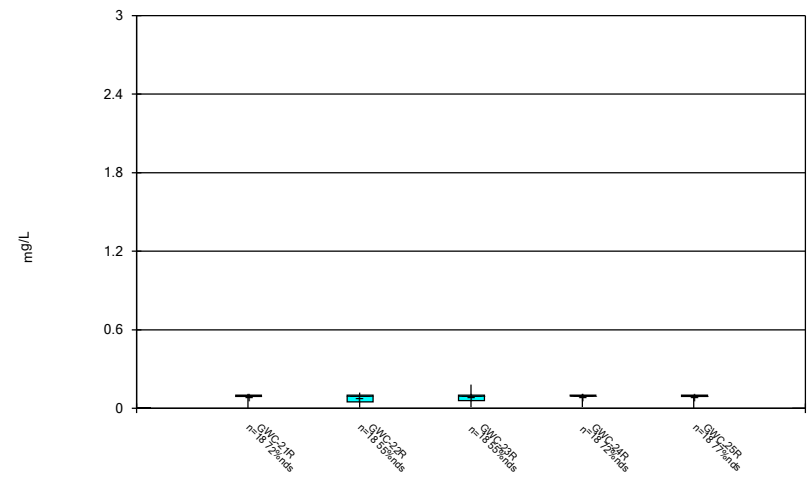
Constituent: Fluoride Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



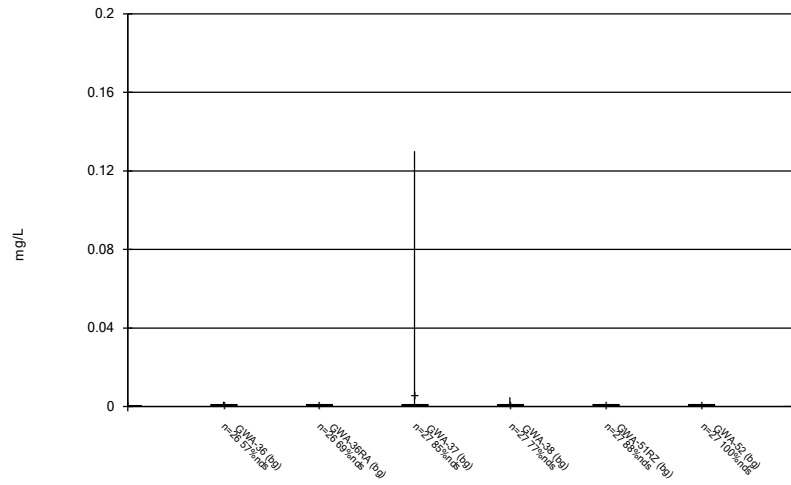
Constituent: Fluoride Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



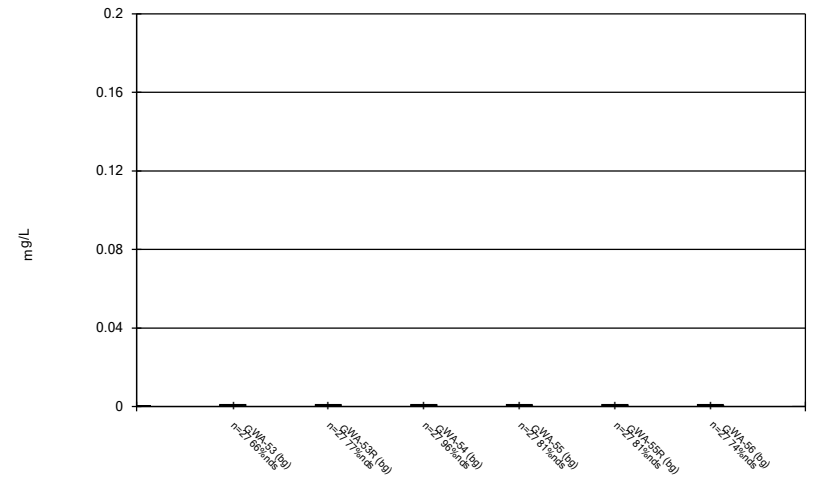
Constituent: Fluoride Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



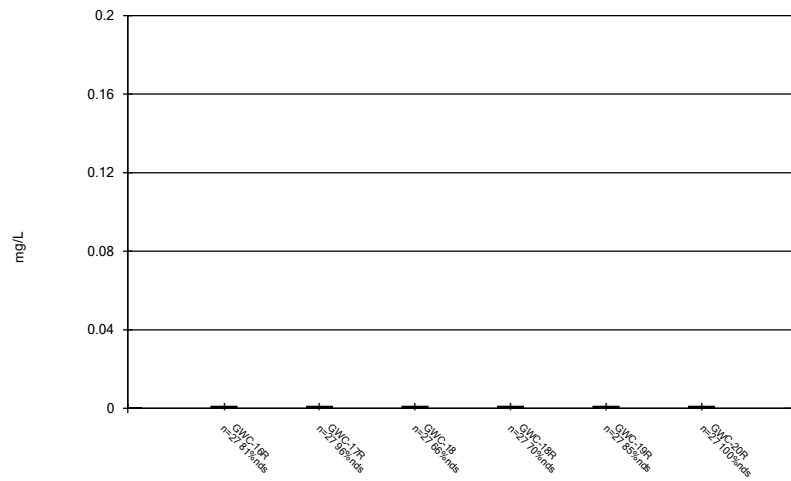
Constituent: Lead Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



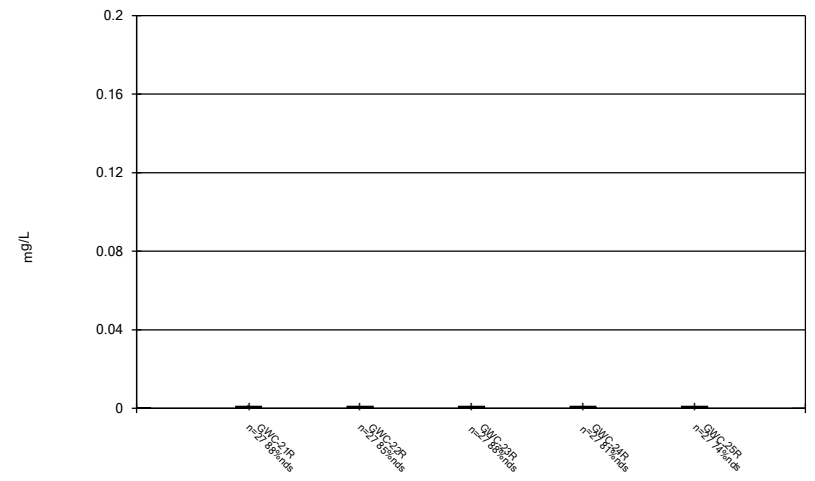
Constituent: Lead Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



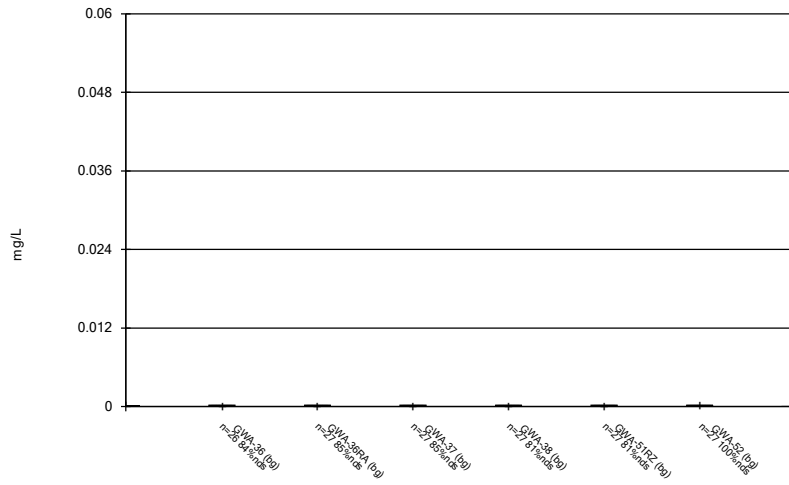
Constituent: Lead Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



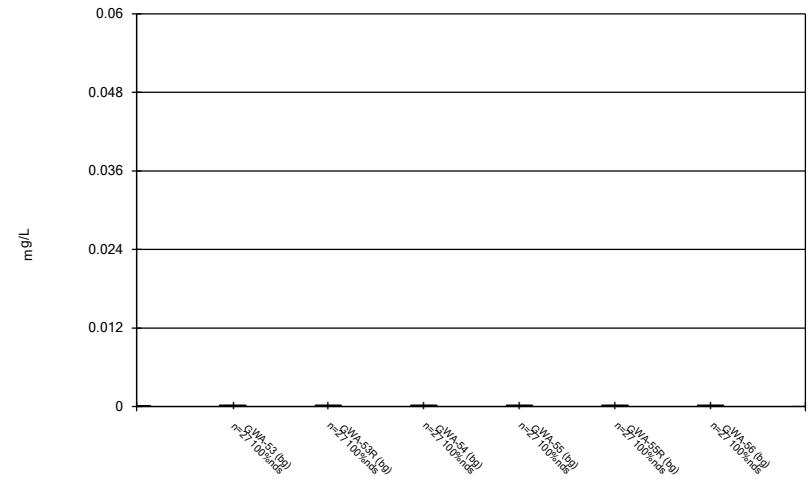
Constituent: Lead Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



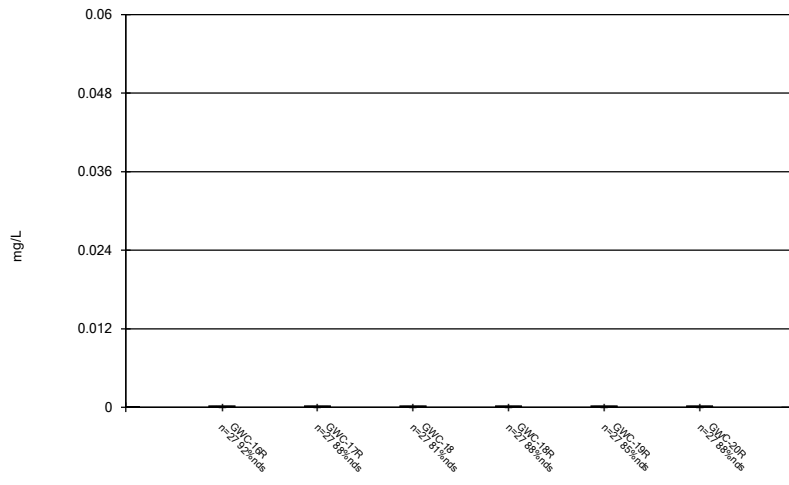
Constituent: Mercury Analysis Run 3/31/2022 12:56 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



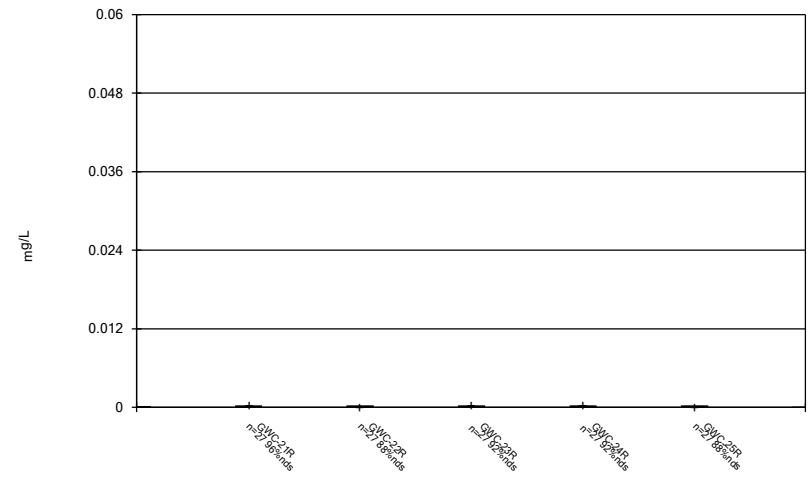
Constituent: Mercury Analysis Run 3/31/2022 12:56 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



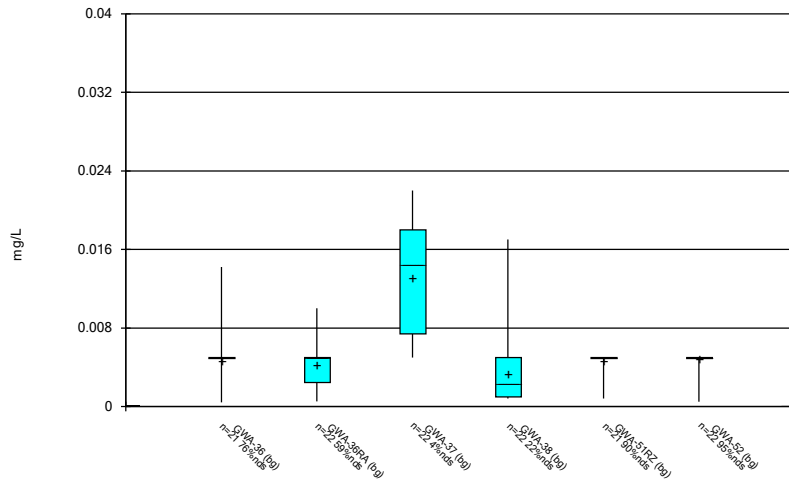
Constituent: Mercury Analysis Run 3/31/2022 12:56 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



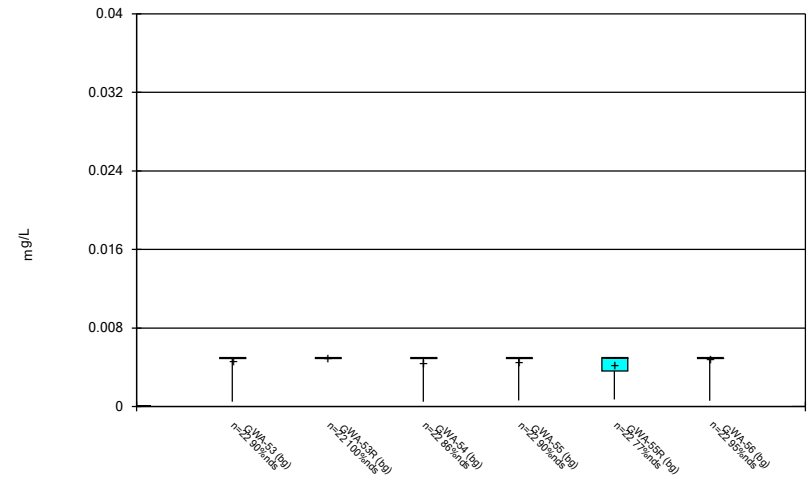
Constituent: Mercury Analysis Run 3/31/2022 12:56 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



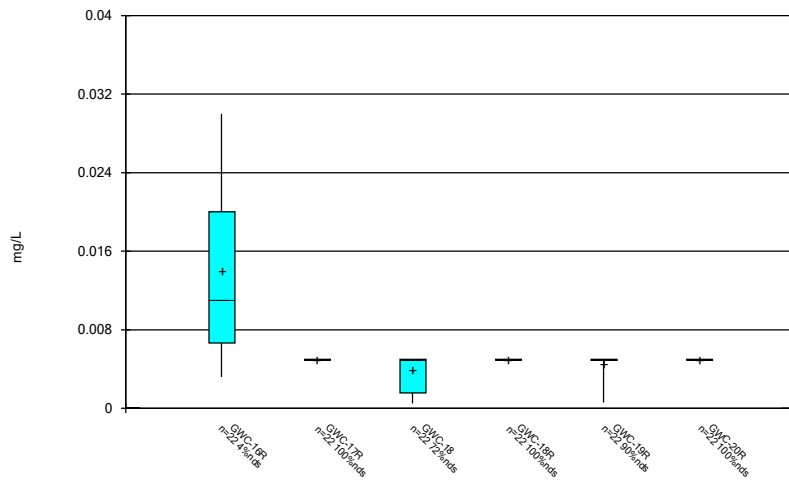
Constituent: Nickel Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



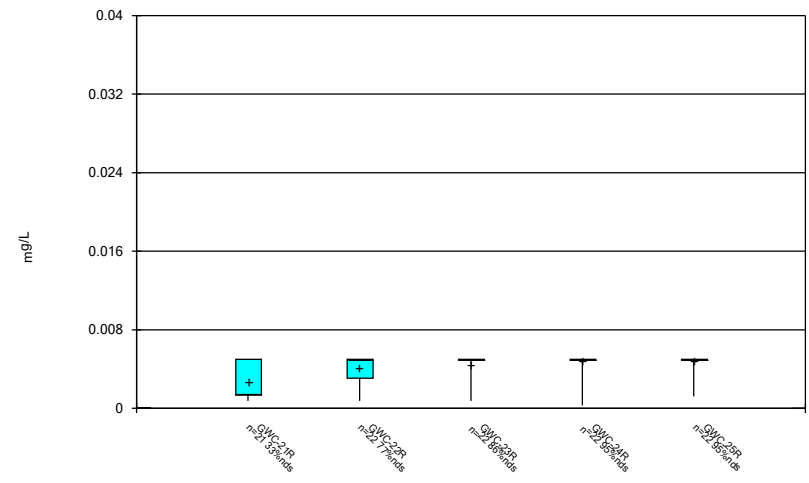
Constituent: Nickel Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



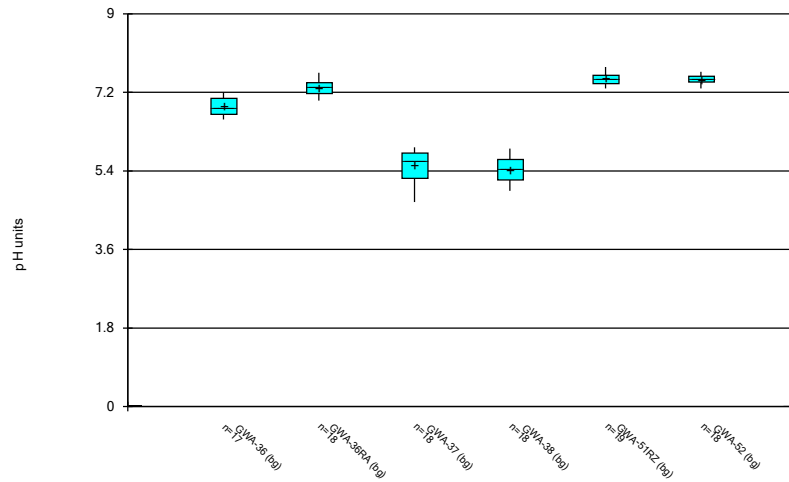
Constituent: Nickel Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



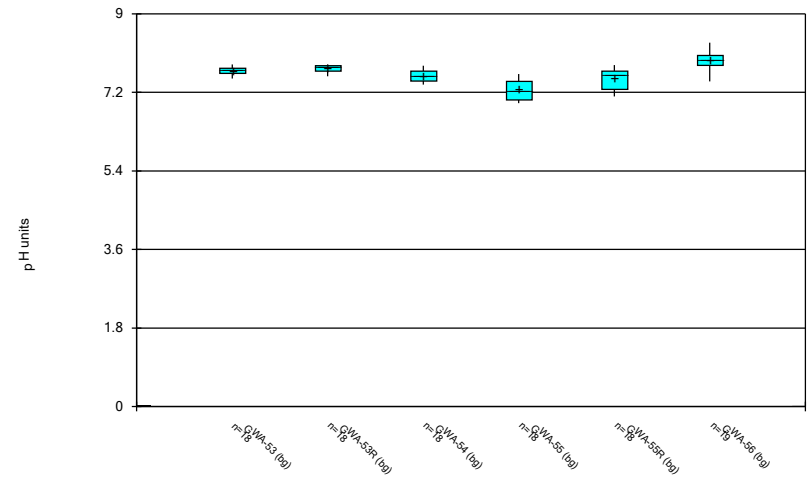
Constituent: Nickel Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



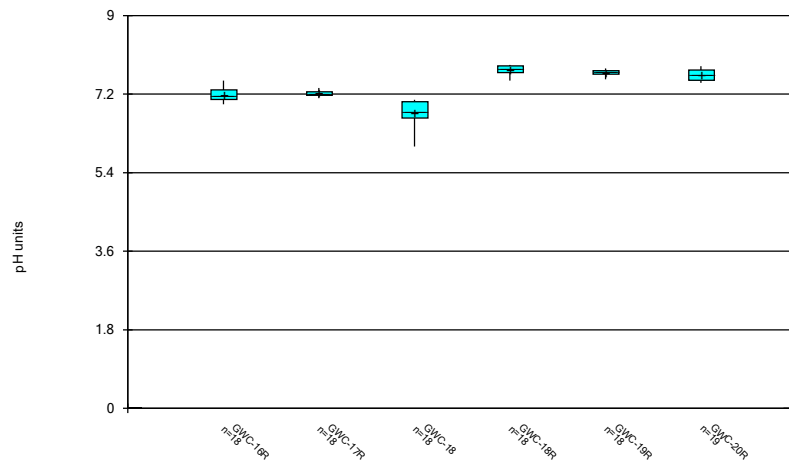
Constituent: pH Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



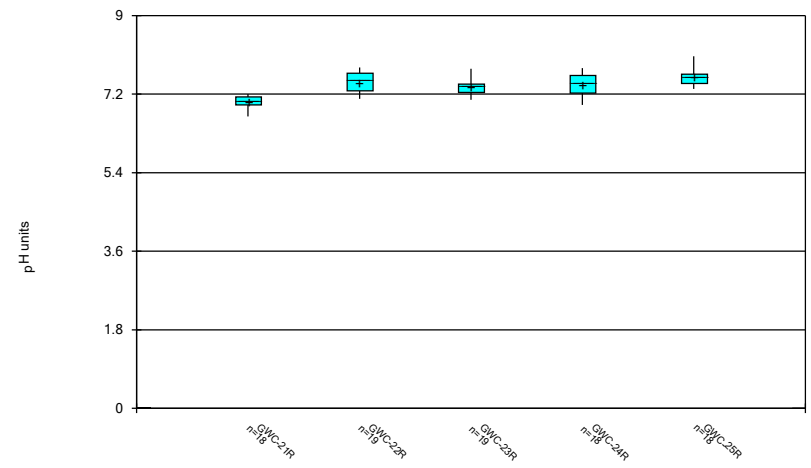
Constituent: pH Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



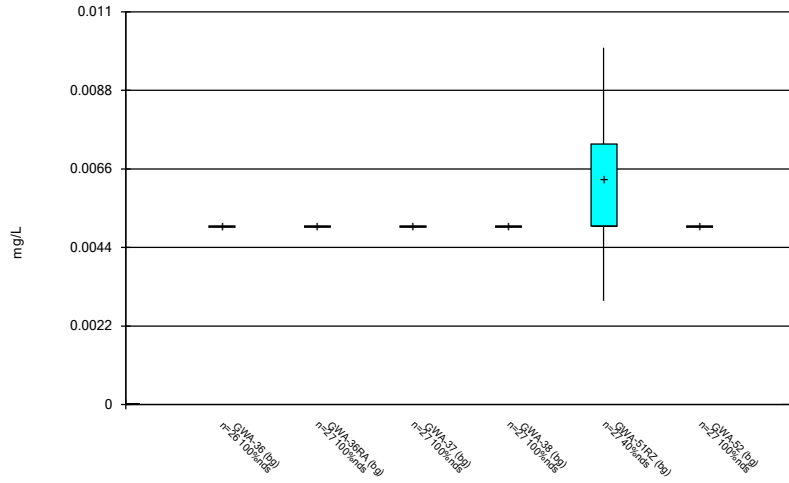
Constituent: pH Analysis Run 3/31/2022 12:56 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



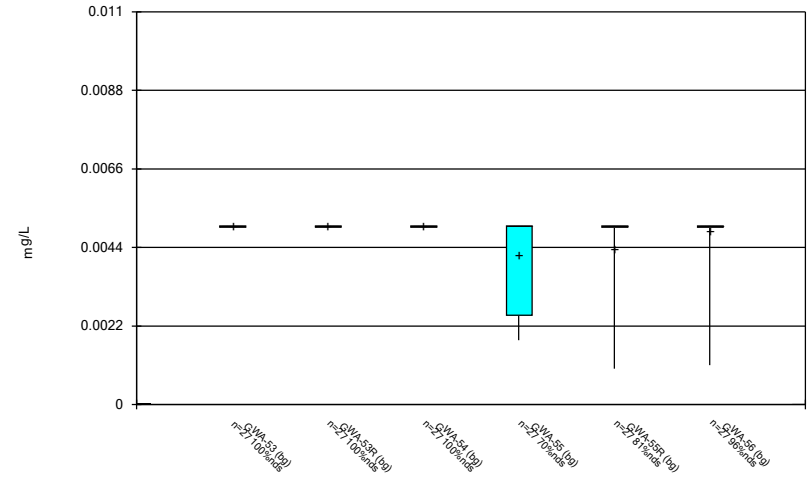
Constituent: pH Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



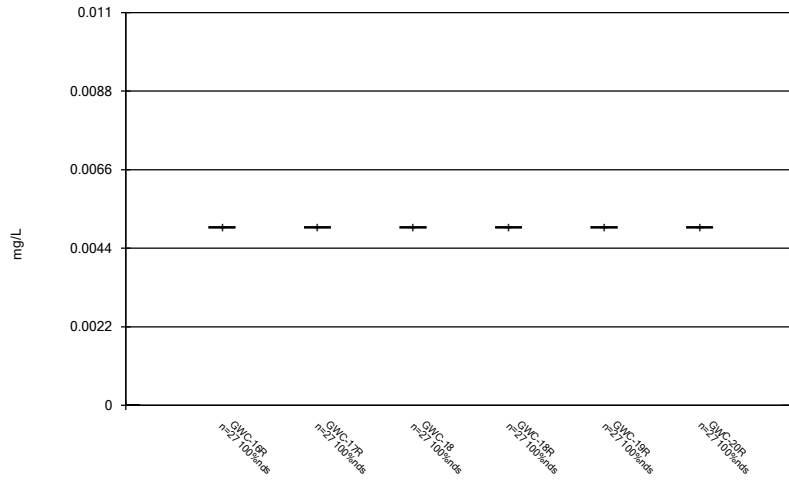
Constituent: Selenium Analysis Run 3/31/2022 12:57 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



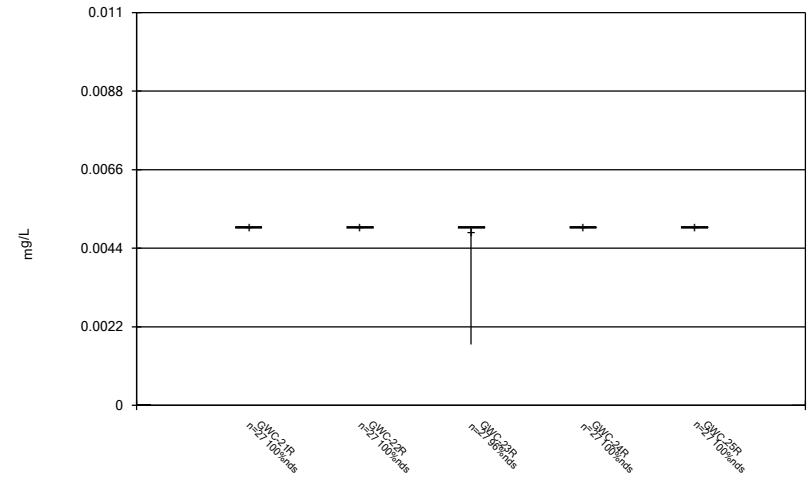
Constituent: Selenium Analysis Run 3/31/2022 12:57 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



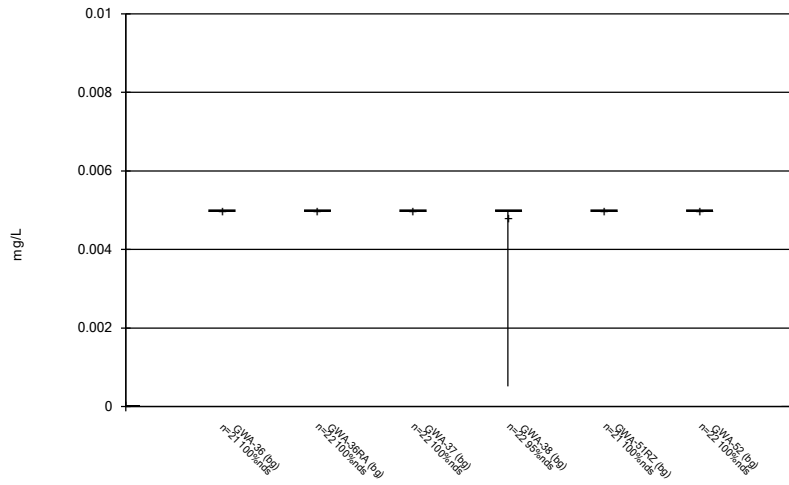
Constituent: Selenium Analysis Run 3/31/2022 12:57 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



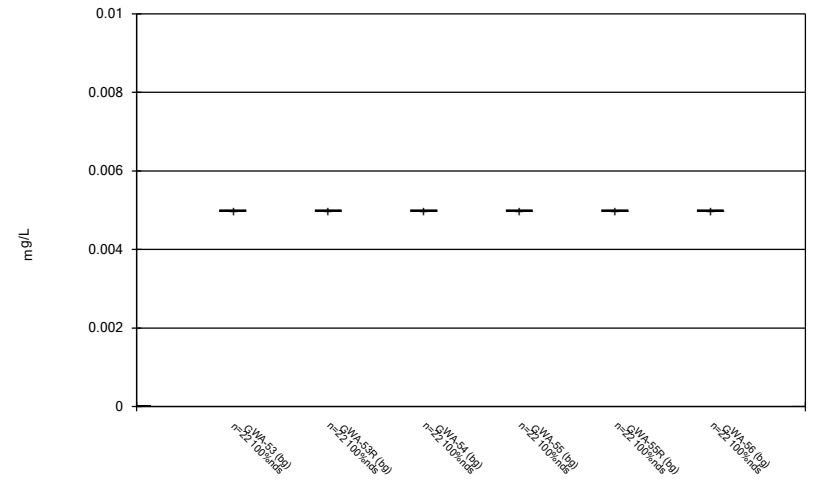
Constituent: Selenium Analysis Run 3/31/2022 12:57 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



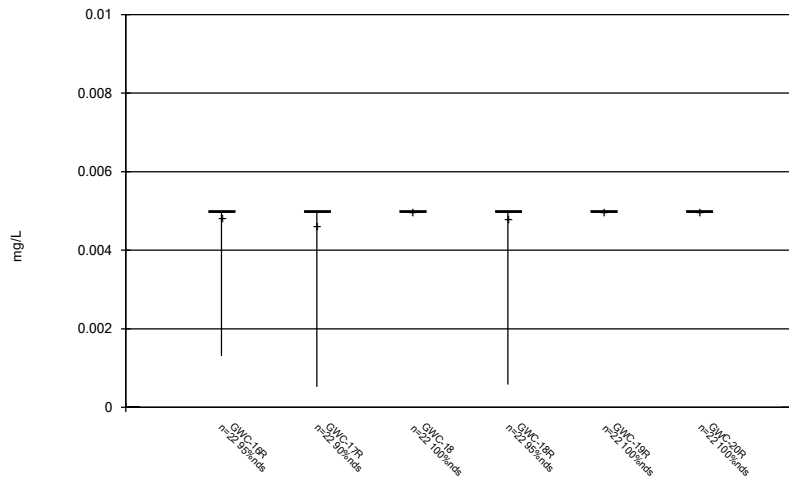
Constituent: Silver Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



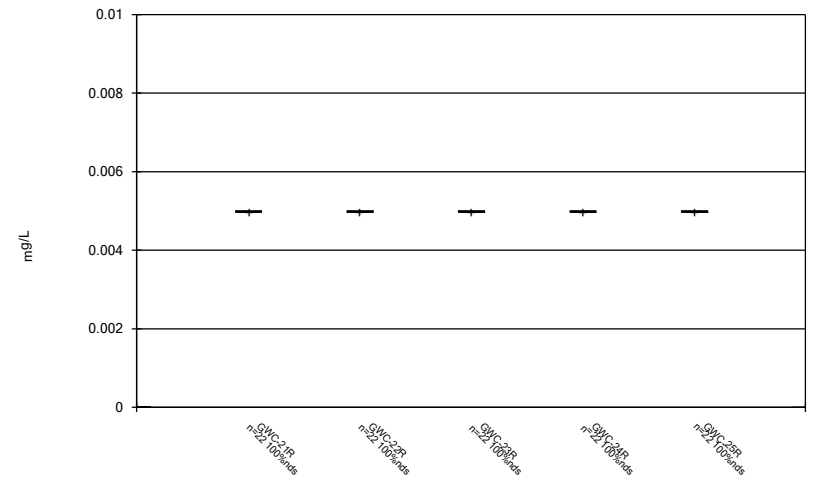
Constituent: Silver Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



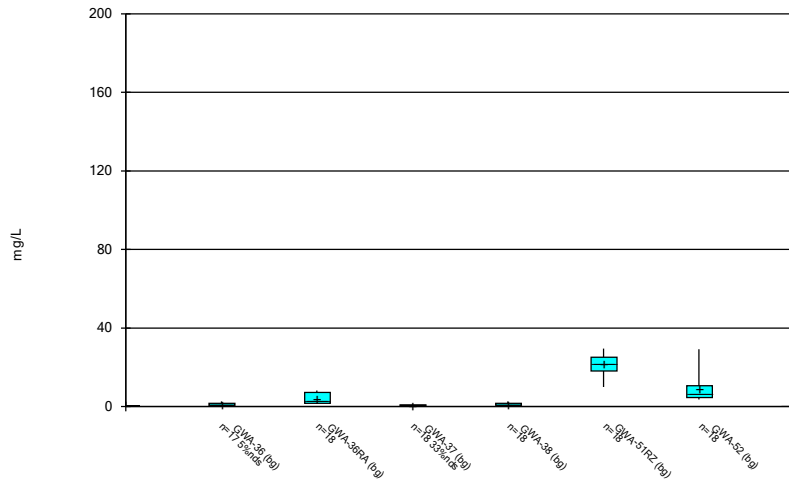
Constituent: Silver Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



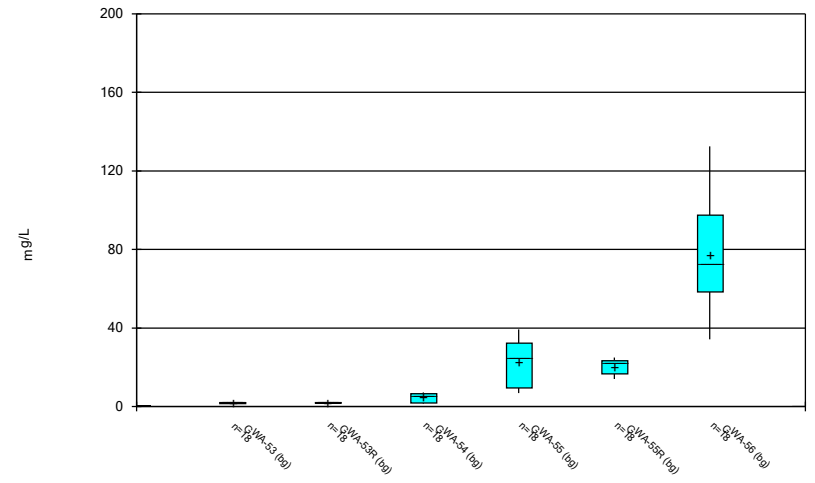
Constituent: Silver Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



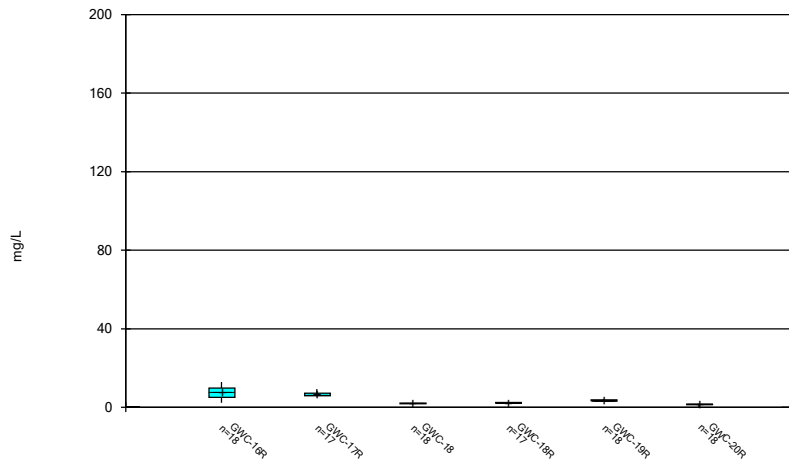
Constituent: Sulfate Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



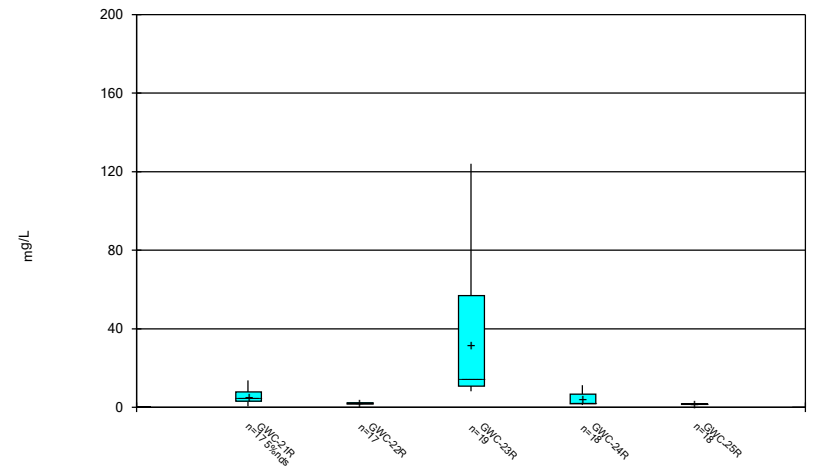
Constituent: Sulfate Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



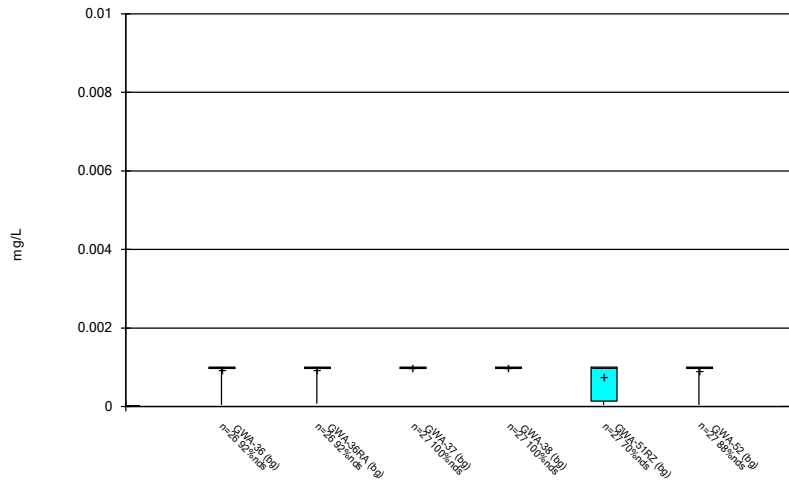
Constituent: Sulfate Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



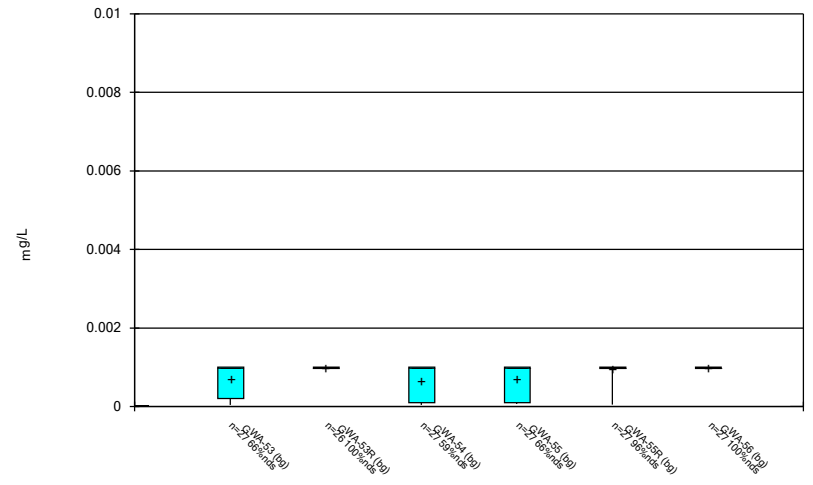
Constituent: Sulfate Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



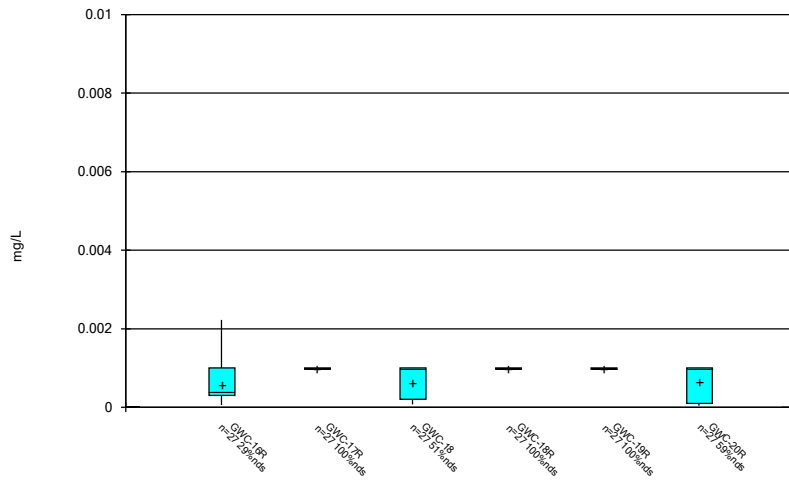
Constituent: Thallium Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



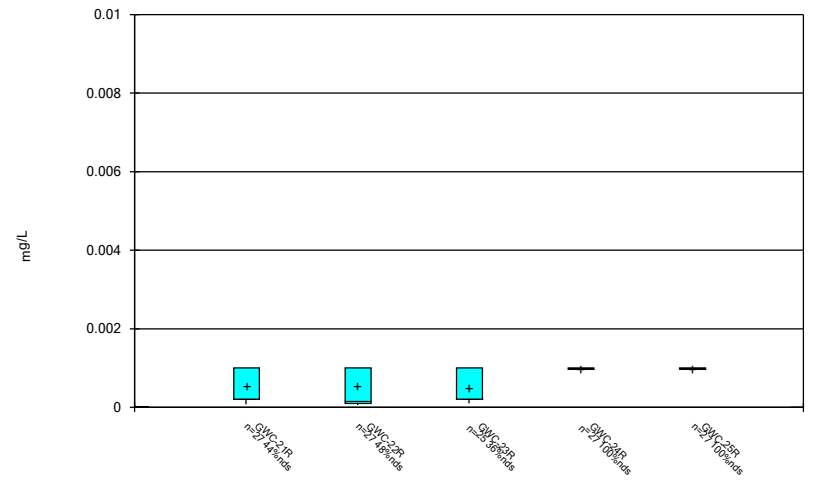
Constituent: Thallium Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



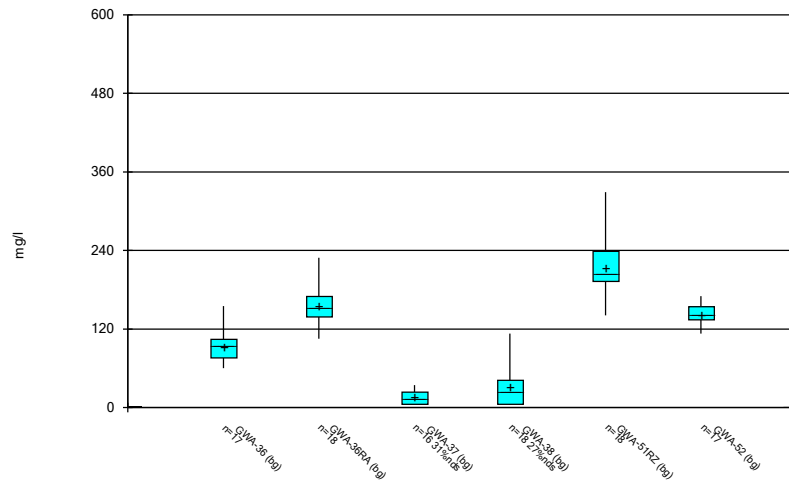
Constituent: Thallium Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



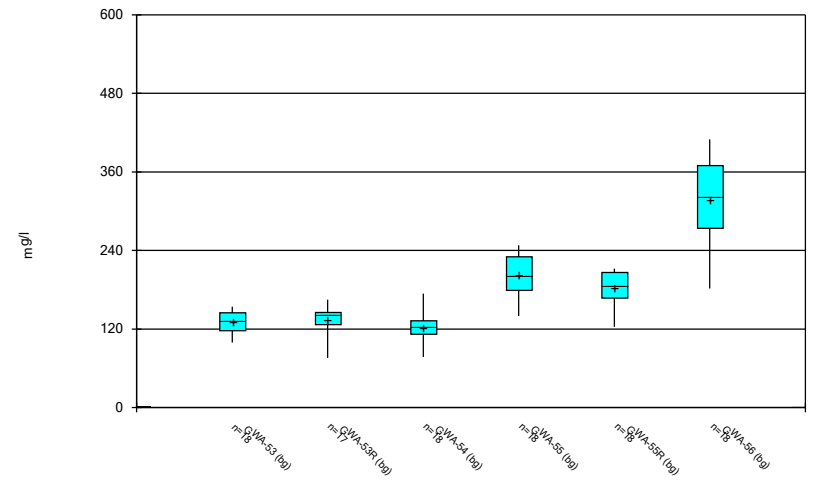
Constituent: Thallium Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



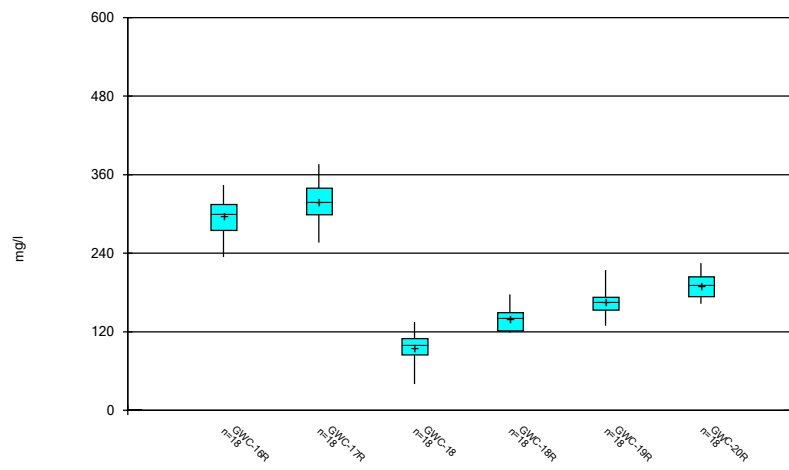
Constituent: Total Dissolved Solids Analysis Run 3/31/2022 12:57 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



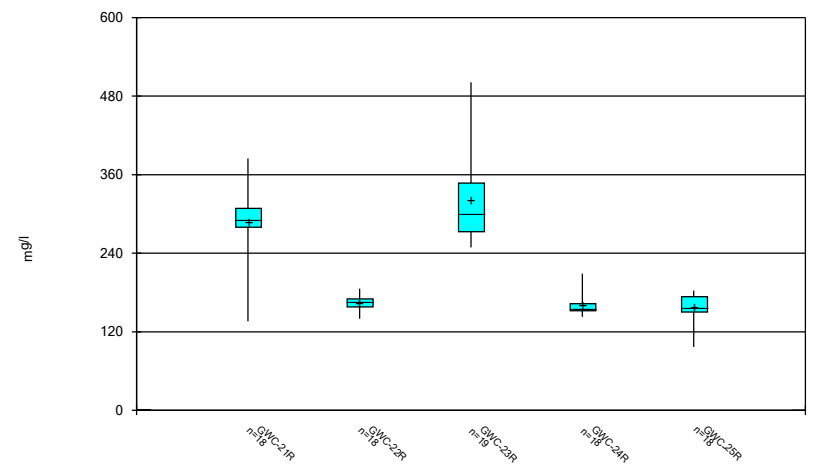
Constituent: Total Dissolved Solids Analysis Run 3/31/2022 12:57 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



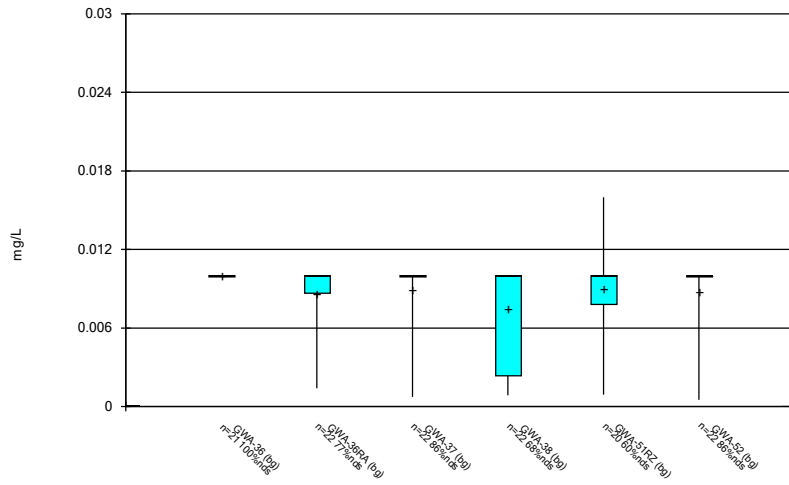
Constituent: Total Dissolved Solids Analysis Run 3/31/2022 12:57 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



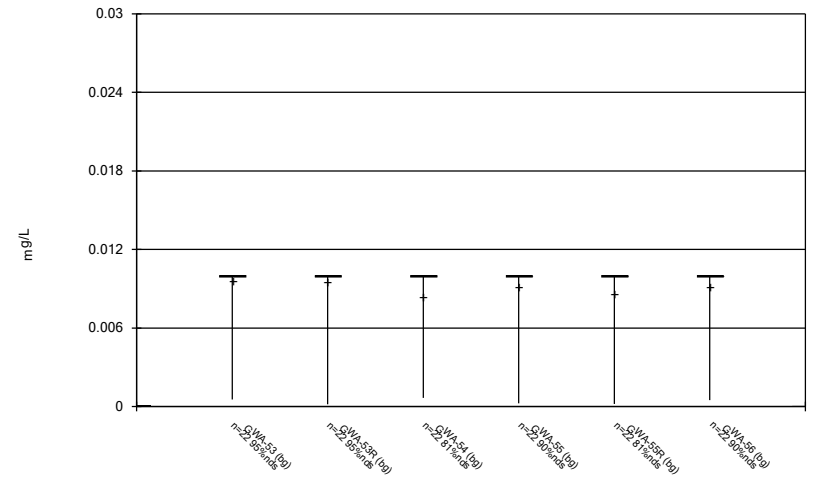
Constituent: Total Dissolved Solids Analysis Run 3/31/2022 12:57 AM View: Descriptive
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



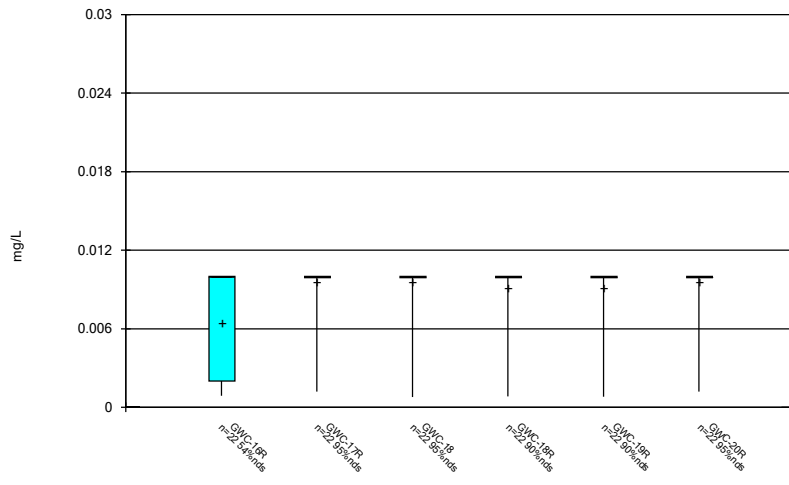
Constituent: Vanadium Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



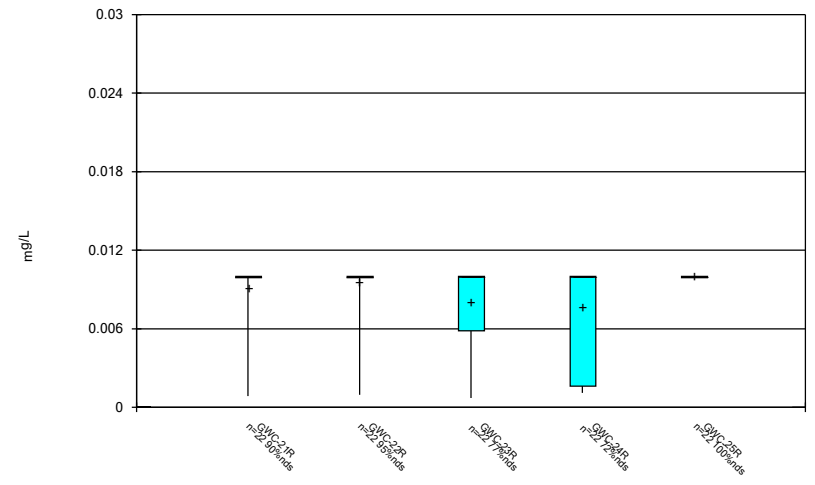
Constituent: Vanadium Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



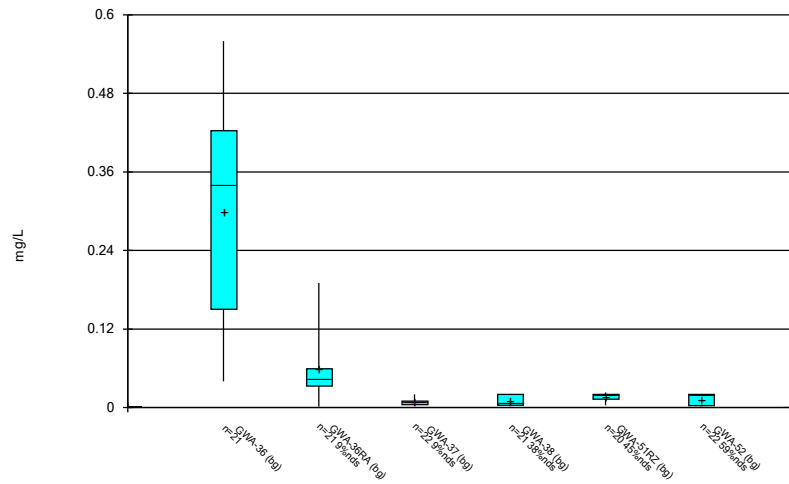
Constituent: Vanadium Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



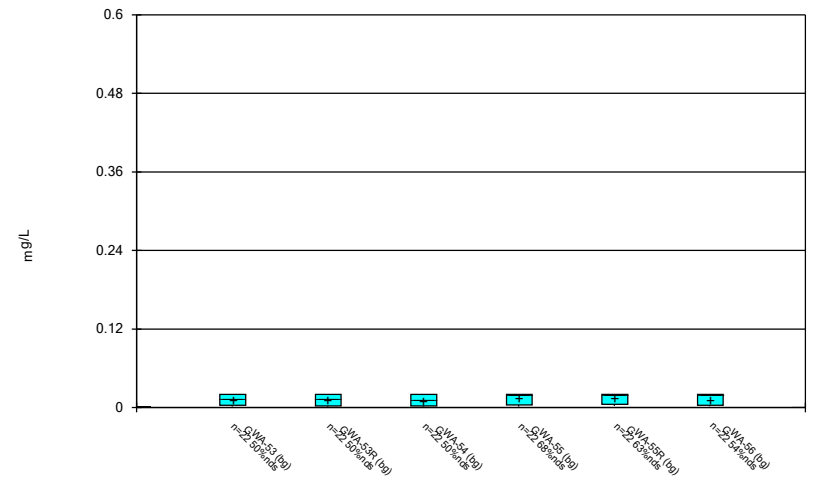
Constituent: Vanadium Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



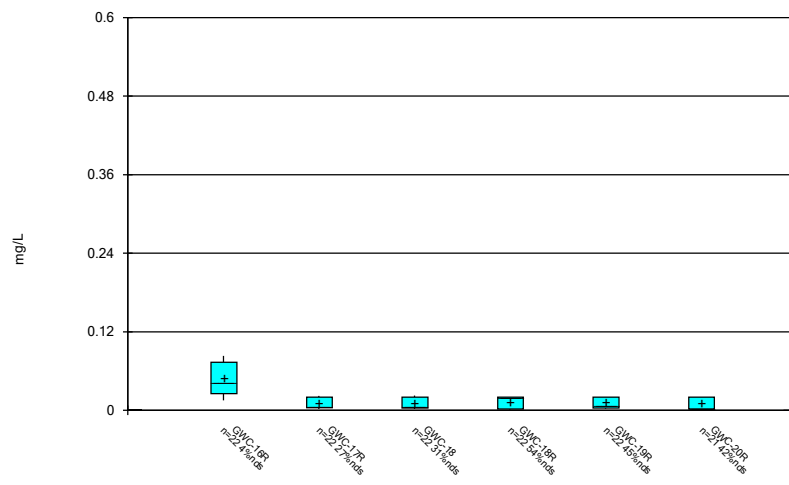
Constituent: Zinc Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



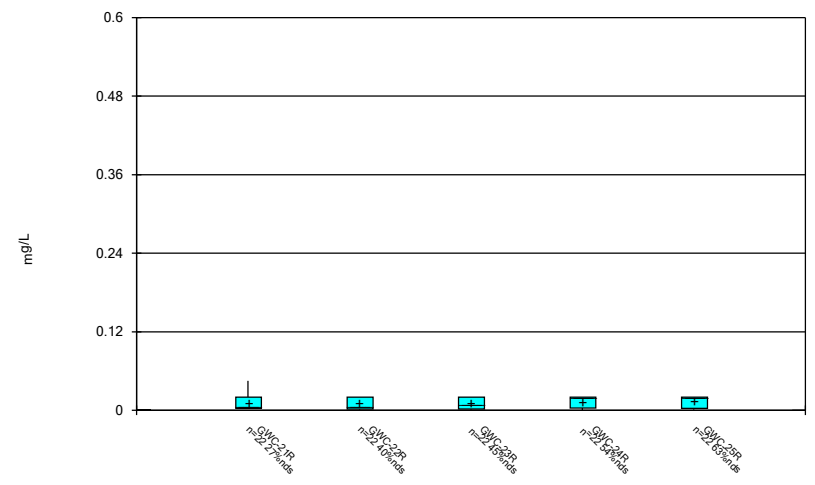
Constituent: Zinc Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 3/31/2022 12:57 AM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

FIGURE C.

Tukey's Outlier Test All Wells - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWC-25R	Yes 0.0226,0.0004	NP	26	0.003273	0.00404	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-38 (bg)	Yes 0.03	NP	26	0.01328	0.003827	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-54 (bg)	Yes 0.01	NP	26	0.03288	0.009649	sqrt(x)	ShapiroWilk
Barium (mg/L)	GWC-17R	Yes 0.0262	NP	26	0.01983	0.001539	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-18	Yes 1.5	NP	26	0.08384	0.289	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-18R	Yes 0.00065,0.027,0.028,0.034	NP	26	0.01556	0.006009	normal	ShapiroWilk
Barium (mg/L)	GWC-19R	Yes 1.5	NP	26	0.07302	0.2911	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-55 (bg)	Yes 6.7,6.9	NP	17	3.534	1.263	ln(x)	ShapiroWilk
Copper (mg/L)	GWA-36RA (bg)	Yes 0.0003,0.00043	NP	21	0.004081	0.00172	sqrt(x)	ShapiroWilk
Copper (mg/L)	GWC-16R	Yes 0.025,0.025,0.025,0.025	NP	21	0.006414	0.009261	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-55R (bg)	Yes 0.0007	NP	21	0.004181	0.001521	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	GWC-17R	Yes 25.9	NP	17	7.729	4.772	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-21R	Yes 136,385	NP	17	288.1	49.76	x^2	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-24R	Yes 209,205	NP	17	160.7	18.35	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-36RA (bg)	Yes 0.0045,0.0014,0.0029,0.0031	NP	21	0.008533	0.002867	normal	ShapiroWilk
Vanadium (mg/L)	GWA-51RZ (bg)	Yes 0.0279,0.00091	NP	20	0.009825	0.005582	sqrt(x)	ShapiroWilk
Zinc (mg/L)	GWA-36RA (bg)	Yes 0.44	NP	21	0.07925	0.0956	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWA-51RZ (bg)	Yes 0.12	NP	20	0.02098	0.02412	ln(x)	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-36 (bg)	n/a n/a	NP	26	0.002662	0.0008357	unknown	ShapiroWilk
Antimony (mg/L)	GWA-36RA (bg)	n/a n/a	NP	26	0.00292	0.0004079	unknown	ShapiroWilk
Antimony (mg/L)	GWA-37 (bg)	No n/a	NP	26	0.00332	0.001497	ln(x)	ShapiroWilk
Antimony (mg/L)	GWA-38 (bg)	n/a n/a	NP	26	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWA-51RZ (bg)	No n/a	NP	26	0.002362	0.001154	normal	ShapiroWilk
Antimony (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.002992	0.00003922	unknown	ShapiroWilk
Antimony (mg/L)	GWA-53 (bg)	No n/a	NP	26	0.002396	0.0009678	sqrt(x)	ShapiroWilk
Antimony (mg/L)	GWA-53R (bg)	No n/a	NP	26	0.002203	0.00105	sqrt(x)	ShapiroWilk
Antimony (mg/L)	GWA-54 (bg)	n/a n/a	NP	26	0.002725	0.0006764	unknown	ShapiroWilk
Antimony (mg/L)	GWA-55 (bg)	n/a n/a	NP	26	0.002818	0.0006443	unknown	ShapiroWilk
Antimony (mg/L)	GWA-55R (bg)	n/a n/a	NP	26	0.002735	0.0006811	unknown	ShapiroWilk
Antimony (mg/L)	GWA-56 (bg)	n/a n/a	NP	26	0.002931	0.000353	unknown	ShapiroWilk
Antimony (mg/L)	GWC-16R	No n/a	NP	26	0.01001	0.005431	sqrt(x)	ShapiroWilk
Antimony (mg/L)	GWC-17R	n/a n/a	NP	26	0.00284	0.0005706	unknown	ShapiroWilk
Antimony (mg/L)	GWC-18	n/a n/a	NP	26	0.002903	0.0004923	unknown	ShapiroWilk
Antimony (mg/L)	GWC-18R	No n/a	NP	26	0.00234	0.001068	ln(x)	ShapiroWilk
Antimony (mg/L)	GWC-19R	n/a n/a	NP	26	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-20R	n/a n/a	NP	26	0.002952	0.0002442	unknown	ShapiroWilk
Antimony (mg/L)	GWC-21R	No n/a	NP	26	0.004755	0.001788	sqrt(x)	ShapiroWilk
Antimony (mg/L)	GWC-22R	n/a n/a	NP	26	0.003	0	unknown	ShapiroWilk
Antimony (mg/L)	GWC-23R	n/a n/a	NP	26	0.002683	0.0008143	unknown	ShapiroWilk
Antimony (mg/L)	GWC-24R	No n/a	NP	26	0.003691	0.005183	ln(x)	ShapiroWilk
Antimony (mg/L)	GWC-25R	Yes 0.0226,0.0004	NP	26	0.003273	0.00404	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWA-36 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-36RA (bg)	n/a n/a	NP	26	0.004512	0.001261	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-37 (bg)	n/a n/a	NP	26	0.004655	0.001219	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-38 (bg)	n/a n/a	NP	26	0.004543	0.001458	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-51RZ (bg)	No n/a	NP	26	0.004202	0.003199	x^(1/3)	ShapiroWilk
Arsenic (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.004532	0.001331	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-53 (bg)	No n/a	NP	26	0.00407	0.001801	x^2	ShapiroWilk
Arsenic (mg/L)	GWA-53R (bg)	n/a n/a	NP	26	0.004261	0.001646	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-54 (bg)	n/a n/a	NP	26	0.004177	0.001727	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-55 (bg)	n/a n/a	NP	26	0.004225	0.001662	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-55R (bg)	No n/a	NP	26	0.00407	0.001653	normal	ShapiroWilk
Arsenic (mg/L)	GWA-56 (bg)	No n/a	NP	26	0.003674	0.001938	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-16R	No n/a	NP	26	0.006636	0.01684	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-17R	n/a n/a	NP	26	0.004535	0.00135	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-18	n/a n/a	NP	26	0.004554	0.001263	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-18R	n/a n/a	NP	26	0.004369	0.001531	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-19R	n/a n/a	NP	26	0.004346	0.001564	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-20R	n/a n/a	NP	26	0.00426	0.001592	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-21R	No n/a	NP	26	0.004433	0.002587	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-22R	No n/a	NP	26	0.003783	0.001679	x^(1/3)	ShapiroWilk
Arsenic (mg/L)	GWC-23R	n/a n/a	NP	26	0.004559	0.001388	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-24R	No n/a	NP	26	0.004031	0.001679	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-25R	n/a n/a	NP	26	0.004432	0.001459	unknown	ShapiroWilk
Barium (mg/L)	GWA-36 (bg)	No n/a	NP	26	0.01156	0.004537	normal	ShapiroWilk
Barium (mg/L)	GWA-36RA (bg)	No n/a	NP	26	0.0232	0.00611	x^(1/3)	ShapiroWilk
Barium (mg/L)	GWA-37 (bg)	No n/a	NP	26	0.007654	0.002436	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-38 (bg)	Yes 0.03	NP	26	0.01328	0.003827	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-51RZ (bg)	No n/a	NP	26	0.01562	0.006685	normal	ShapiroWilk
Barium (mg/L)	GWA-52 (bg)	No n/a	NP	26	0.02661	0.007708	sqrt(x)	ShapiroWilk
Barium (mg/L)	GWA-53 (bg)	No n/a	NP	26	0.01815	0.009129	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-53R (bg)	No n/a	NP	26	0.01446	0.000809	x^2	ShapiroWilk
Barium (mg/L)	GWA-54 (bg)	Yes 0.01	NP	26	0.03288	0.009649	sqrt(x)	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	GWA-55 (bg)	No n/a	NP	26	0.02376	0.004961	x^2	ShapiroWilk
Barium (mg/L)	GWA-55R (bg)	No n/a	NP	26	0.04659	0.01509	normal	ShapiroWilk
Barium (mg/L)	GWA-56 (bg)	No n/a	NP	26	0.026	0.007497	normal	ShapiroWilk
Barium (mg/L)	GWC-16R	No n/a	NP	26	0.04775	0.01076	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-17R	Yes 0.0262	NP	26	0.01983	0.001539	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-18	Yes 1.5	NP	26	0.08384	0.289	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-18R	Yes 0.00065,0.027,0.028,0.034	NP	26	0.01556	0.006009	normal	ShapiroWilk
Barium (mg/L)	GWC-19R	Yes 1.5	NP	26	0.07302	0.2911	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-20R	No n/a	NP	26	0.02974	0.002305	x^2	ShapiroWilk
Barium (mg/L)	GWC-21R	No n/a	NP	26	0.02498	0.006248	sqrt(x)	ShapiroWilk
Barium (mg/L)	GWC-22R	No n/a	NP	26	0.03979	0.01195	x^2	ShapiroWilk
Barium (mg/L)	GWC-23R	No n/a	NP	26	0.0263	0.005901	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-24R	No n/a	NP	26	0.02333	0.005496	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-25R	No n/a	NP	26	0.01571	0.0008081	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWA-36 (bg)	No n/a	NP	26	0.0009305	0.001282	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWA-36RA (bg)	No n/a	NP	26	0.001583	0.001392	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWA-37 (bg)	n/a n/a	NP	26	0.000484	0.00008178	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-38 (bg)	No n/a	NP	26	0.0004153	0.0001644	x^2	ShapiroWilk
Beryllium (mg/L)	GWA-51RZ (bg)	n/a n/a	NP	26	0.0004892	0.00005491	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.0004845	0.00007903	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-53 (bg)	n/a n/a	NP	26	0.002548	0.001081	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-53R (bg)	n/a n/a	NP	26	0.0004862	0.0000706	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-54 (bg)	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-55 (bg)	n/a n/a	NP	26	0.0004854	0.00007452	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-55R (bg)	n/a n/a	NP	26	0.0004654	0.0001002	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-56 (bg)	n/a n/a	NP	26	0.0004846	0.00007845	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-16R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-17R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-18	n/a n/a	NP	26	0.000468	0.0001131	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-18R	No n/a	NP	26	0.002341	0.001227	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWC-19R	n/a n/a	NP	26	0.0004382	0.000148	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-20R	n/a n/a	NP	26	0.000484	0.00008178	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-21R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-22R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-23R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-24R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-25R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-36 (bg)	No n/a	NP	26	0.000916	0.0002961	normal	ShapiroWilk
Cadmium (mg/L)	GWA-36RA (bg)	No n/a	NP	26	0.0004743	0.0003964	ln(x)	ShapiroWilk
Cadmium (mg/L)	GWA-37 (bg)	n/a n/a	NP	26	0.0004502	0.0001231	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-38 (bg)	No n/a	NP	26	0.0004177	0.0001599	x^3	ShapiroWilk
Cadmium (mg/L)	GWA-51RZ (bg)	n/a n/a	NP	26	0.0004938	0.00004272	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-53 (bg)	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-53R (bg)	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-54 (bg)	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-55 (bg)	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-55R (bg)	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-56 (bg)	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-16R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-17R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-18	n/a n/a	NP	26	0.0004838	0.00008237	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-18R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-19R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-20R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Cadmium (mg/L)	GWC-21R	n/a n/a	NP	26	0.0004888	0.00005687	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-22R	n/a n/a	NP	26	0.0004838	0.00008237	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-23R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-24R	n/a n/a	NP	26	0.0005	0	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-25R	n/a n/a	NP	26	0.0004846	0.00007845	unknown	ShapiroWilk
Chloride (mg/L)	GWA-36 (bg)	No n/a	NP	17	2.143	0.2134	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-36RA (bg)	No n/a	NP	17	2.93	0.2972	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-37 (bg)	No n/a	NP	17	0.977	0.1882	x^2	ShapiroWilk
Chloride (mg/L)	GWA-38 (bg)	No n/a	NP	17	2.585	0.34	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-51RZ (bg)	No n/a	NP	17	3.061	0.3958	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-52 (bg)	No n/a	NP	17	2.572	1.015	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-53 (bg)	No n/a	NP	17	2.42	0.1719	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-53R (bg)	No n/a	NP	17	2.532	0.2638	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-54 (bg)	No n/a	NP	17	1.139	0.3075	x^2	ShapiroWilk
Chloride (mg/L)	GWA-55 (bg)	Yes 6.7,6.9	NP	17	3.534	1.263	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-55R (bg)	No n/a	NP	17	3.123	0.7176	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-56 (bg)	No n/a	NP	17	5.893	1.569	normal	ShapiroWilk
Chloride (mg/L)	GWC-16R	No n/a	NP	17	1.716	0.5242	x^2	ShapiroWilk
Chloride (mg/L)	GWC-17R	No n/a	NP	17	5.841	0.9845	x^5	ShapiroWilk
Chloride (mg/L)	GWC-18	No n/a	NP	17	2.172	0.2027	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-18R	No n/a	NP	17	2.421	0.2868	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-19R	No n/a	NP	17	2.441	0.214	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-20R	No n/a	NP	17	1.768	0.3233	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-21R	No n/a	NP	17	4.188	0.5658	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-22R	No n/a	NP	17	2.728	0.2371	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-23R	No n/a	NP	17	1.939	0.3865	x^2	ShapiroWilk
Chloride (mg/L)	GWC-24R	No n/a	NP	17	2.335	0.6246	x^3	ShapiroWilk
Chloride (mg/L)	GWC-25R	No n/a	NP	17	2.594	0.225	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-36 (bg)	n/a n/a	NP	26	0.004287	0.001601	unknown	ShapiroWilk
Chromium (mg/L)	GWA-36RA (bg)	No n/a	NP	26	0.00363	0.001847	x^(1/3)	ShapiroWilk
Chromium (mg/L)	GWA-37 (bg)	n/a n/a	NP	26	0.004912	0.003019	unknown	ShapiroWilk
Chromium (mg/L)	GWA-38 (bg)	No n/a	NP	26	0.00339	0.003317	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-51RZ (bg)	No n/a	NP	26	0.01055	0.009341	x^(1/3)	ShapiroWilk
Chromium (mg/L)	GWA-52 (bg)	No n/a	NP	26	0.003224	0.001959	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-53 (bg)	No n/a	NP	26	0.00385	0.001933	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-53R (bg)	No n/a	NP	26	0.004033	0.001804	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-54 (bg)	No n/a	NP	26	0.004377	0.004178	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-55 (bg)	No n/a	NP	26	0.003725	0.001953	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-55R (bg)	n/a n/a	NP	26	0.004278	0.001522	unknown	ShapiroWilk
Chromium (mg/L)	GWA-56 (bg)	n/a n/a	NP	26	0.004238	0.001597	unknown	ShapiroWilk
Chromium (mg/L)	GWC-16R	No n/a	NP	26	0.006364	0.00436	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-17R	n/a n/a	NP	26	0.00437	0.001392	unknown	ShapiroWilk
Chromium (mg/L)	GWC-18	No n/a	NP	26	0.003994	0.003119	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-18R	No n/a	NP	26	0.007128	0.008397	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-19R	No n/a	NP	26	0.003543	0.002046	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-20R	No n/a	NP	26	0.003399	0.002067	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-21R	No n/a	NP	26	0.003456	0.002005	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-22R	n/a n/a	NP	26	0.00448	0.00147	unknown	ShapiroWilk
Chromium (mg/L)	GWC-23R	No n/a	NP	26	0.003823	0.001824	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-24R	n/a n/a	NP	26	0.004828	0.0008786	unknown	ShapiroWilk
Chromium (mg/L)	GWC-25R	No n/a	NP	26	0.003667	0.002041	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-36 (bg)	n/a n/a	NP	26	0.004829	0.0008727	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-36RA (bg)	n/a n/a	NP	26	0.004372	0.001401	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-37 (bg)	No n/a	NP	26	0.003677	0.001884	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-38 (bg)	No n/a	NP	25	0.002378	0.002424	ln(x)	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Cobalt (mg/L)	GWA-51RZ (bg)	n/a n/a	NP	26	0.00483	0.0008649	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-53 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-53R (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-54 (bg)	n/a n/a	NP	26	0.004658	0.001207	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-55 (bg)	No n/a	NP	26	0.002371	0.001781	x^(1/3)	ShapiroWilk
Cobalt (mg/L)	GWA-55R (bg)	No n/a	NP	26	0.004023	0.001822	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-56 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-16R	No n/a	NP	26	0.002319	0.001893	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-17R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-18	n/a n/a	NP	26	0.004664	0.001188	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-18R	n/a n/a	NP	26	0.004321	0.001624	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-19R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-20R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-21R	No n/a	NP	26	0.004057	0.003554	x^(1/3)	ShapiroWilk
Cobalt (mg/L)	GWC-22R	No n/a	NP	26	0.007891	0.003929	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-23R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-24R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-25R	n/a n/a	NP	26	0.004685	0.001117	unknown	ShapiroWilk
Copper (mg/L)	GWA-36 (bg)	n/a n/a	NP	21	0.00458	0.001331	unknown	ShapiroWilk
Copper (mg/L)	GWA-36RA (bg)	Yes 0.0003,0.00043	NP	21	0.004081	0.00172	sqrt(x)	ShapiroWilk
Copper (mg/L)	GWA-37 (bg)	No n/a	NP	21	0.01336	0.006152	sqrt(x)	ShapiroWilk
Copper (mg/L)	GWA-38 (bg)	No n/a	NP	21	0.003554	0.002019	ln(x)	ShapiroWilk
Copper (mg/L)	GWA-51RZ (bg)	No n/a	NP	20	0.003924	0.001917	x^2	ShapiroWilk
Copper (mg/L)	GWA-52 (bg)	n/a n/a	NP	21	0.004574	0.001348	unknown	ShapiroWilk
Copper (mg/L)	GWA-53 (bg)	n/a n/a	NP	21	0.004563	0.00138	unknown	ShapiroWilk
Copper (mg/L)	GWA-53R (bg)	n/a n/a	NP	21	0.004582	0.001323	unknown	ShapiroWilk
Copper (mg/L)	GWA-54 (bg)	n/a n/a	NP	21	0.004569	0.001363	unknown	ShapiroWilk
Copper (mg/L)	GWA-55 (bg)	n/a n/a	NP	21	0.004814	0.000851	unknown	ShapiroWilk
Copper (mg/L)	GWA-55R (bg)	n/a n/a	NP	21	0.004463	0.00135	unknown	ShapiroWilk
Copper (mg/L)	GWA-56 (bg)	n/a n/a	NP	21	0.004418	0.001491	unknown	ShapiroWilk
Copper (mg/L)	GWC-16R	Yes 0.025,0.025,0.025,0.025	NP	21	0.006414	0.009261	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-17R	No n/a	NP	21	0.003612	0.002863	x^(1/3)	ShapiroWilk
Copper (mg/L)	GWC-18	n/a n/a	NP	21	0.004773	0.001041	unknown	ShapiroWilk
Copper (mg/L)	GWC-18R	n/a n/a	NP	21	0.004579	0.001332	unknown	ShapiroWilk
Copper (mg/L)	GWC-19R	n/a n/a	NP	21	0.004346	0.001643	unknown	ShapiroWilk
Copper (mg/L)	GWC-20R	n/a n/a	NP	21	0.0048	0.0009165	unknown	ShapiroWilk
Copper (mg/L)	GWC-21R	No n/a	NP	21	0.003581	0.002441	x^(1/3)	ShapiroWilk
Copper (mg/L)	GWC-22R	n/a n/a	NP	21	0.004591	0.0013	unknown	ShapiroWilk
Copper (mg/L)	GWC-23R	No n/a	NP	21	0.003594	0.002055	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-24R	No n/a	NP	21	0.003837	0.0019	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-25R	n/a n/a	NP	21	0.004775	0.001032	unknown	ShapiroWilk
Lead (mg/L)	GWA-36 (bg)	No n/a	NP	26	0.0007188	0.000566	sqrt(x)	ShapiroWilk
Lead (mg/L)	GWA-36RA (bg)	No n/a	NP	26	0.001034	0.001241	ln(x)	ShapiroWilk
Lead (mg/L)	GWA-37 (bg)	n/a n/a	NP	26	0.005858	0.02532	unknown	ShapiroWilk
Lead (mg/L)	GWA-38 (bg)	n/a n/a	NP	26	0.0009731	0.0008379	unknown	ShapiroWilk
Lead (mg/L)	GWA-51RZ (bg)	n/a n/a	NP	26	0.0008977	0.0002897	unknown	ShapiroWilk
Lead (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWA-53 (bg)	No n/a	NP	26	0.0006988	0.0004229	ln(x)	ShapiroWilk
Lead (mg/L)	GWA-53R (bg)	No n/a	NP	26	0.0008063	0.0003734	x^2	ShapiroWilk
Lead (mg/L)	GWA-54 (bg)	n/a n/a	NP	26	0.0009634	0.0001867	unknown	ShapiroWilk
Lead (mg/L)	GWA-55 (bg)	n/a n/a	NP	26	0.0008234	0.0003692	unknown	ShapiroWilk
Lead (mg/L)	GWA-55R (bg)	n/a n/a	NP	26	0.0008234	0.0003693	unknown	ShapiroWilk
Lead (mg/L)	GWA-56 (bg)	No n/a	NP	26	0.0007613	0.0004032	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-16R	n/a n/a	NP	26	0.0008288	0.000358	unknown	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Lead (mg/L)	GWC-17R	n/a n/a	NP	26	0.0009846	0.00007845	unknown	ShapiroWilk
Lead (mg/L)	GWC-18	No n/a	NP	26	0.0006967	0.0004265	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-18R	No n/a	NP	26	0.0007631	0.0003664	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-19R	n/a n/a	NP	26	0.0008792	0.0002942	unknown	ShapiroWilk
Lead (mg/L)	GWC-20R	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Lead (mg/L)	GWC-21R	n/a n/a	NP	26	0.000951	0.0002865	unknown	ShapiroWilk
Lead (mg/L)	GWC-22R	n/a n/a	NP	26	0.0008588	0.0003378	unknown	ShapiroWilk
Lead (mg/L)	GWC-23R	n/a n/a	NP	26	0.0008931	0.000302	unknown	ShapiroWilk
Lead (mg/L)	GWC-24R	n/a n/a	NP	26	0.0008288	0.0003585	unknown	ShapiroWilk
Lead (mg/L)	GWC-25R	No n/a	NP	26	0.0007727	0.0003864	ln(x)	ShapiroWilk
Mercury (mg/L)	GWA-36 (bg)	n/a n/a	NP	26	0.0001811	0.00005485	unknown	ShapiroWilk
Mercury (mg/L)	GWA-36RA (bg)	n/a n/a	NP	26	0.0001802	0.00005279	unknown	ShapiroWilk
Mercury (mg/L)	GWA-37 (bg)	n/a n/a	NP	26	0.0001771	0.00005547	unknown	ShapiroWilk
Mercury (mg/L)	GWA-38 (bg)	n/a n/a	NP	26	0.000173	0.00005898	unknown	ShapiroWilk
Mercury (mg/L)	GWA-51RZ (bg)	n/a n/a	NP	26	0.000174	0.00005534	unknown	ShapiroWilk
Mercury (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-53 (bg)	n/a n/a	NP	26	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-53R (bg)	n/a n/a	NP	26	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-54 (bg)	n/a n/a	NP	26	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-55 (bg)	n/a n/a	NP	26	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-55R (bg)	n/a n/a	NP	26	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWA-56 (bg)	n/a n/a	NP	26	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	GWC-16R	n/a n/a	NP	26	0.0001869	0.00004638	unknown	ShapiroWilk
Mercury (mg/L)	GWC-17R	n/a n/a	NP	26	0.0001814	0.00005259	unknown	ShapiroWilk
Mercury (mg/L)	GWC-18	n/a n/a	NP	26	0.0001705	0.00006216	unknown	ShapiroWilk
Mercury (mg/L)	GWC-18R	n/a n/a	NP	26	0.0001821	0.00005058	unknown	ShapiroWilk
Mercury (mg/L)	GWC-19R	n/a n/a	NP	26	0.0001795	0.00004961	unknown	ShapiroWilk
Mercury (mg/L)	GWC-20R	n/a n/a	NP	26	0.0001819	0.00005111	unknown	ShapiroWilk
Mercury (mg/L)	GWC-21R	n/a n/a	NP	26	0.0001933	0.00003418	unknown	ShapiroWilk
Mercury (mg/L)	GWC-22R	n/a n/a	NP	26	0.0001867	0.00004705	unknown	ShapiroWilk
Mercury (mg/L)	GWC-23R	n/a n/a	NP	26	0.0001876	0.00004405	unknown	ShapiroWilk
Mercury (mg/L)	GWC-24R	n/a n/a	NP	26	0.0001877	0.00004366	unknown	ShapiroWilk
Mercury (mg/L)	GWC-25R	n/a n/a	NP	26	0.0001809	0.00005414	unknown	ShapiroWilk
Nickel (mg/L)	GWA-36 (bg)	n/a n/a	NP	21	0.00463	0.002779	unknown	ShapiroWilk
Nickel (mg/L)	GWA-36RA (bg)	No n/a	NP	21	0.004096	0.002168	normal	ShapiroWilk
Nickel (mg/L)	GWA-37 (bg)	No n/a	NP	21	0.01321	0.005401	normal	ShapiroWilk
Nickel (mg/L)	GWA-38 (bg)	No n/a	NP	21	0.004595	0.00463	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-51RZ (bg)	n/a n/a	NP	20	0.00462	0.001177	unknown	ShapiroWilk
Nickel (mg/L)	GWA-52 (bg)	n/a n/a	NP	21	0.004786	0.000982	unknown	ShapiroWilk
Nickel (mg/L)	GWA-53 (bg)	n/a n/a	NP	21	0.00471	0.001026	unknown	ShapiroWilk
Nickel (mg/L)	GWA-53R (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Nickel (mg/L)	GWA-54 (bg)	n/a n/a	NP	21	0.004443	0.001408	unknown	ShapiroWilk
Nickel (mg/L)	GWA-55 (bg)	n/a n/a	NP	21	0.004591	0.001292	unknown	ShapiroWilk
Nickel (mg/L)	GWA-55R (bg)	Yes 0.0007	NP	21	0.004181	0.001521	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWA-56 (bg)	n/a n/a	NP	21	0.00479	0.0009602	unknown	ShapiroWilk
Nickel (mg/L)	GWC-16R	No n/a	NP	21	0.01456	0.008029	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWC-17R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Nickel (mg/L)	GWC-18	No n/a	NP	21	0.003914	0.001775	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-18R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Nickel (mg/L)	GWC-19R	n/a n/a	NP	21	0.004586	0.001307	unknown	ShapiroWilk
Nickel (mg/L)	GWC-20R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Nickel (mg/L)	GWC-21R	No n/a	NP	21	0.005507	0.006233	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-22R	n/a n/a	NP	21	0.00424	0.001607	unknown	ShapiroWilk
Nickel (mg/L)	GWC-23R	n/a n/a	NP	21	0.00442	0.001459	unknown	ShapiroWilk
Nickel (mg/L)	GWC-24R	n/a n/a	NP	21	0.004776	0.001026	unknown	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Nickel (mg/L)	GWC-25R	n/a n/a	NP	21	0.004819	0.0008292	unknown	ShapiroWilk
pH (pH units)	GWA-36 (bg)	No n/a	NP	17	6.871	0.1978	ln(x)	ShapiroWilk
pH (pH units)	GWA-36RA (bg)	No n/a	NP	17	7.328	0.1461	ln(x)	ShapiroWilk
pH (pH units)	GWA-37 (bg)	No n/a	NP	17	5.575	0.291	x^6	ShapiroWilk
pH (pH units)	GWA-38 (bg)	No n/a	NP	17	5.44	0.2662	x^5	ShapiroWilk
pH (pH units)	GWA-51RZ (bg)	No n/a	NP	18	7.504	0.117	x^4	ShapiroWilk
pH (pH units)	GWA-52 (bg)	No n/a	NP	17	7.505	0.104	x^6	ShapiroWilk
pH (pH units)	GWA-53 (bg)	No n/a	NP	17	7.693	0.08915	x^6	ShapiroWilk
pH (pH units)	GWA-53R (bg)	No n/a	NP	17	7.751	0.07894	x^6	ShapiroWilk
pH (pH units)	GWA-54 (bg)	No n/a	NP	17	7.588	0.1215	x^6	ShapiroWilk
pH (pH units)	GWA-55 (bg)	No n/a	NP	17	7.265	0.2207	x^4	ShapiroWilk
pH (pH units)	GWA-55R (bg)	No n/a	NP	17	7.525	0.2314	x^6	ShapiroWilk
pH (pH units)	GWA-56 (bg)	No n/a	NP	18	7.962	0.1666	ln(x)	ShapiroWilk
pH (pH units)	GWC-16R	No n/a	NP	17	7.172	0.1385	ln(x)	ShapiroWilk
pH (pH units)	GWC-17R	No n/a	NP	17	7.204	0.05255	ln(x)	ShapiroWilk
pH (pH units)	GWC-18	No n/a	NP	17	6.779	0.3076	x^6	ShapiroWilk
pH (pH units)	GWC-18R	No n/a	NP	17	7.75	0.1103	x^6	ShapiroWilk
pH (pH units)	GWC-19R	No n/a	NP	17	7.696	0.06412	x^6	ShapiroWilk
pH (pH units)	GWC-20R	No n/a	NP	18	7.64	0.1171	ln(x)	ShapiroWilk
pH (pH units)	GWC-21R	No n/a	NP	17	7.049	0.1002	x^6	ShapiroWilk
pH (pH units)	GWC-22R	No n/a	NP	18	7.491	0.2361	x^6	ShapiroWilk
pH (pH units)	GWC-23R	No n/a	NP	18	7.354	0.1695	ln(x)	ShapiroWilk
pH (pH units)	GWC-24R	No n/a	NP	17	7.408	0.2406	x^6	ShapiroWilk
pH (pH units)	GWC-25R	No n/a	NP	17	7.587	0.1654	ln(x)	ShapiroWilk
Selenium (mg/L)	GWA-36 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-36RA (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-37 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-38 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-51RZ (bg)	No n/a	NP	26	0.008266	0.002336	sqrt(x)	ShapiroWilk
Selenium (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-53 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-53R (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-54 (bg)	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWA-55 (bg)	No n/a	NP	26	0.00791	0.003516	ln(x)	ShapiroWilk
Selenium (mg/L)	GWA-55R (bg)	n/a n/a	NP	26	0.004442	0.00134	unknown	ShapiroWilk
Selenium (mg/L)	GWA-56 (bg)	n/a n/a	NP	26	0.00485	0.0007649	unknown	ShapiroWilk
Selenium (mg/L)	GWC-16R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-17R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-18	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-18R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-19R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-20R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-21R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-22R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-23R	n/a n/a	NP	26	0.004873	0.0006472	unknown	ShapiroWilk
Selenium (mg/L)	GWC-24R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Selenium (mg/L)	GWC-25R	n/a n/a	NP	26	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-36 (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-36RA (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-37 (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-38 (bg)	n/a n/a	NP	21	0.004786	0.0009798	unknown	ShapiroWilk
Silver (mg/L)	GWA-51RZ (bg)	n/a n/a	NP	20	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-52 (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-53 (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-53R (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/L)	GWA-54 (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-55 (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-55R (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWA-56 (bg)	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-16R	n/a n/a	NP	21	0.004824	0.0008074	unknown	ShapiroWilk
Silver (mg/L)	GWC-17R	n/a n/a	NP	21	0.004582	0.001321	unknown	ShapiroWilk
Silver (mg/L)	GWC-18	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-18R	n/a n/a	NP	21	0.00479	0.0009645	unknown	ShapiroWilk
Silver (mg/L)	GWC-19R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-20R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-21R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-22R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-23R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-24R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-25R	n/a n/a	NP	21	0.005	0	unknown	ShapiroWilk
Sulfate (mg/L)	GWA-36 (bg)	No n/a	NP	17	1.159	0.5981	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-36RA (bg)	No n/a	NP	17	3.753	2.509	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-37 (bg)	No n/a	NP	17	0.6231	0.1811	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-38 (bg)	No n/a	NP	17	1.136	0.6276	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-51RZ (bg)	No n/a	NP	17	21.28	4.78	x^2	ShapiroWilk
Sulfate (mg/L)	GWA-52 (bg)	No n/a	NP	17	9.13	7.312	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-53 (bg)	No n/a	NP	17	1.796	0.2423	x^6	ShapiroWilk
Sulfate (mg/L)	GWA-53R (bg)	No n/a	NP	17	1.841	0.244	x^4	ShapiroWilk
Sulfate (mg/L)	GWA-54 (bg)	No n/a	NP	17	4.642	2.201	x^3	ShapiroWilk
Sulfate (mg/L)	GWA-55 (bg)	No n/a	NP	17	21.97	10.78	normal	ShapiroWilk
Sulfate (mg/L)	GWA-55R (bg)	No n/a	NP	17	20.4	3.794	x^5	ShapiroWilk
Sulfate (mg/L)	GWA-56 (bg)	No n/a	NP	17	79.21	24.09	sqrt(x)	ShapiroWilk
Sulfate (mg/L)	GWC-16R	No n/a	NP	17	7.264	2.917	normal	ShapiroWilk
Sulfate (mg/L)	GWC-17R	Yes 25.9	NP	17	7.729	4.772	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-18	No n/a	NP	17	1.96	0.2549	x^4	ShapiroWilk
Sulfate (mg/L)	GWC-18R	No n/a	NP	16	2.259	0.2378	x^5	ShapiroWilk
Sulfate (mg/L)	GWC-19R	No n/a	NP	17	3.516	0.274	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-20R	No n/a	NP	17	1.325	0.3828	x^3	ShapiroWilk
Sulfate (mg/L)	GWC-21R	No n/a	NP	17	5.966	4.998	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	GWC-22R	No n/a	NP	16	1.998	0.3782	x^3	ShapiroWilk
Sulfate (mg/L)	GWC-23R	No n/a	NP	18	28.16	30.94	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-24R	No n/a	NP	17	3.846	3.394	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-25R	No n/a	NP	17	1.616	0.1512	ln(x)	ShapiroWilk
Thallium (mg/L)	GWA-36 (bg)	n/a n/a	NP	26	0.0009281	0.0002542	unknown	ShapiroWilk
Thallium (mg/L)	GWA-36RA (bg)	n/a n/a	NP	25	0.0009268	0.0002534	unknown	ShapiroWilk
Thallium (mg/L)	GWA-37 (bg)	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-38 (bg)	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-51RZ (bg)	No n/a	NP	26	0.0007258	0.0004219	ln(x)	ShapiroWilk
Thallium (mg/L)	GWA-52 (bg)	n/a n/a	NP	26	0.0008962	0.0002943	unknown	ShapiroWilk
Thallium (mg/L)	GWA-53 (bg)	No n/a	NP	26	0.0006931	0.0004318	ln(x)	ShapiroWilk
Thallium (mg/L)	GWA-53R (bg)	n/a n/a	NP	25	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWA-54 (bg)	No n/a	NP	26	0.0006261	0.0004467	ln(x)	ShapiroWilk
Thallium (mg/L)	GWA-55 (bg)	No n/a	NP	26	0.0006848	0.0004419	ln(x)	ShapiroWilk
Thallium (mg/L)	GWA-55R (bg)	n/a n/a	NP	26	0.0009635	0.0001863	unknown	ShapiroWilk
Thallium (mg/L)	GWA-56 (bg)	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-16R	No n/a	NP	26	0.0005701	0.0004689	ln(x)	ShapiroWilk
Thallium (mg/L)	GWC-17R	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-18	No n/a	NP	26	0.0005875	0.0004229	ln(x)	ShapiroWilk
Thallium (mg/L)	GWC-18R	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-19R	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

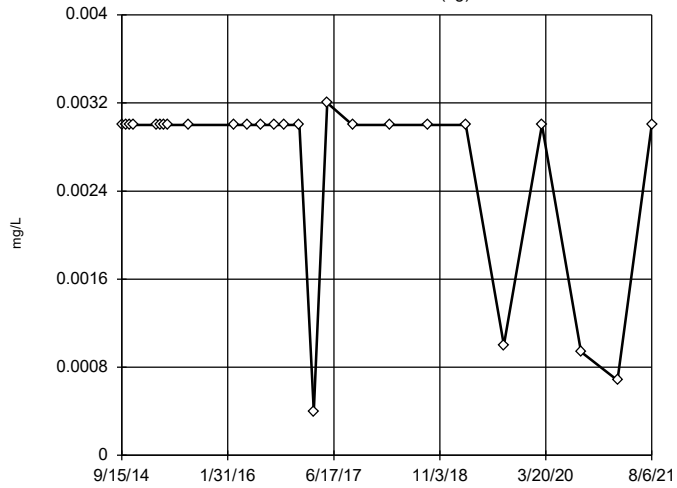
Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Thallium (mg/L)	GWC-20R	No n/a	NP	26	0.0006173	0.0004565	ln(x)	ShapiroWilk
Thallium (mg/L)	GWC-21R	No n/a	NP	26	0.0005663	0.0004119	ln(x)	ShapiroWilk
Thallium (mg/L)	GWC-22R	No n/a	NP	26	0.0005187	0.000455	ln(x)	ShapiroWilk
Thallium (mg/L)	GWC-23R	No n/a	NP	25	0.0005748	0.0006853	ln(x)	ShapiroWilk
Thallium (mg/L)	GWC-24R	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Thallium (mg/L)	GWC-25R	n/a n/a	NP	26	0.001	0	unknown	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-36 (bg)	No n/a	NP	17	92.29	22.6	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-36RA (bg)	No n/a	NP	17	153.6	28.78	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-37 (bg)	No n/a	NP	17	29.29	45.84	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-38 (bg)	No n/a	NP	17	35.65	27.55	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-51RZ (bg)	No n/a	NP	17	214.5	42.92	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-52 (bg)	No n/a	NP	16	142.8	14.61	normal	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-53 (bg)	No n/a	NP	17	131.2	15.55	x^4	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-53R (bg)	No n/a	NP	16	133	22.11	x^4	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-54 (bg)	No n/a	NP	17	122.1	20.73	normal	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-55 (bg)	No n/a	NP	17	199.4	31.18	x^2	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-55R (bg)	No n/a	NP	17	180.9	26.02	x^5	ShapiroWilk
Total Dissolved Solids (mg/l)	GWA-56 (bg)	No n/a	NP	17	320	59.99	x^2	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-16R	No n/a	NP	17	295.8	28.25	x^3	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-17R	No n/a	NP	17	318.3	30.22	x^2	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-18	No n/a	NP	17	94.65	23.04	x^2	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-18R	No n/a	NP	17	140.2	17.93	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-19R	No n/a	NP	17	166.3	21.11	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-20R	No n/a	NP	17	191.6	17.93	x^2	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-21R	Yes 136,385	NP	17	288.1	49.76	x^2	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-22R	No n/a	NP	17	163.8	13.17	x^2	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-23R	No n/a	NP	18	314.3	59.32	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-24R	Yes 209,205	NP	17	160.7	18.35	ln(x)	ShapiroWilk
Total Dissolved Solids (mg/l)	GWC-25R	No n/a	NP	17	156.9	19.68	x^4	ShapiroWilk
Vanadium (mg/L)	GWA-36 (bg)	n/a n/a	NP	21	0.01	0	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-36RA (bg)	Yes 0.0045,0.0014,0.0029,0.0031	NP	21	0.008533	0.002867	normal	ShapiroWilk
Vanadium (mg/L)	GWA-37 (bg)	n/a n/a	NP	21	0.008775	0.003098	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-38 (bg)	No n/a	NP	21	0.007283	0.003994	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-51RZ (bg)	Yes 0.0279,0.00091	NP	20	0.009825	0.005582	sqrt(x)	ShapiroWilk
Vanadium (mg/L)	GWA-52 (bg)	n/a n/a	NP	21	0.008706	0.003251	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-53 (bg)	n/a n/a	NP	21	0.009549	0.002068	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-53R (bg)	n/a n/a	NP	21	0.009532	0.002145	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-54 (bg)	n/a n/a	NP	21	0.00835	0.00349	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-55 (bg)	n/a n/a	NP	21	0.009126	0.002766	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-55R (bg)	n/a n/a	NP	21	0.00849	0.003239	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-56 (bg)	n/a n/a	NP	21	0.009143	0.002712	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-16R	No n/a	NP	21	0.006244	0.00412	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-17R	n/a n/a	NP	21	0.009581	0.00192	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-18	n/a n/a	NP	21	0.009561	0.002012	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-18R	n/a n/a	NP	21	0.009135	0.002731	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-19R	n/a n/a	NP	21	0.009132	0.002742	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-20R	n/a n/a	NP	21	0.009581	0.00192	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-21R	n/a n/a	NP	21	0.009145	0.0027	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-22R	n/a n/a	NP	21	0.009569	0.001977	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-23R	No n/a	NP	21	0.007892	0.003868	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-24R	No n/a	NP	21	0.007519	0.004023	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-25R	n/a n/a	NP	21	0.01	0	unknown	ShapiroWilk
Zinc (mg/L)	GWA-36 (bg)	No n/a	NP	21	0.2997	0.1624	normal	ShapiroWilk
Zinc (mg/L)	GWA-36RA (bg)	Yes 0.44	NP	21	0.07925	0.0956	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWA-37 (bg)	No n/a	NP	21	0.007022	0.002563	x^2	ShapiroWilk

Tukey's Outlier Test All Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:11 PM

Constituent	Well	OutlierValue(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Zinc (mg/L)	GWA-38 (bg)	No n/a	NP	21	0.01163	0.01017	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-51RZ (bg)	Yes 0.12	NP	20	0.02098	0.02412	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-52 (bg)	No n/a	NP	21	0.01254	0.008844	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-53 (bg)	No n/a	NP	21	0.01152	0.008467	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-53R (bg)	No n/a	NP	21	0.01103	0.008918	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-54 (bg)	No n/a	NP	21	0.01081	0.009006	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-55 (bg)	No n/a	NP	21	0.01429	0.008334	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-55R (bg)	No n/a	NP	21	0.01408	0.007836	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-56 (bg)	No n/a	NP	21	0.01199	0.00865	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-16R	No n/a	NP	21	0.0503	0.02569	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-17R	No n/a	NP	21	0.0089	0.00761	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-18	No n/a	NP	21	0.009386	0.008037	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-18R	No n/a	NP	21	0.01197	0.009107	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-19R	No n/a	NP	21	0.011	0.008057	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-20R	No n/a	NP	21	0.0355	0.1198	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-21R	No n/a	NP	21	0.00952	0.01081	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-22R	No n/a	NP	21	0.0094	0.008638	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-23R	No n/a	NP	21	0.01118	0.008766	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-24R	No n/a	NP	21	0.01226	0.008471	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-25R	No n/a	NP	21	0.01341	0.008651	ln(x)	ShapiroWilk

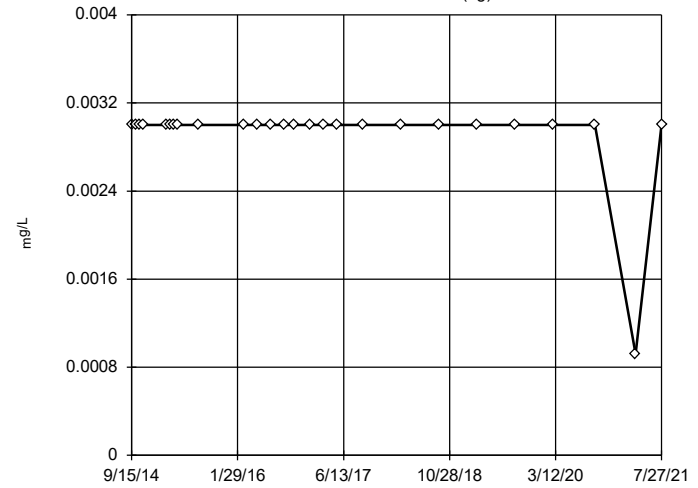
Tukey's Outlier Screening
GWA-36 (bg)



n = 26
No outliers found. Tukey's method selected by user.
Data were x⁶ transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

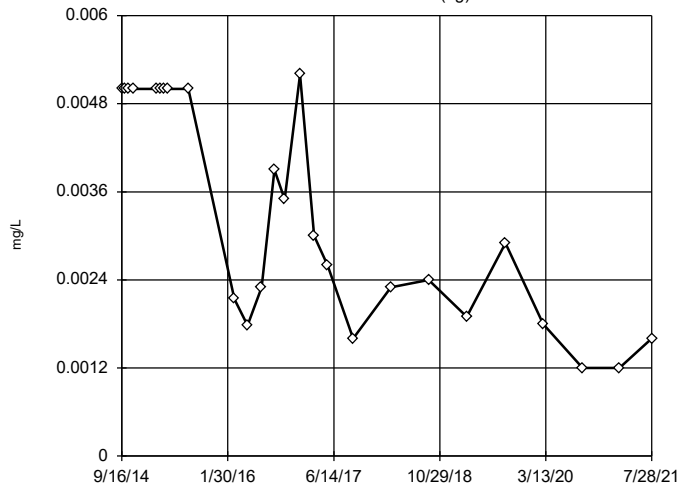
Tukey's Outlier Screening
GWA-36RA (bg)



n = 26
No outliers found. Tukey's method selected by user.
Data were cube transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

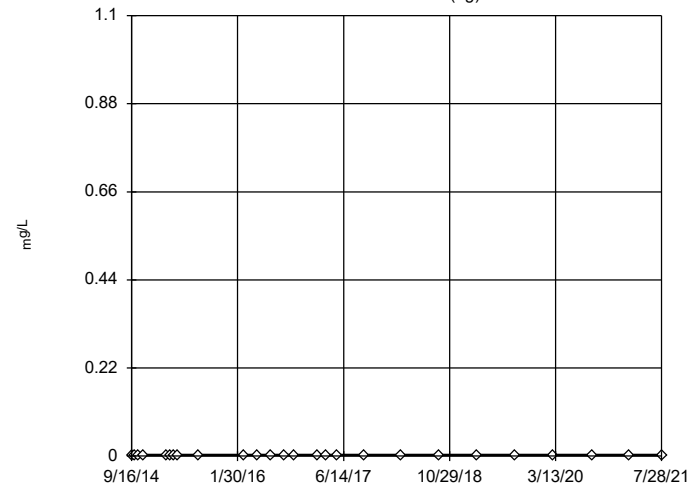
Tukey's Outlier Screening
GWA-37 (bg)



n = 26
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.09882, low cutoff = 0.00009357, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

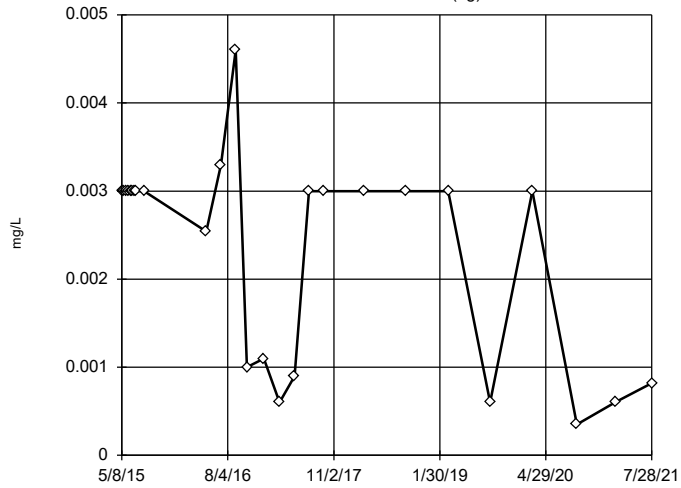
Tukey's Outlier Screening
GWA-38 (bg)



n = 26
No outliers found. Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

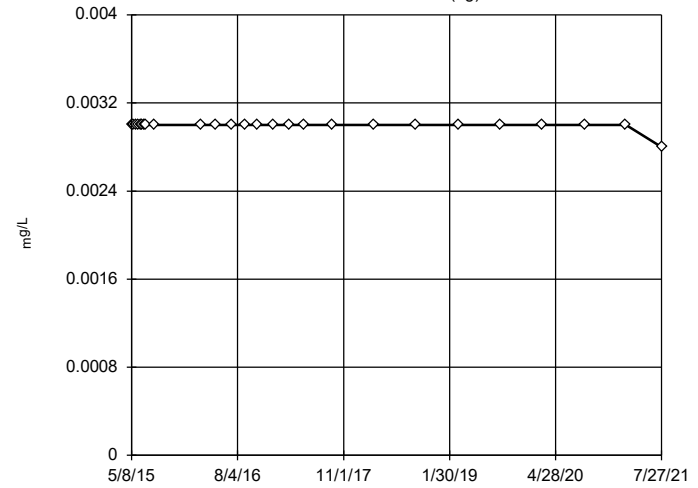
Tukey's Outlier Screening
GWA-51RZ (bg)



n = 26
No outliers found. Tukey's method selected by user.
Ladder of Powers transformations did not improve normality; analysis run on raw data.
High cutoff = 0.00915, low cutoff = -0.0052, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

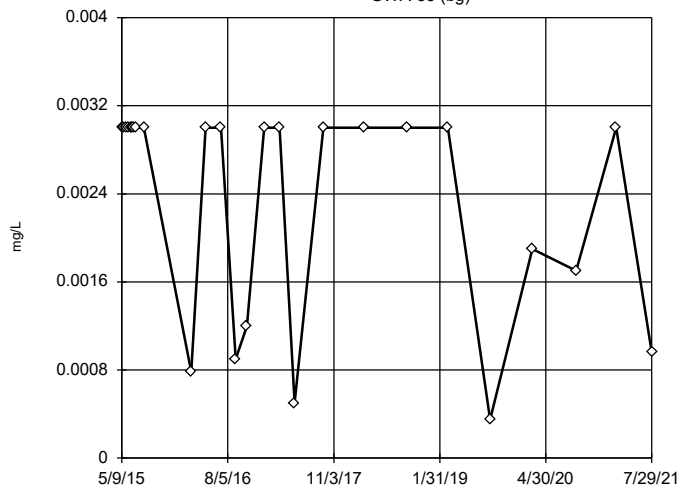
Tukey's Outlier Screening
GWA-52 (bg)



n = 26
No outliers found. Tukey's method selected by user.
Data were x^6 transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

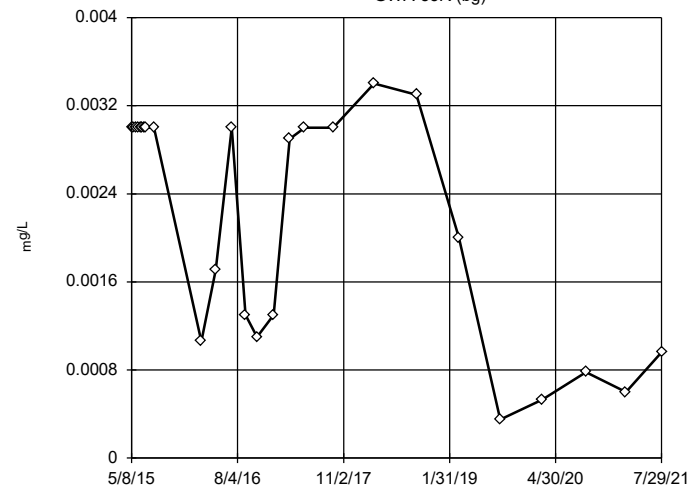
Tukey's Outlier Screening
GWA-53 (bg)



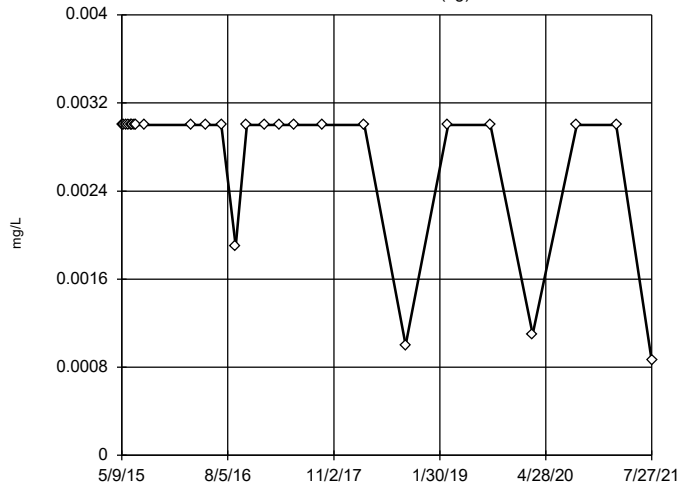
n = 26
No outliers found. Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.01108, low cutoff = -0.0001581, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWA-53R (bg)



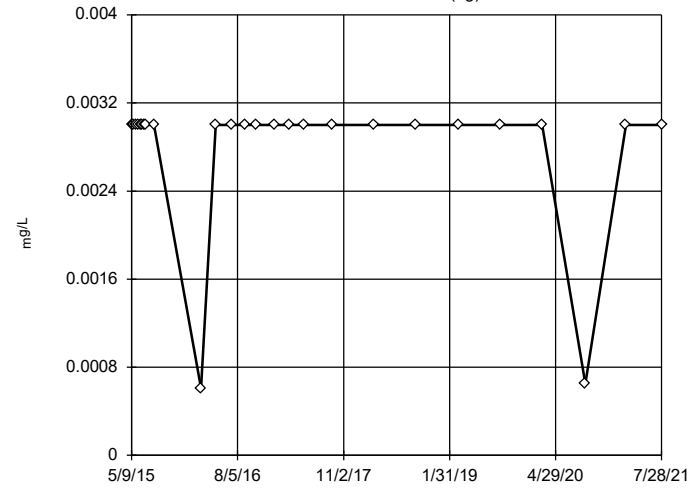
Tukey's Outlier Screening GWA-54 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

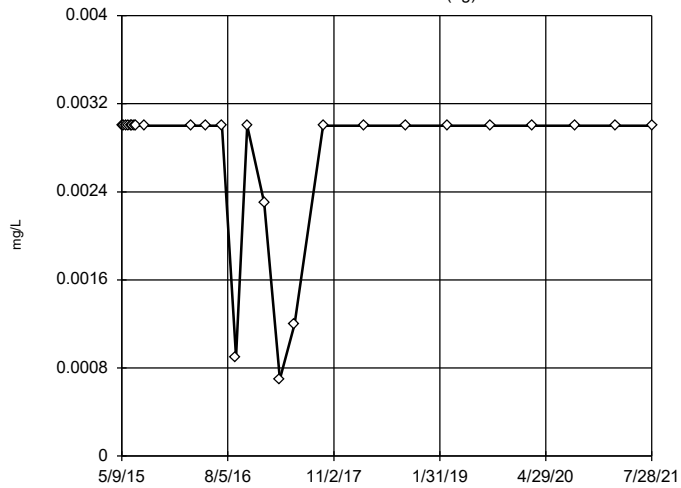
Tukey's Outlier Screening GWA-55 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

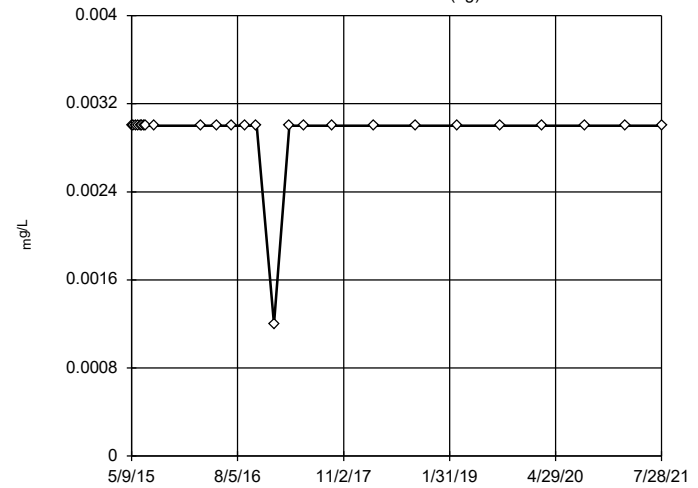
Tukey's Outlier Screening GWA-55R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-56 (bg)

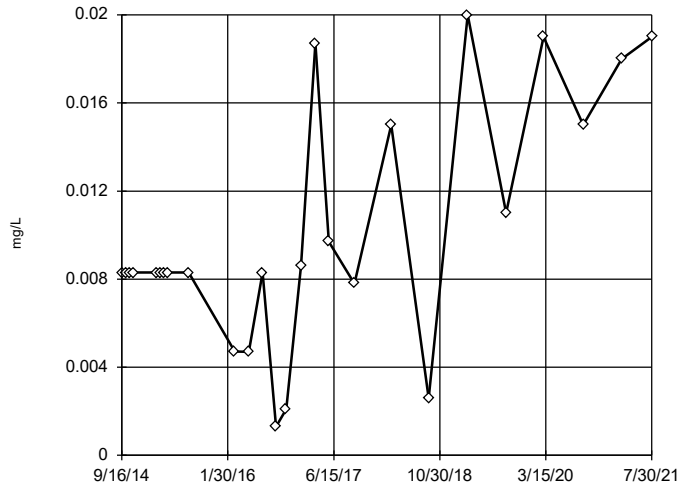


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R



n = 26

No outliers found. Tukey's method selected by user.

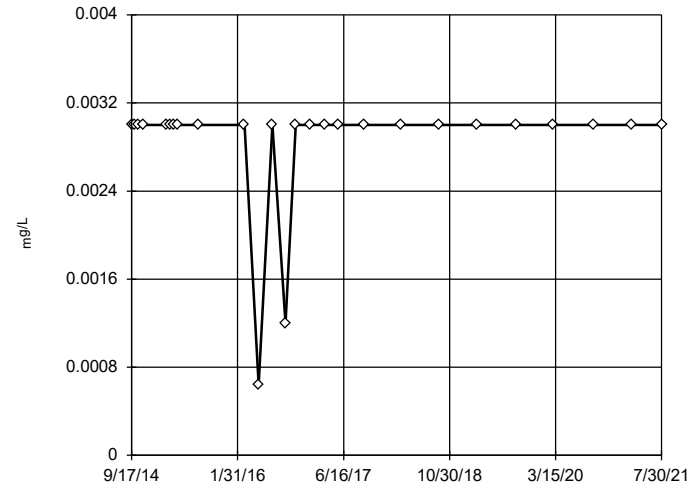
Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04874, low cutoff = -0.00007361, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R



n = 26

No outliers found. Tukey's method selected by user.

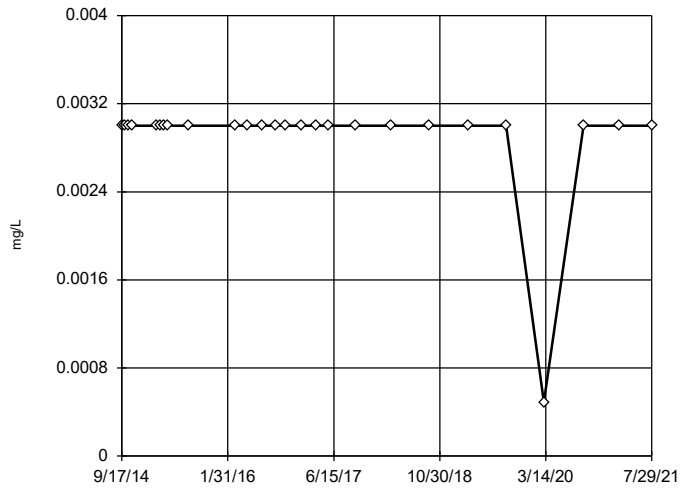
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18



n = 26

No outliers found. Tukey's method selected by user.

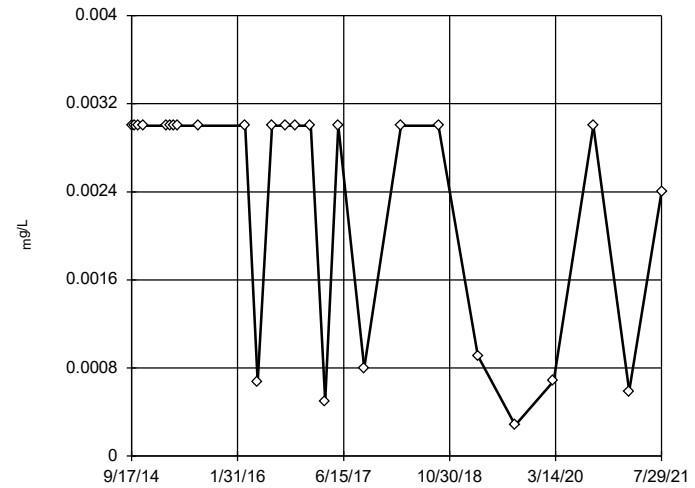
Data were x*6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R



n = 26

No outliers found. Tukey's method selected by user.

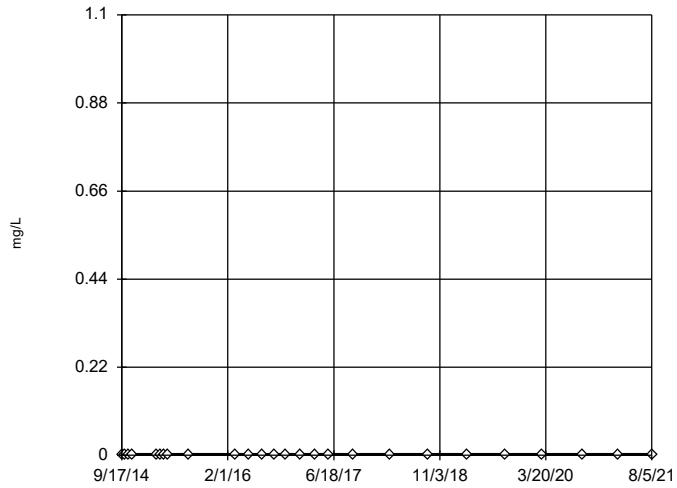
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1304, low cutoff = 0.00001963, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R

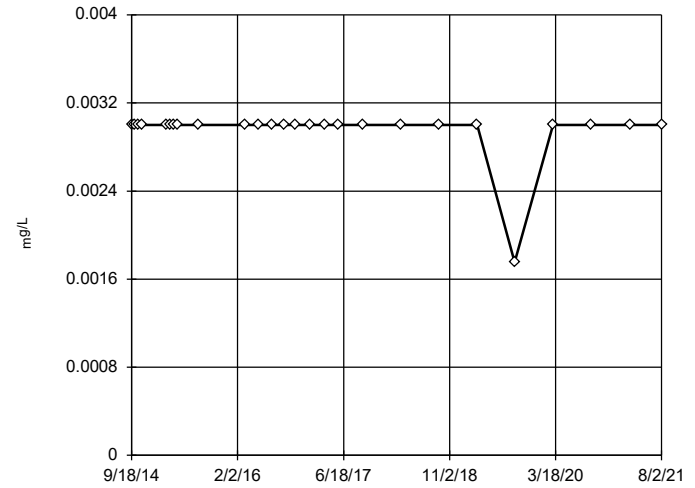


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R

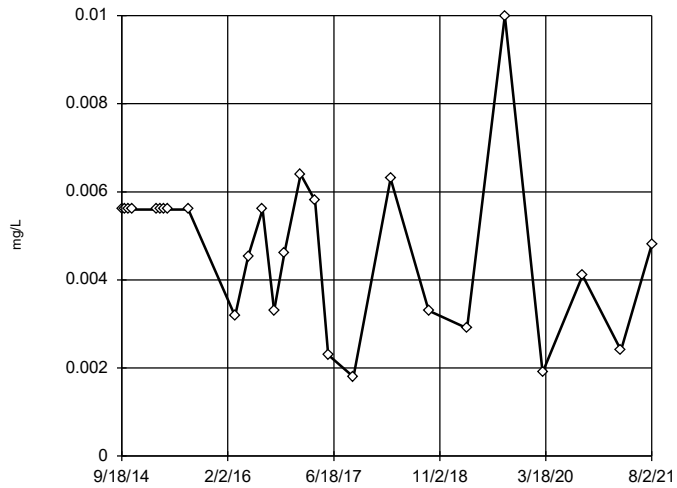


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x⁴ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

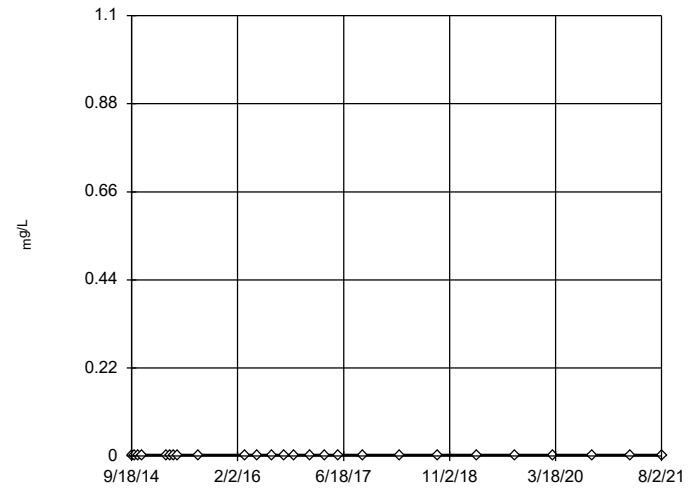


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.01653,
 low cutoff = 0.00001008,
 based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R

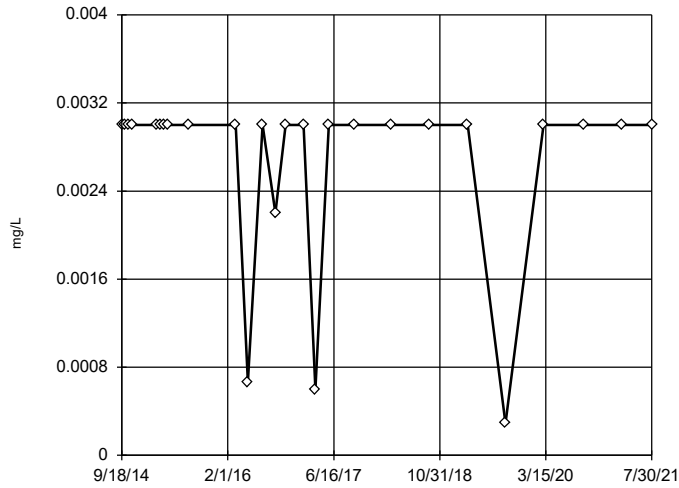


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R

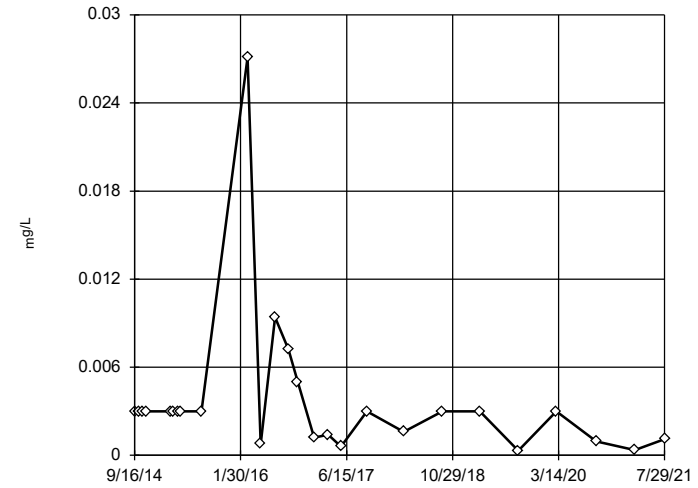


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-24R

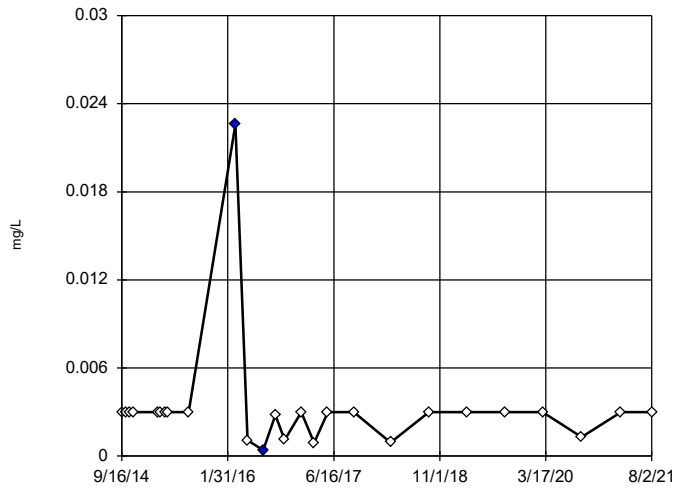


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.05341, low cutoff = 0.00006453, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-25R

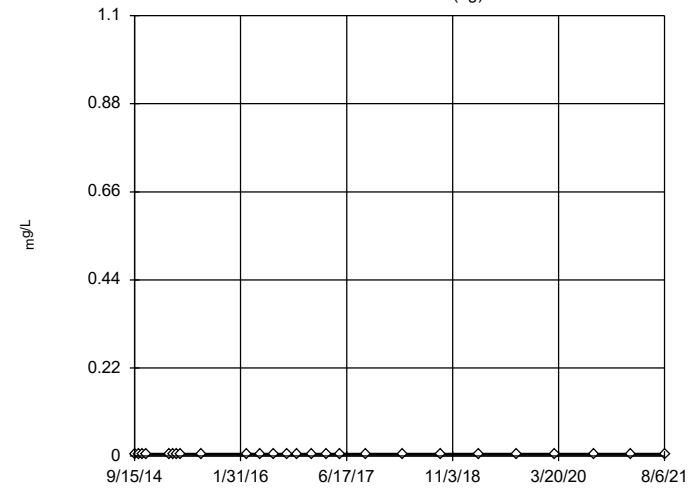


n = 26
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.01166, low cutoff = 0.0004907, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

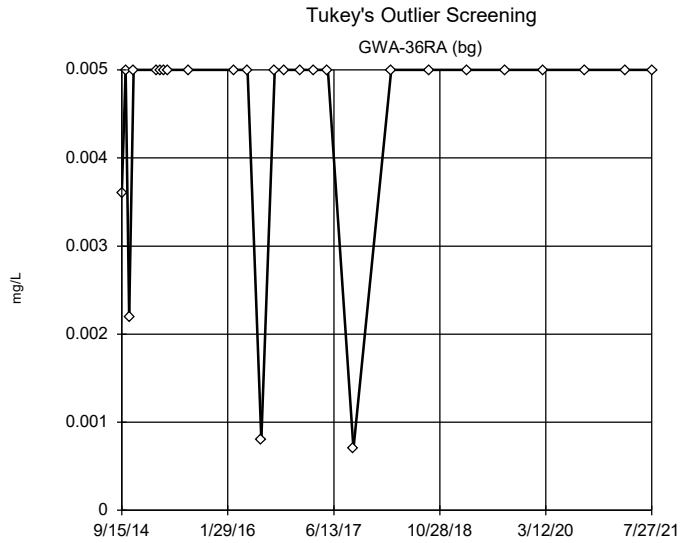
Tukey's Outlier Screening

GWA-36 (bg)



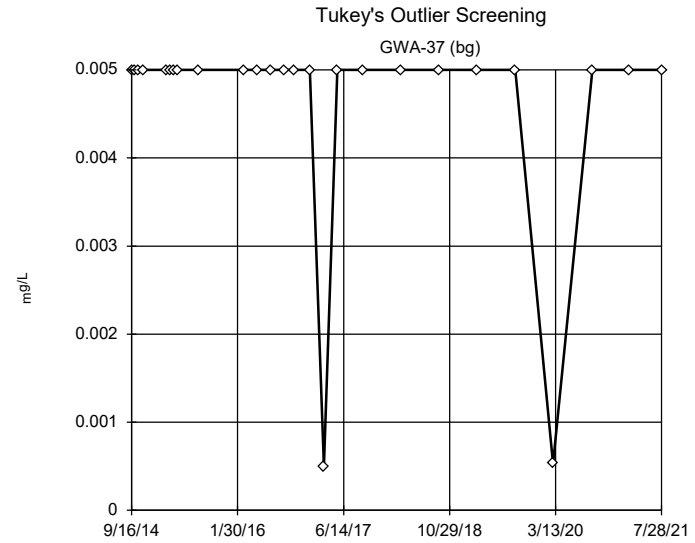
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



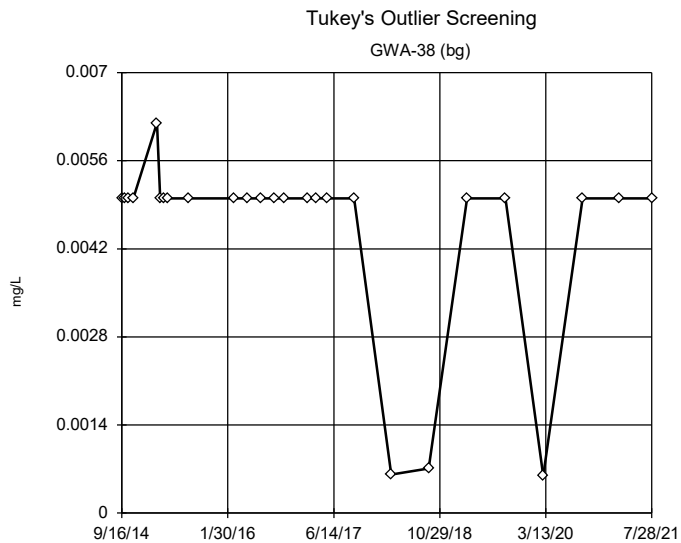
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



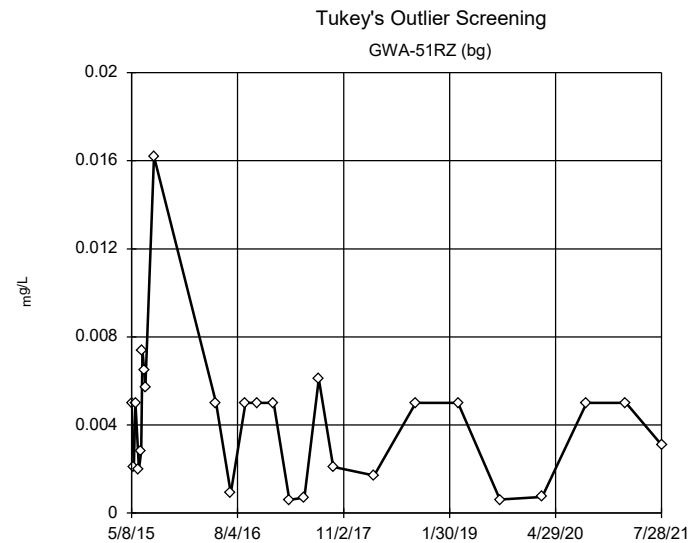
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



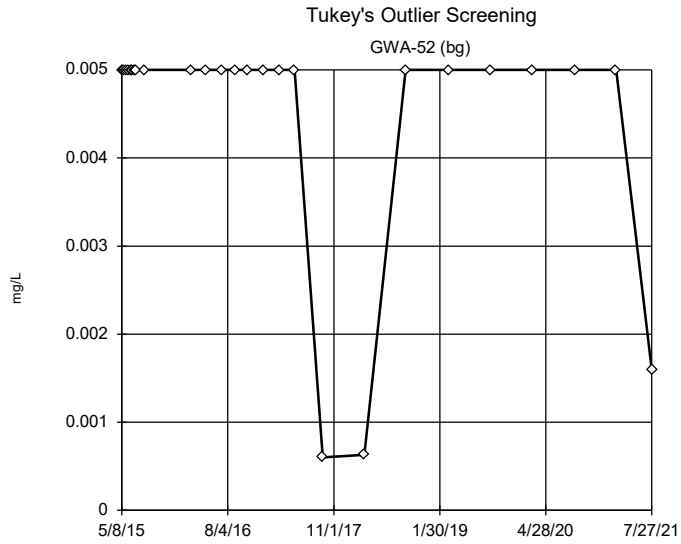
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



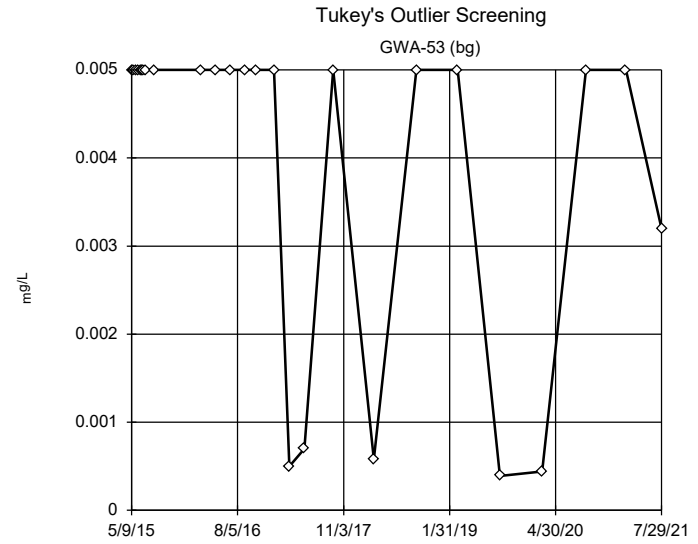
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.03155,
 low cutoff = -0.00001111,
 based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



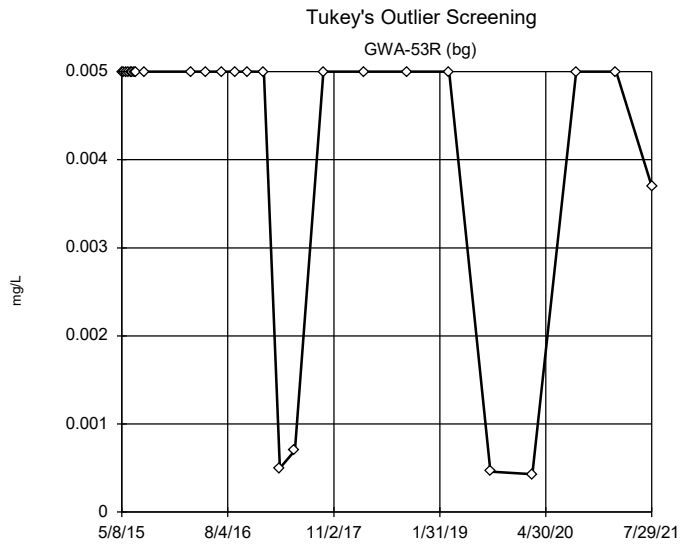
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



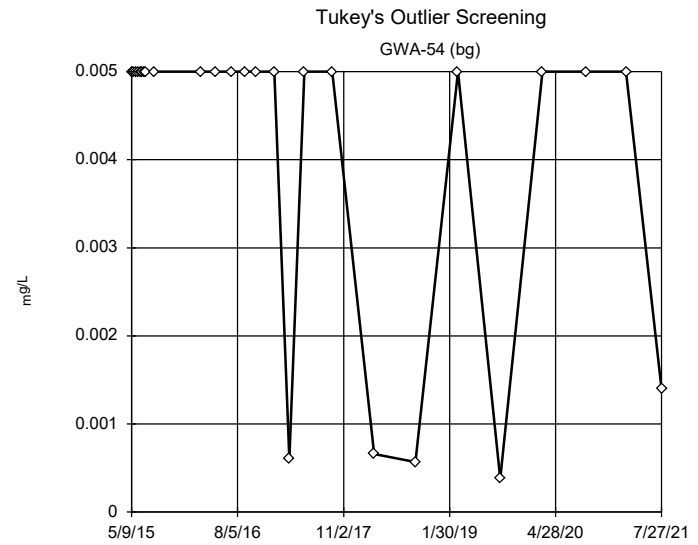
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.006866, low cutoff = -0.002126, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

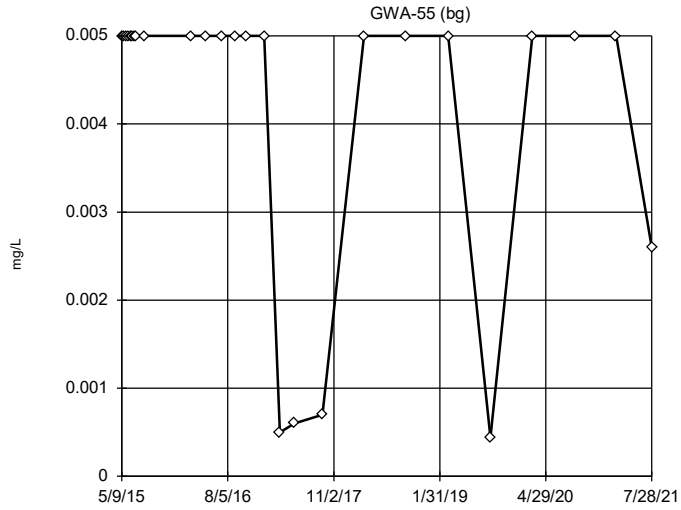
Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

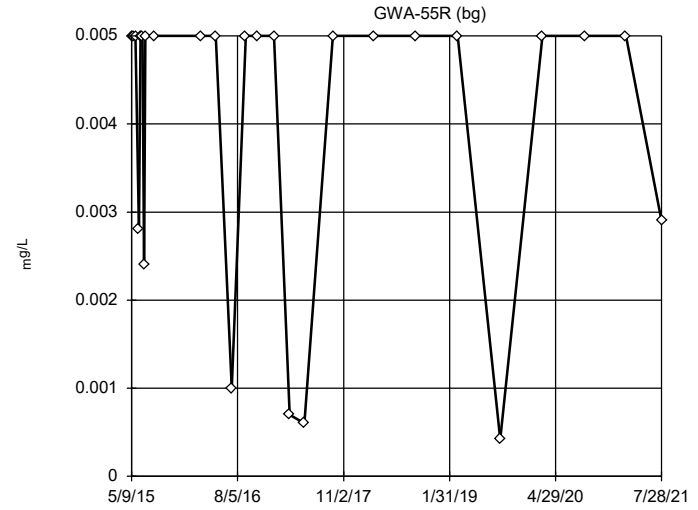
Tukey's Outlier Screening



n = 26
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

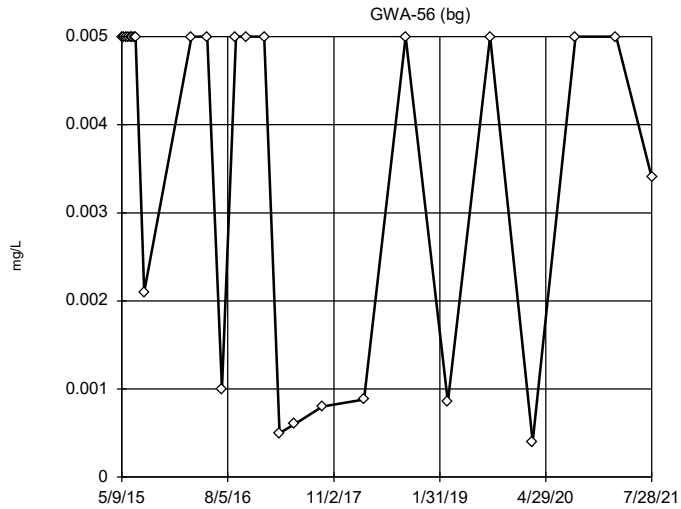
Tukey's Outlier Screening



n = 26
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 0.01145, low cutoff = -0.0036, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

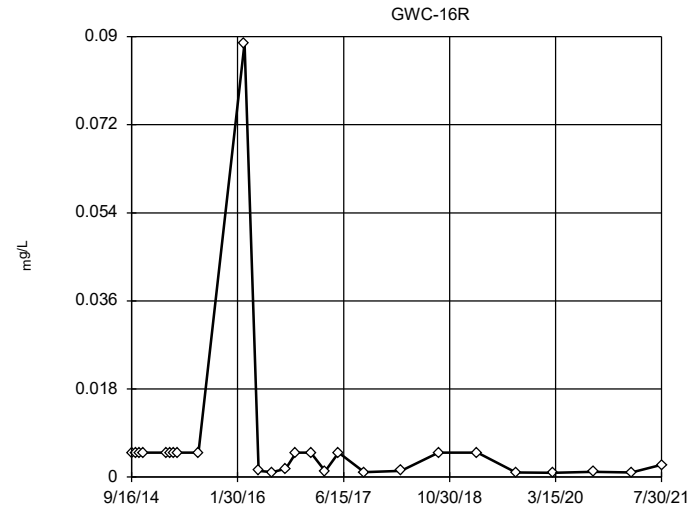
Tukey's Outlier Screening



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.7571, low cutoff = 0.000006195, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

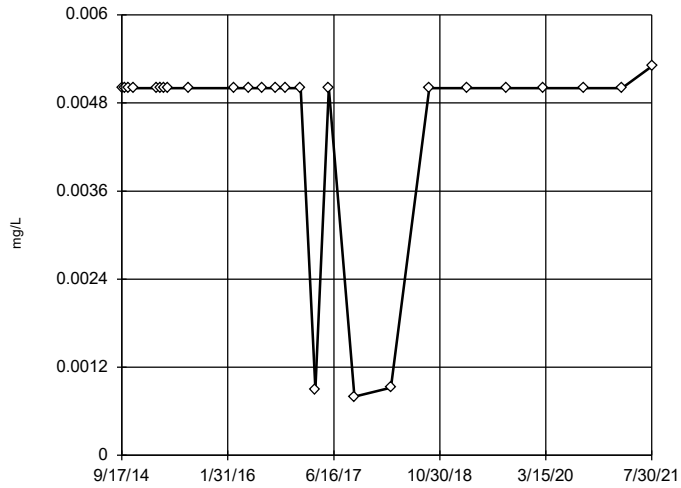


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.4121, low cutoff = 0.00001394, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R

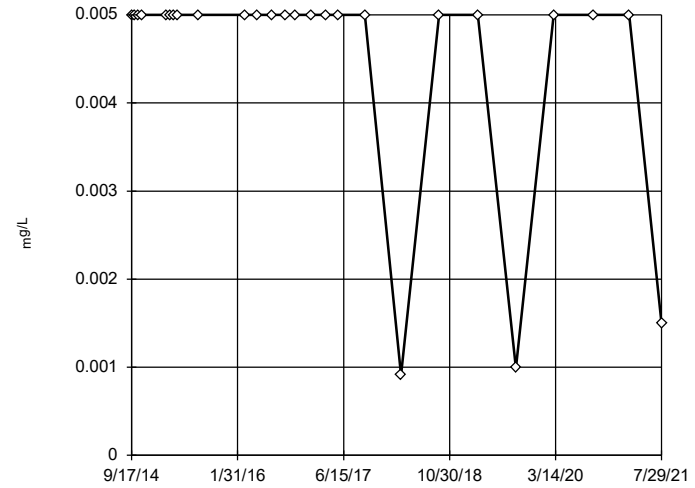


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^6 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18

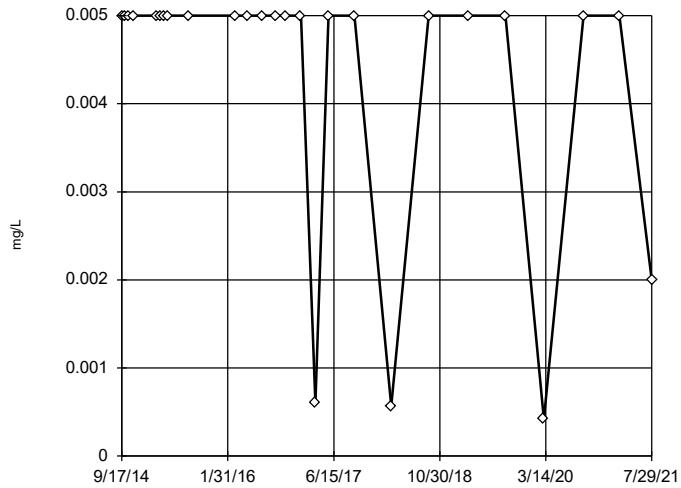


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R

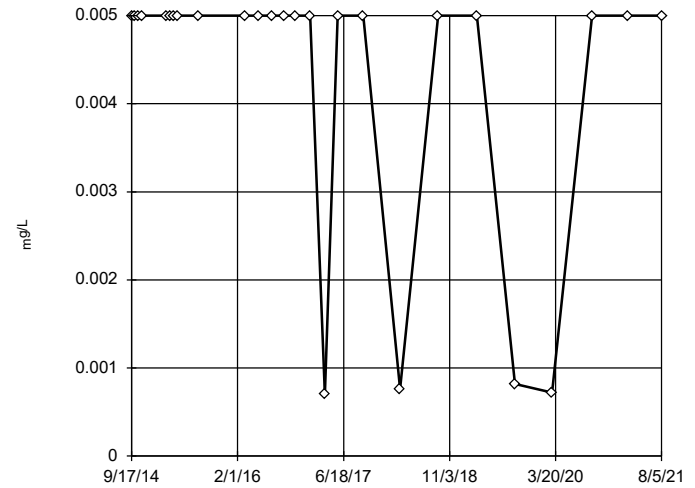


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

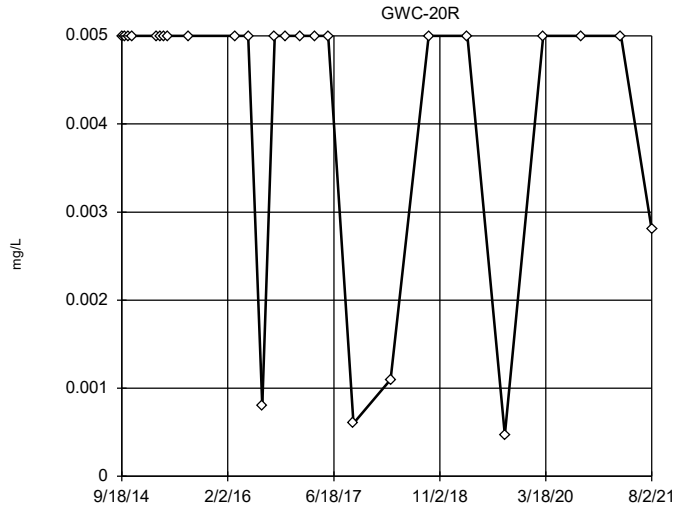
GWC-19R



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

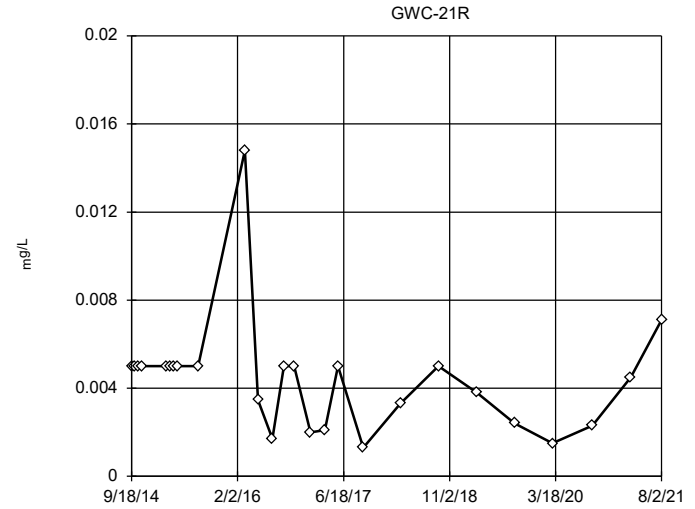
Tukey's Outlier Screening



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

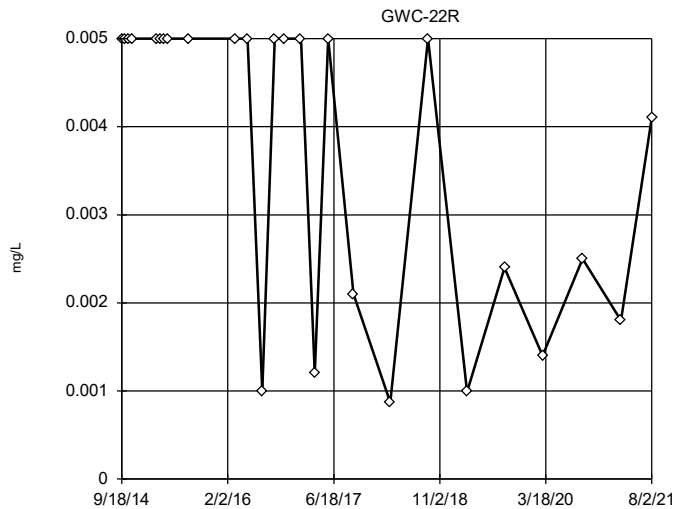
Tukey's Outlier Screening



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.04819, low cutoff = 0.0002438, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

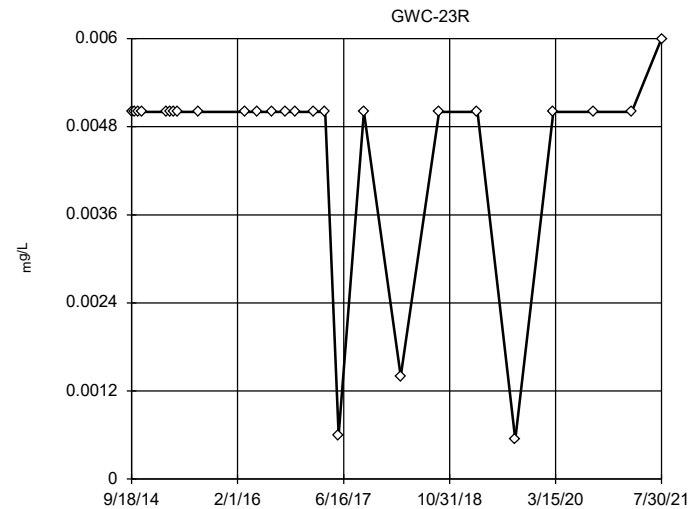
Tukey's Outlier Screening



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.02963, low cutoff = -0.000002509, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

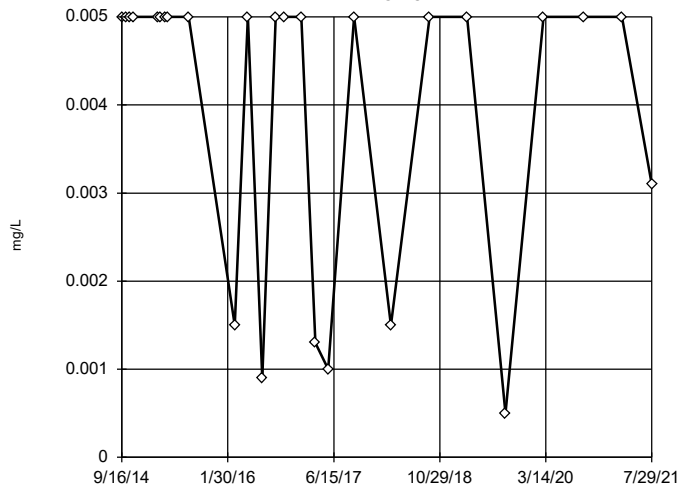


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:47 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-24R

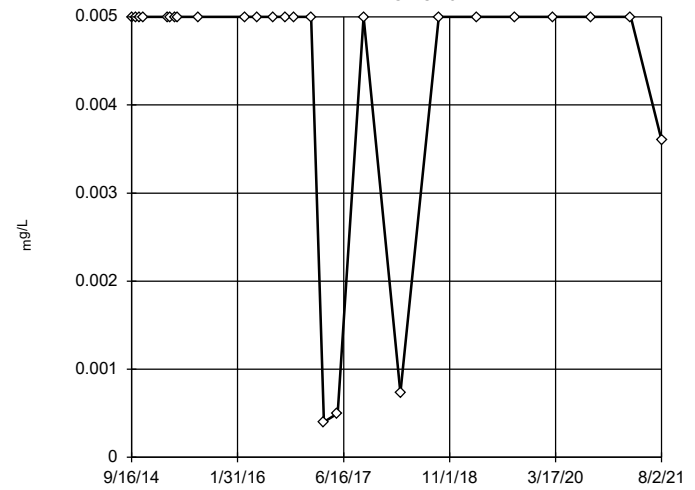


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.06233,
 low cutoff = 0.000173,
 based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-25R

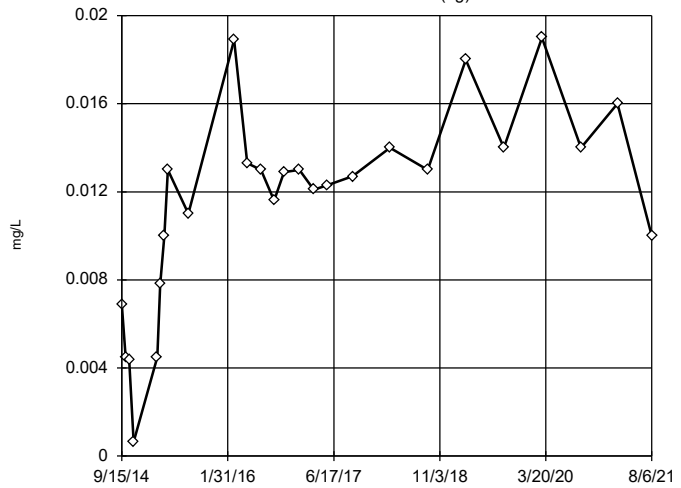


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x⁴ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36 (bg)

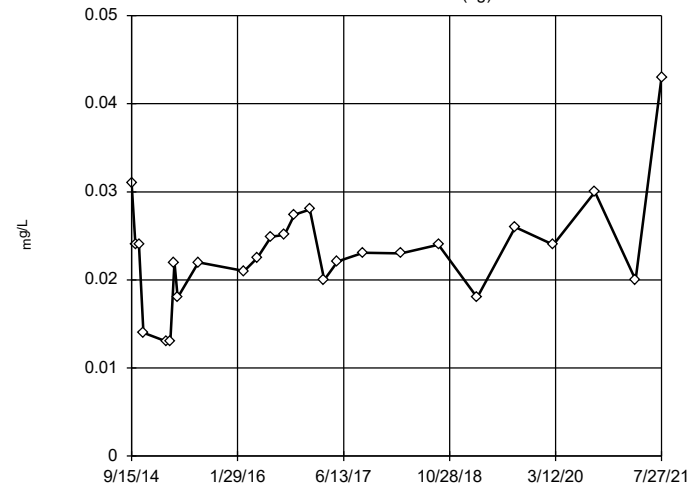


n = 26
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality, analysis run on raw data.
 High cutoff = 0.0293,
 low cutoff = -0.0064,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

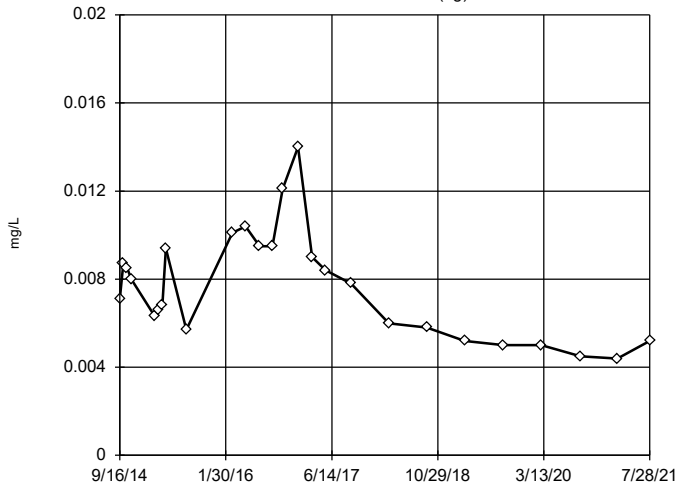
GWA-36RA (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.04813,
 low cutoff = 0.008268,
 based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

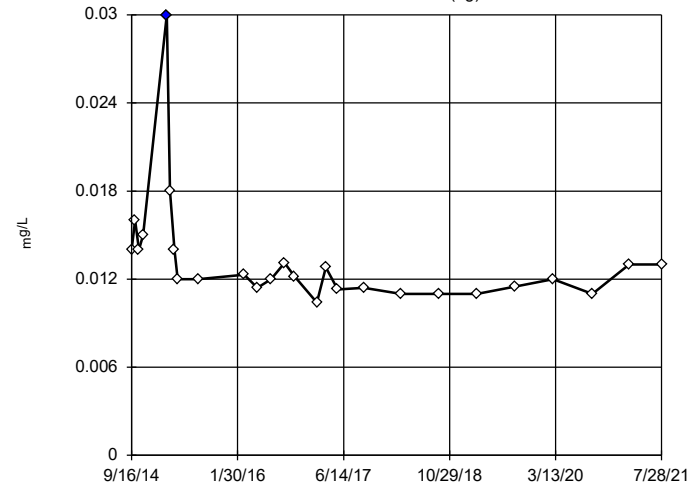
Tukey's Outlier Screening GWA-37 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.04942, low cutoff = 0.001041, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

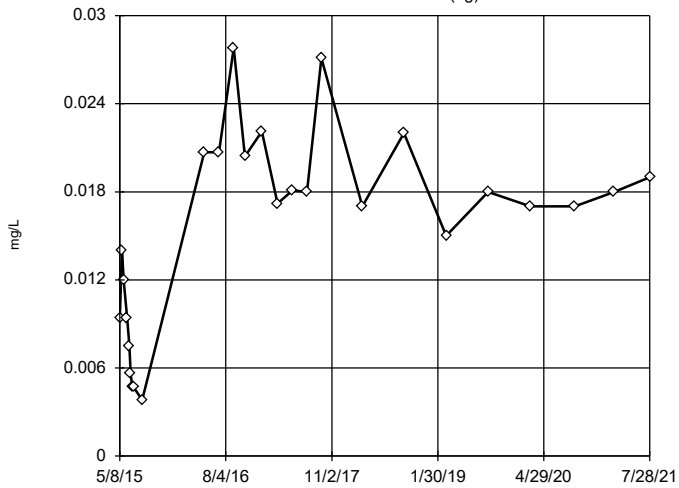
Tukey's Outlier Screening GWA-38 (bg)



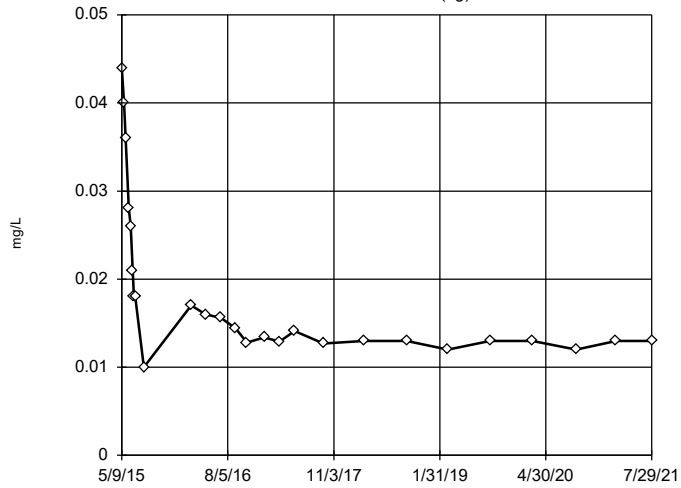
n = 26
 Outlier is drawn as solid. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.02627, low cutoff = 0.006048, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-51RZ (bg)



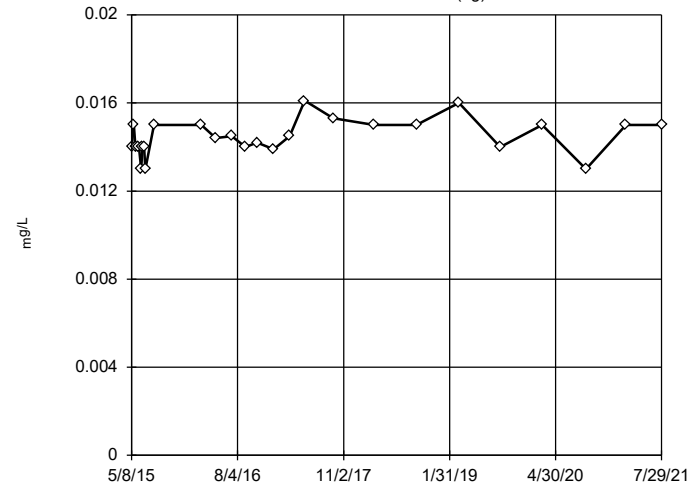
Tukey's Outlier Screening
GWA-53 (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.06579,
low cutoff = 0.003827,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

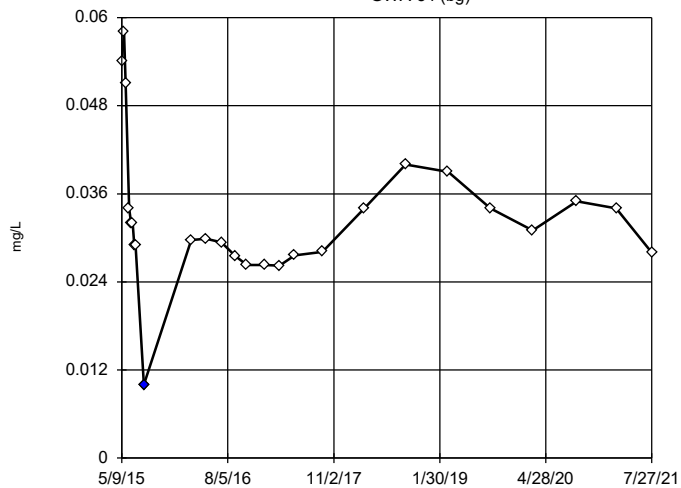
Tukey's Outlier Screening
GWA-53R (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were square transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.01766,
low cutoff = 0.01044,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

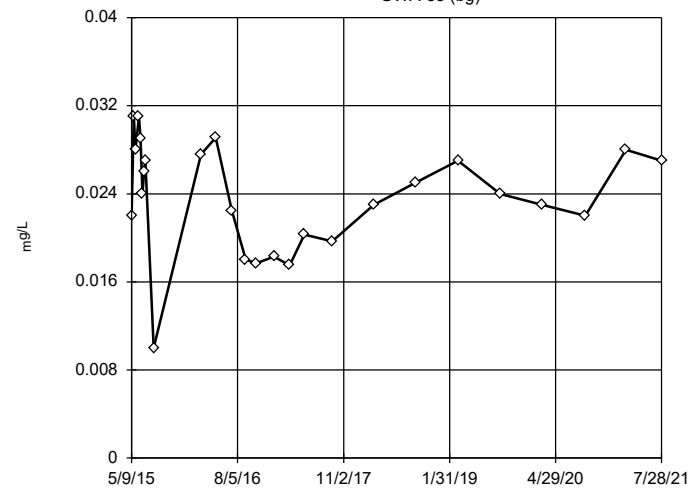
Tukey's Outlier Screening
GWA-54 (bg)



n = 26
Outlier is drawn as solid.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.05893,
low cutoff = 0.01204,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

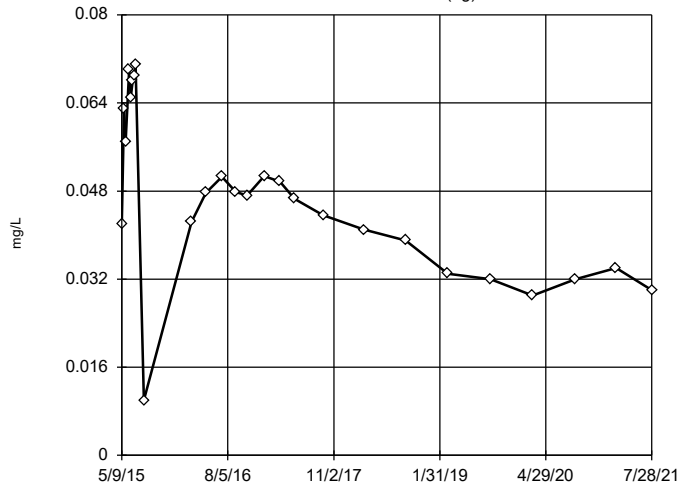
Tukey's Outlier Screening
GWA-55 (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were square transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.04349,
low cutoff = -0.0268,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

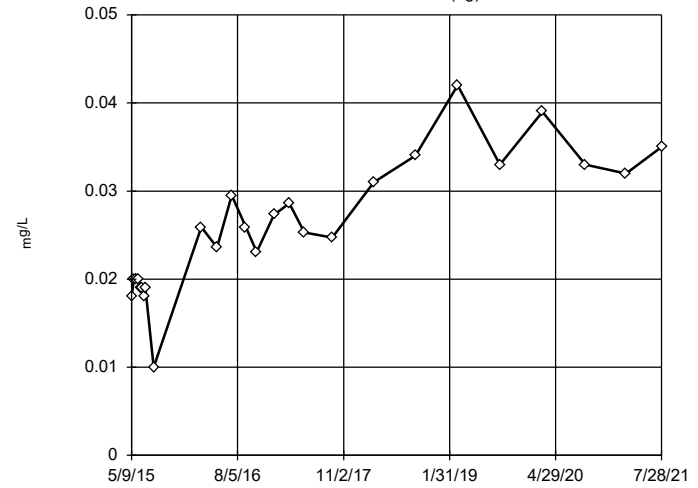
Tukey's Outlier Screening
GWA-55R (bg)



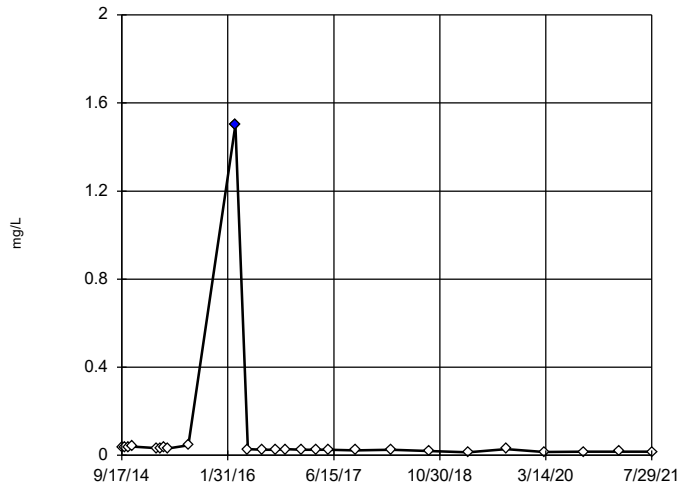
n = 26
No outliers found. Tukey's method selected by user.
Ladder of Powers transformations did not improve normality; analysis run on raw data.
High cutoff = 0.1395, low cutoff = -0.046, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWA-56 (bg)



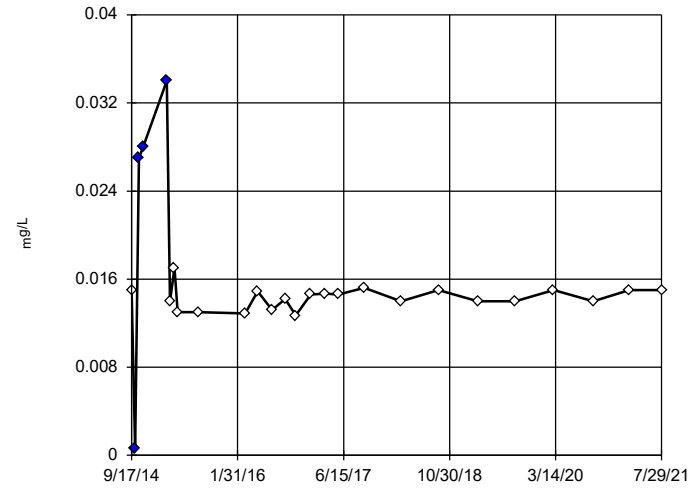
Tukey's Outlier Screening GWC-18



n = 26
 Outlier is drawn as solid. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.1571, low cutoff = 0.004571, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

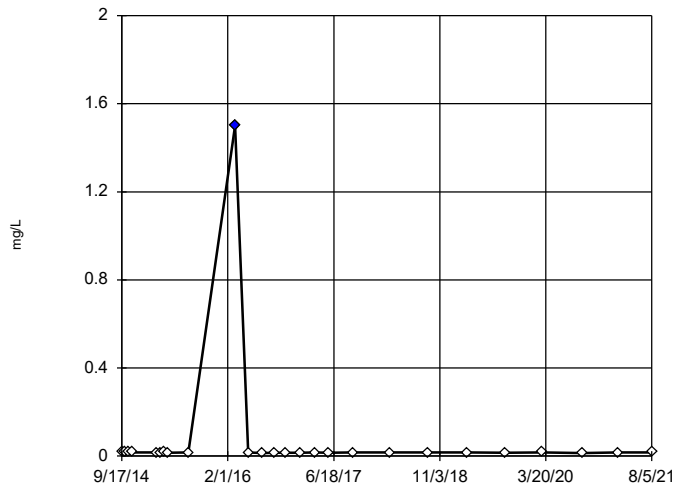
Tukey's Outlier Screening GWC-18R



n = 26
 Outliers are drawn as solid. Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 0.0192, low cutoff = 0.0094, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

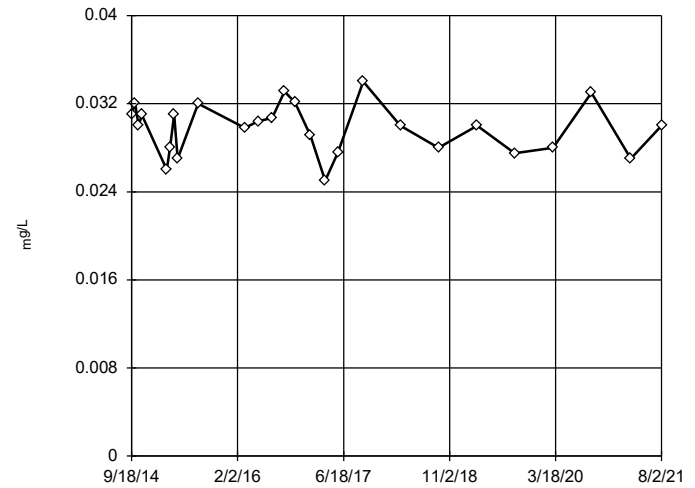
Tukey's Outlier Screening GWC-19R



n = 26
 Outlier is drawn as solid. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.02475, low cutoff = 0.0103, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

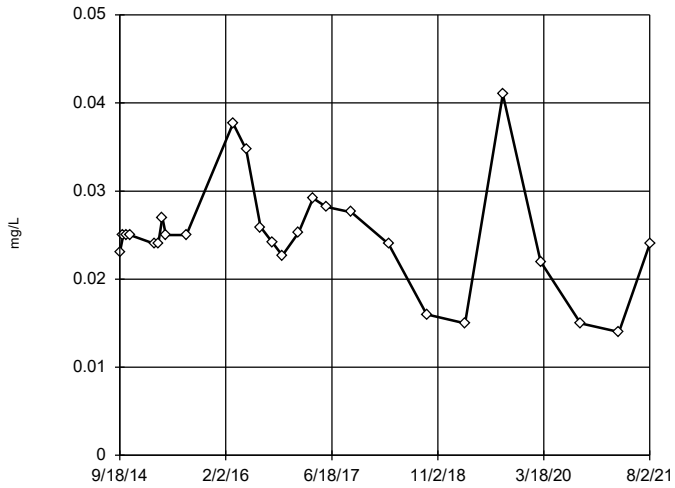
Tukey's Outlier Screening GWC-20R



n = 26
 No outliers found. Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.04064, low cutoff = 0.01068, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

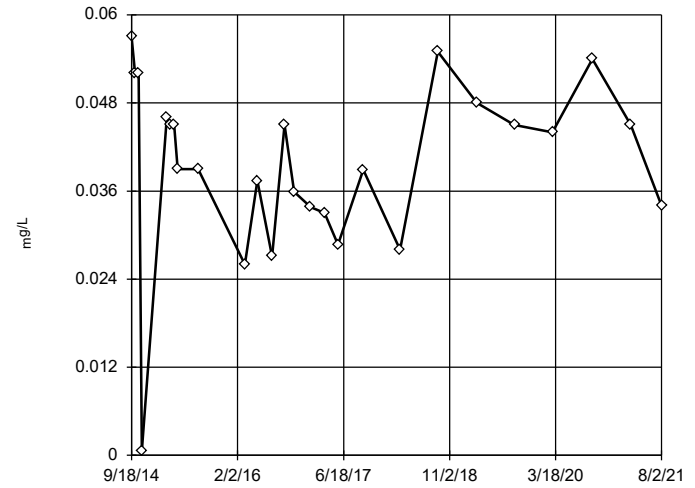
Tukey's Outlier Screening
GWC-21R



n = 26
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.04302, low cutoff = 0.01187, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

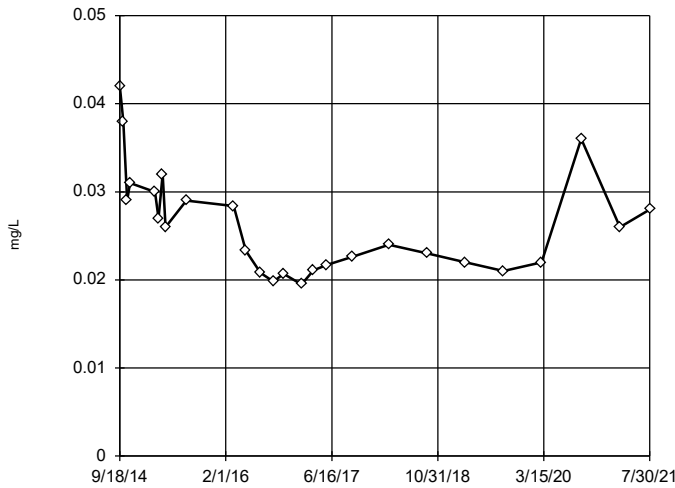
Tukey's Outlier Screening
GWC-22R



n = 26
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.07411, low cutoff = -0.04655, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

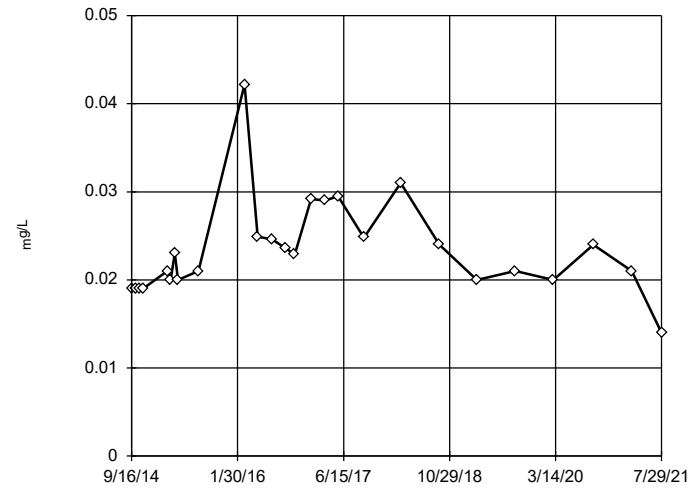
Tukey's Outlier Screening
GWC-23R



n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.07725, low cutoff = 0.00817, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWC-24R

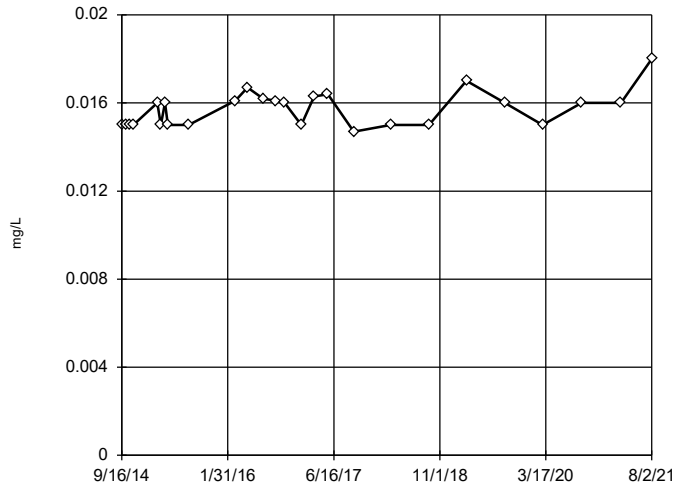


n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.04767, low cutoff = 0.01043, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-25R

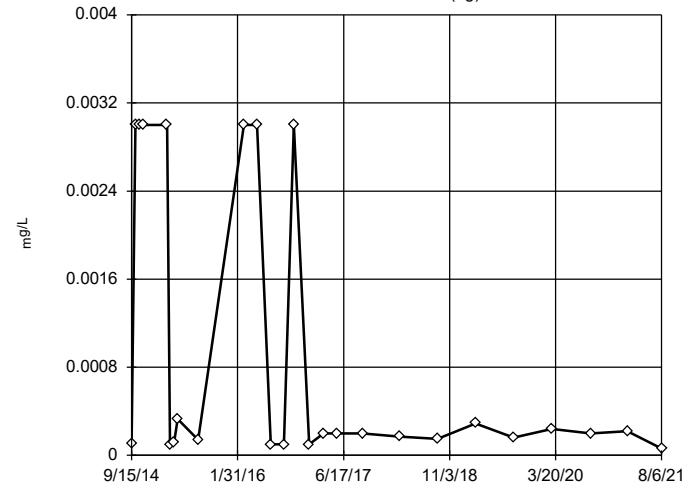


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.02016, low cutoff = 0.01202, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36 (bg)

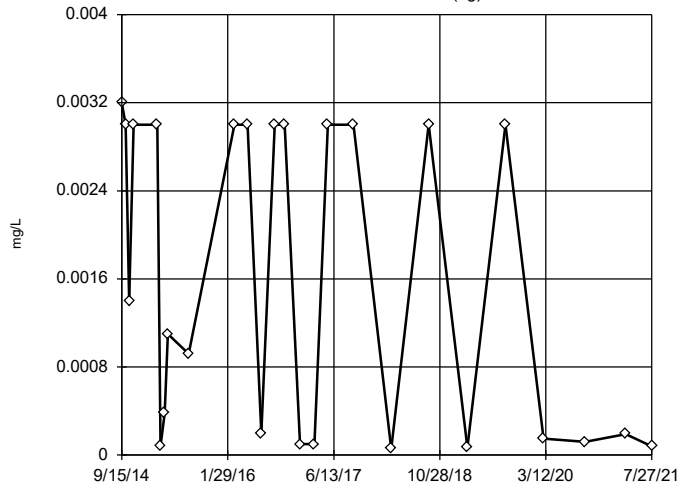


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 53.41, low cutoff = 6.5e-9, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36RA (bg)

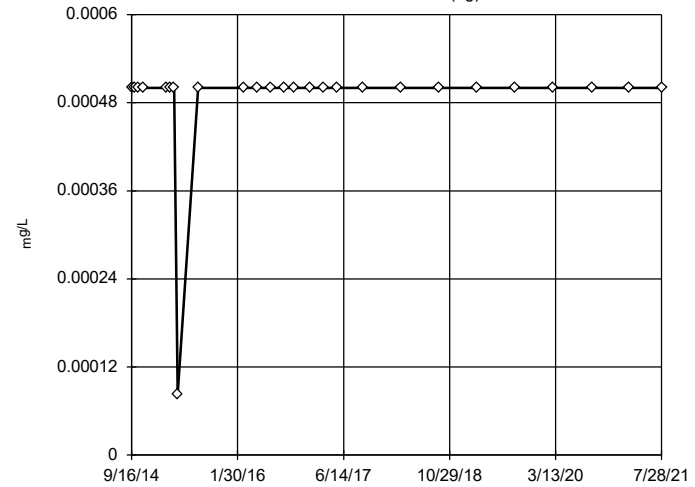


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 61.62, low cutoff = 5.3e-9, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

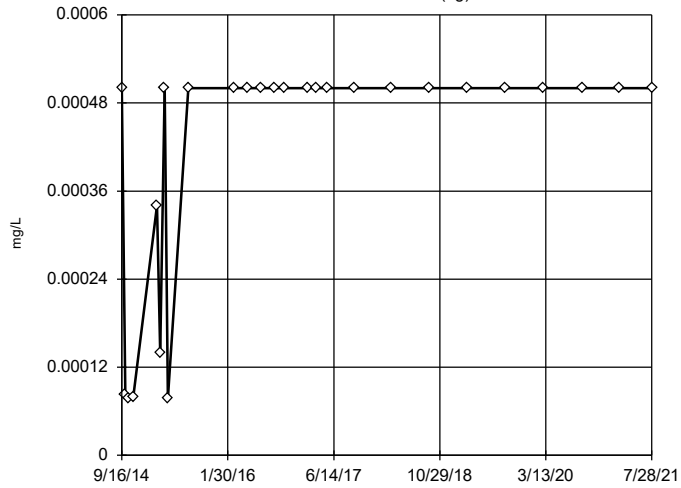
GWA-37 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

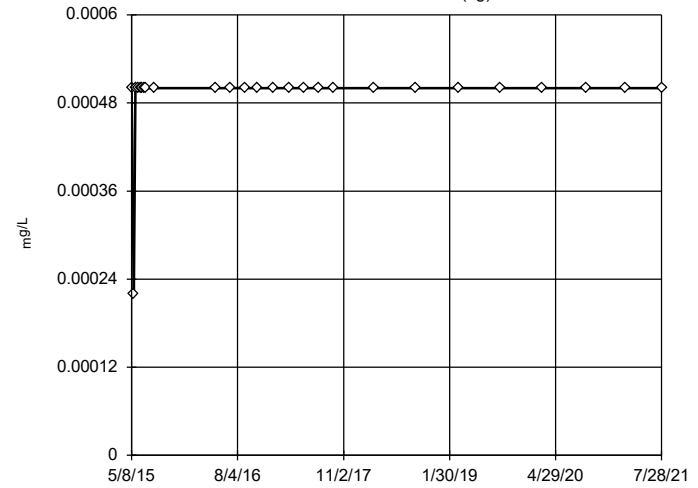
Tukey's Outlier Screening GWA-38 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.000672, low cutoff = -0.0001371, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

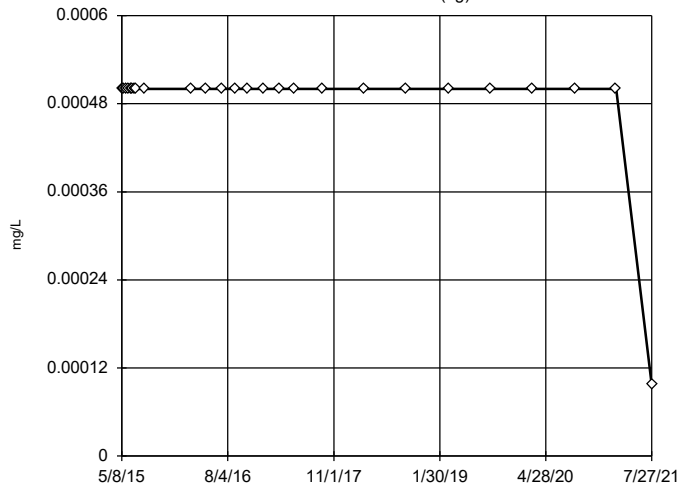
Tukey's Outlier Screening GWA-51RZ (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

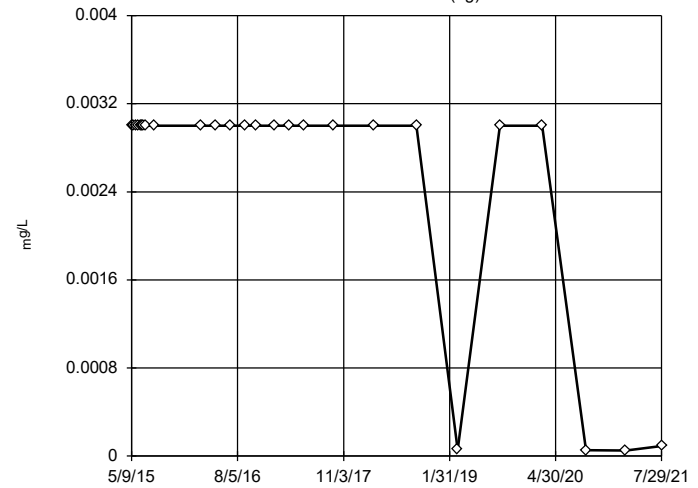
Tukey's Outlier Screening GWA-52 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-53 (bg)

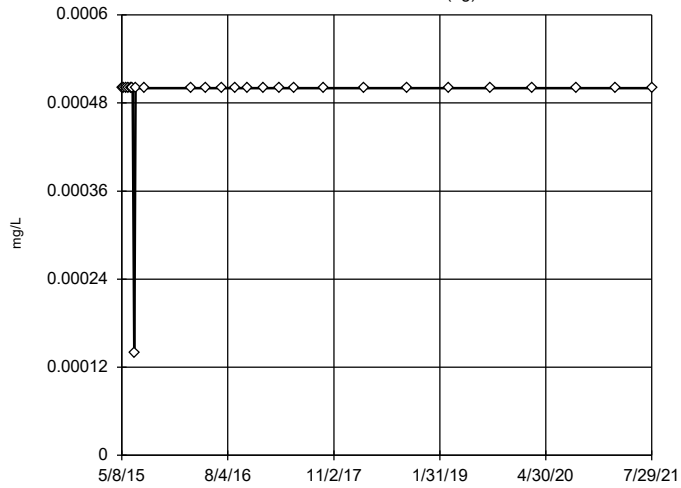


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-53R (bg)

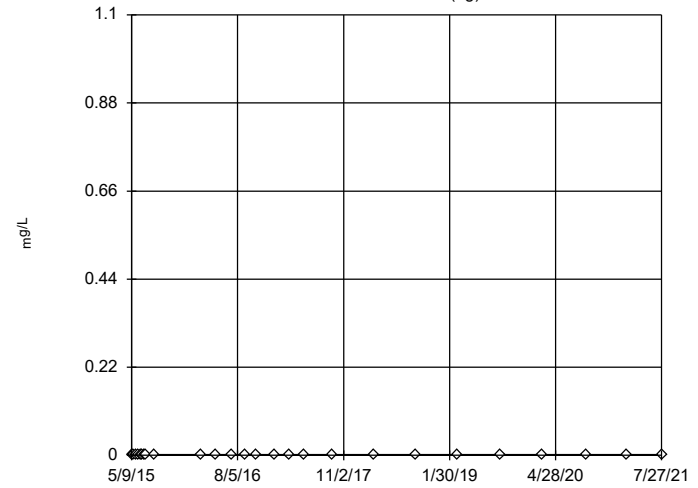


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-54 (bg)

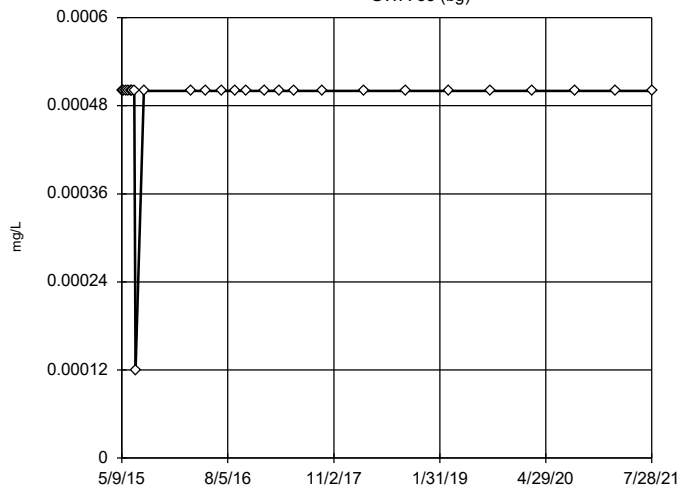


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55 (bg)

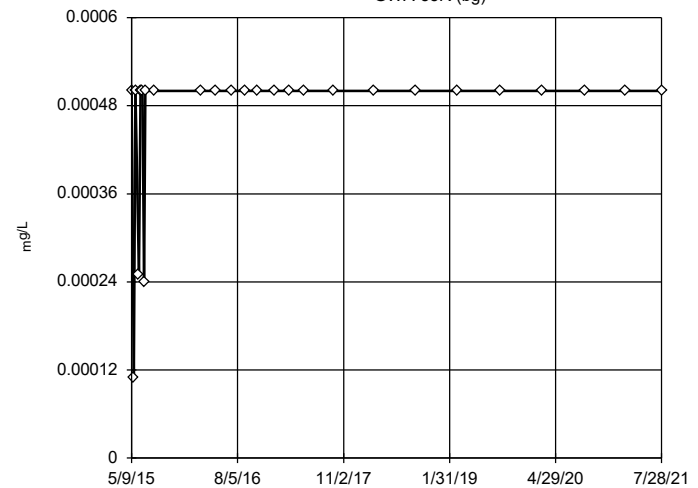


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

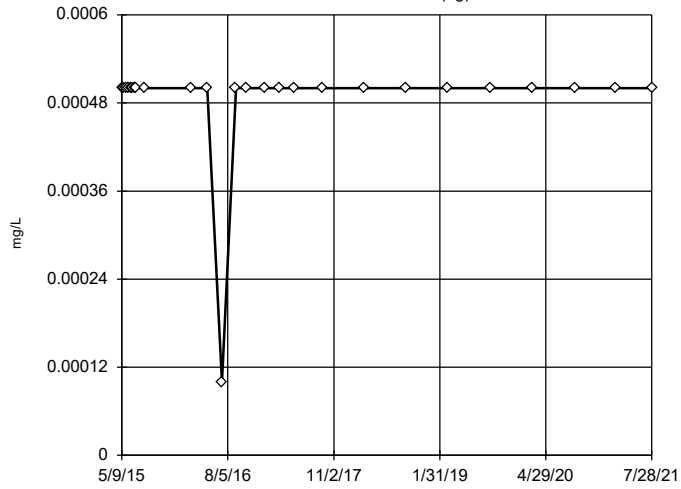
GWA-55R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

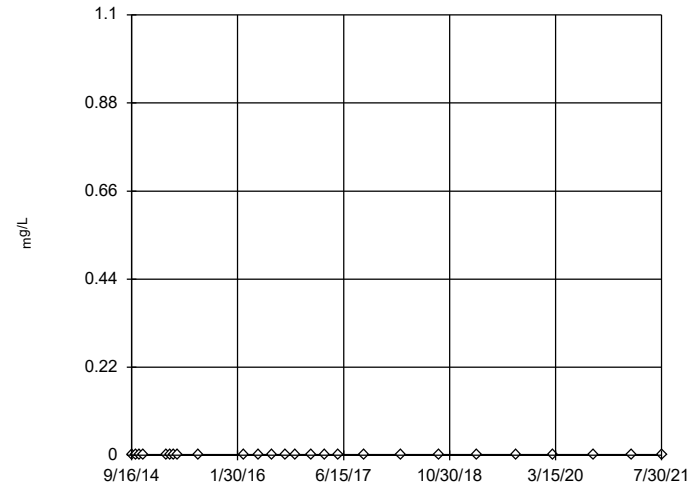
Tukey's Outlier Screening GWA-56 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

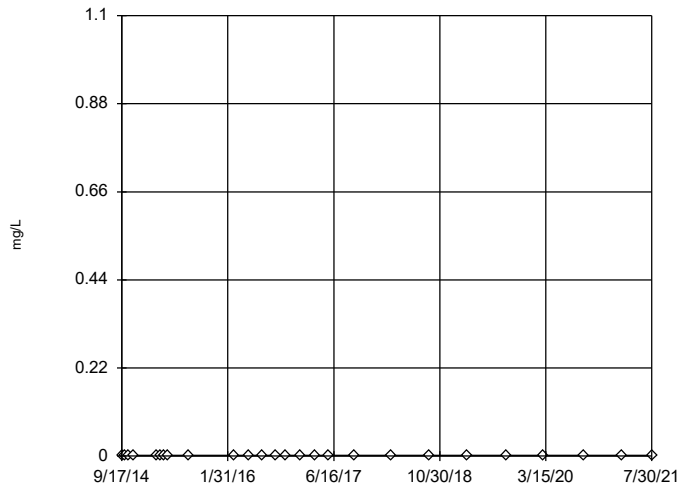
Tukey's Outlier Screening GWC-16R



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

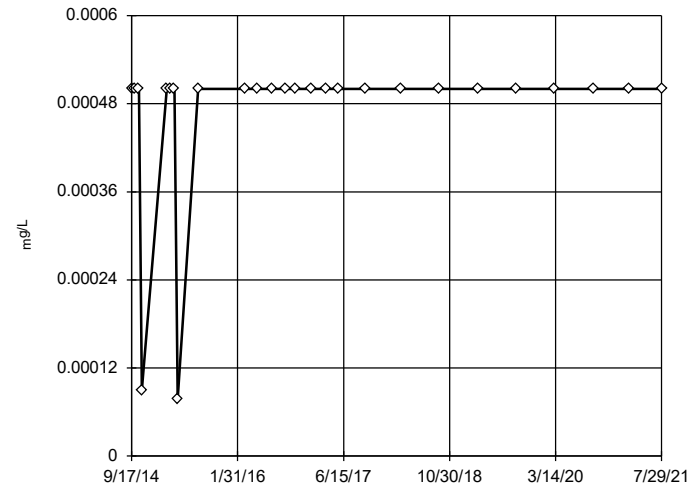
Tukey's Outlier Screening GWC-17R



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWC-18

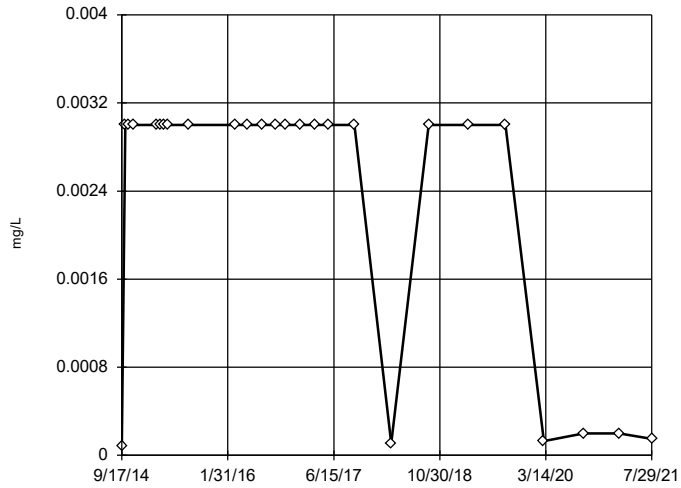


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R

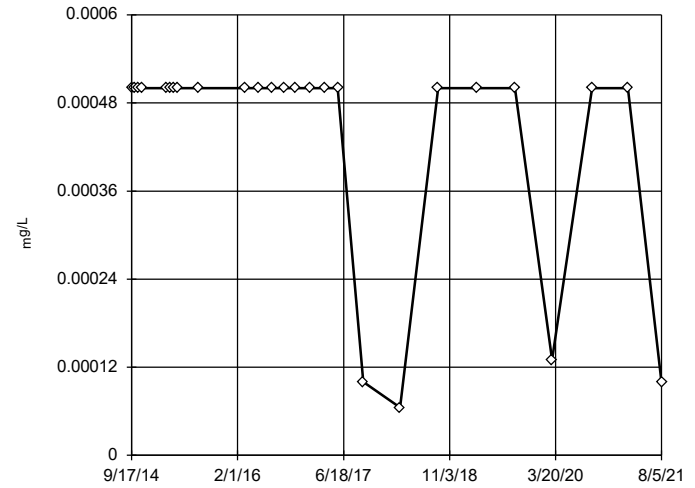


n = 26
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.1743, low cutoff = 0.00001333, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R

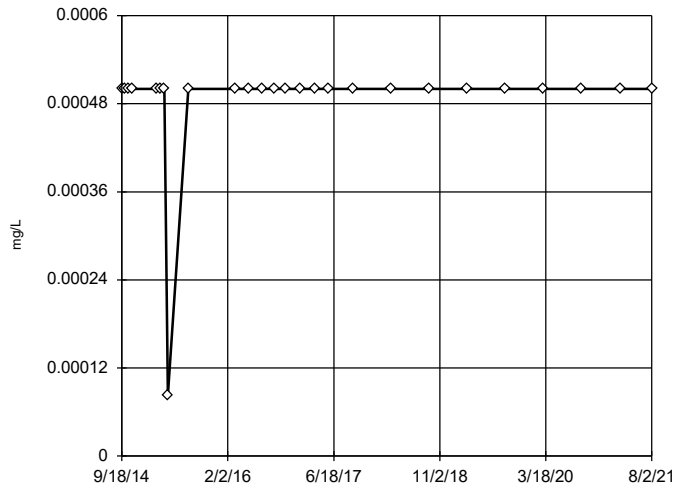


n = 26
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R

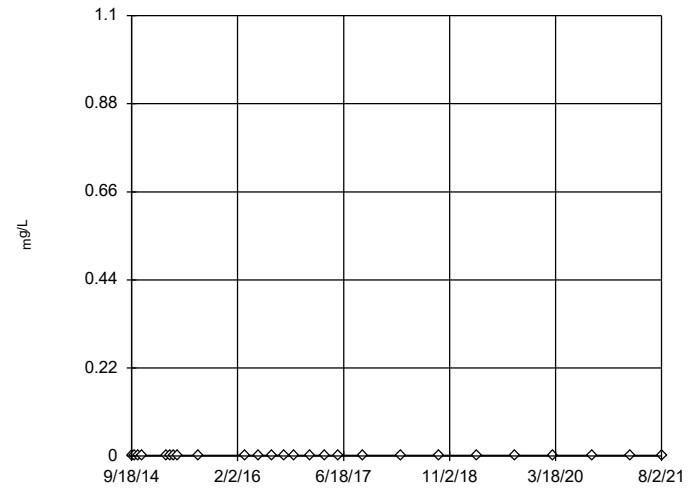


n = 26
 No outliers found. Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

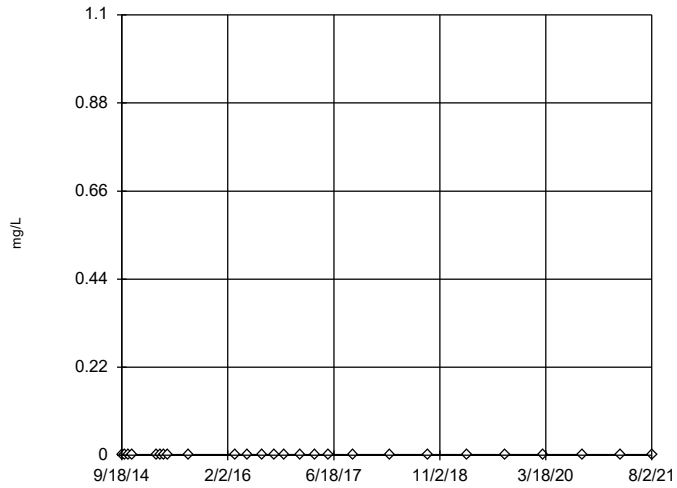


n = 26
 No outliers found. Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R

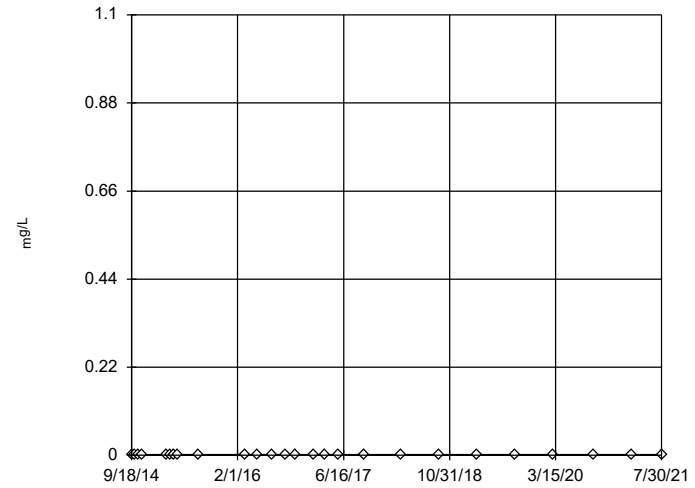


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R

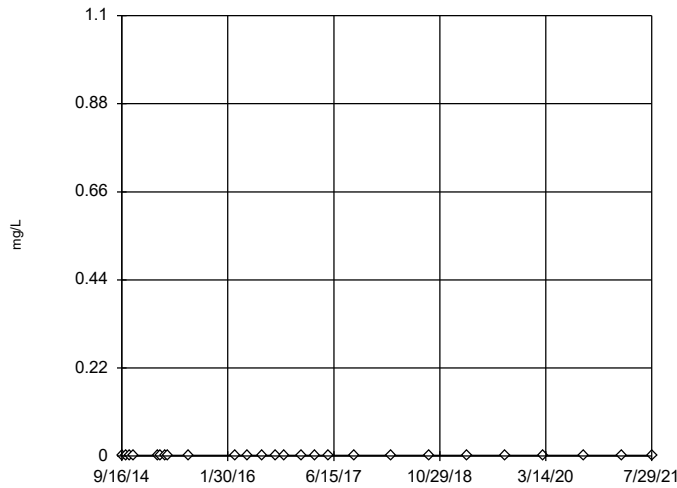


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-24R

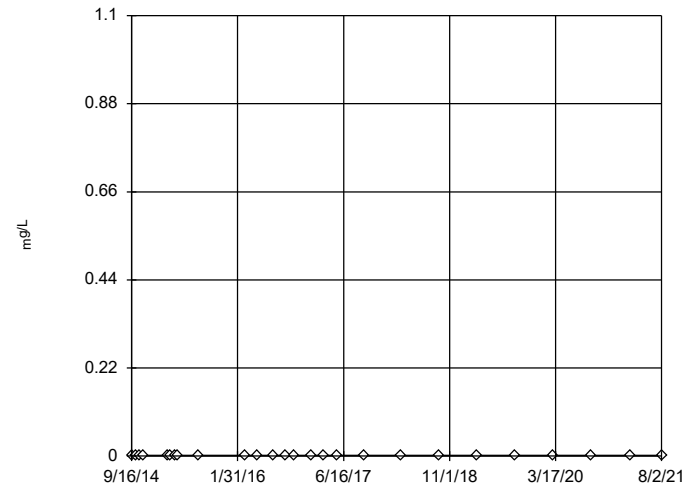


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

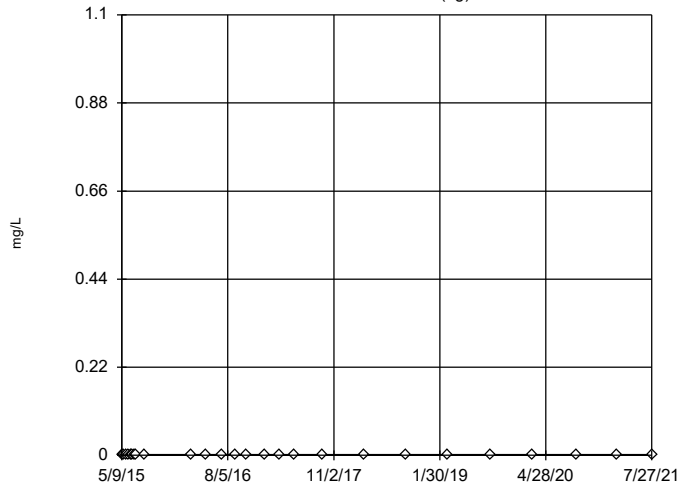
GWC-25R



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

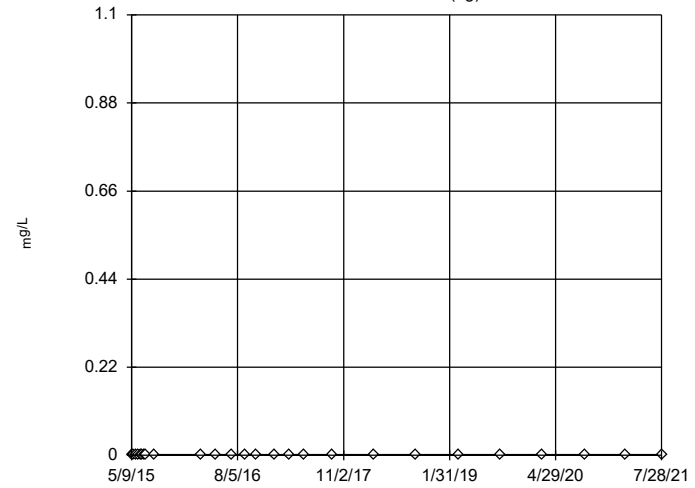
Tukey's Outlier Screening GWA-54 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

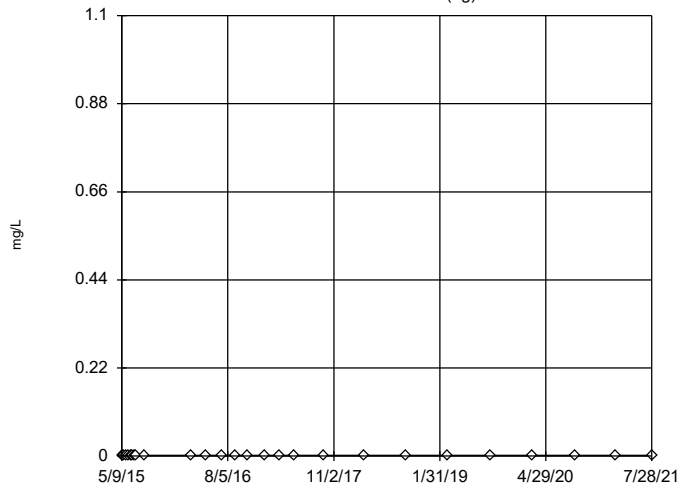
Tukey's Outlier Screening GWA-55 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

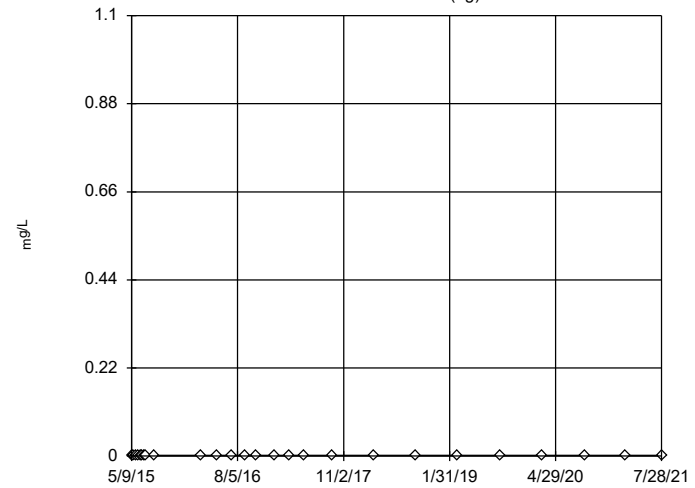
Tukey's Outlier Screening GWA-55R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-56 (bg)

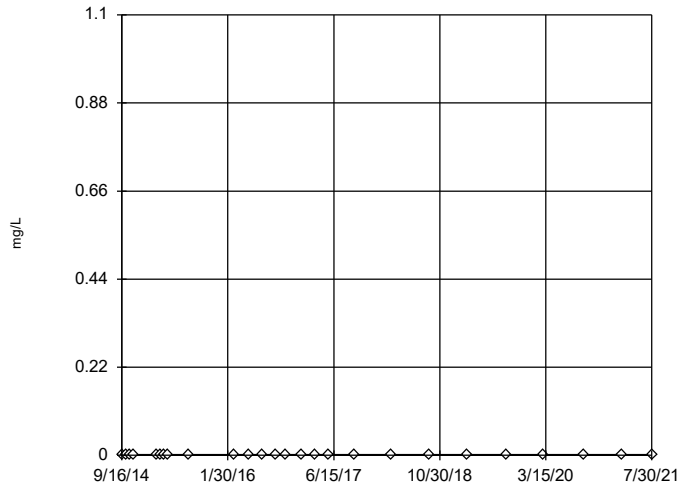


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:48 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R

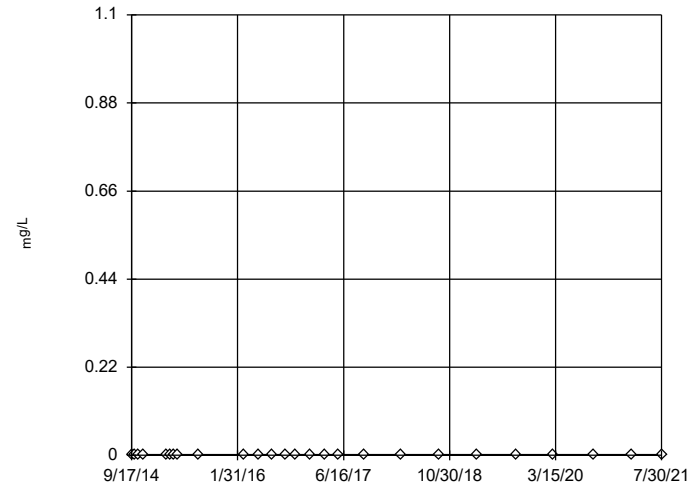


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R

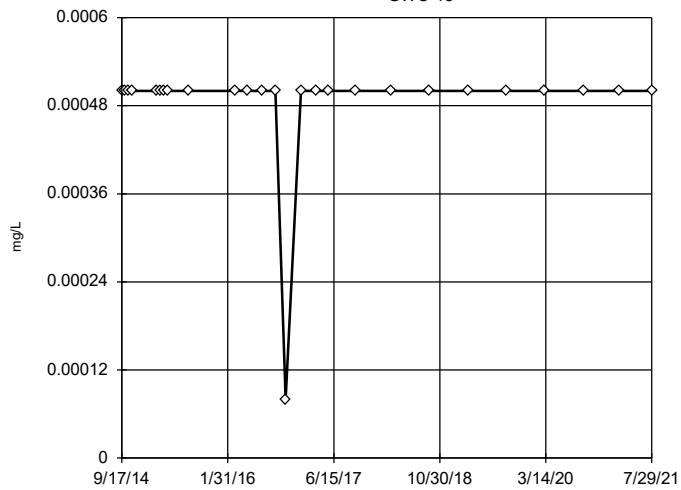


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18

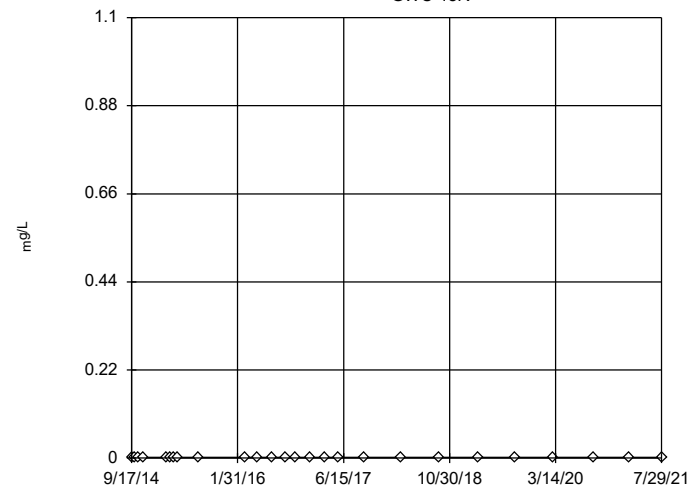


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x*5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R

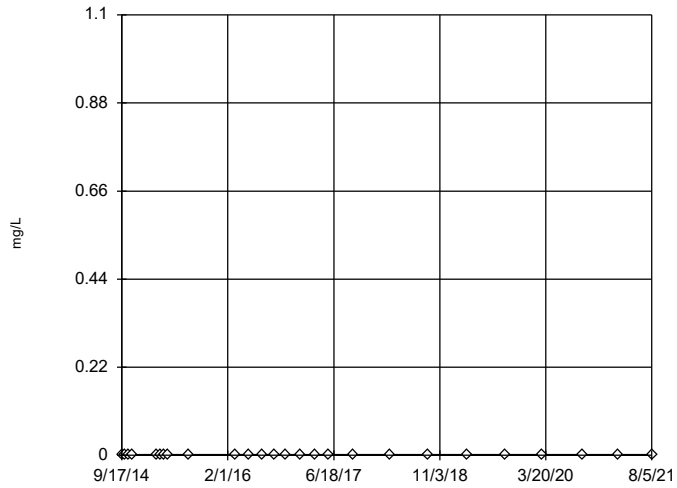


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R

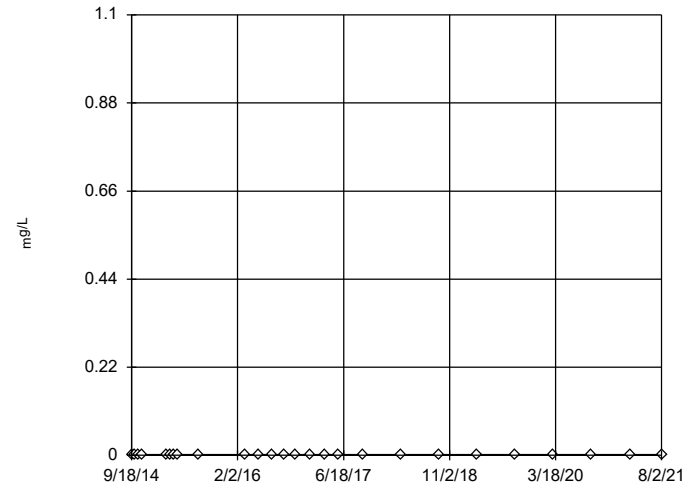


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R

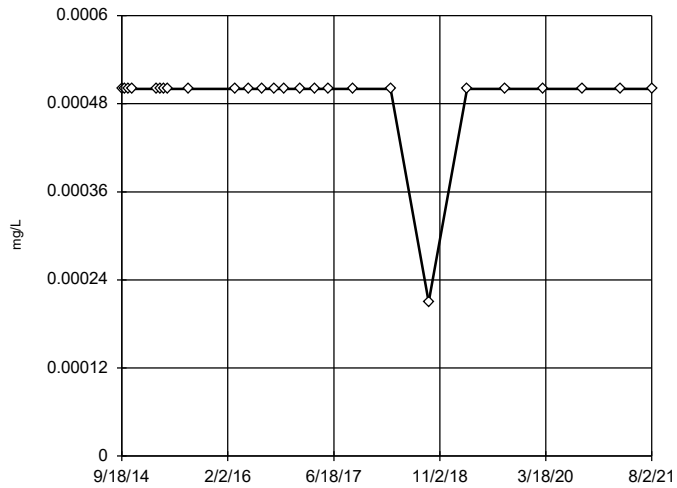


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

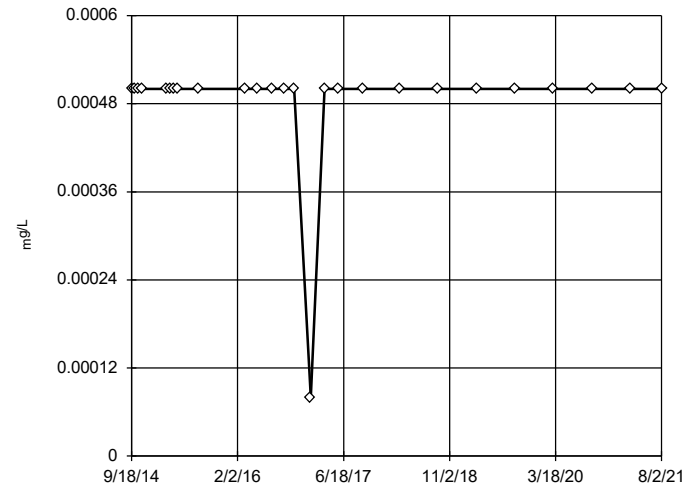


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x*4 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

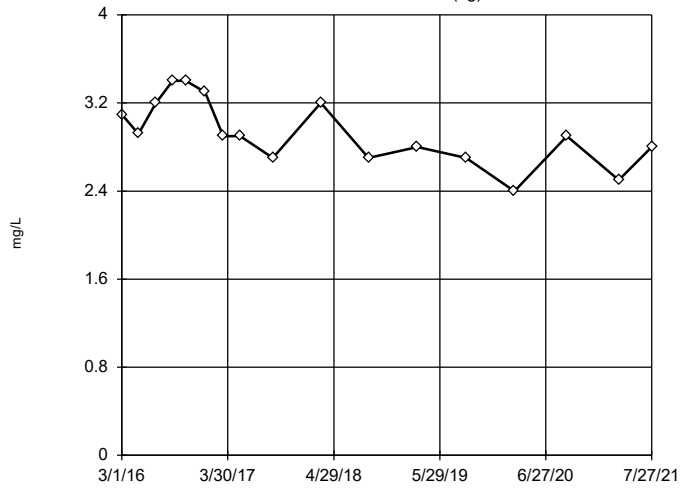
GWC-22R



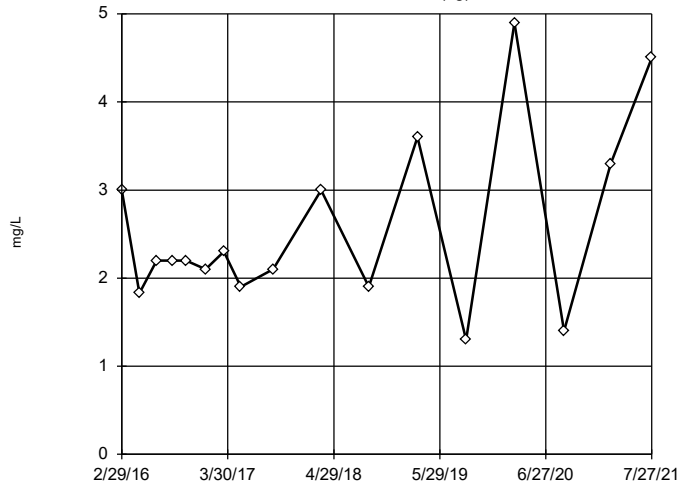
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x*5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWA-36RA (bg)



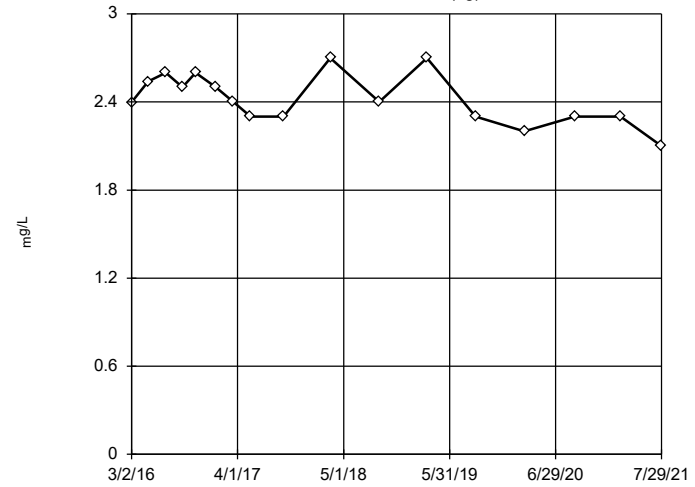
Tukey's Outlier Screening
GWA-52 (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 14.29, low cutoff = 0.4184, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

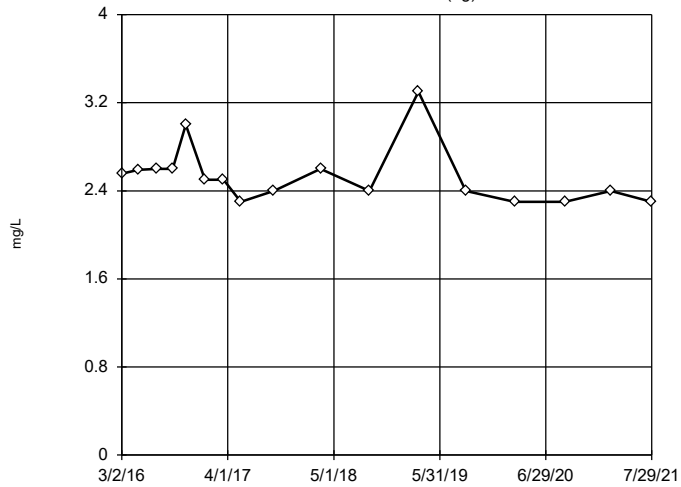
Tukey's Outlier Screening
GWA-53 (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 3.585, low cutoff = 1.649, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

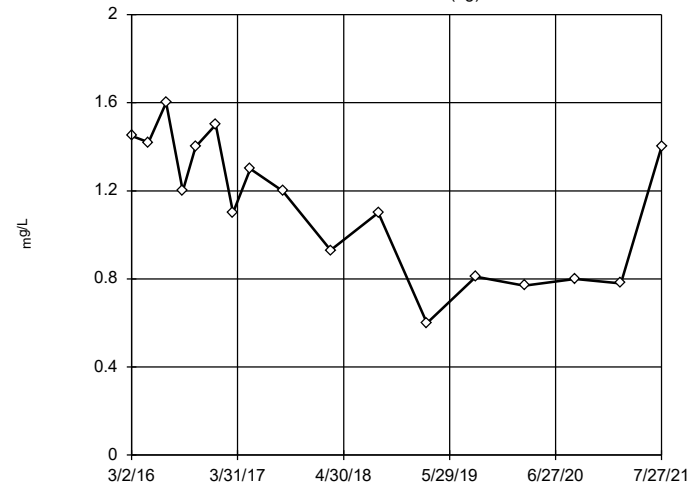
Tukey's Outlier Screening
GWA-53R (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 3.524, low cutoff = 1.734, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

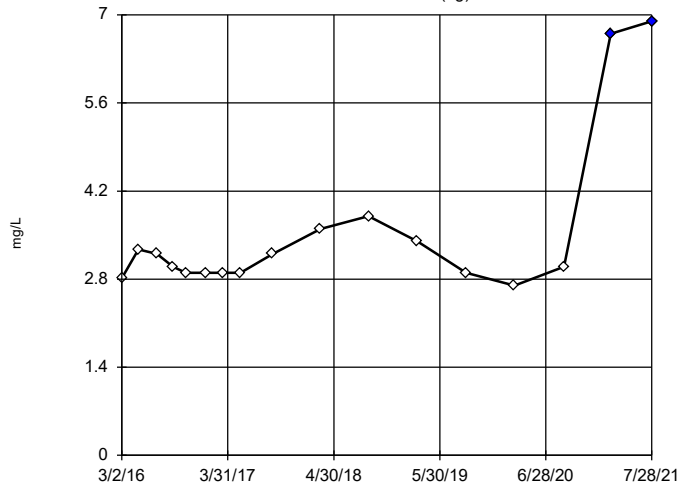
Tukey's Outlier Screening
GWA-54 (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 2.451, low cutoff = -1.836, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

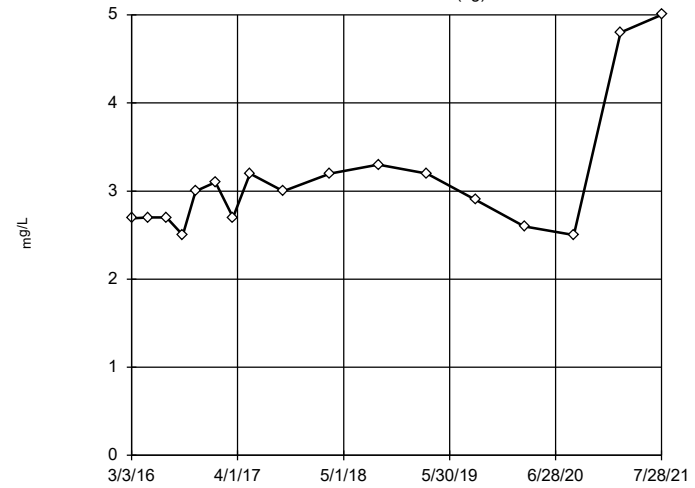
Tukey's Outlier Screening GWA-55 (bg)



n = 17
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 6.143, low cutoff = 1.652, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

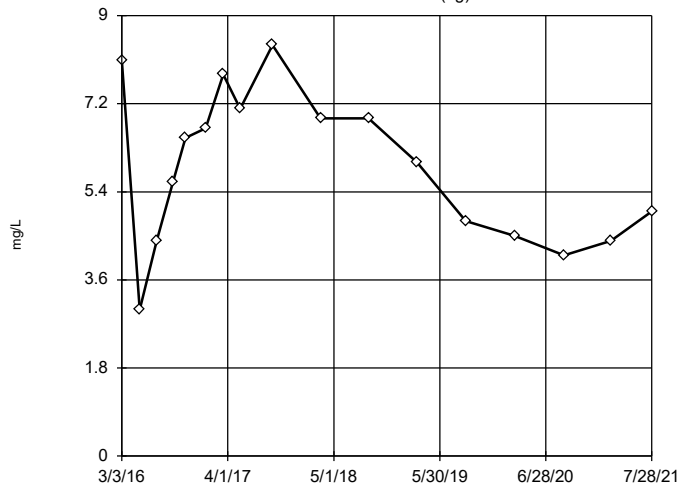
Tukey's Outlier Screening GWA-55R (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 5.353, low cutoff = 1.611, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

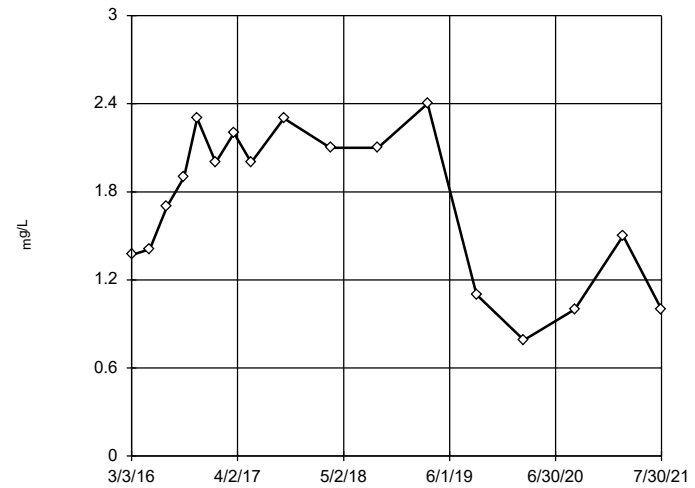
Tukey's Outlier Screening GWA-56 (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 14.65, low cutoff = -3.2, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

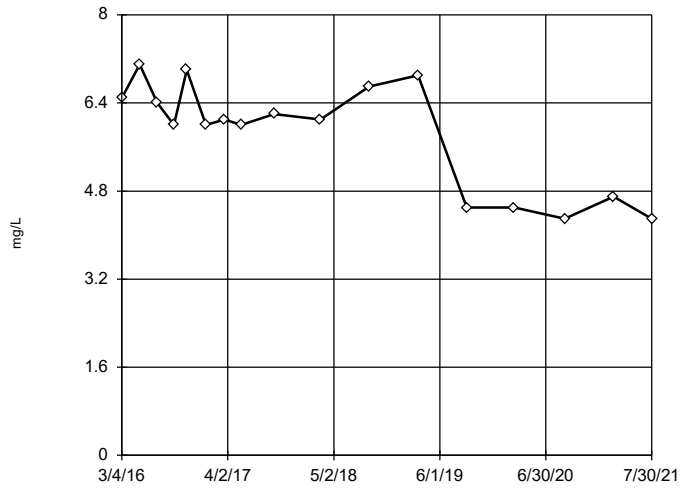
Tukey's Outlier Screening GWC-16R



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 3.724, low cutoff = -2.774, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

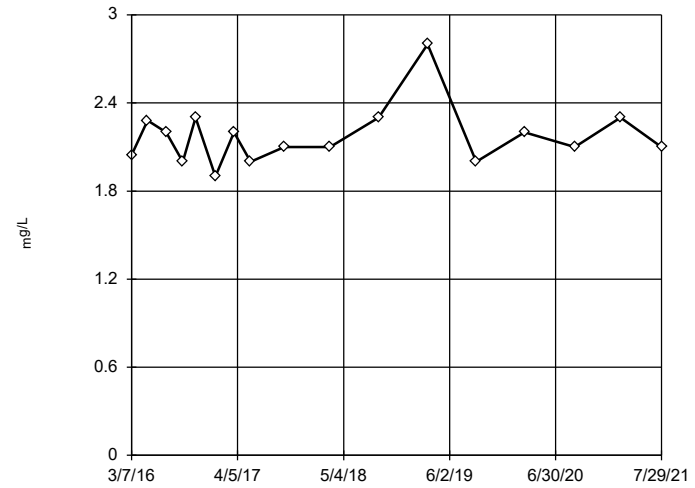
Tukey's Outlier Screening
GWC-17R



n = 17
No outliers found. Tukey's method selected by user.
Data were x⁵ transformed to achieve best W statistic (graph shown in original units).
High cutoff = 8.479, low cutoff = -7.82, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

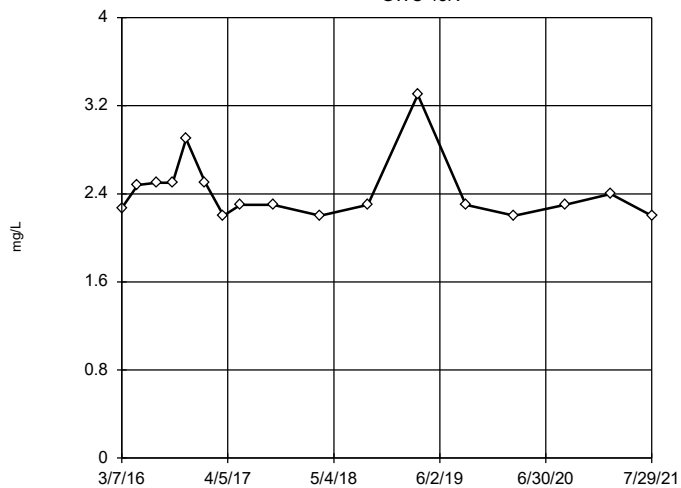
Tukey's Outlier Screening
GWC-18



n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 3.326, low cutoff = 1.392, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

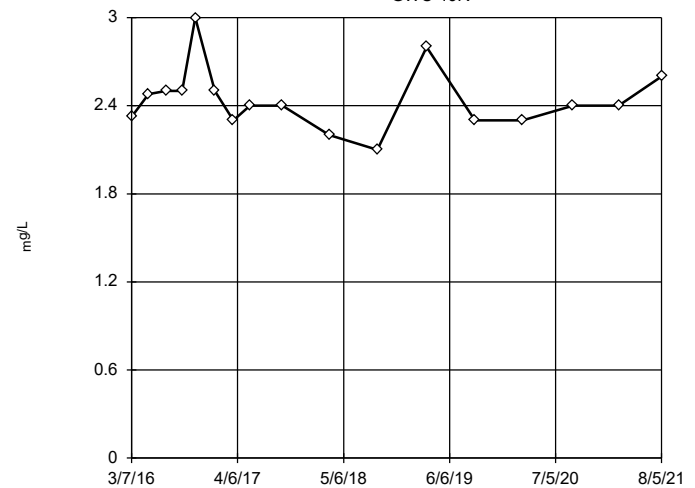
Tukey's Outlier Screening
GWC-18R



n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 3.501, low cutoff = 1.596, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWC-19R

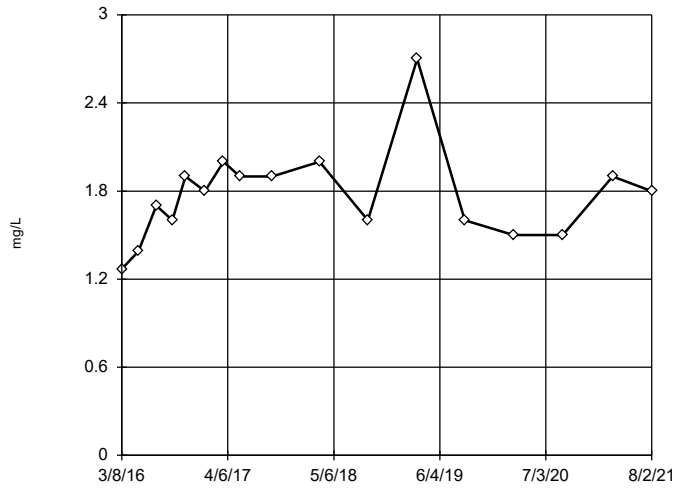


n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 3.211, low cutoff = 1.791, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R



n = 17

No outliers found. Tukey's method selected by user.

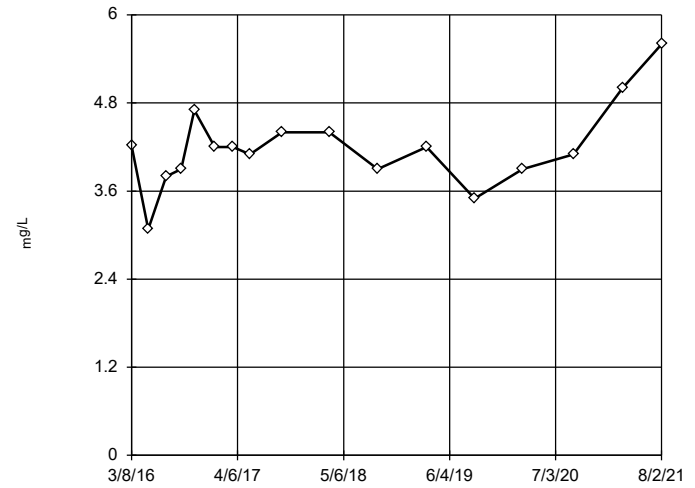
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.505, low cutoff = 0.8398, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R



n = 17

No outliers found. Tukey's method selected by user.

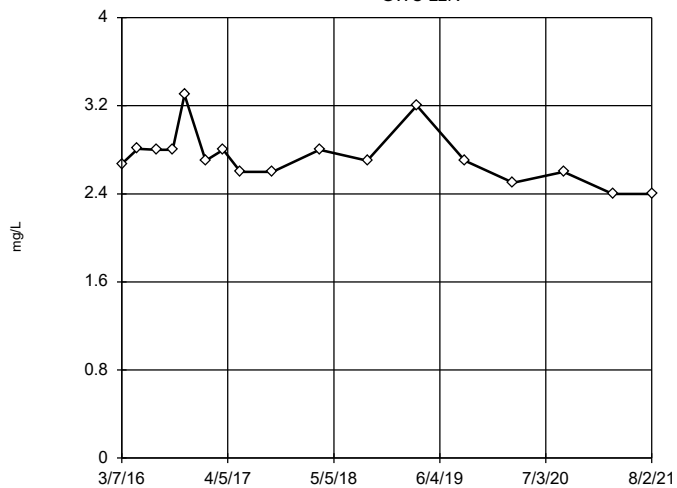
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.319, low cutoff = 2.716, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R



n = 17

No outliers found. Tukey's method selected by user.

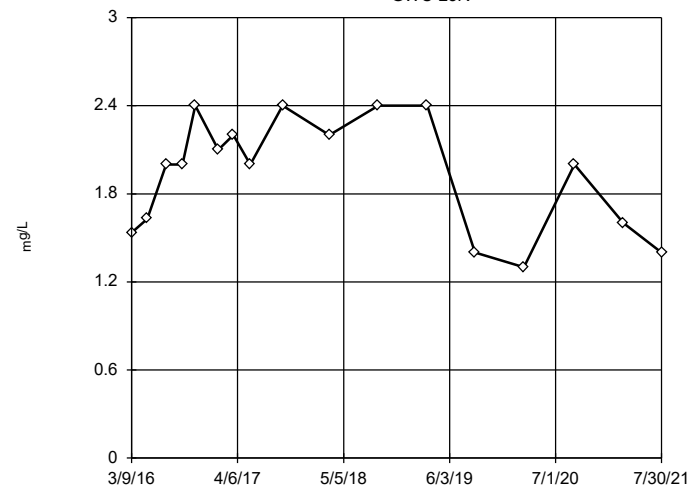
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.497, low cutoff = 2.082, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R



n = 17

No outliers found. Tukey's method selected by user.

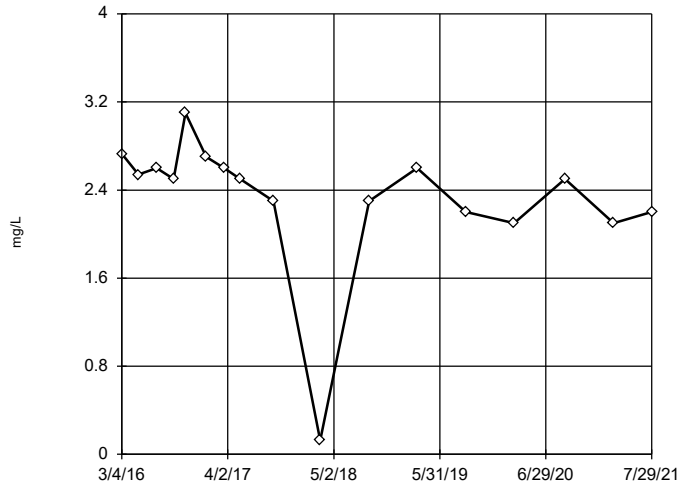
Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.718, low cutoff = -2.463, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-24R

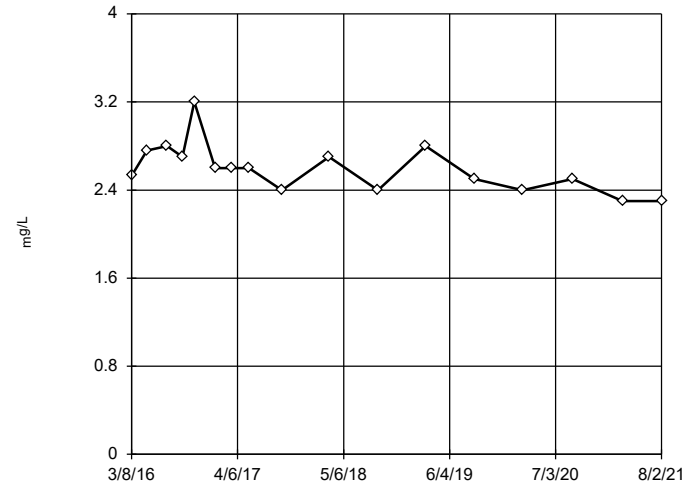


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 3.373, low cutoff = -2.164, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-25R

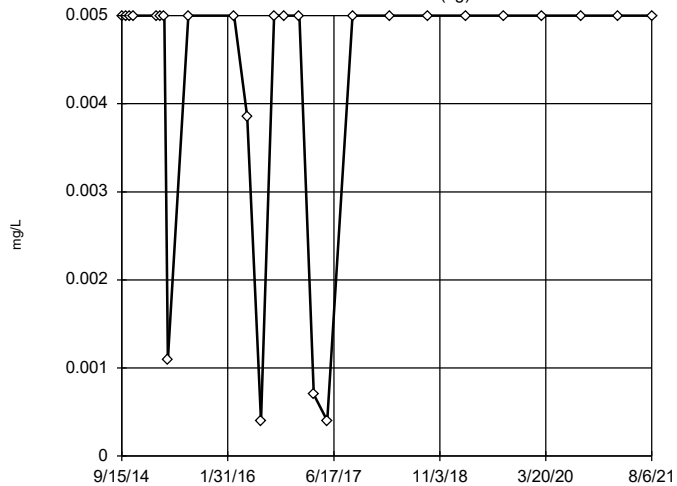


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 4.017, low cutoff = 1.631, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36 (bg)

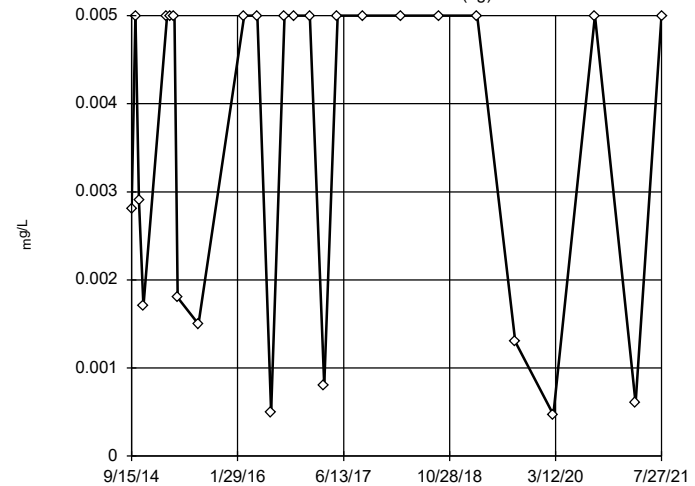


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

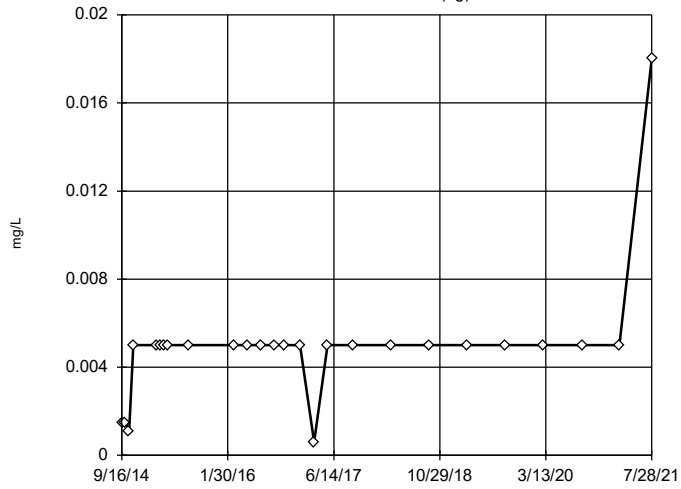
GWA-36RA (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.03701, low cutoff = -0.00009329, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

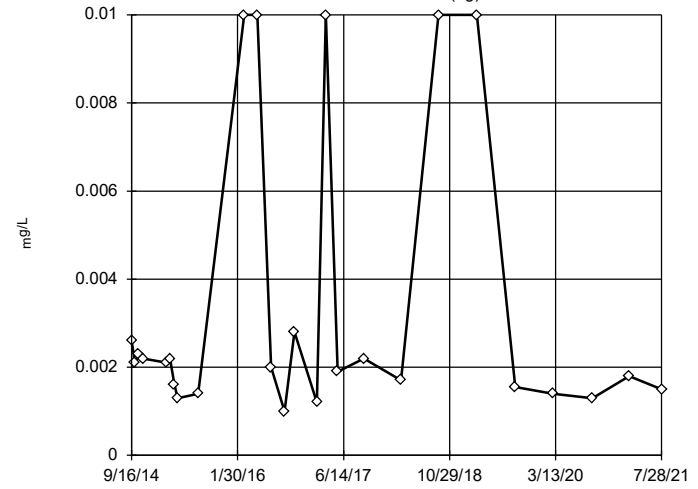
Tukey's Outlier Screening GWA-37 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

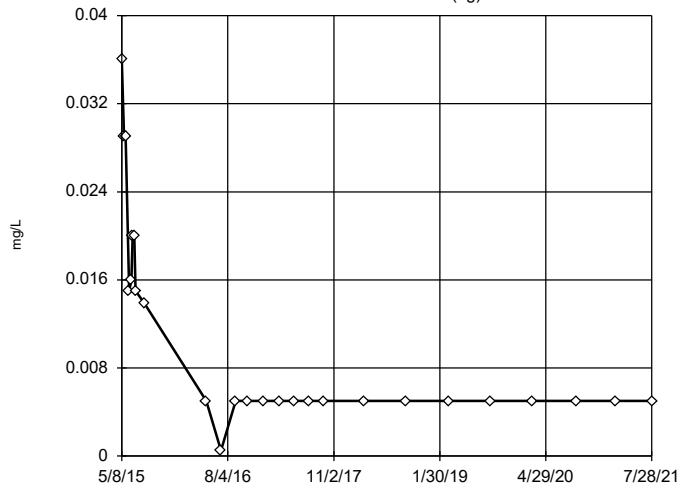
Tukey's Outlier Screening GWA-38 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.01742,
 low cutoff = 0.0002245,
 based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

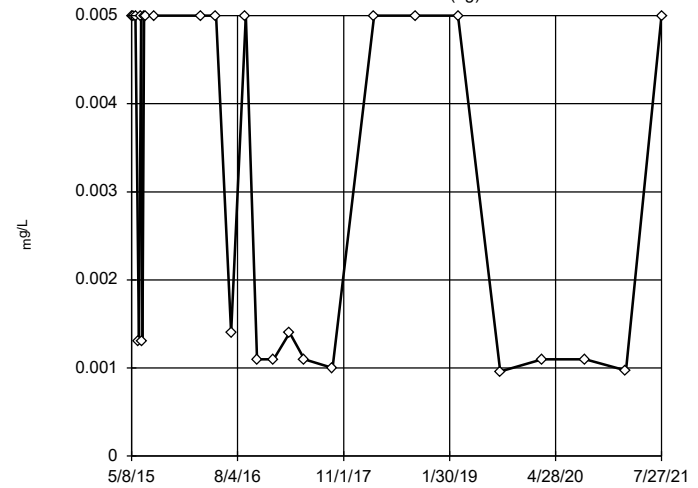
Tukey's Outlier Screening GWA-51RZ (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.1135,
 low cutoff = -0.0002611,
 based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-52 (bg)

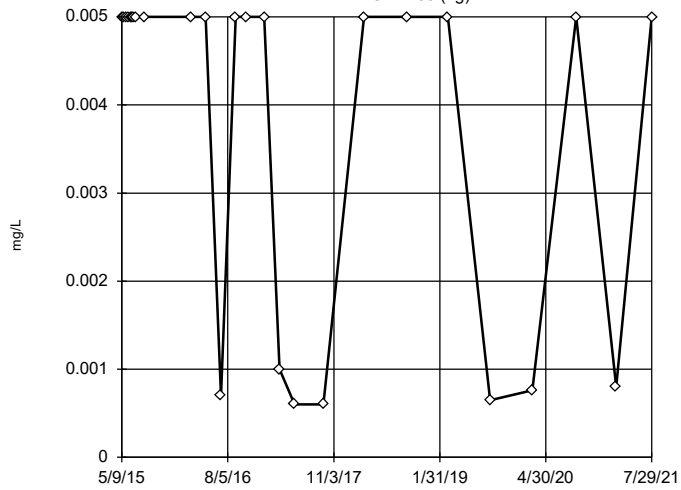


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.4696,
 low cutoff = 0.00001171,
 based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-53 (bg)



n = 26

No outliers found. Tukey's method selected by user.

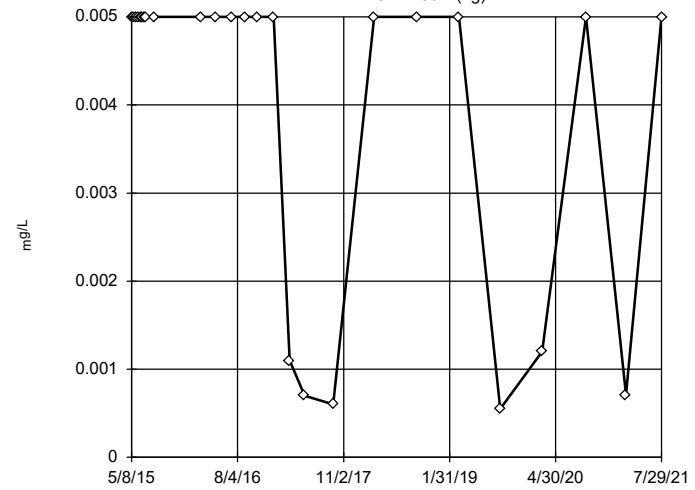
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.8735, low cutoff = 0.00000512, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-53R (bg)



n = 26

No outliers found. Tukey's method selected by user.

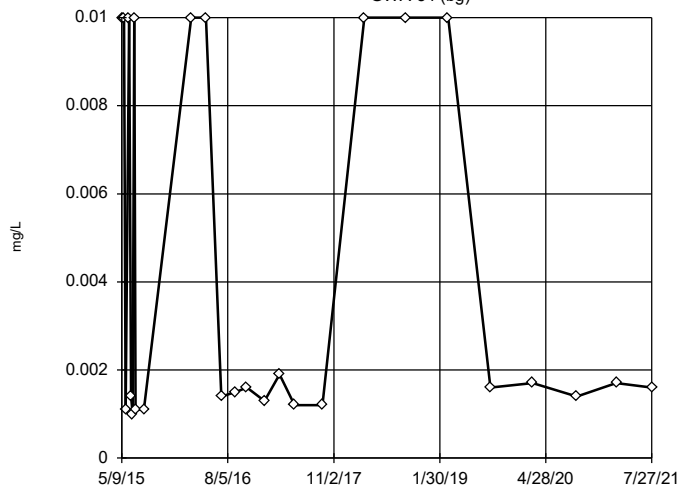
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04253, low cutoff = 0.000288, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-54 (bg)



n = 26

No outliers found. Tukey's method selected by user.

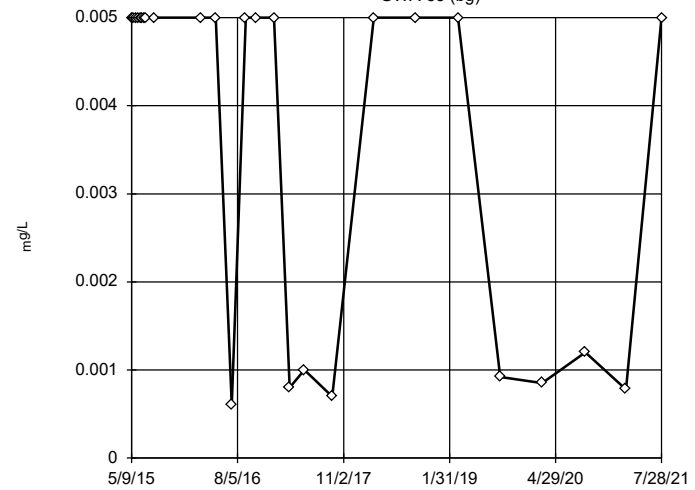
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.132, low cutoff = 0.000002434, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55 (bg)



n = 26

No outliers found. Tukey's method selected by user.

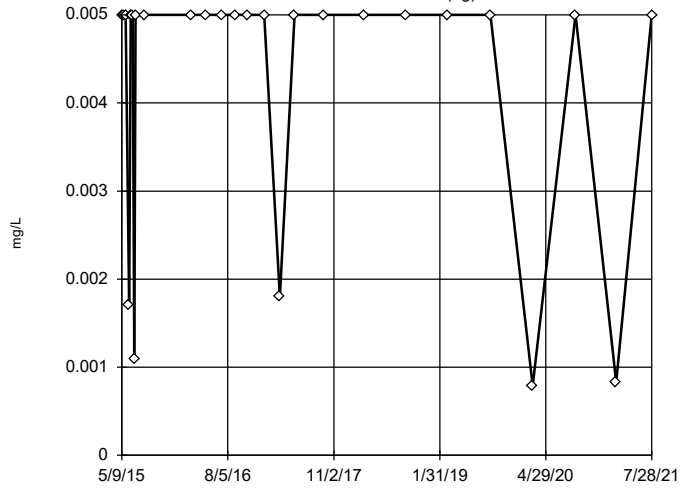
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.7083, low cutoff = 0.000006771, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55R (bg)



n = 26

No outliers found. Tukey's method selected by user.

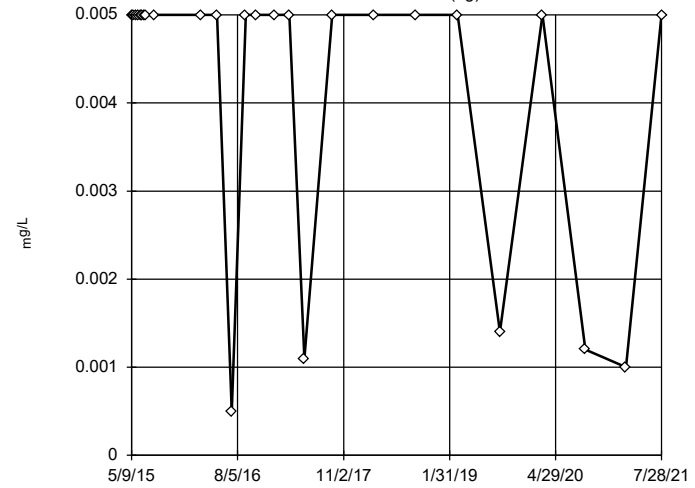
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-56 (bg)



n = 26

No outliers found. Tukey's method selected by user.

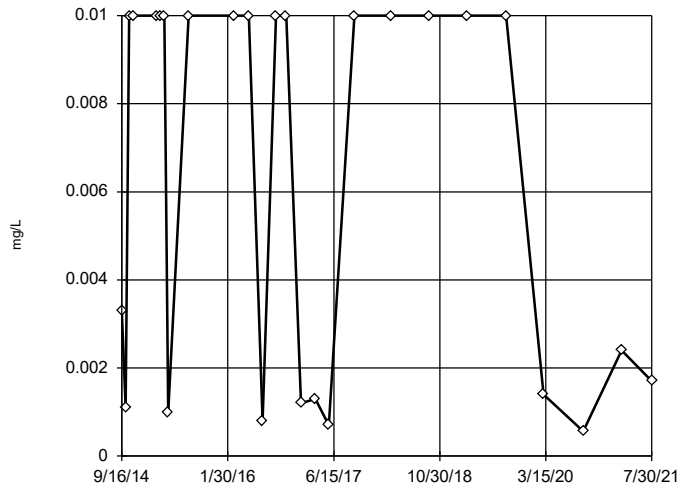
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R



n = 26

No outliers found. Tukey's method selected by user.

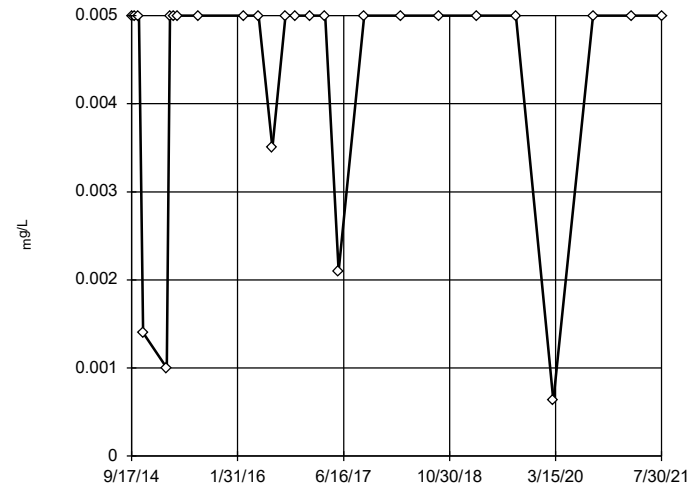
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.132, low cutoff = 0.000002434, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R



n = 26

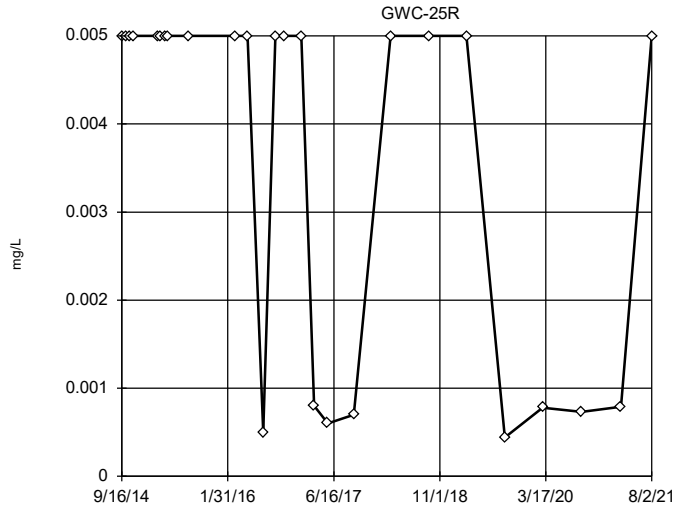
No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

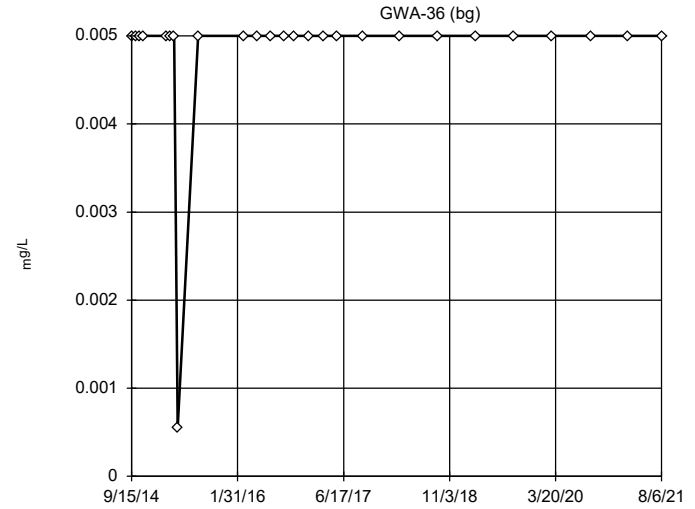
Tukey's Outlier Screening



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 1.292, low cutoff = 0.000003038, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/12/2022 2:49 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

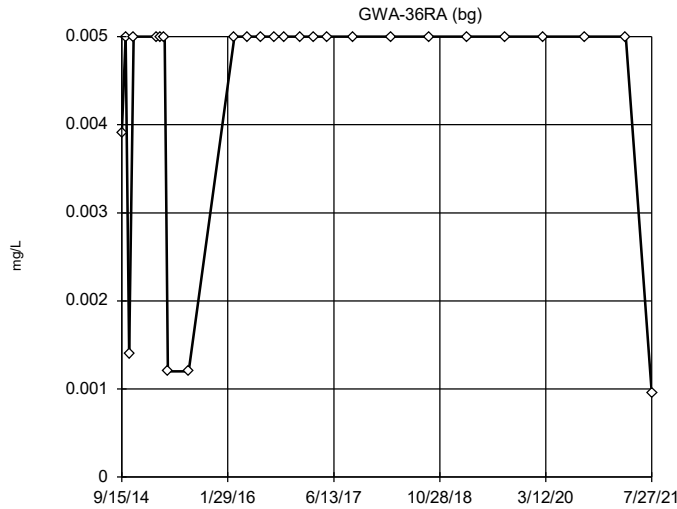
Tukey's Outlier Screening



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x⁶ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

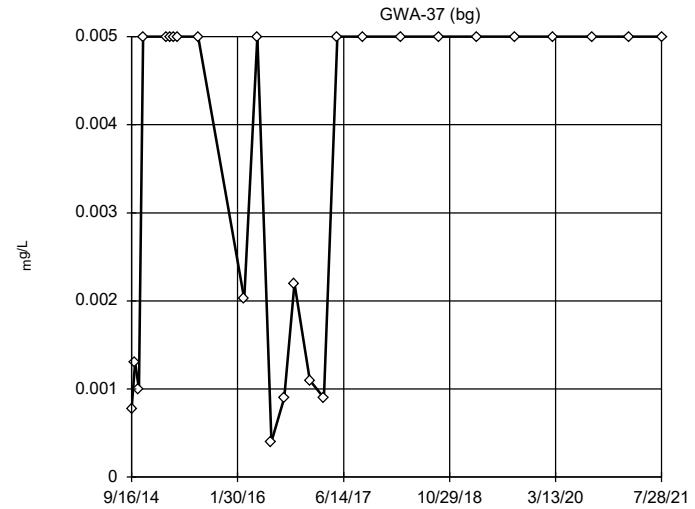
Tukey's Outlier Screening



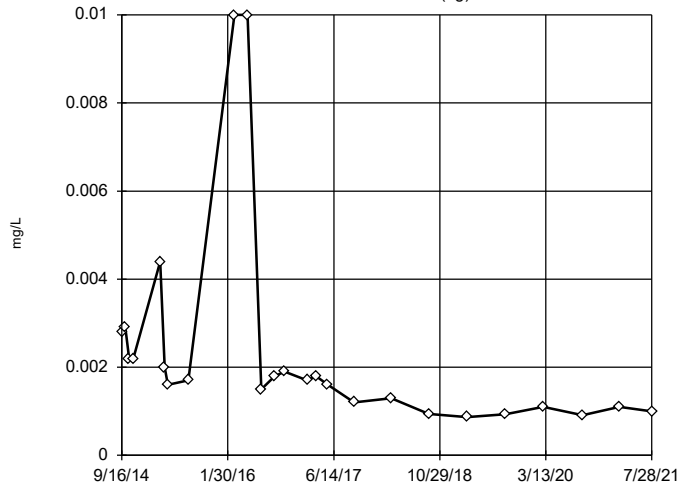
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x⁴ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening



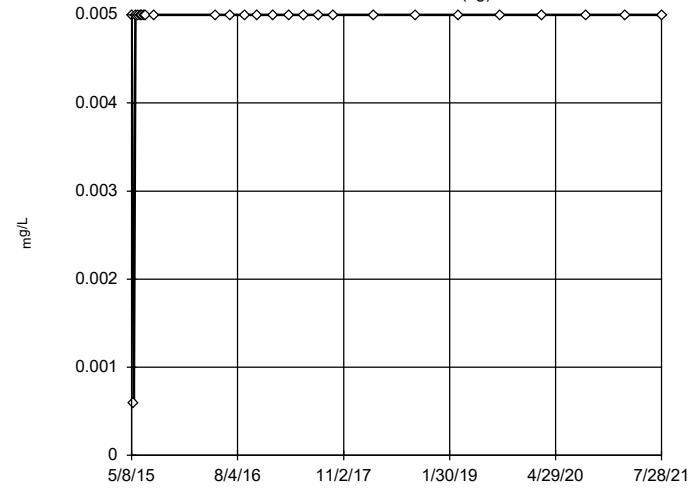
Tukey's Outlier Screening GWA-38 (bg)



n = 25
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.0176,
 low cutoff = 0.0001375,
 based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

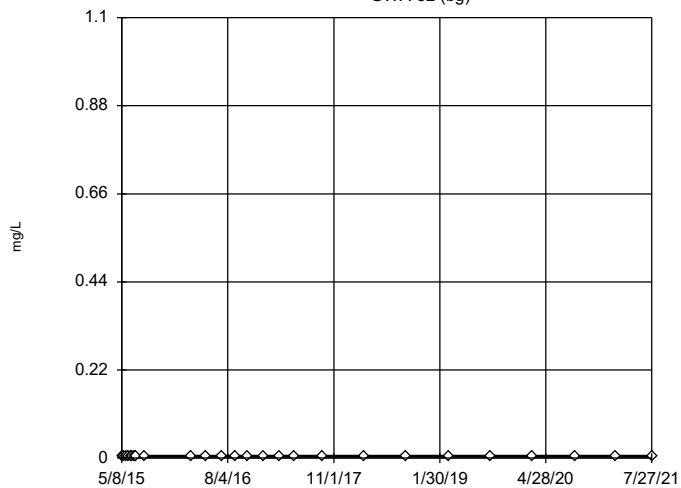
Tukey's Outlier Screening GWA-51RZ (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

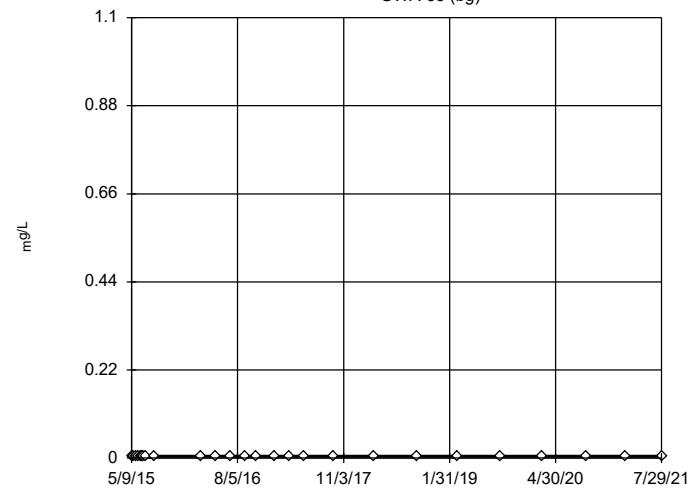
Tukey's Outlier Screening GWA-52 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-53 (bg)

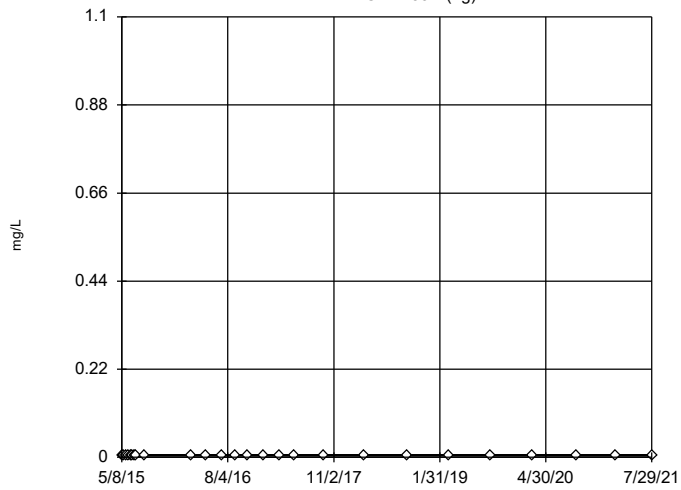


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-53R (bg)

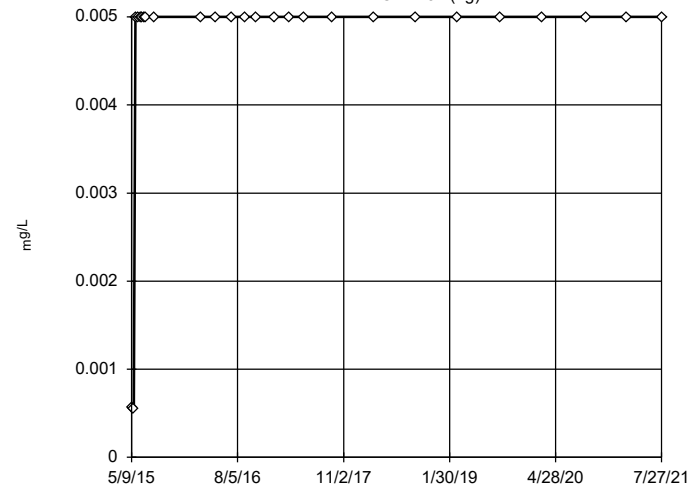


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-54 (bg)

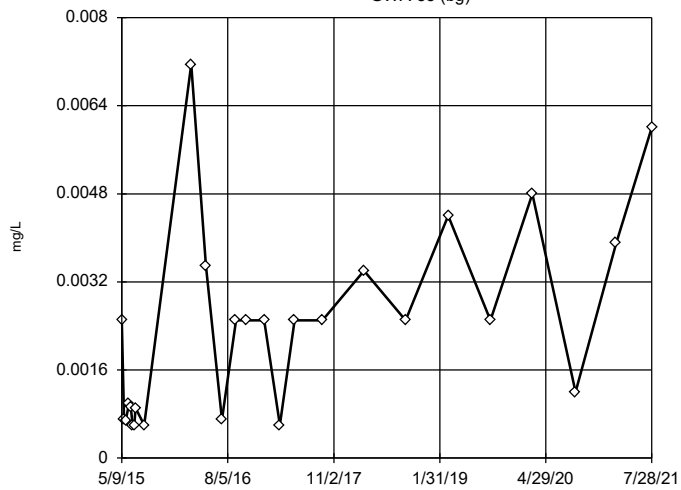


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55 (bg)

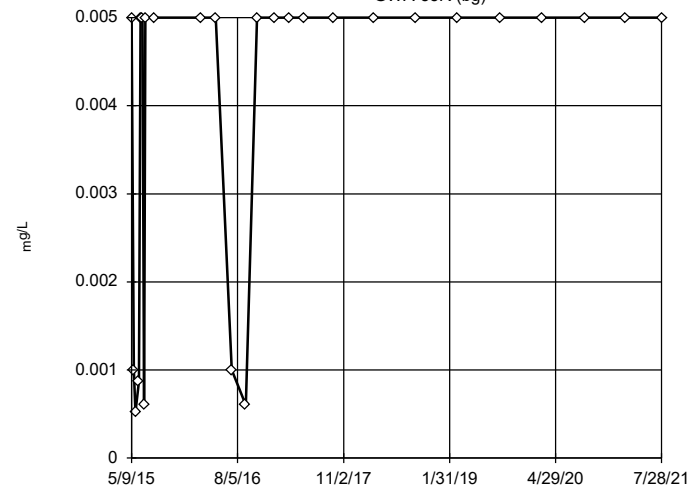


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.03831, low cutoff = -0.0009149, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

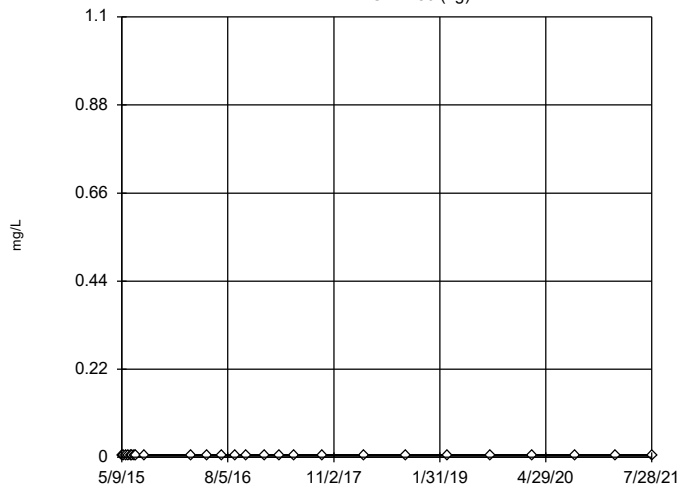
GWA-55R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.0559, low cutoff = 0.0002, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

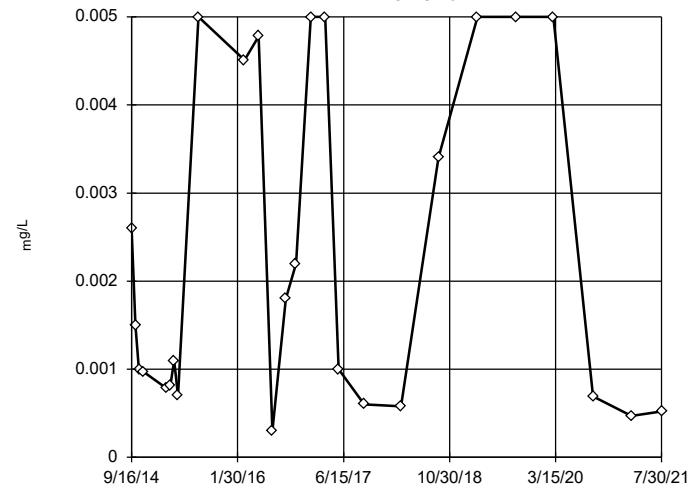
Tukey's Outlier Screening GWA-56 (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

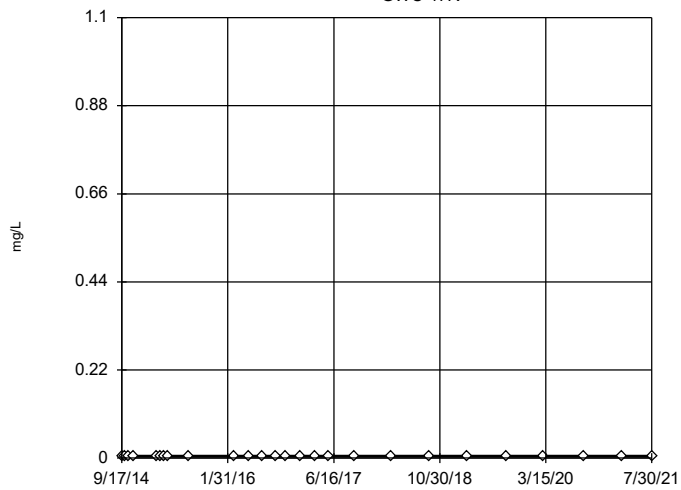
Tukey's Outlier Screening GWC-16R



n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 1.702, low cutoff = 0.000001997, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

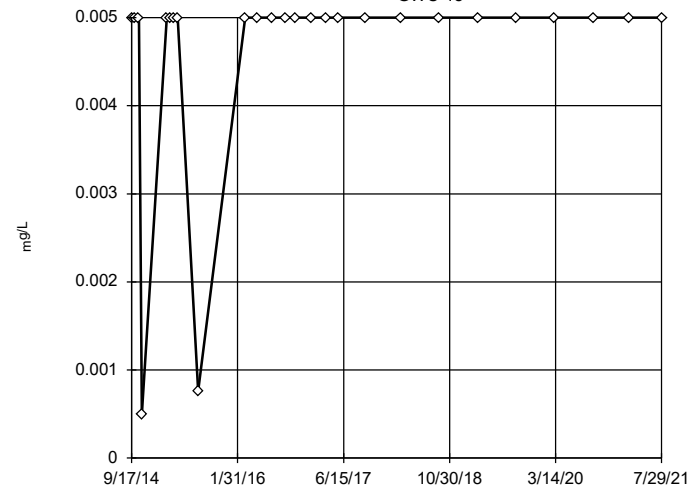
Tukey's Outlier Screening GWC-17R



n = 26
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWC-18

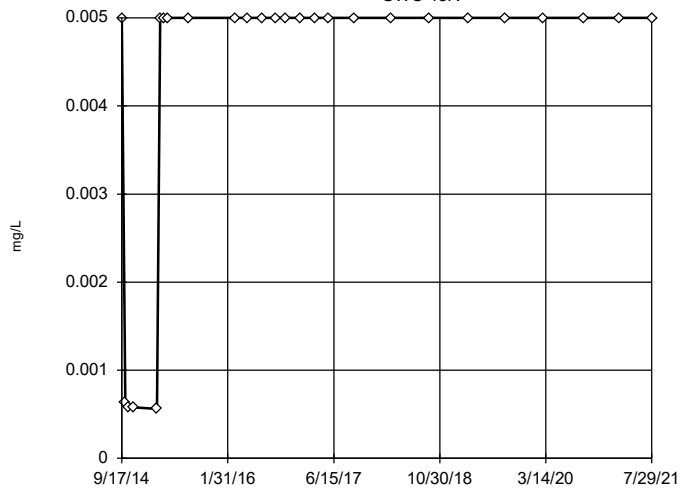


n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R

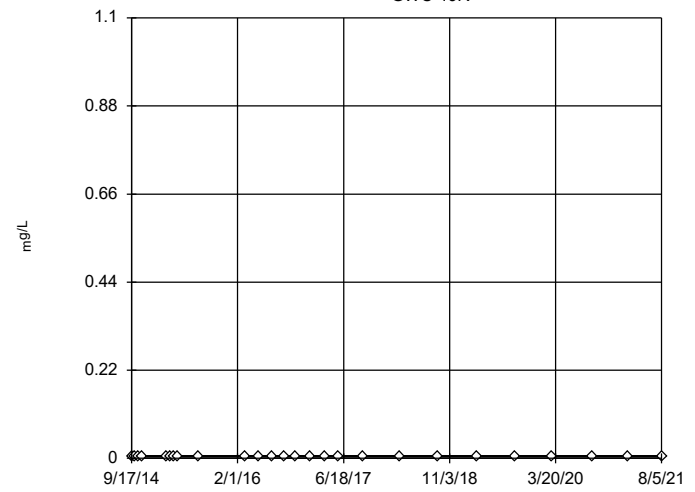


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R

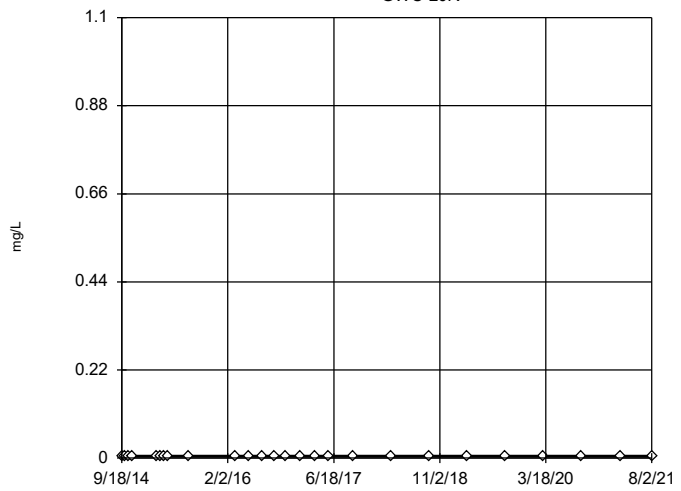


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R

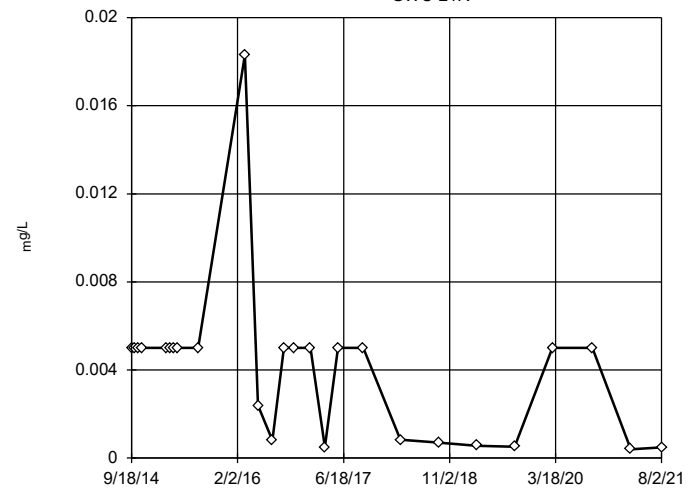


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

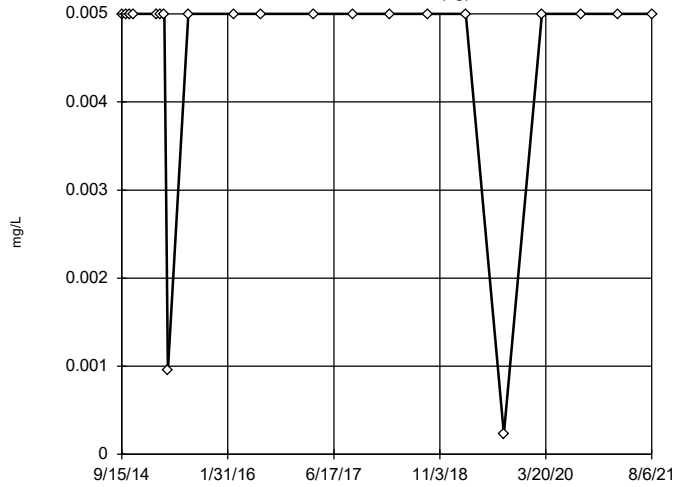


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.06939, low cutoff = -0.003302, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36 (bg)

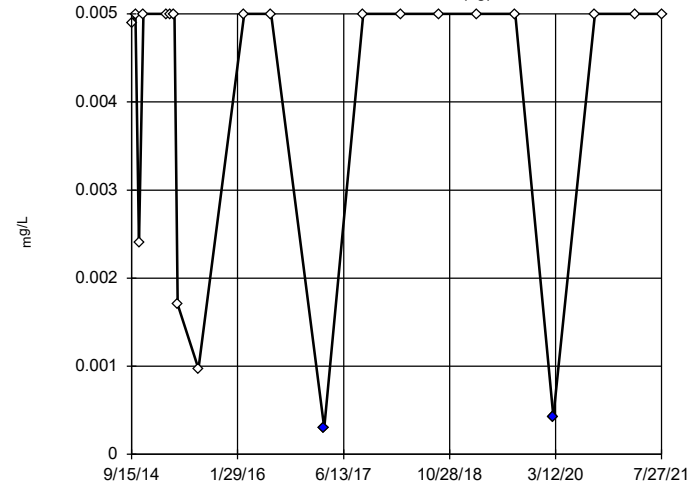


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36RA (bg)

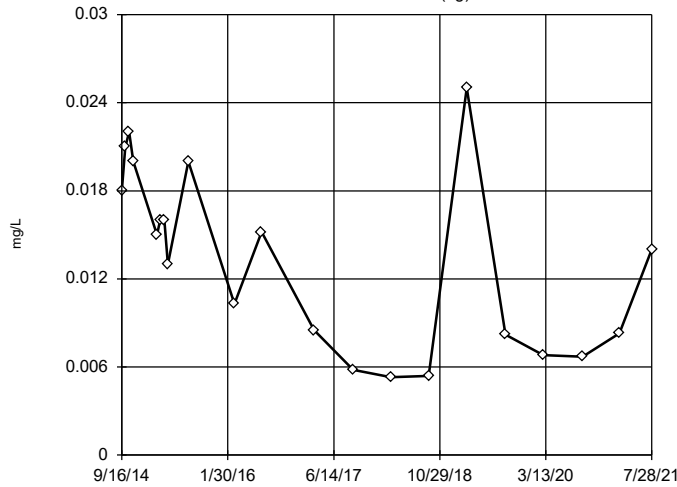


n = 21
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.01089,
 low cutoff = 0.0006681,
 based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-37 (bg)

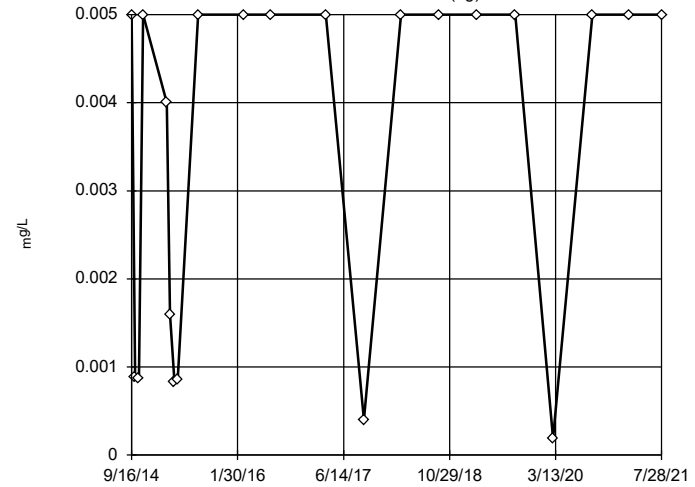


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.08506,
 low cutoff = -0.004536,
 based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

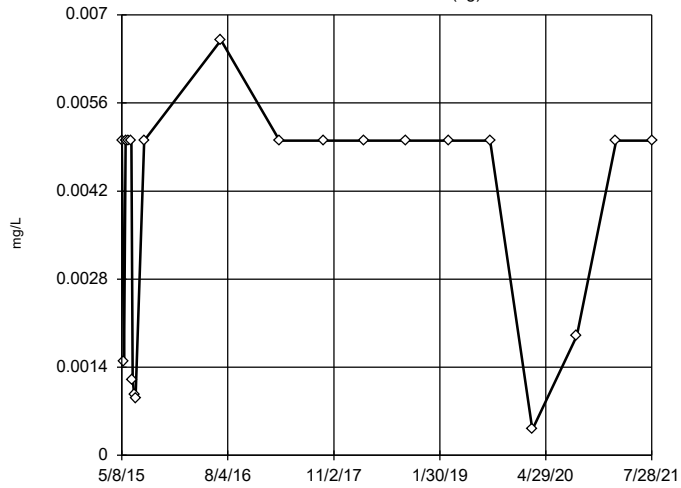
GWA-38 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.9173,
 low cutoff = 0.00004796,
 based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

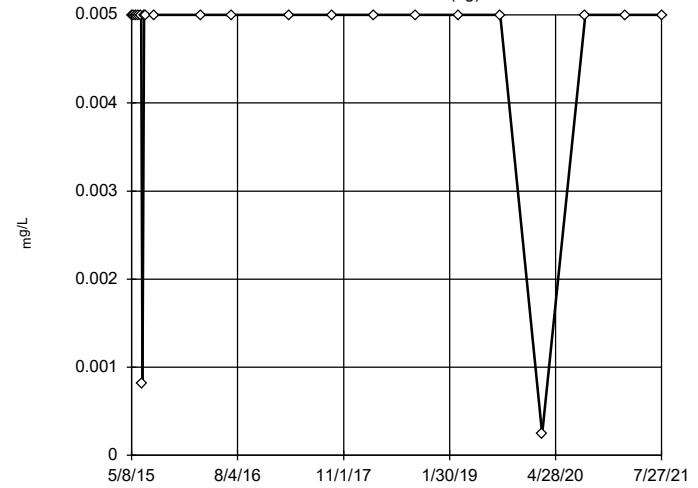
Tukey's Outlier Screening
GWA-51RZ (bg)



n = 20
No outliers found. Tukey's method selected by user.
Data were square transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.00955, low cutoff = -0.007955, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

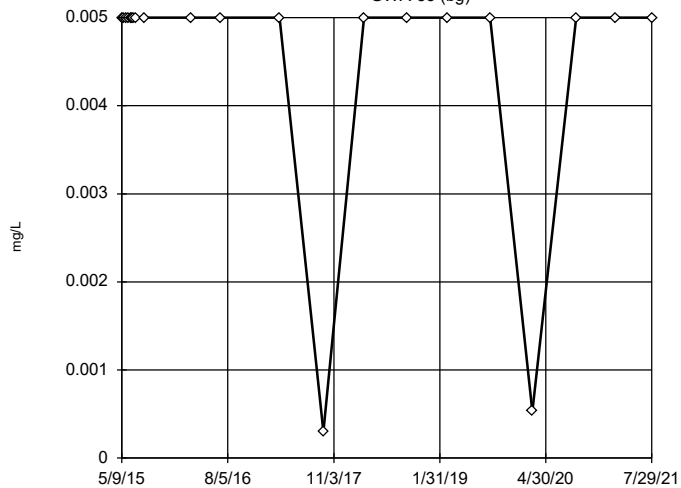
Tukey's Outlier Screening
GWA-52 (bg)



n = 21
No outliers found. Tukey's method selected by user.
Data were cube root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

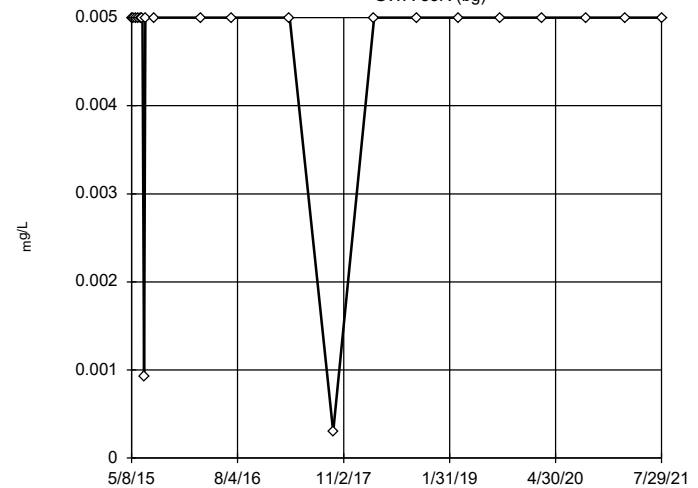
Tukey's Outlier Screening
GWA-53 (bg)



n = 21
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

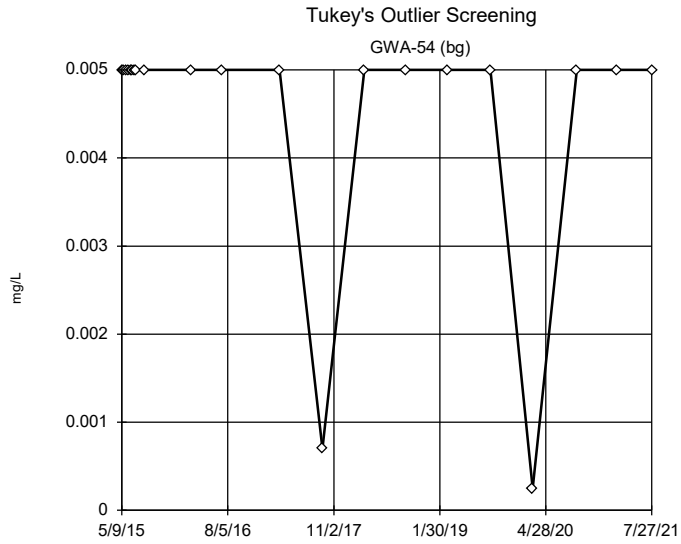
Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWA-53R (bg)



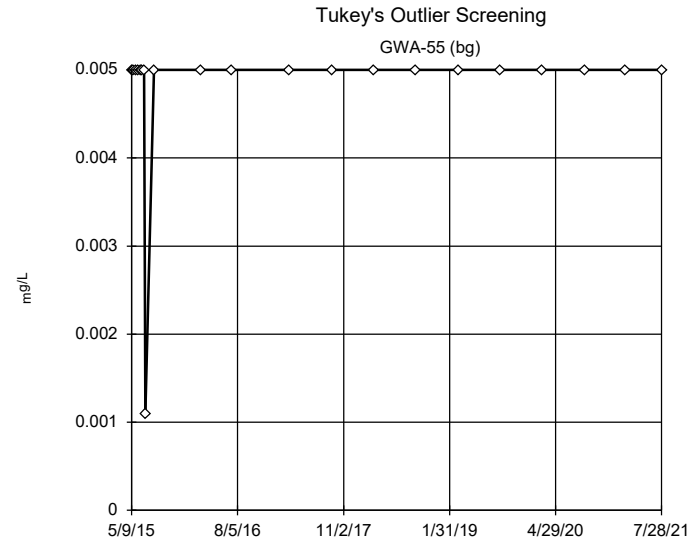
n = 21
No outliers found. Tukey's method selected by user.
Data were cube root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



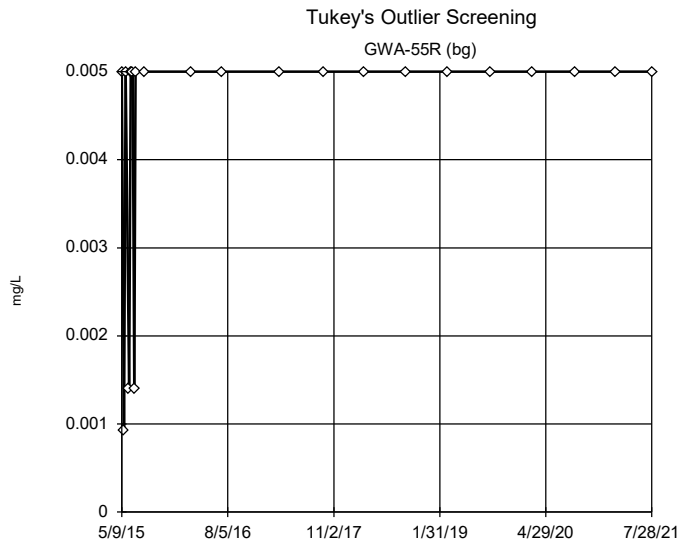
n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



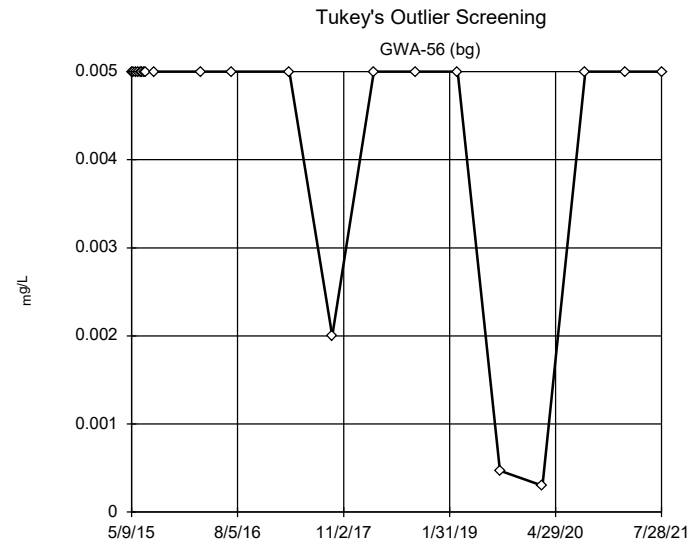
n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

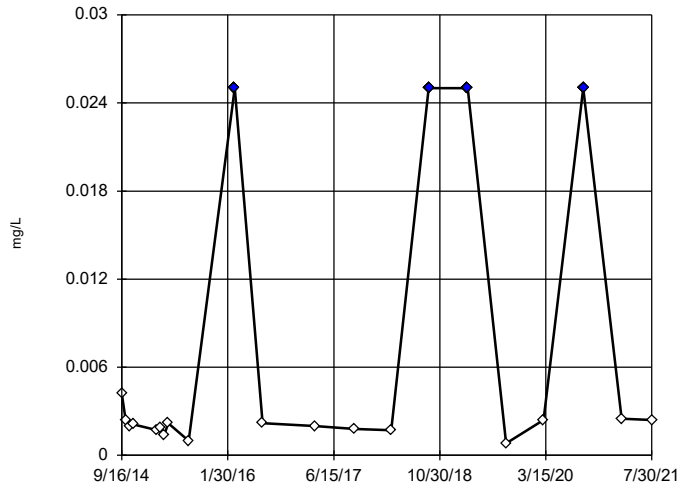


n = 21
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R



n = 21

Outliers are drawn as solid. Tukey's method selected by user.

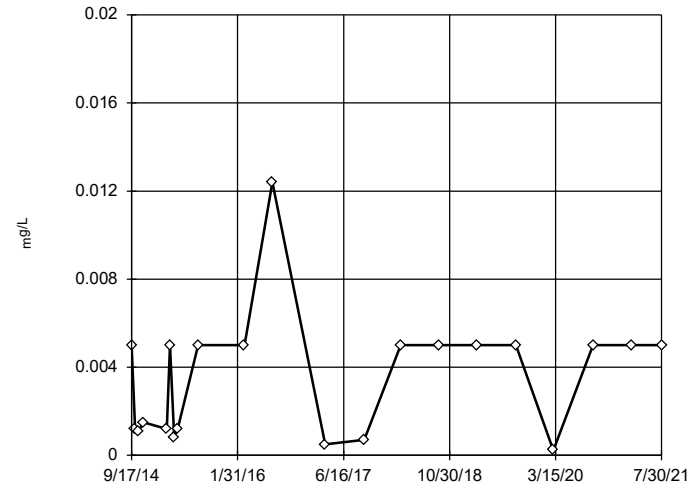
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0206, low cutoff = 0.0002752, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R



n = 21

No outliers found. Tukey's method selected by user.

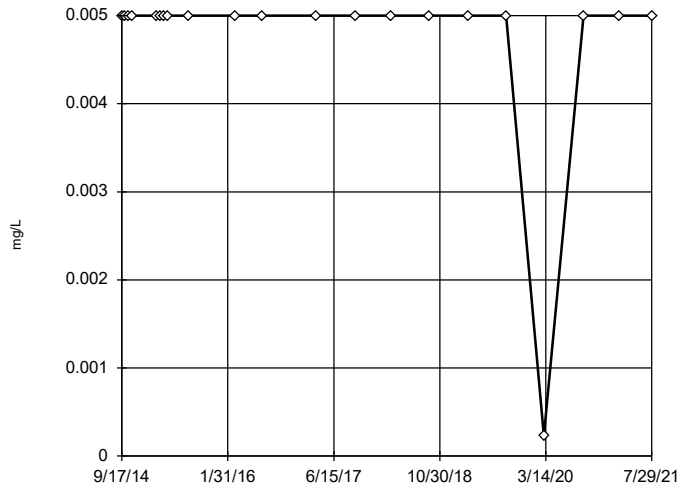
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05055, low cutoff = -0.0008307, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18



n = 21

No outliers found. Tukey's method selected by user.

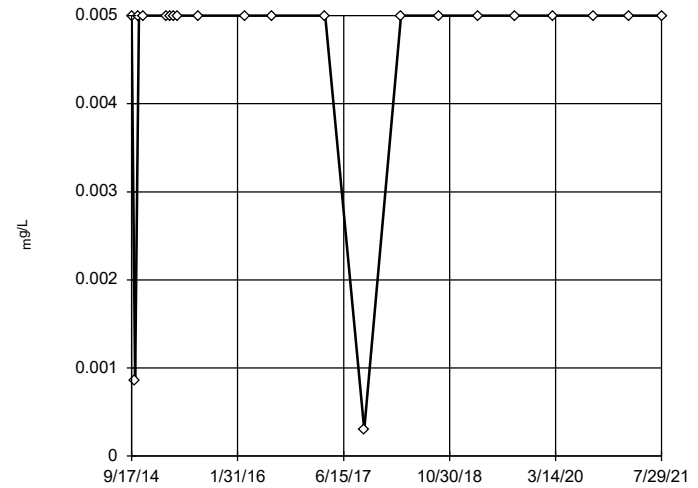
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R



n = 21

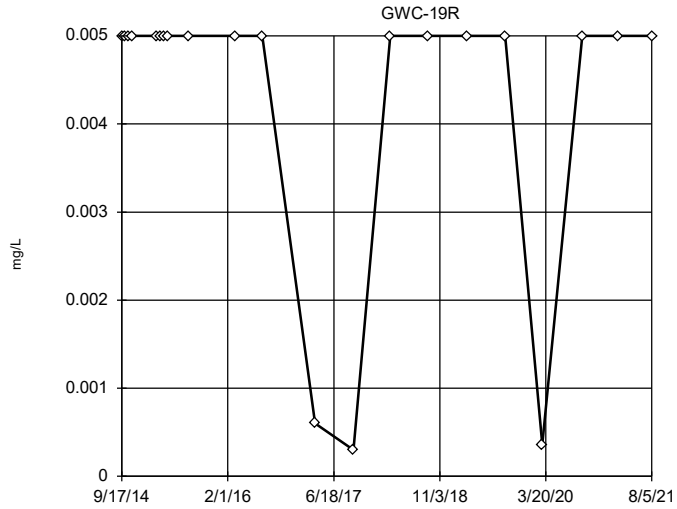
No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

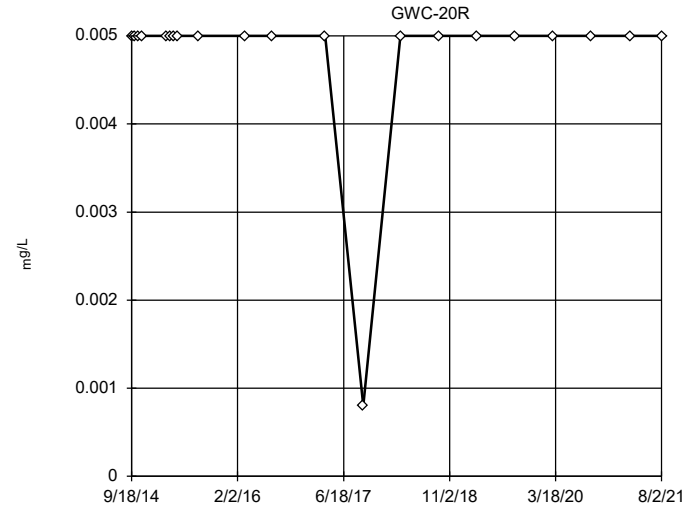
Tukey's Outlier Screening



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

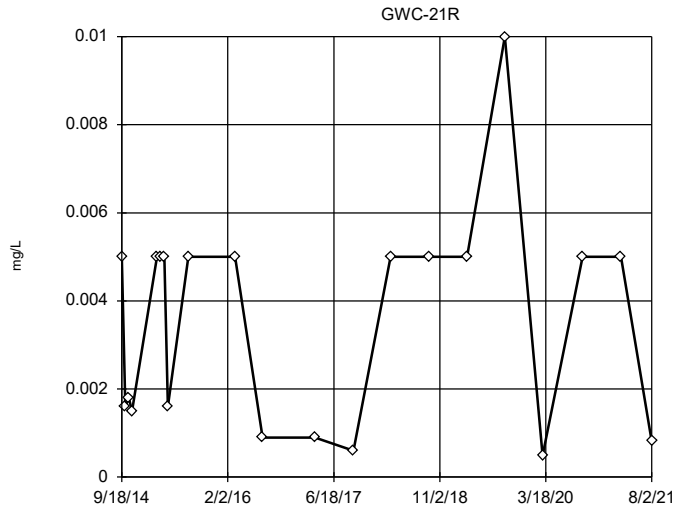
Tukey's Outlier Screening



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were x⁶ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

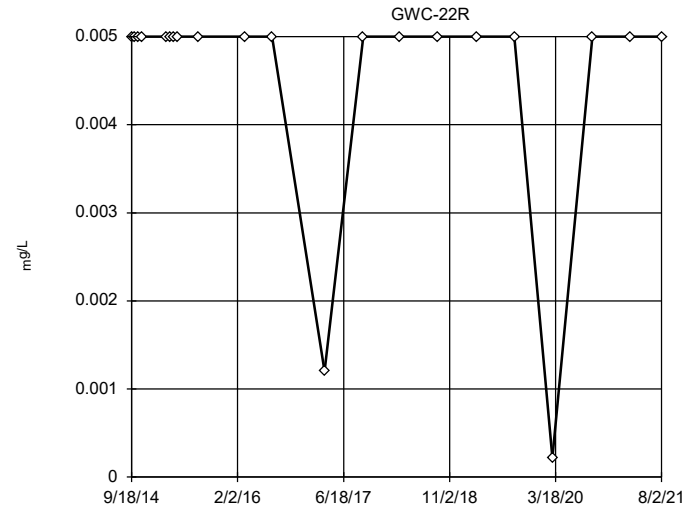
Tukey's Outlier Screening



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.04962, low cutoff = -0.0007524, based on IQR multiplier of 3.

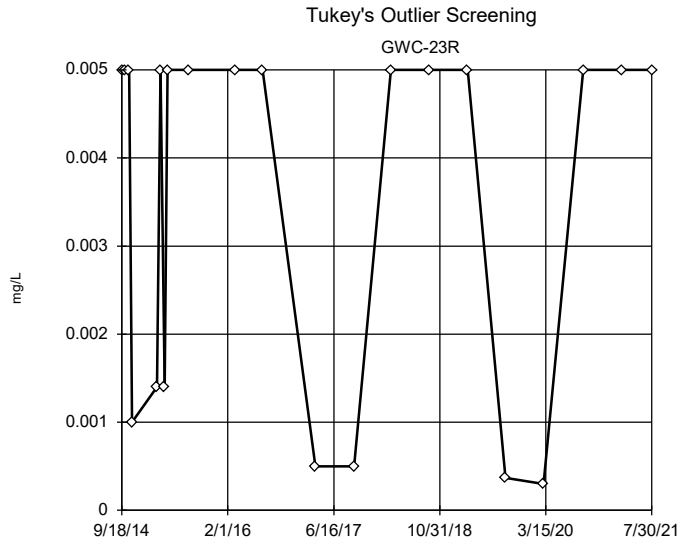
Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening



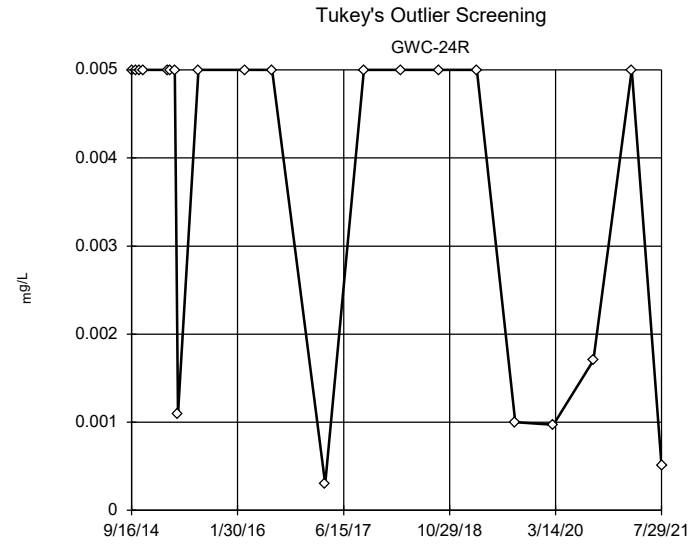
n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



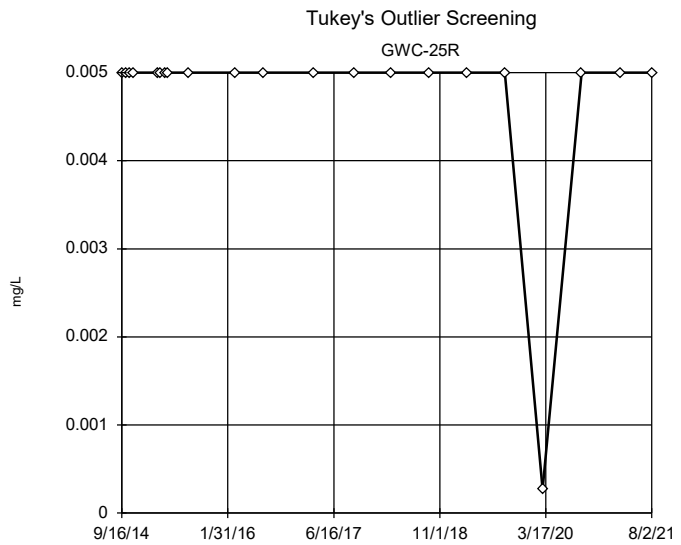
n = 21
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.3773, low cutoff = 0.00001568, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



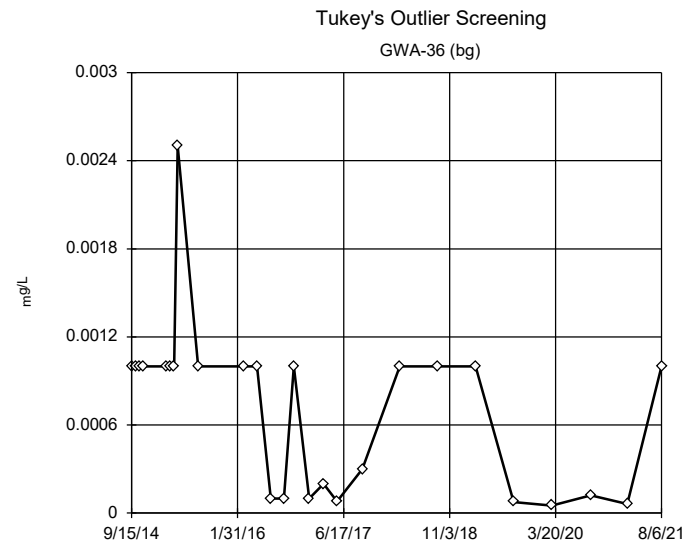
n = 21
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.2444, low cutoff = 0.00002798, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



n = 21
No outliers found. Tukey's method selected by user.
Data were x*6 transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

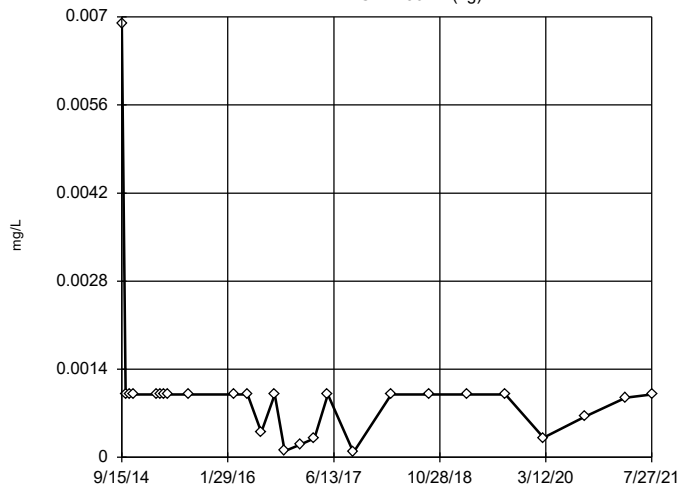
Constituent: Copper Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



n = 26
No outliers found. Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.009311, low cutoff = -0.003011, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

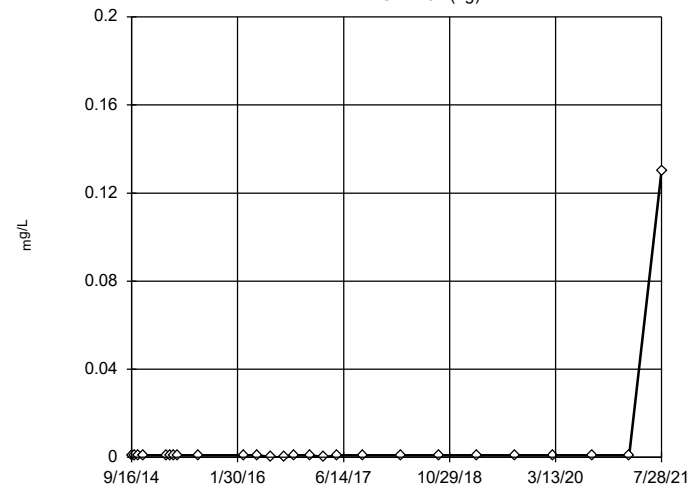
Tukey's Outlier Screening
GWA-36RA (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.007543, low cutoff = 0.0000676, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

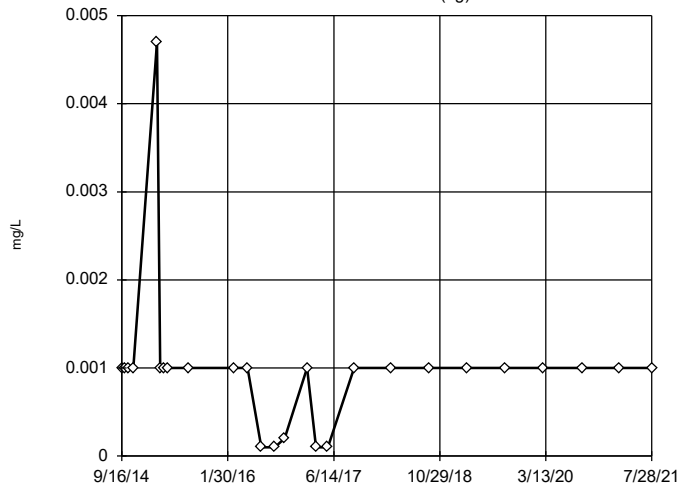
Tukey's Outlier Screening
GWA-37 (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

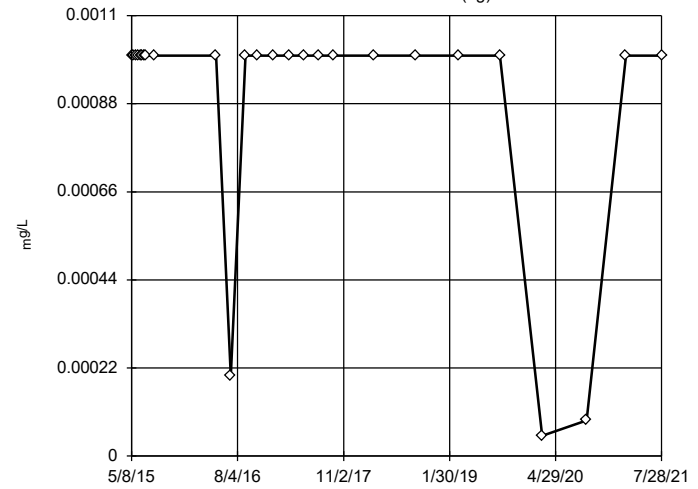
Tukey's Outlier Screening
GWA-38 (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were cube root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

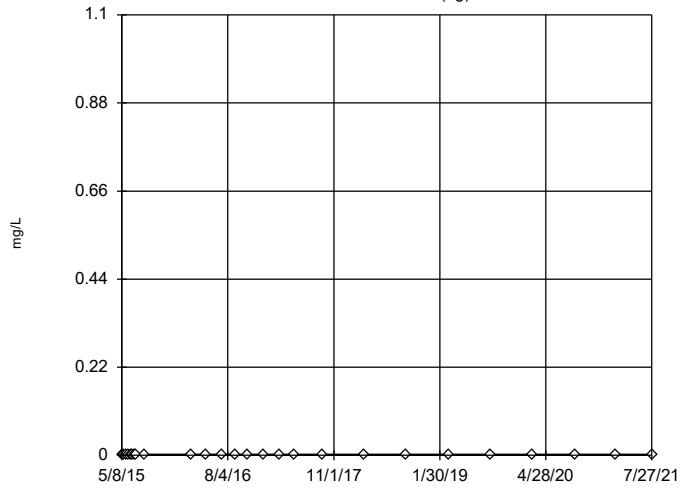
Tukey's Outlier Screening
GWA-51RZ (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

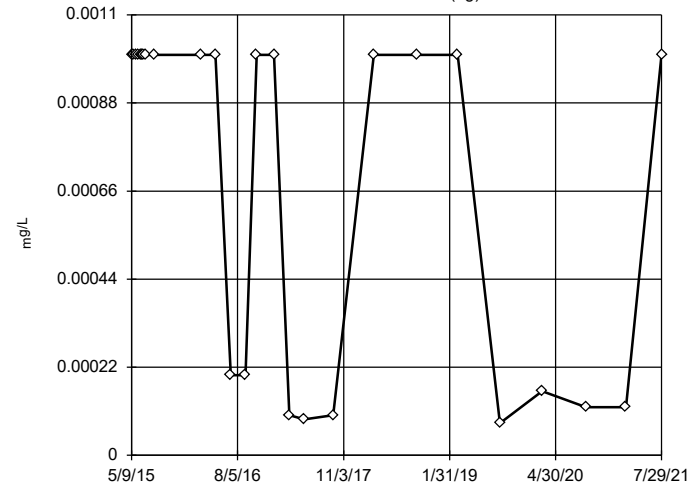
Tukey's Outlier Screening GWA-52 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

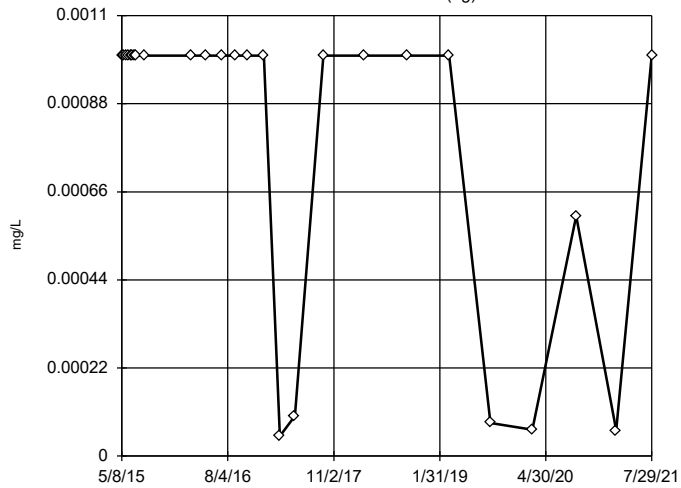
Tukey's Outlier Screening GWA-53 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.3759, low cutoff = 3.7e-7, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

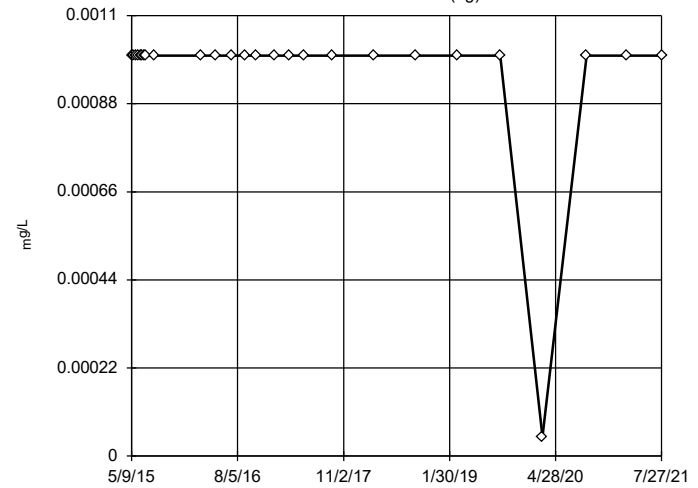
Tukey's Outlier Screening GWA-53R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.0014, low cutoff = -0.0005292, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

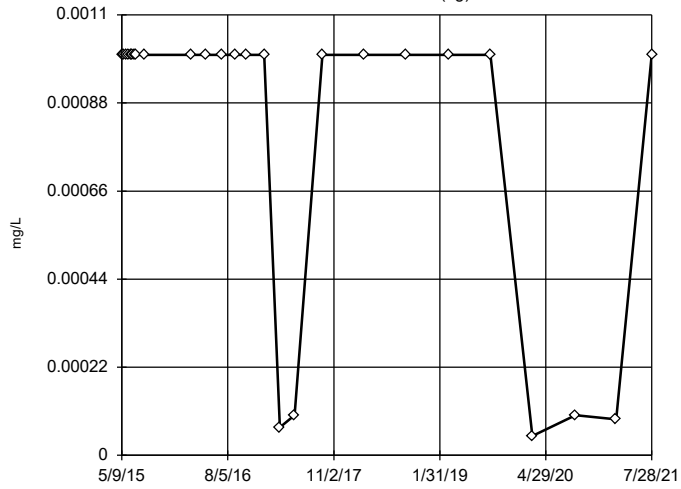
Tukey's Outlier Screening GWA-54 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

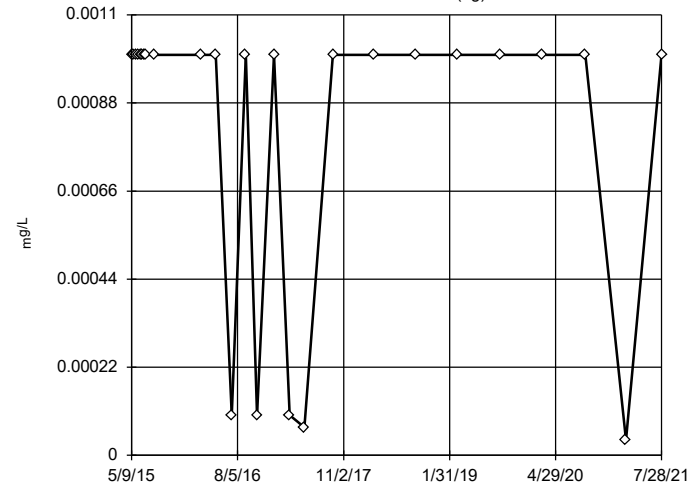
Tukey's Outlier Screening
GWA-55 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:50 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

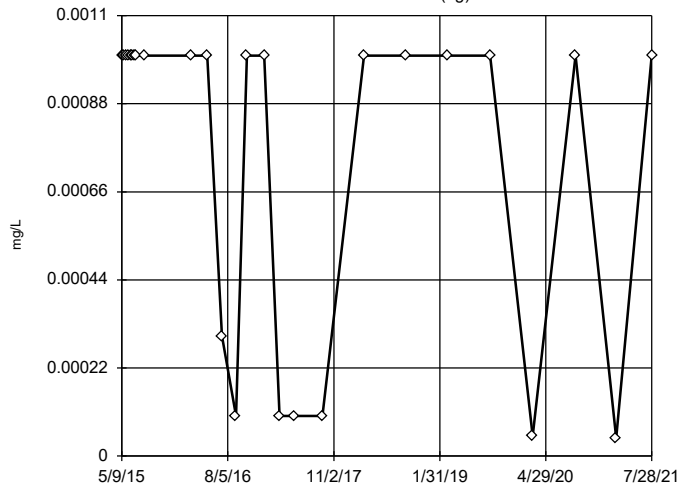
Tukey's Outlier Screening
GWA-55R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

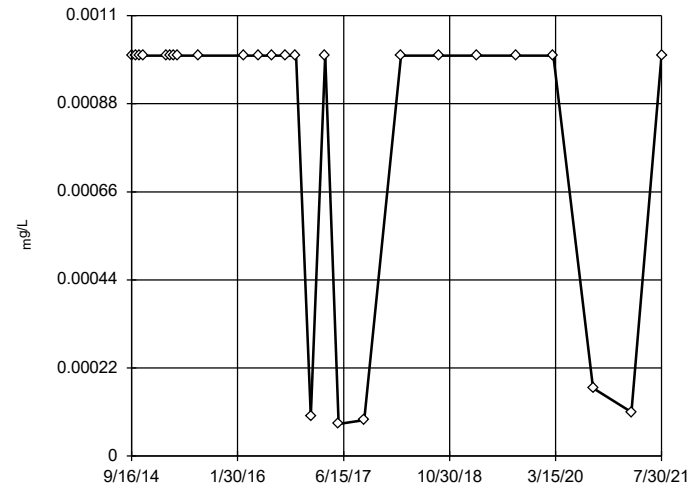
Tukey's Outlier Screening
GWA-56 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.1925, low cutoff = 9.0e-7, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWC-16R

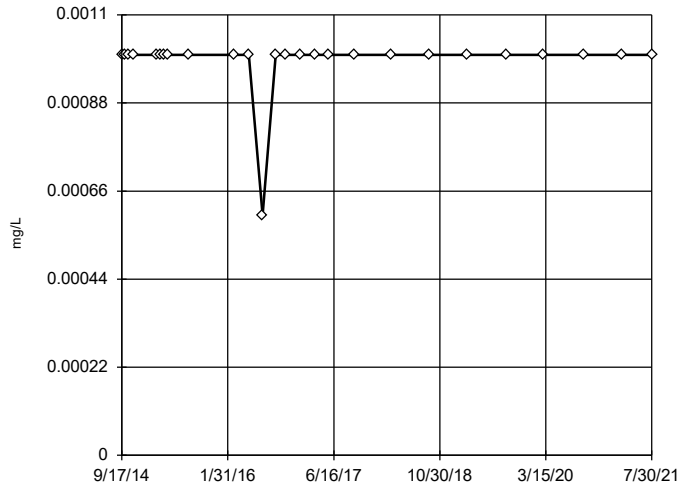


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R

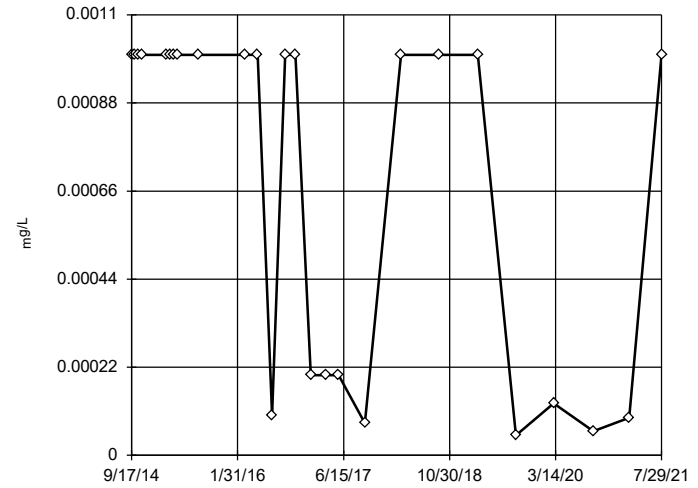


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18

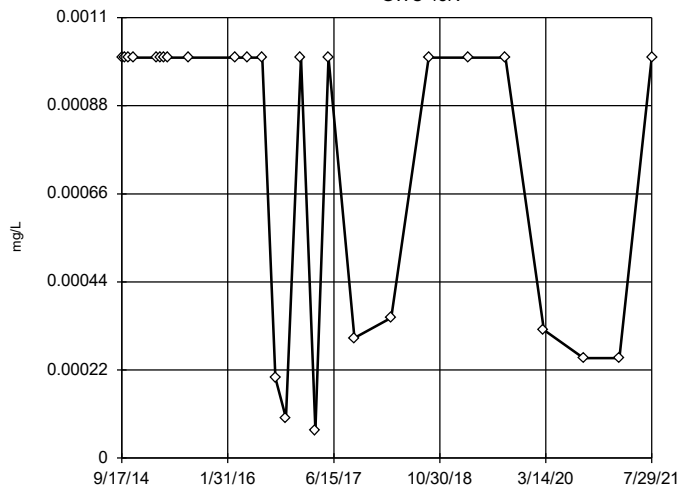


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.2385, low cutoff = 6.8e-7, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R

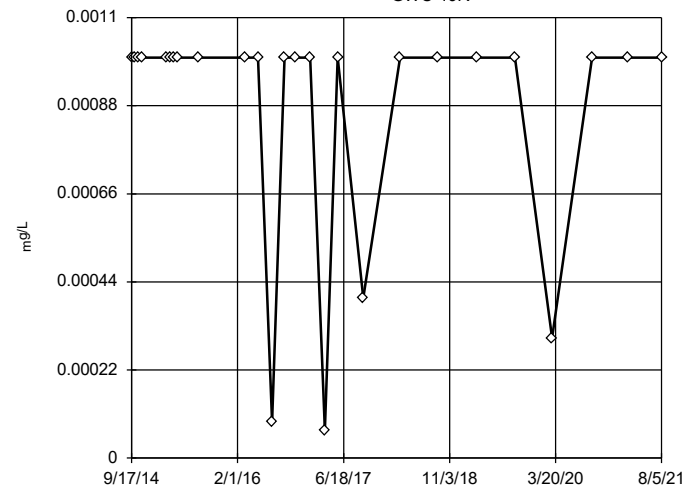


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.03362, low cutoff = 0.000009216, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R

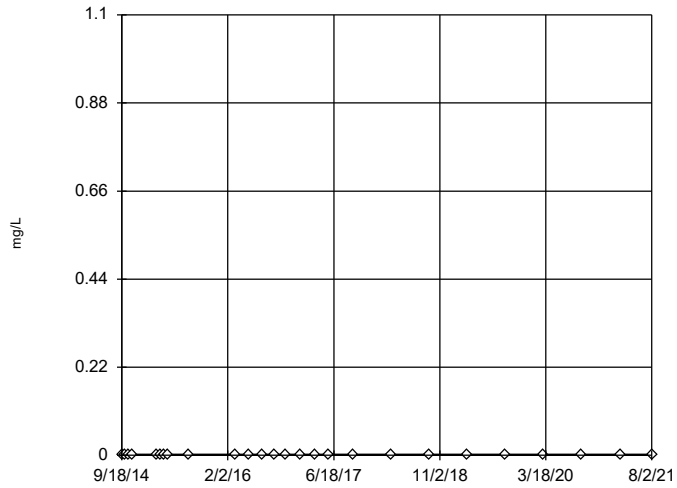


n = 26
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R

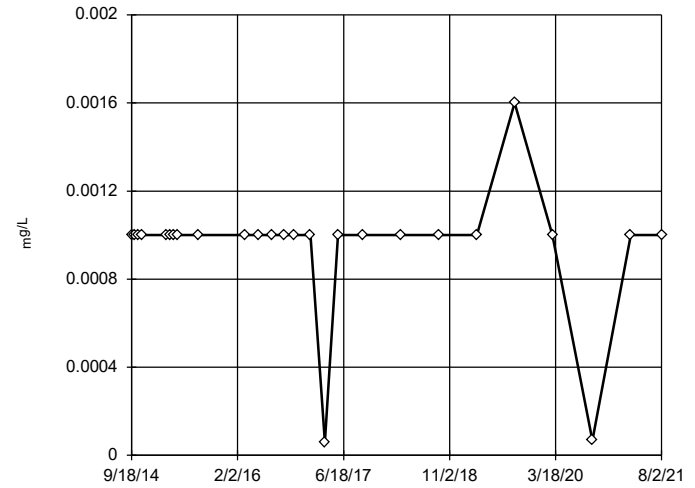


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

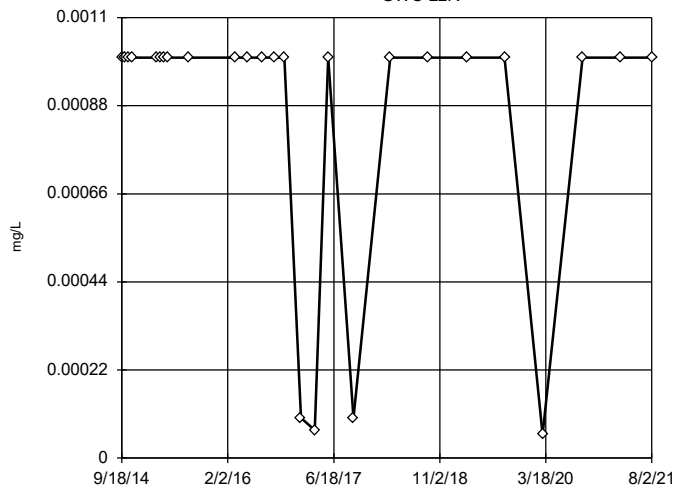


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R

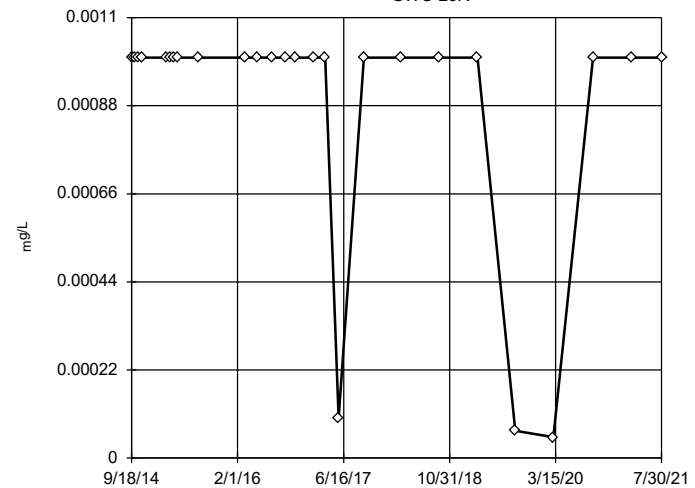


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R

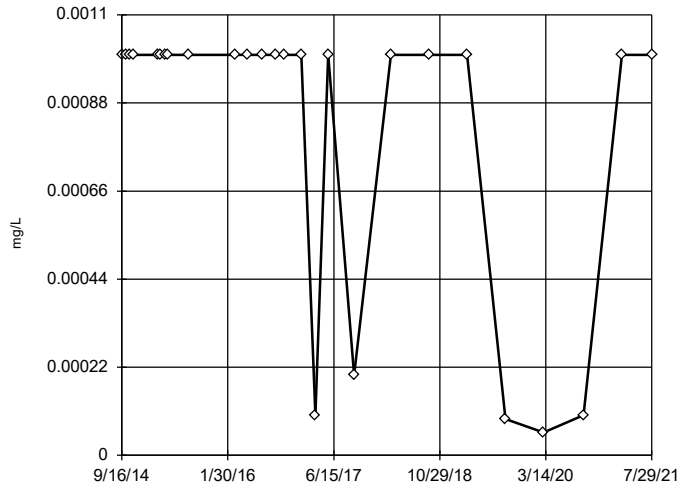


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-24R

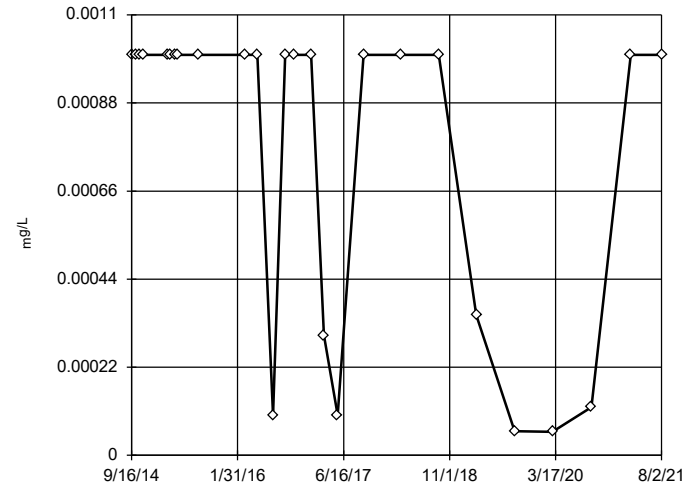


n = 26
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-25R

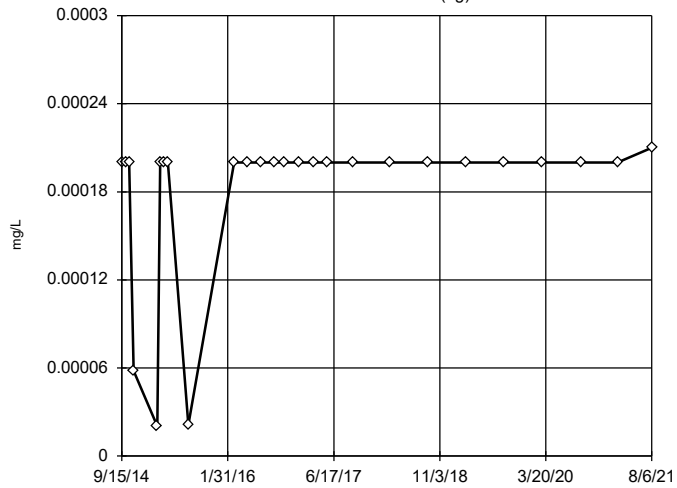


n = 26
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.02939, low cutoff = 0.0001102, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36 (bg)

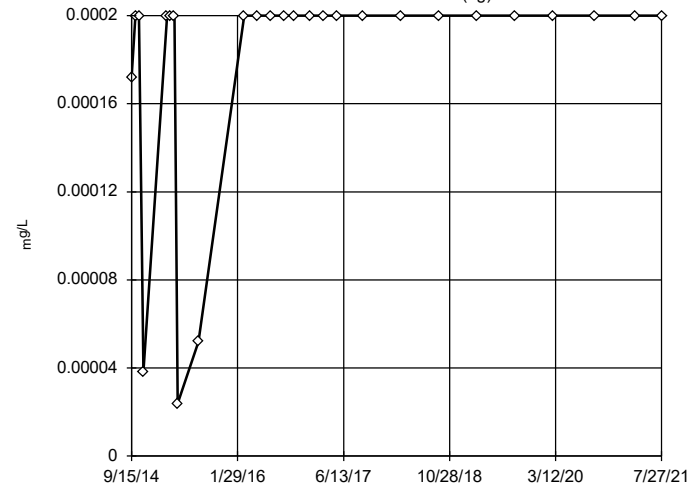


n = 26
 No outliers found. Tukey's method selected by user.
 Data were x⁵ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36RA (bg)

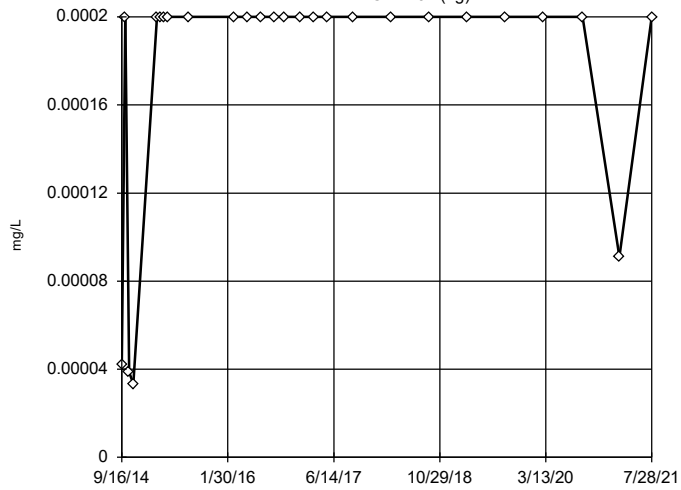


n = 26
 No outliers found. Tukey's method selected by user.
 Data were x⁵ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-37 (bg)

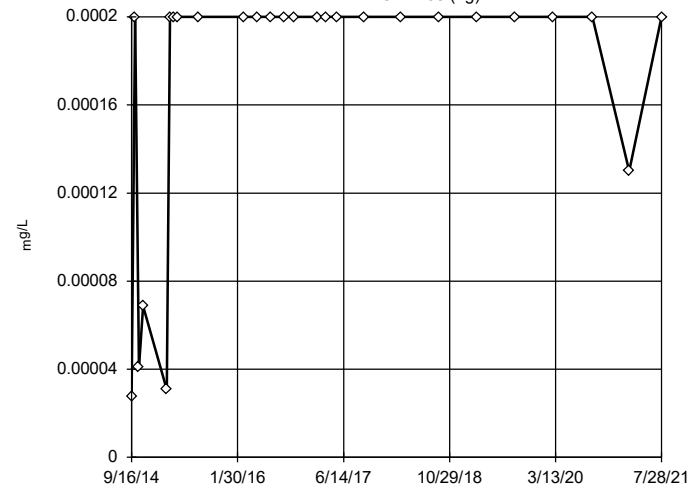


n = 26
 No outliers found. Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-38 (bg)

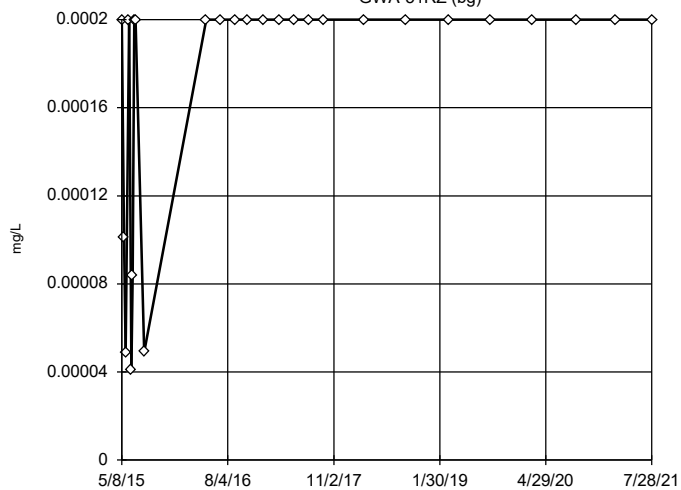


n = 26
 No outliers found. Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-51RZ (bg)

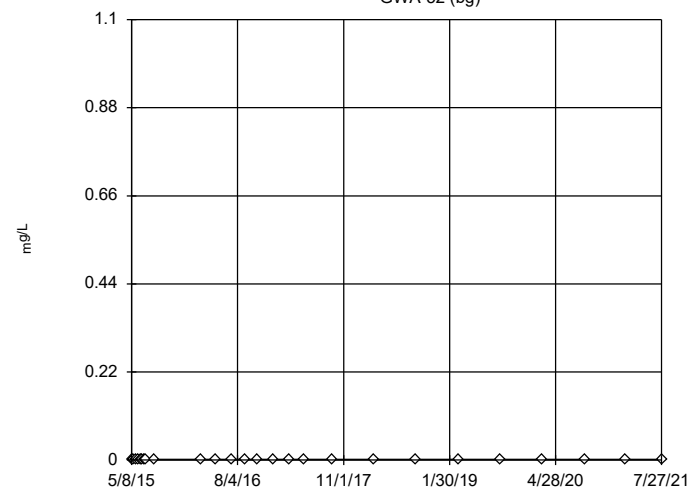


n = 26
 No outliers found. Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

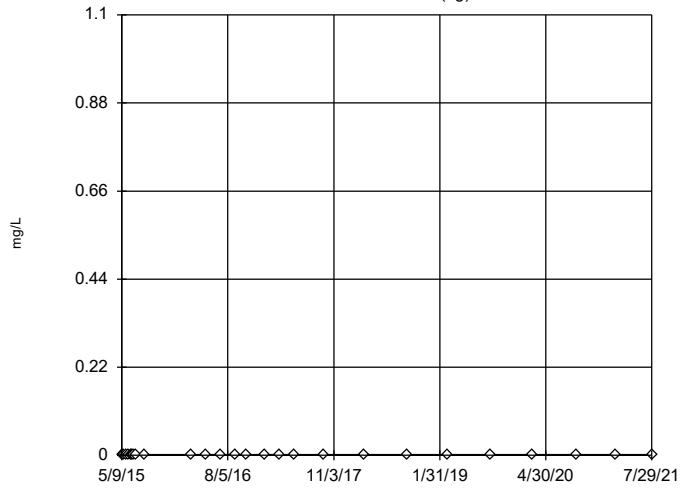
GWA-52 (bg)



n = 26
 No outliers found. Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

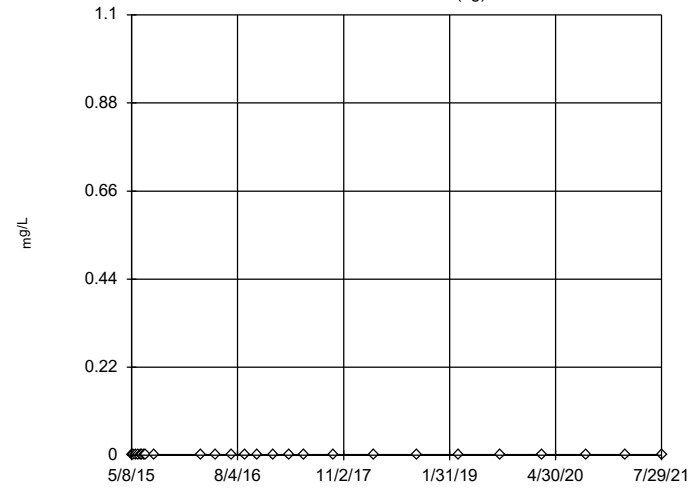
Tukey's Outlier Screening GWA-53 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

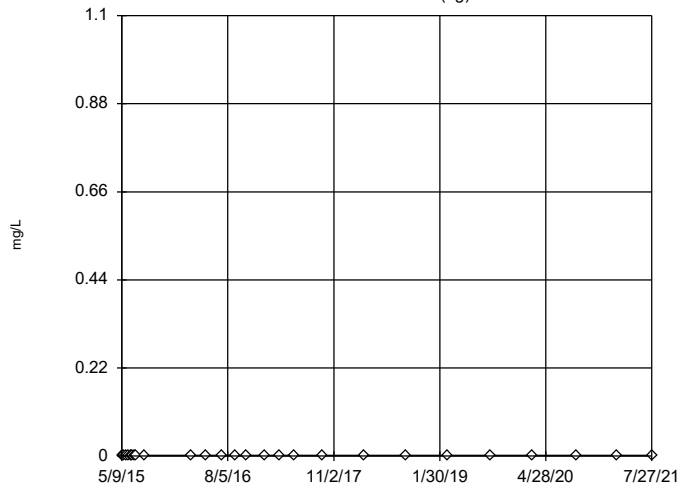
Tukey's Outlier Screening GWA-53R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

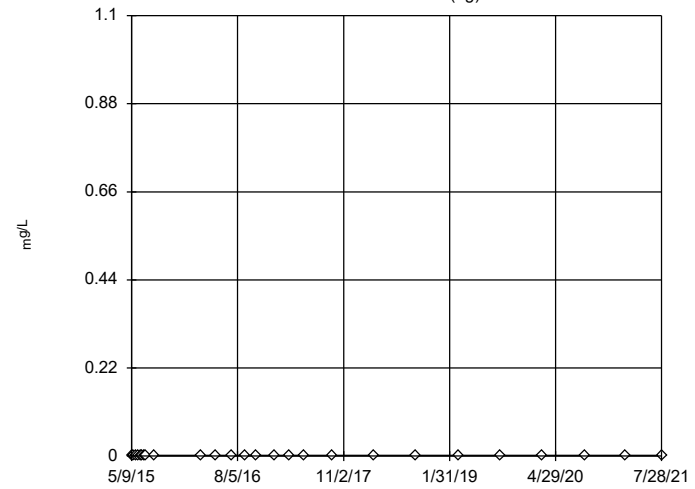
Tukey's Outlier Screening GWA-54 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-55 (bg)

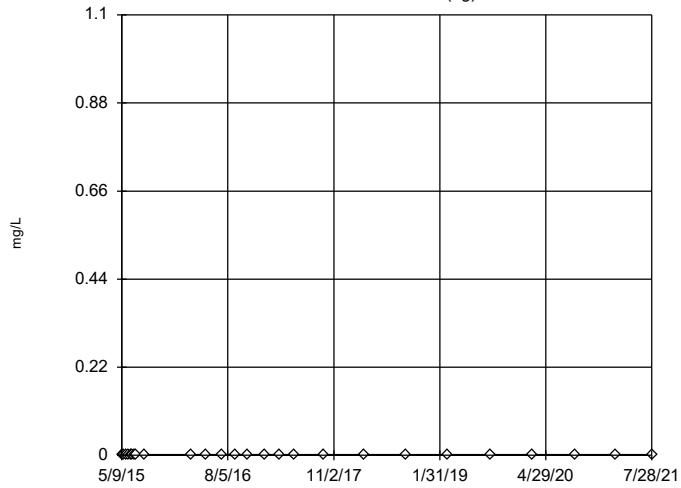


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55R (bg)

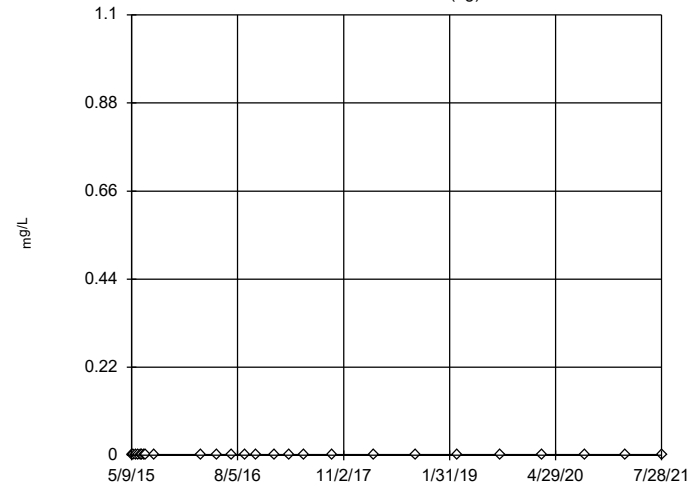


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-56 (bg)

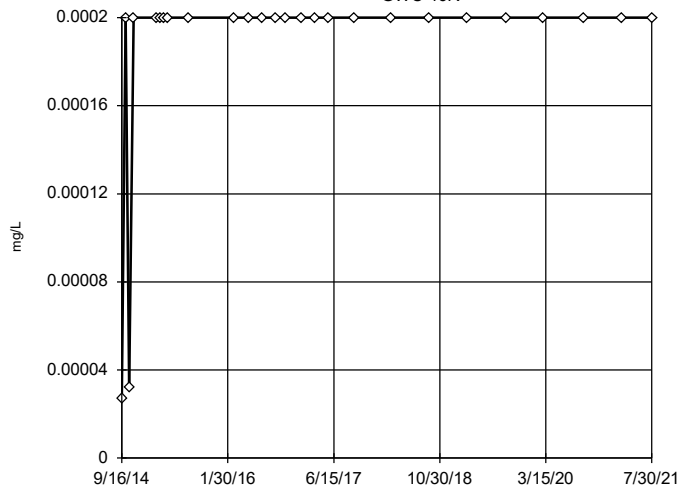


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R

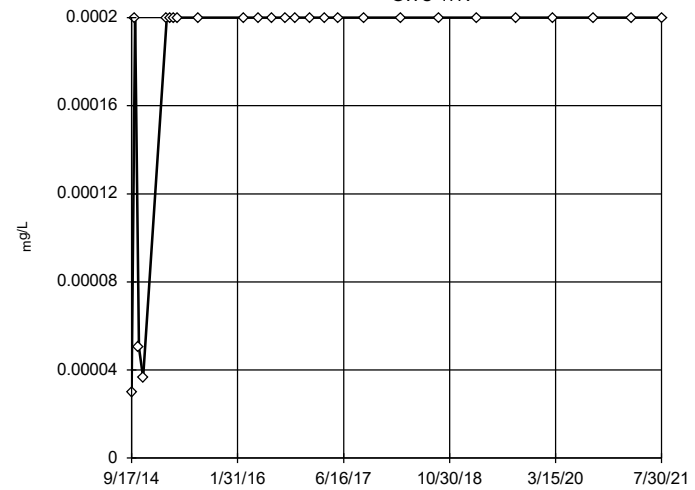


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R

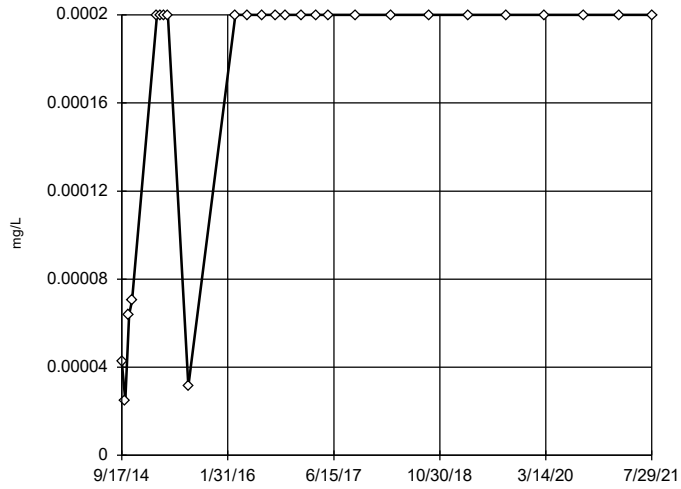


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18



n = 26

No outliers found. Tukey's method selected by user.

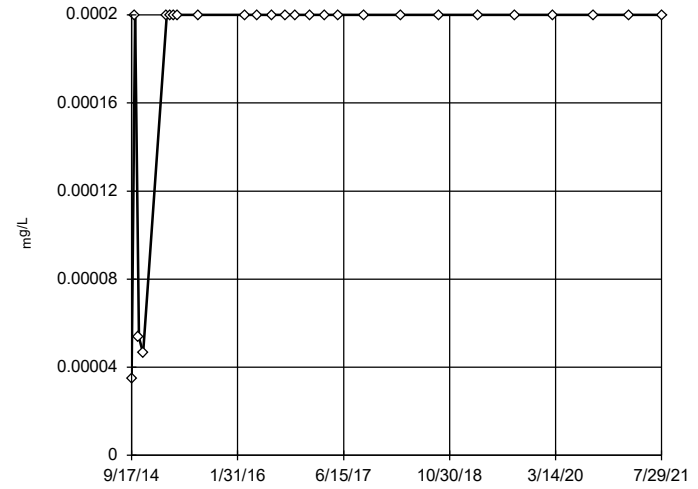
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R



n = 26

No outliers found. Tukey's method selected by user.

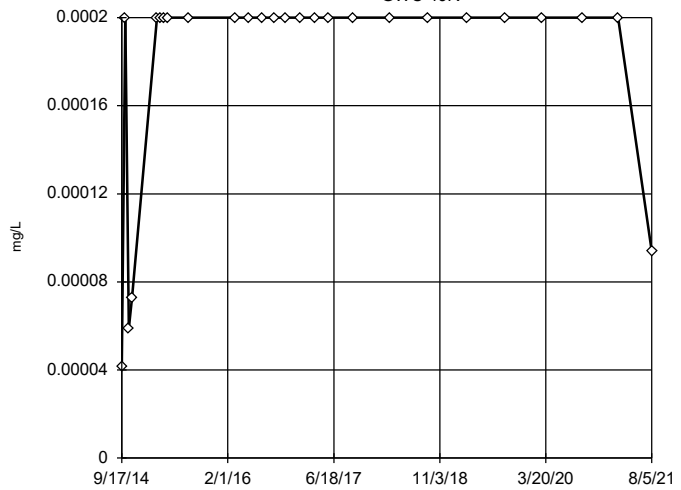
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R



n = 26

No outliers found. Tukey's method selected by user.

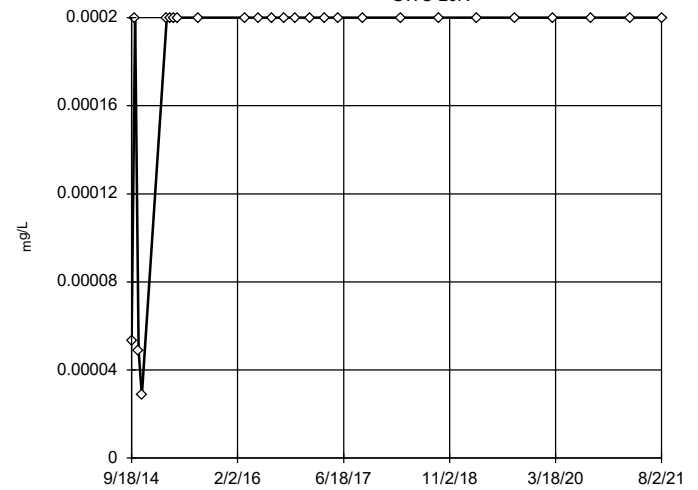
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R



n = 26

No outliers found. Tukey's method selected by user.

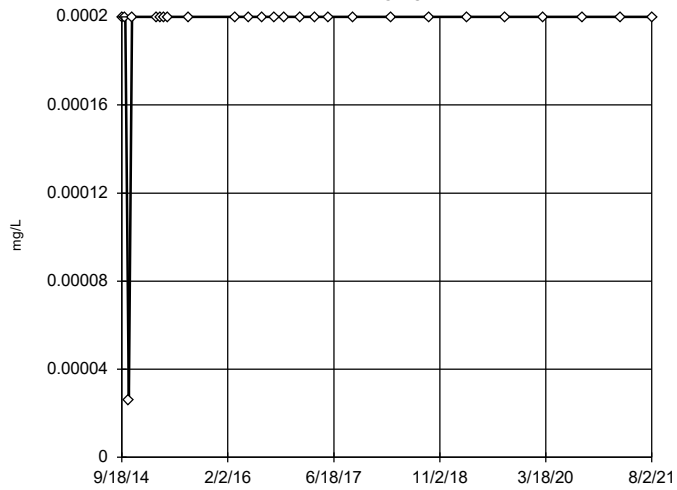
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

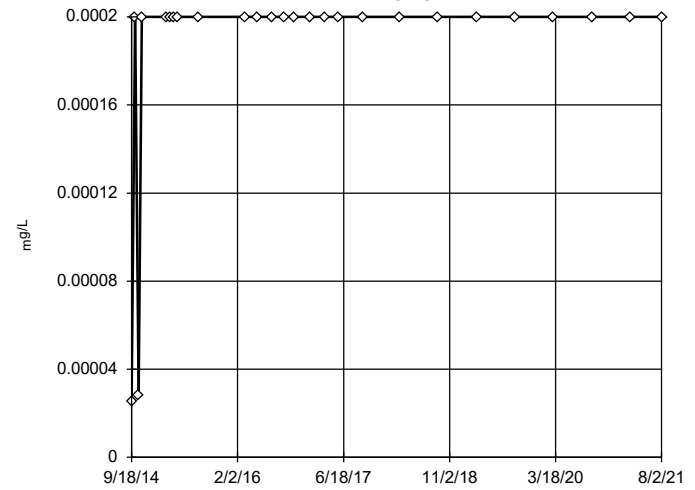


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R

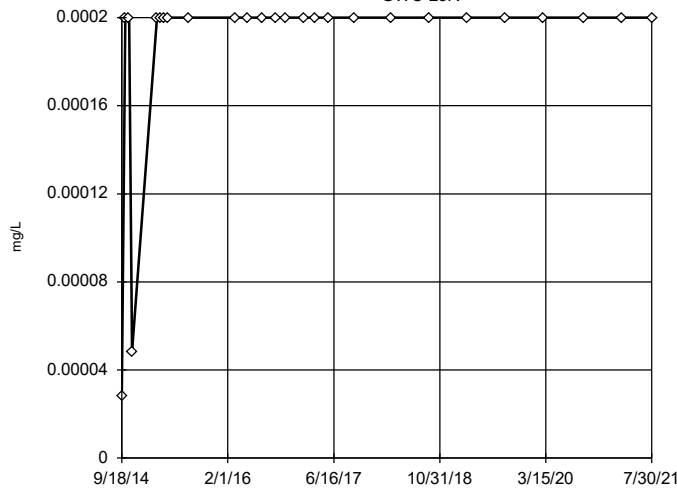


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R

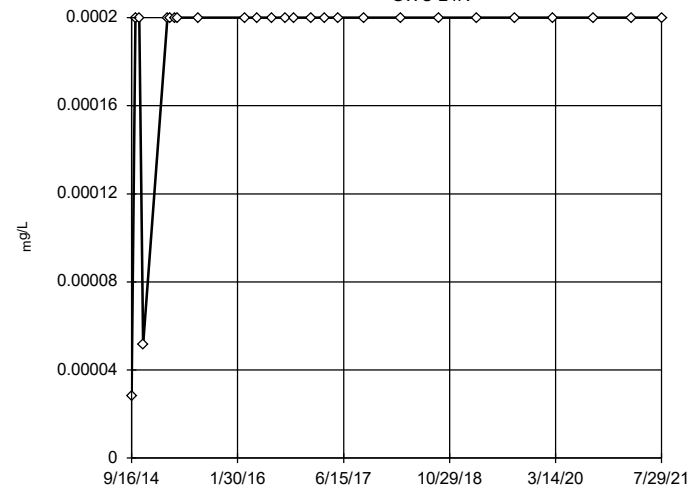


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

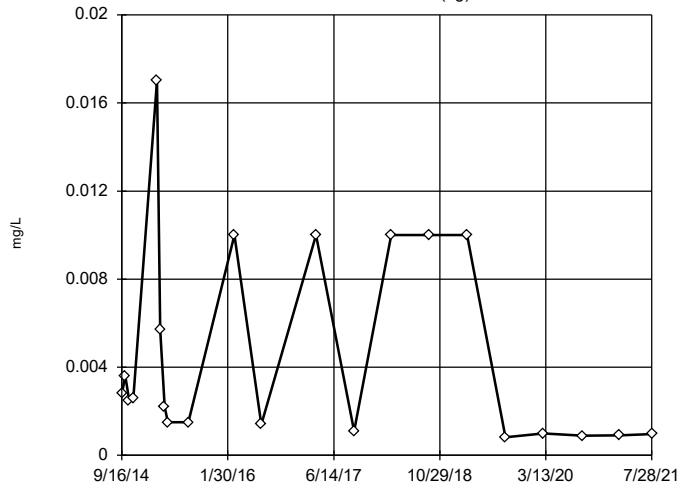
GWC-24R



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

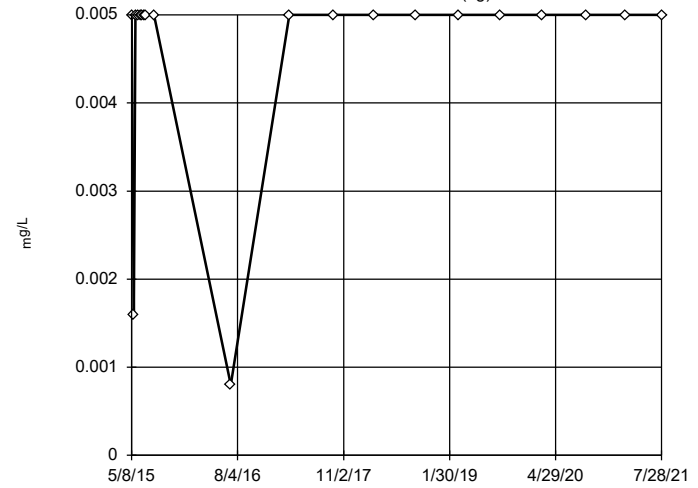
Tukey's Outlier Screening GWA-38 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.668, low cutoff = 0.0000121, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

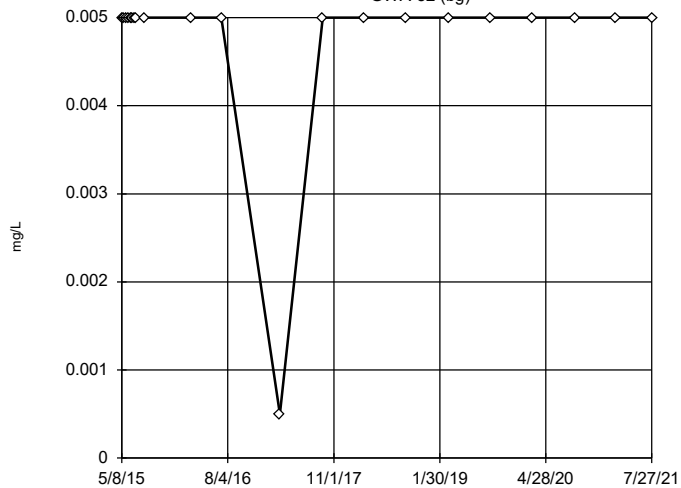
Tukey's Outlier Screening GWA-51RZ (bg)



n = 20
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

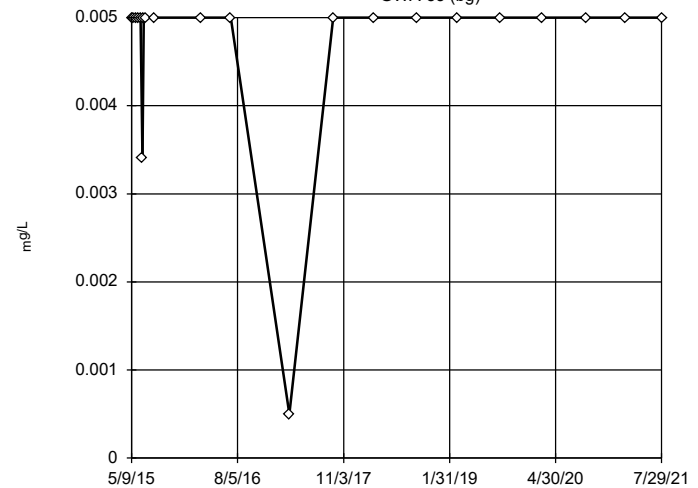
Tukey's Outlier Screening GWA-52 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

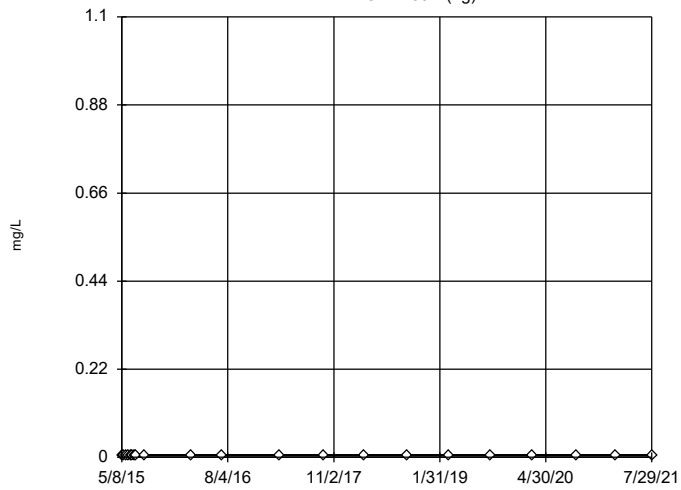
Tukey's Outlier Screening GWA-53 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

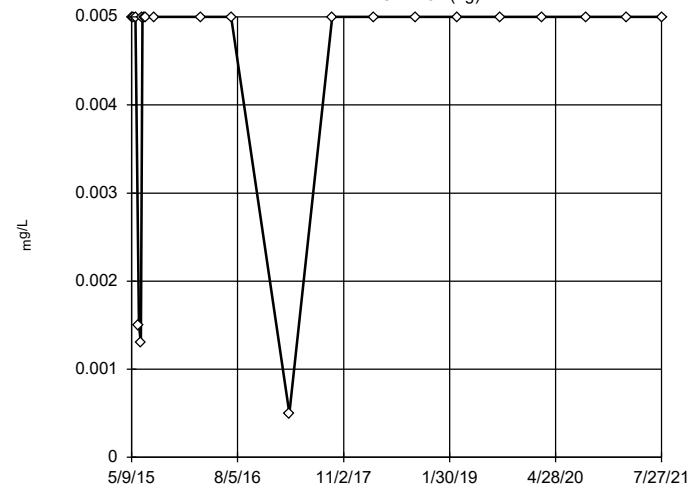
Tukey's Outlier Screening GWA-53R (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

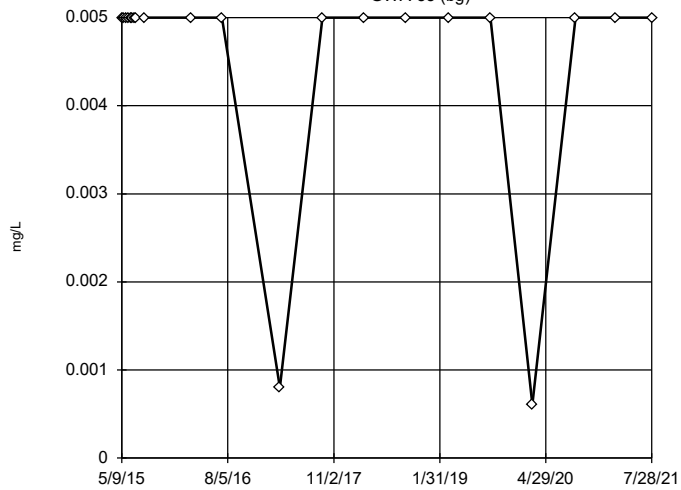
Tukey's Outlier Screening GWA-54 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

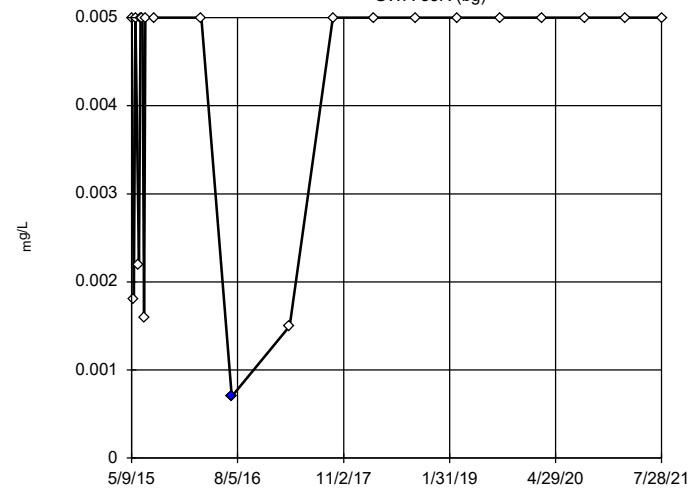
Tukey's Outlier Screening GWA-55 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-55R (bg)

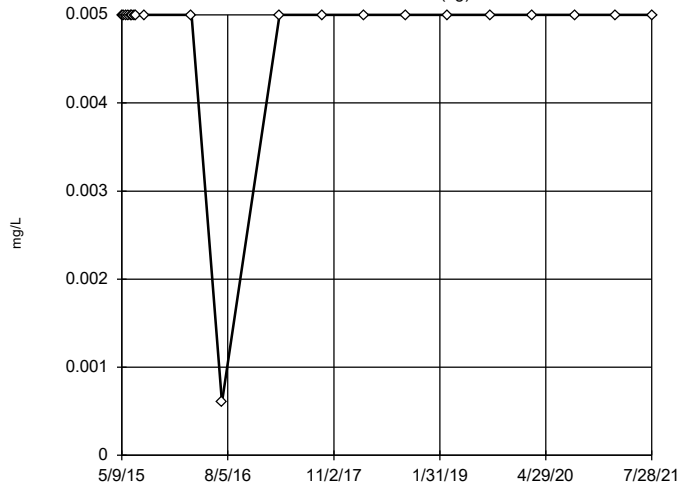


n = 21
 Outlier is drawn as solid.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.01255,
 low cutoff = 0.0007078,
 based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-56 (bg)

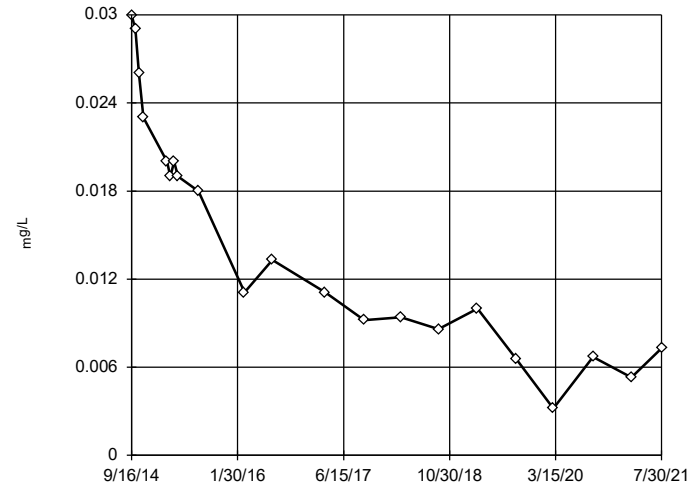


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R

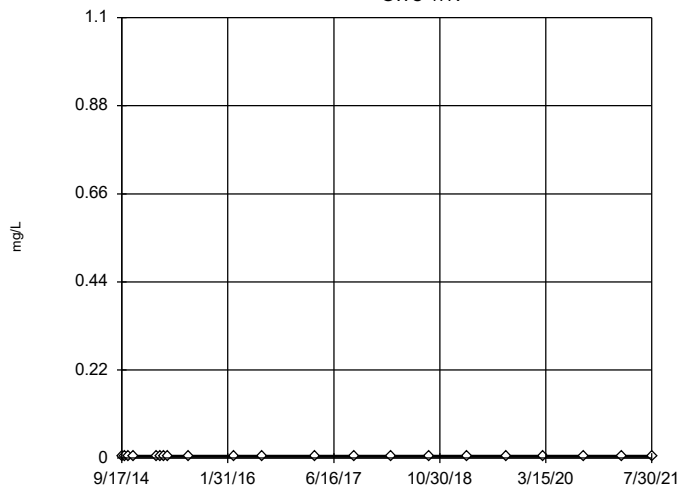


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.1158,
 low cutoff = -0.00004566,
 based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R

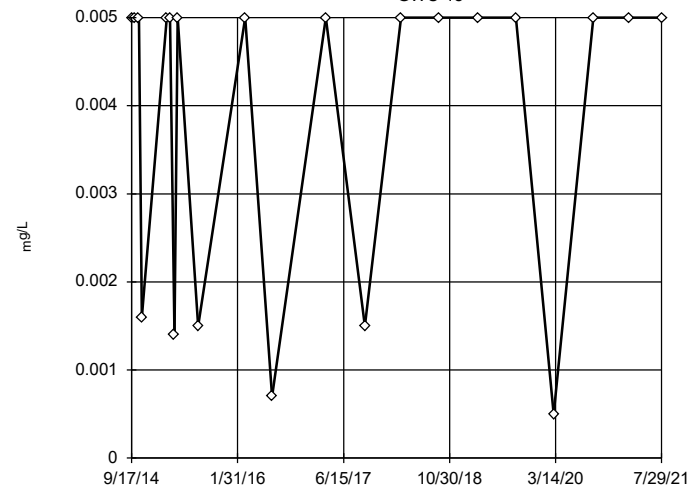


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

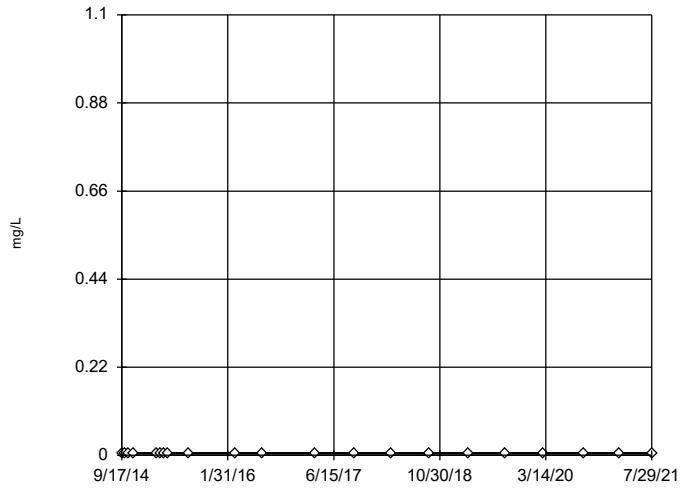
GWC-18



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.1681,
 low cutoff = 0.00004608,
 based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

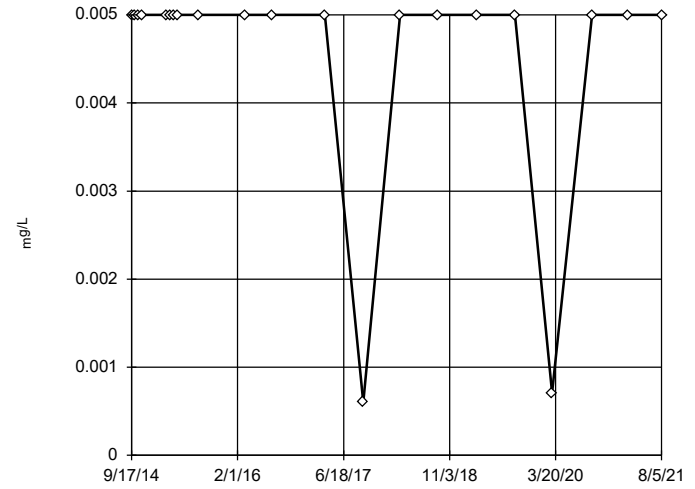
Tukey's Outlier Screening
GWC-18R



n = 21
No outliers found. Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

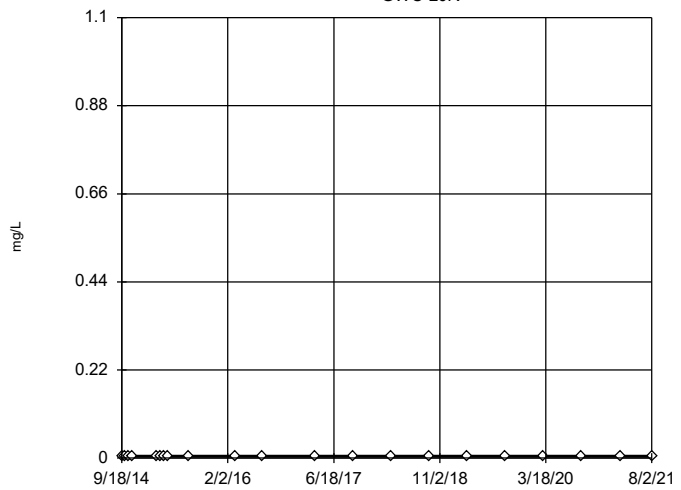
Tukey's Outlier Screening
GWC-19R



n = 21
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

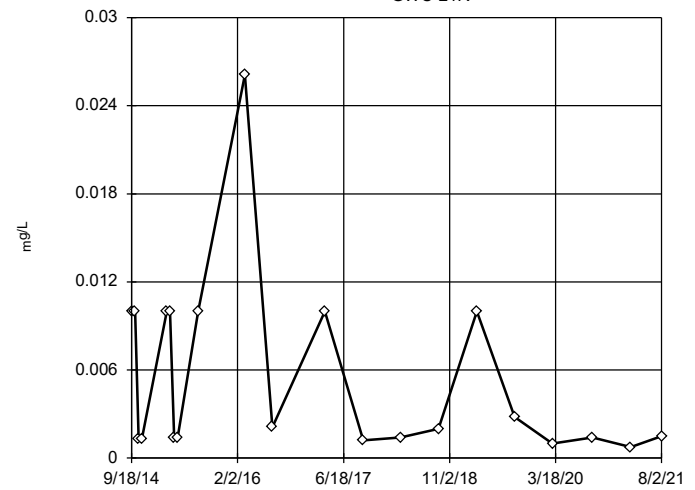
Tukey's Outlier Screening
GWC-20R



n = 21
No outliers found. Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

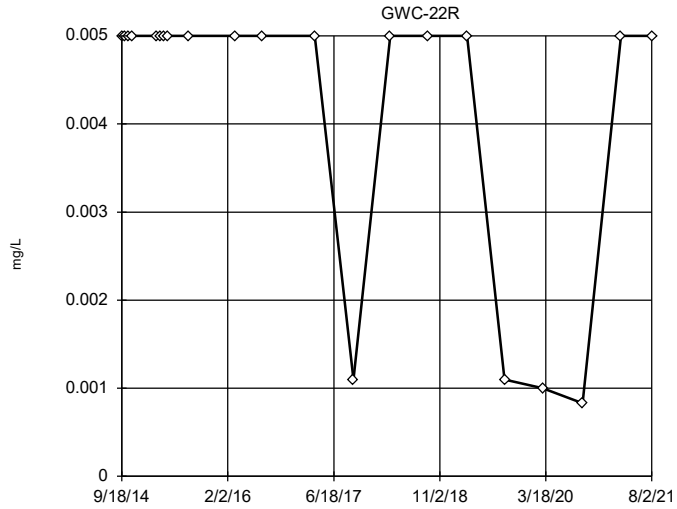
Tukey's Outlier Screening
GWC-21R



n = 21
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 4.073, low cutoff = 0.00003312, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

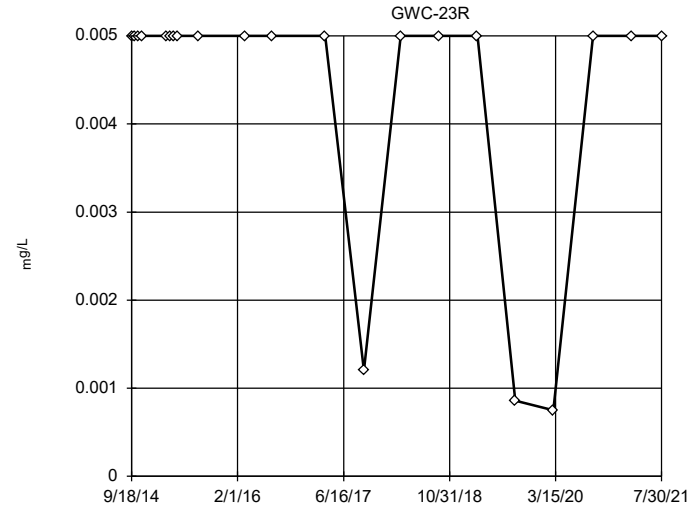
Tukey's Outlier Screening



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

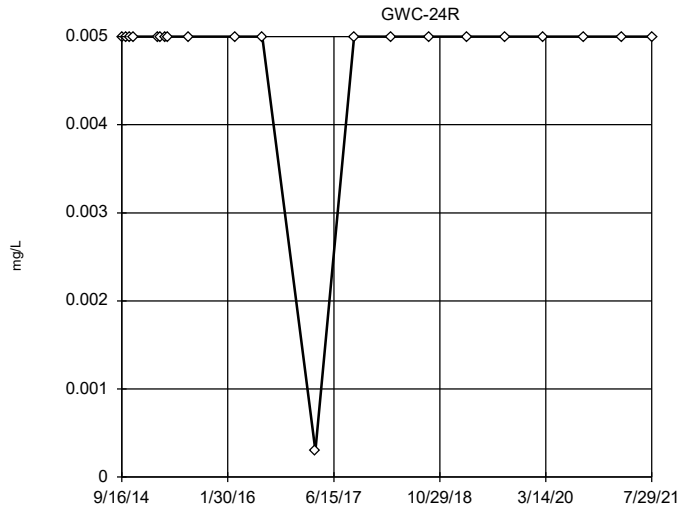
Tukey's Outlier Screening



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:51 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

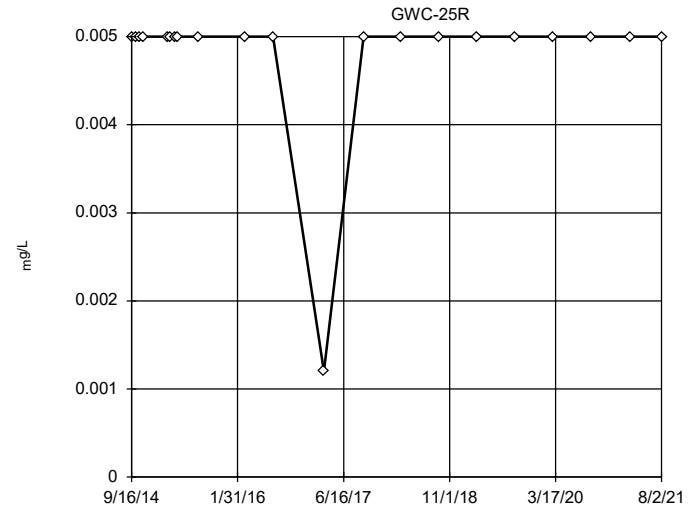
Tukey's Outlier Screening



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

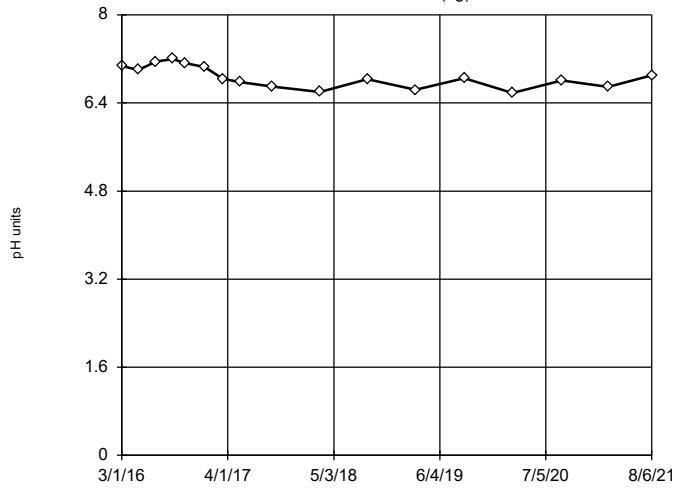
Tukey's Outlier Screening



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

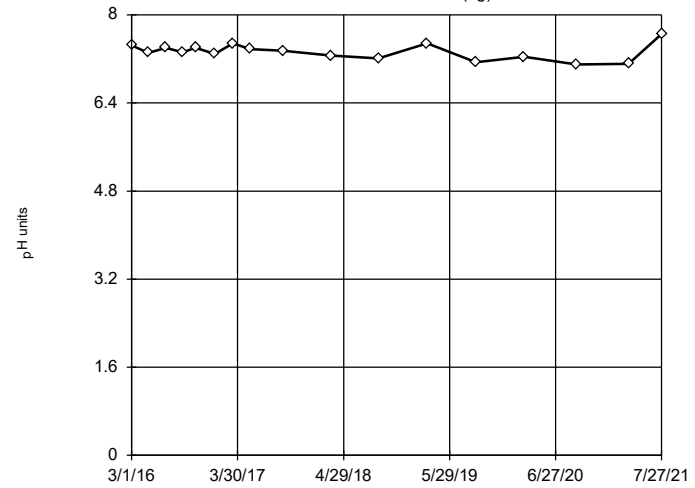
Tukey's Outlier Screening GWA-36 (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.279, low cutoff = 5.709, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

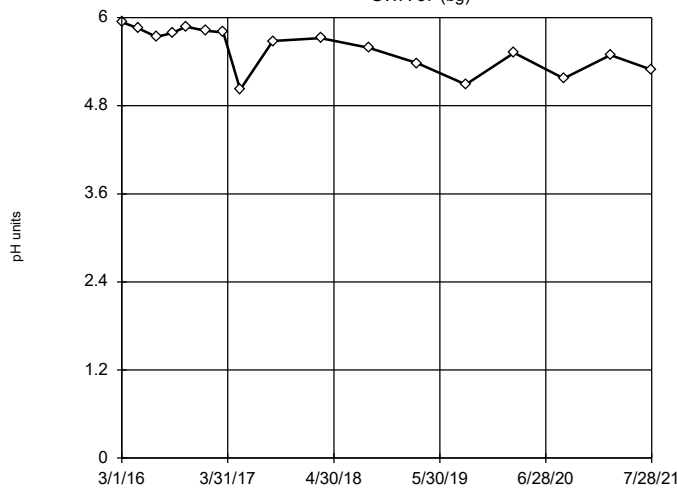
Tukey's Outlier Screening GWA-36RA (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.059, low cutoff = 6.657, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

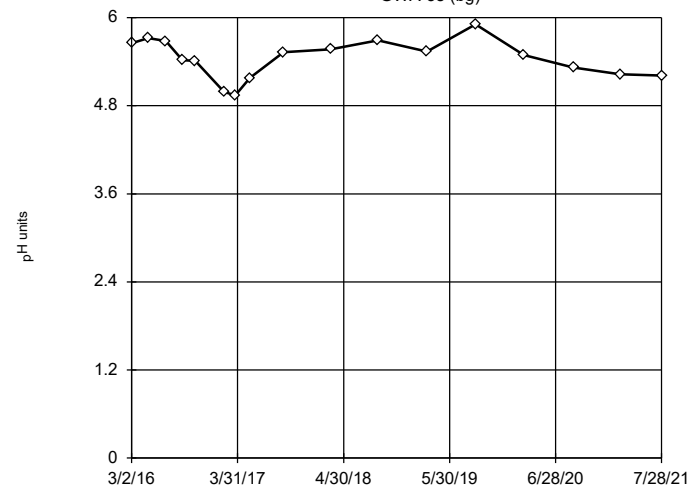
Tukey's Outlier Screening GWA-37 (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were x*6 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 6.626, low cutoff = -5.336, based on IQR multiplier of 3.

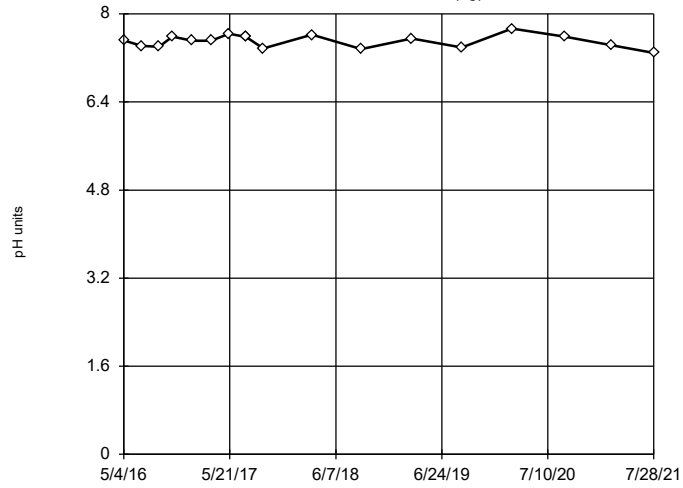
Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-38 (bg)



Tukey's Outlier Screening

GWA-51RZ (bg)

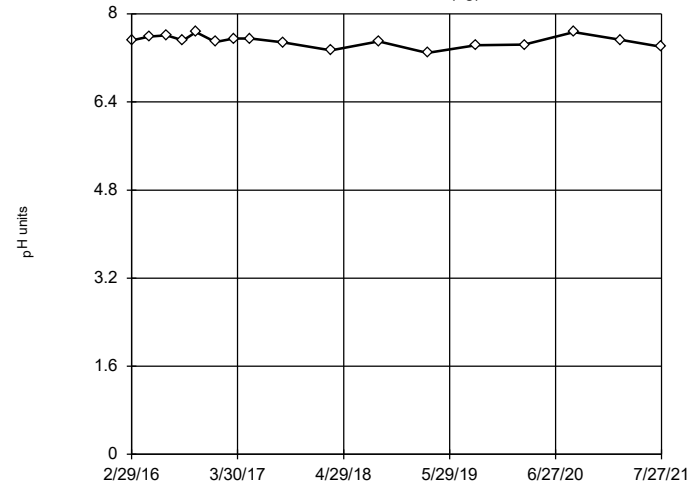


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were x⁴ transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.099, low cutoff = 6.693, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

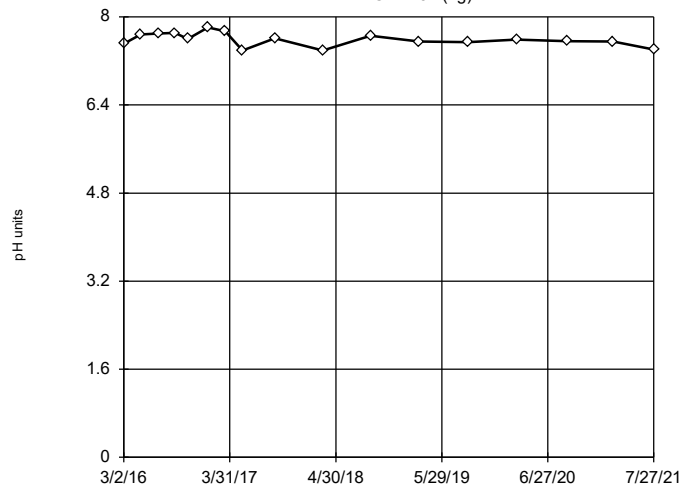
Tukey's Outlier Screening

GWA-52 (bg)



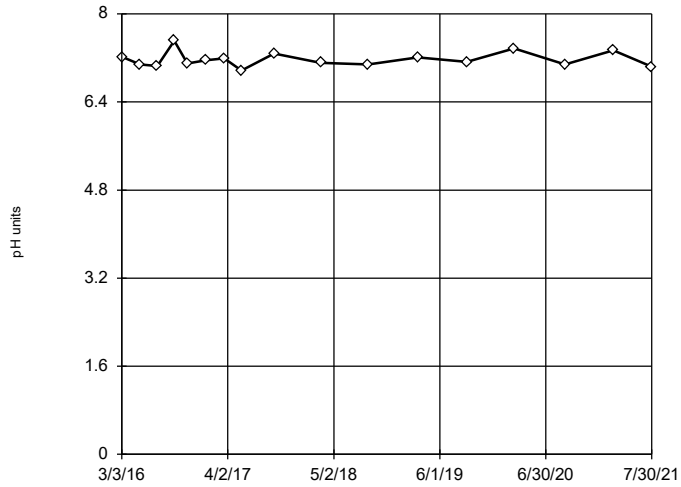
Tukey's Outlier Screening

GWA-54 (bg)



Tukey's Outlier Screening

GWC-16R



n = 17

No outliers found. Tukey's method selected by user.

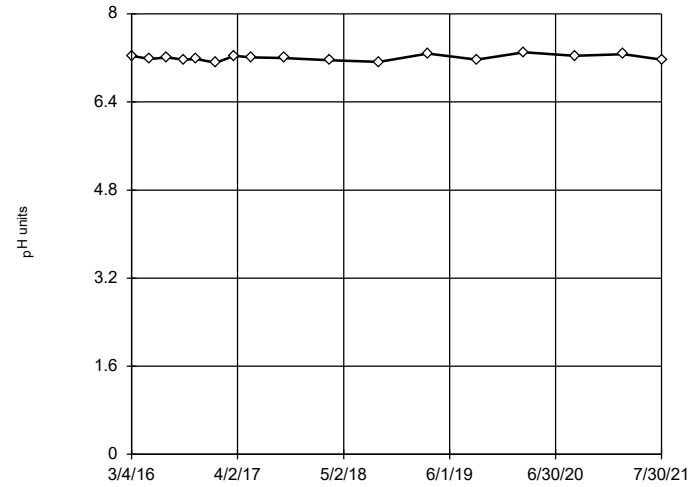
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.785, low cutoff = 6.594, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R



n = 17

No outliers found. Tukey's method selected by user.

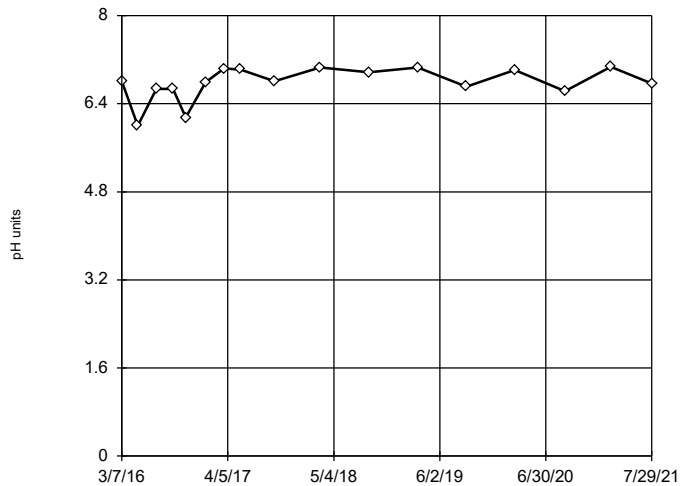
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.454, low cutoff = 6.964, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18



n = 17

No outliers found. Tukey's method selected by user.

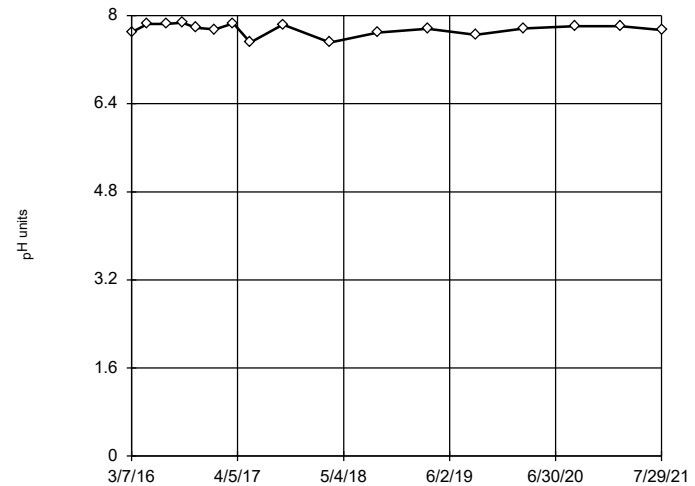
Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.762, low cutoff = 4.635, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R



n = 17

No outliers found. Tukey's method selected by user.

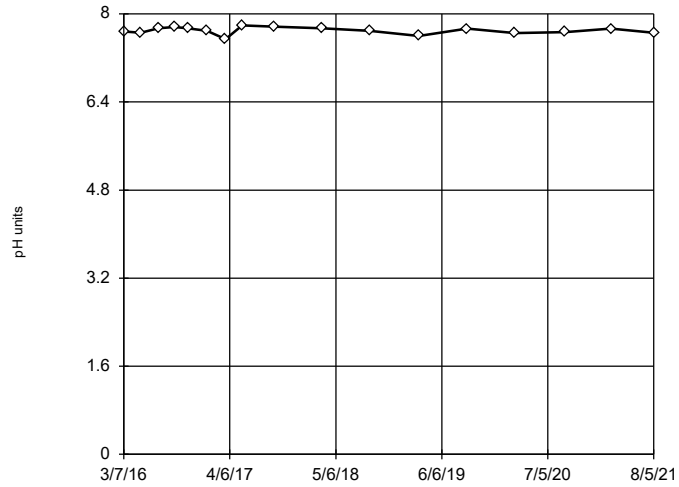
Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.225, low cutoff = 7.128, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R

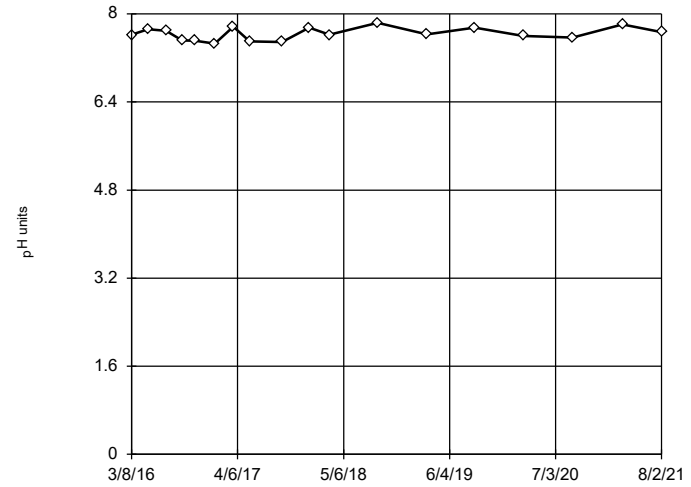


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were x*6 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 7.958, low cutoff = 7.391, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R

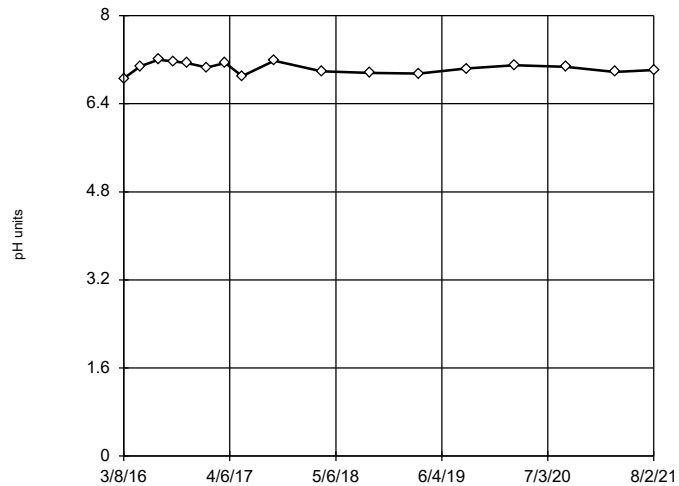


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.5, low cutoff = 6.852, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

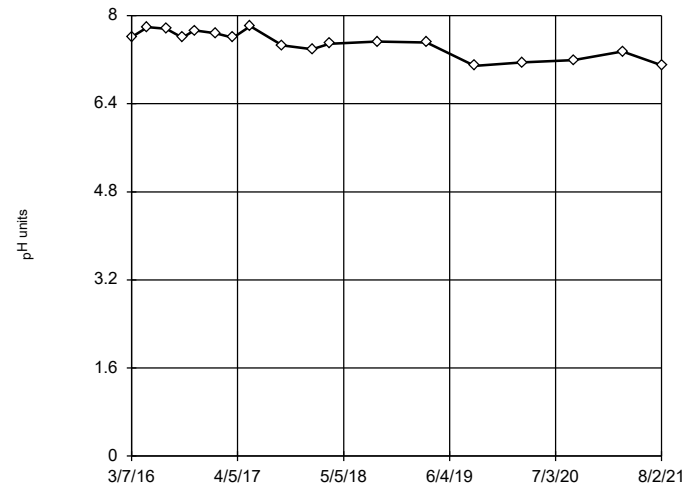


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were x*6 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 7.555, low cutoff = 6.277, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R

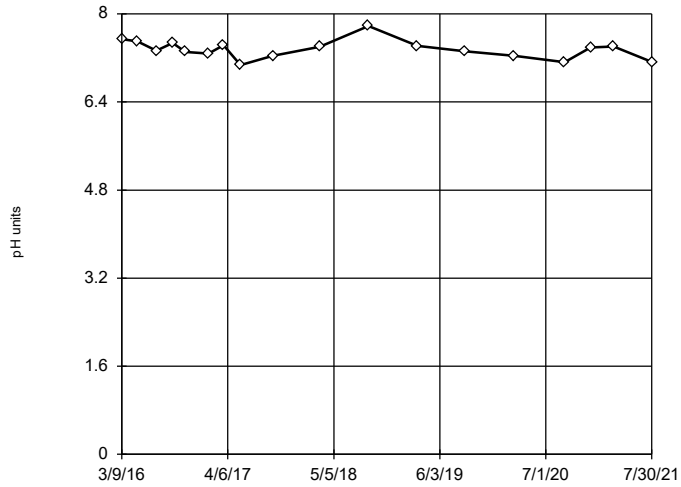


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were x*6 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.56, low cutoff = -5.751, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R

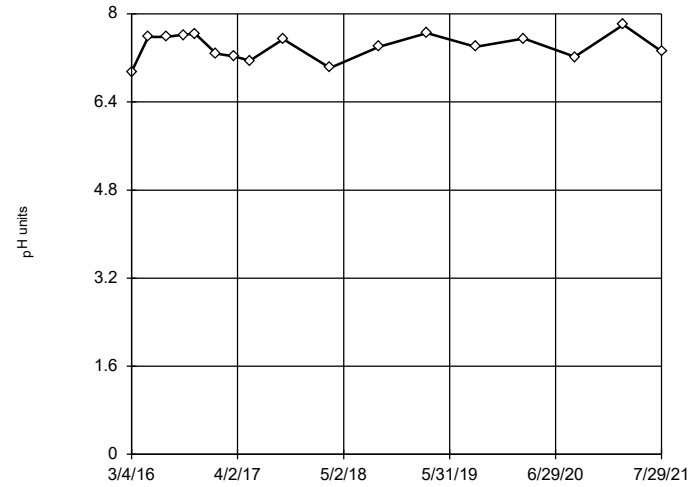


n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.117, low cutoff = 6.645, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-24R

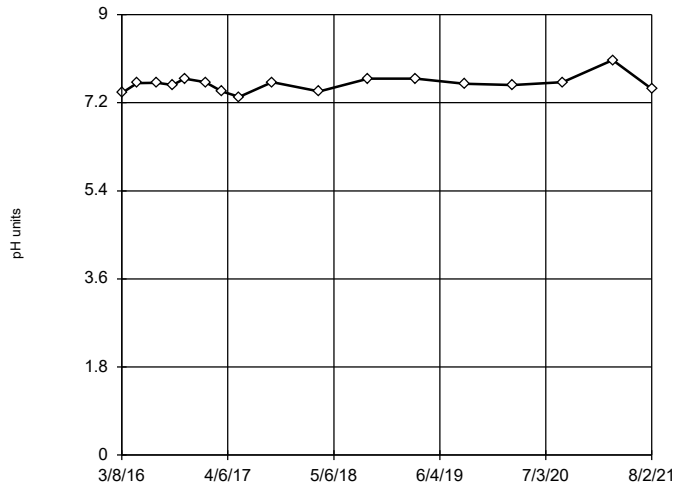


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were x^6 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.371, low cutoff = -4.577, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-25R

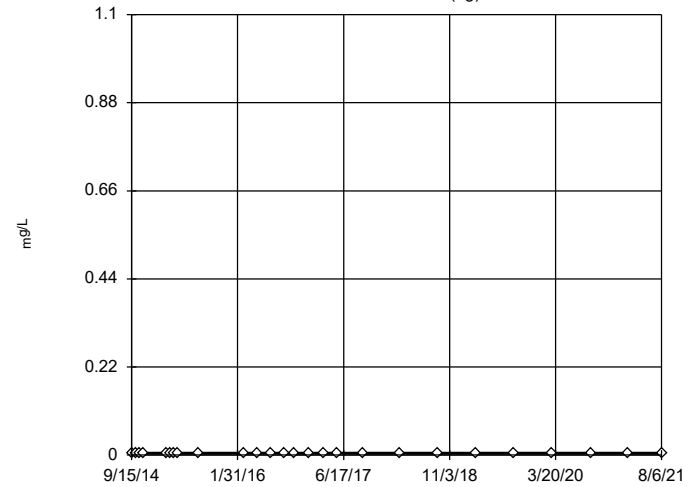


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.288, low cutoff = 6.886, based on IQR multiplier of 3.

Constituent: pH Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

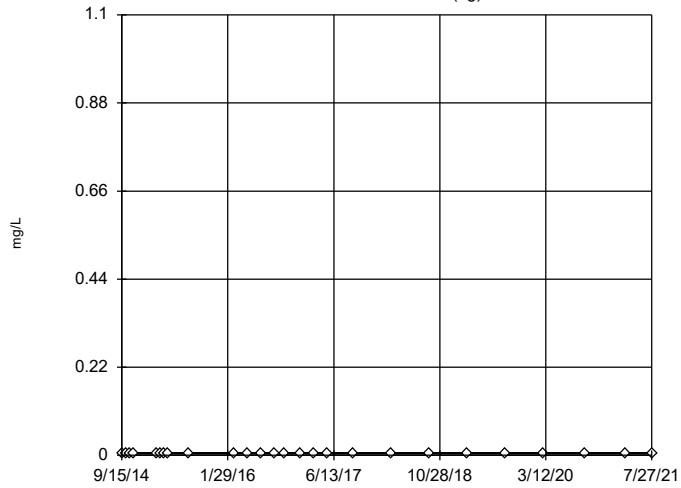
GWA-36 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

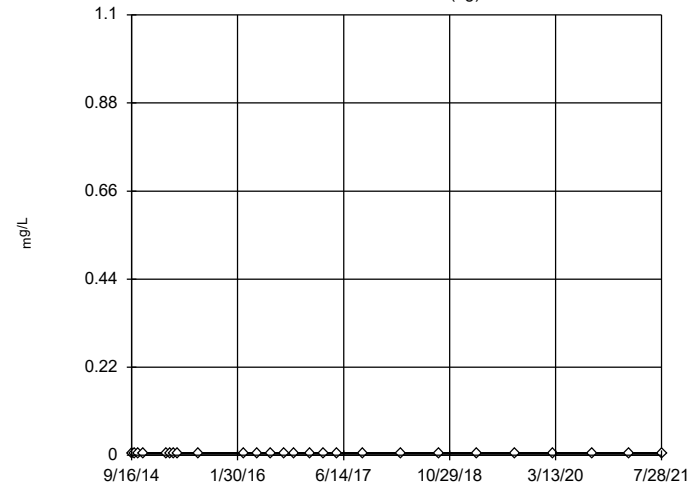
Tukey's Outlier Screening GWA-36RA (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

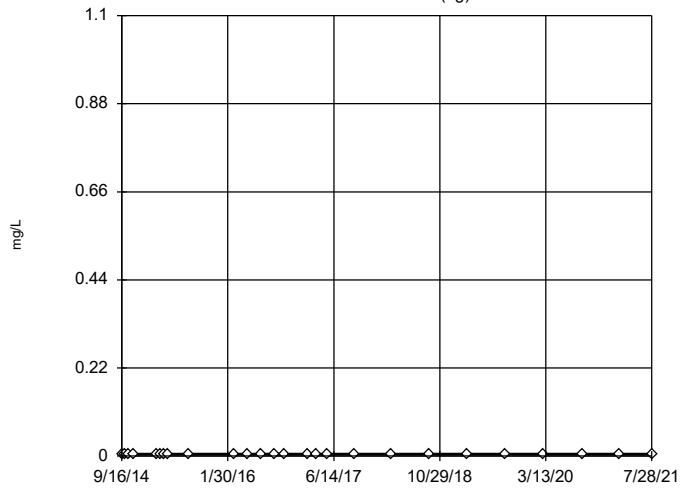
Tukey's Outlier Screening GWA-37 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

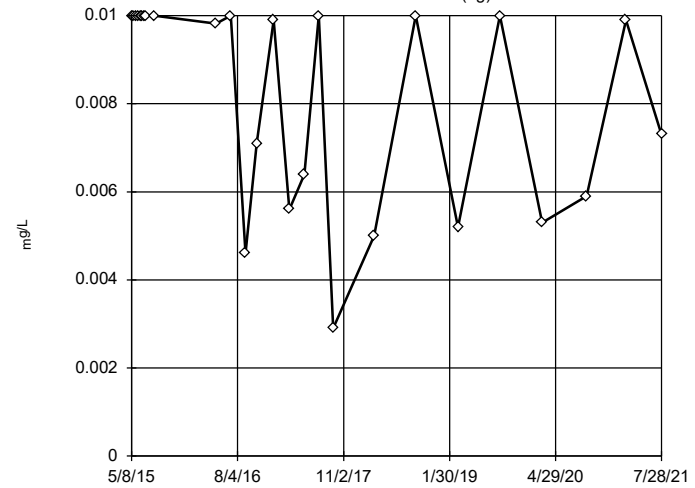
Tukey's Outlier Screening GWA-38 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

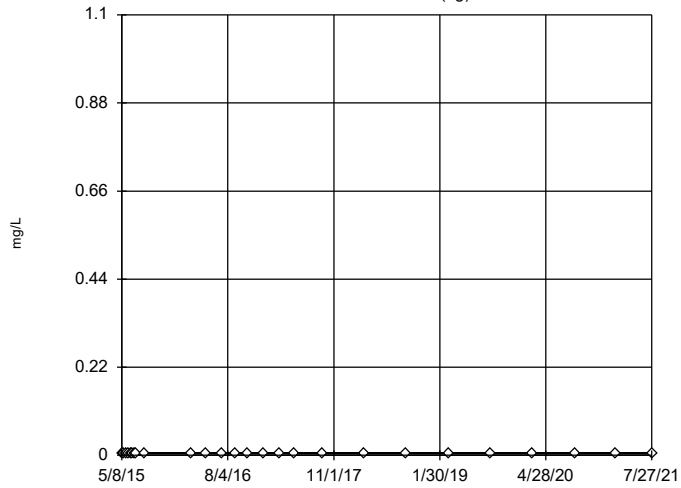
Tukey's Outlier Screening GWA-51RZ (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.02977,
 low cutoff = 0.00001082,
 based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

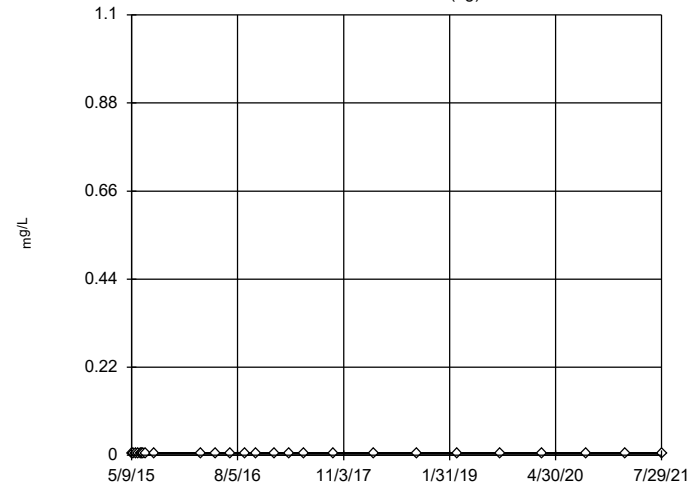
Tukey's Outlier Screening GWA-52 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

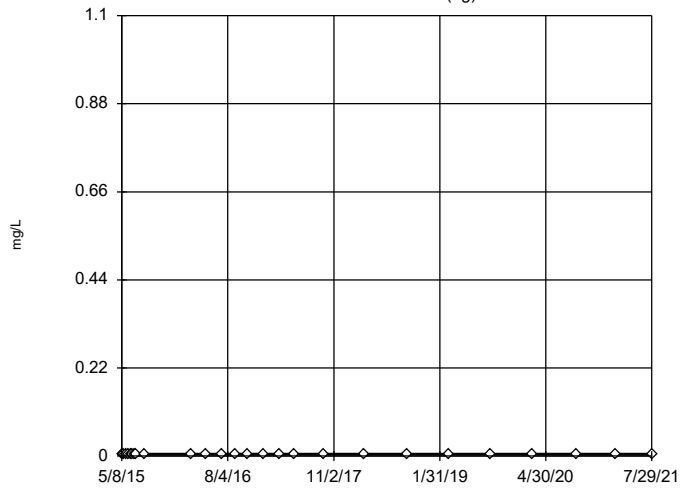
Tukey's Outlier Screening GWA-53 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

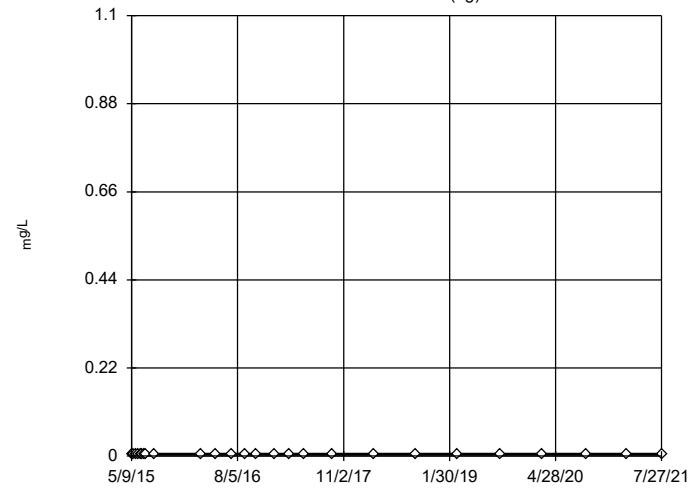
Tukey's Outlier Screening GWA-53R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

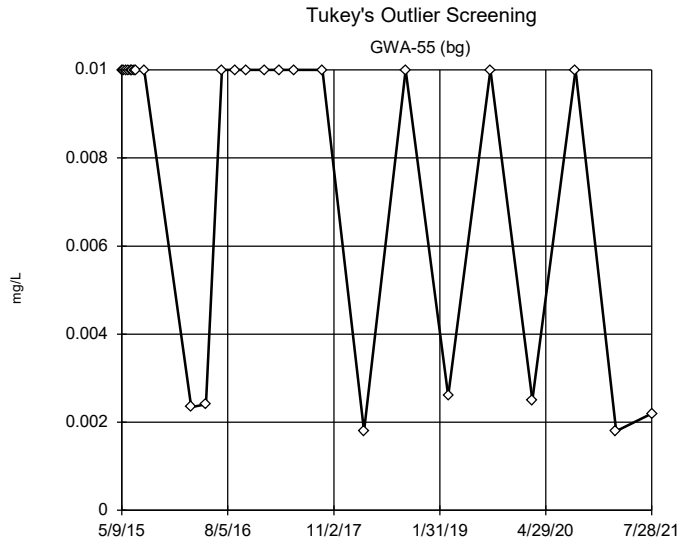
Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-54 (bg)



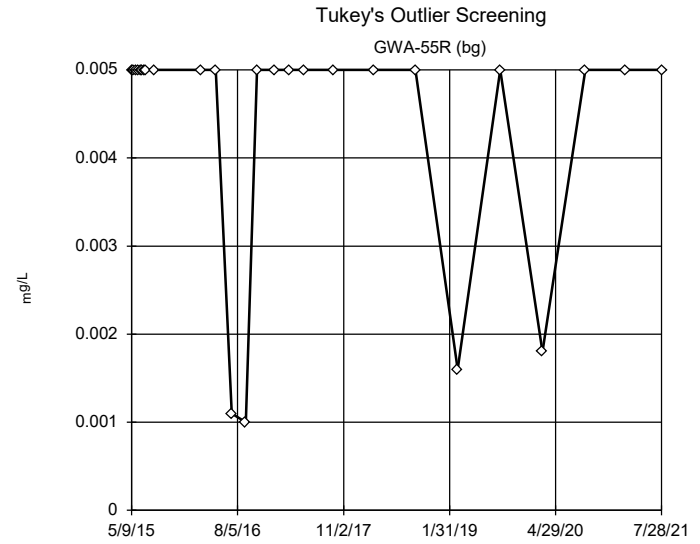
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



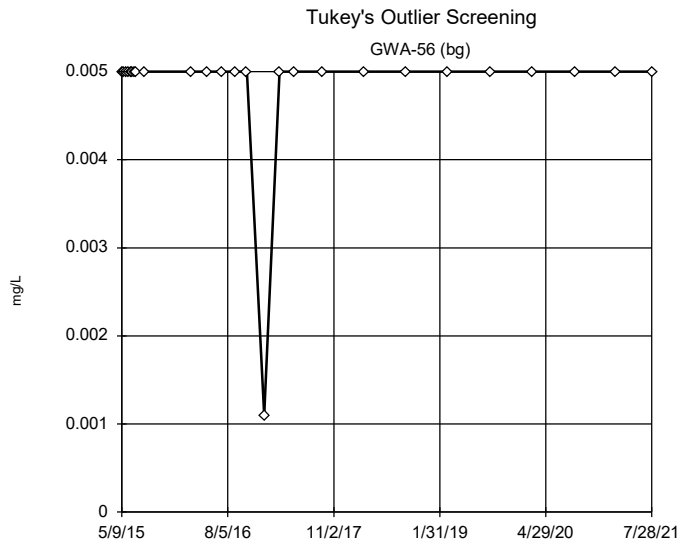
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.6034,
 low cutoff = 0.0004225,
 based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



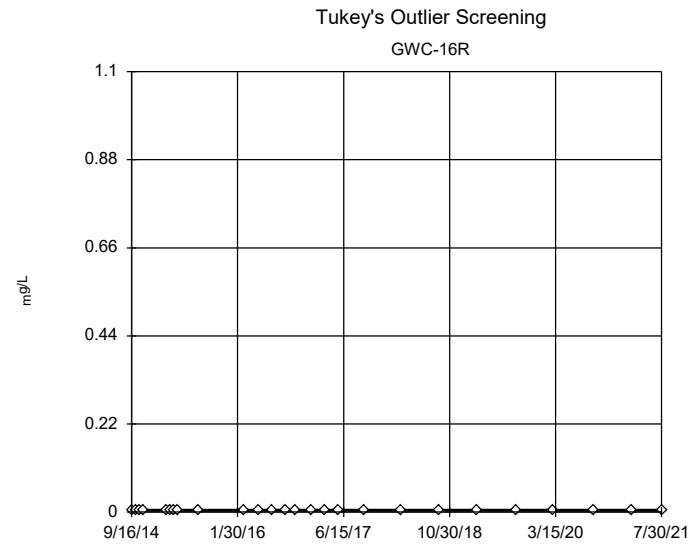
n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x*6 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

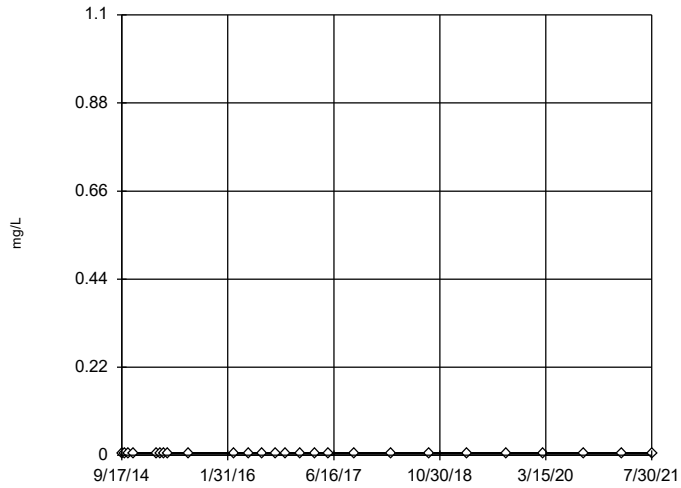


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R

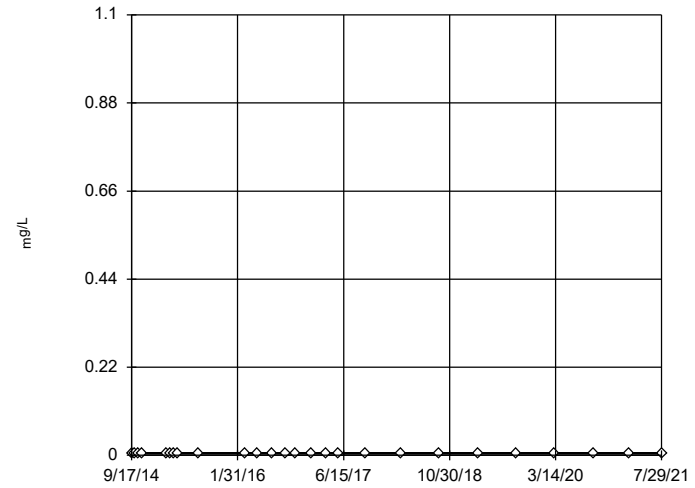


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18

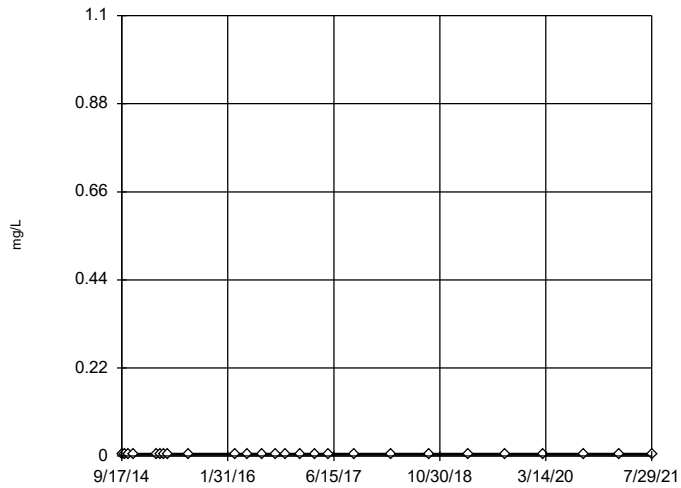


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R

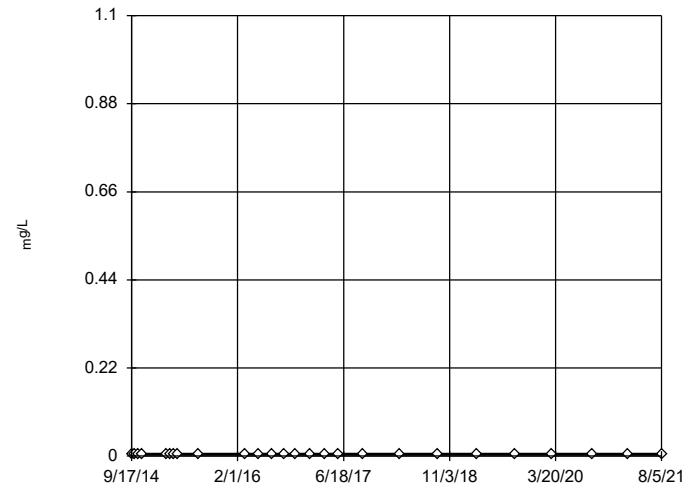


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R

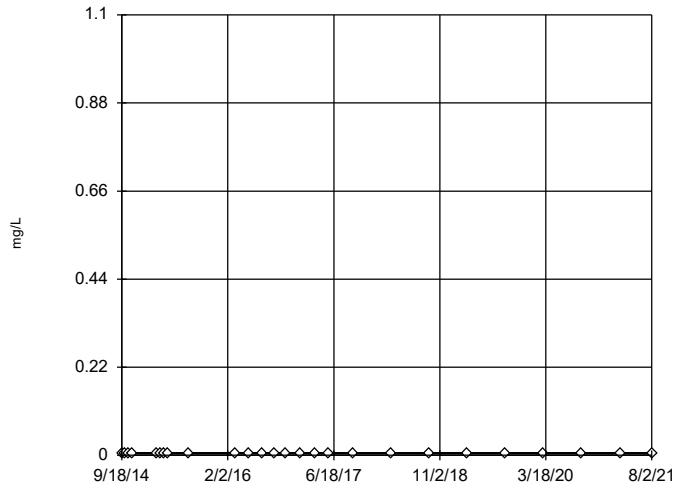


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R

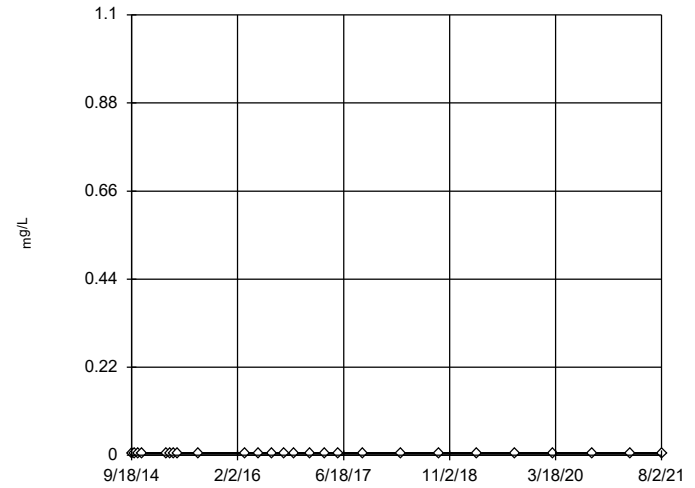


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

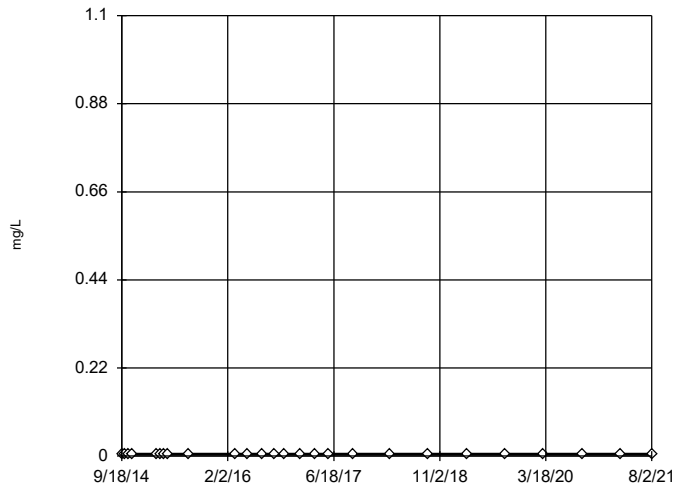


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R

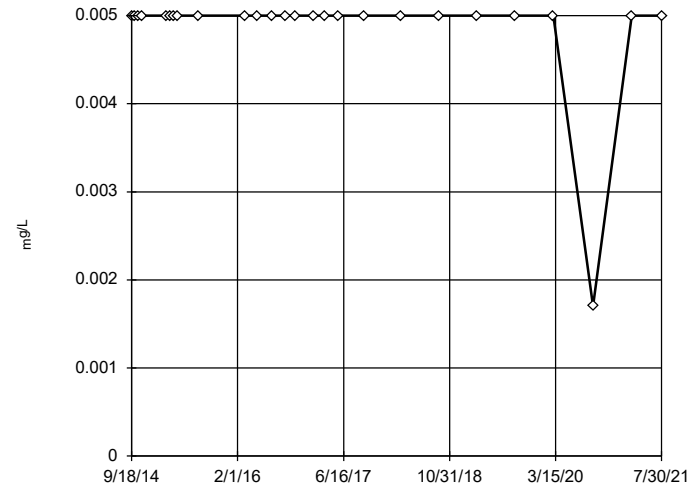


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R

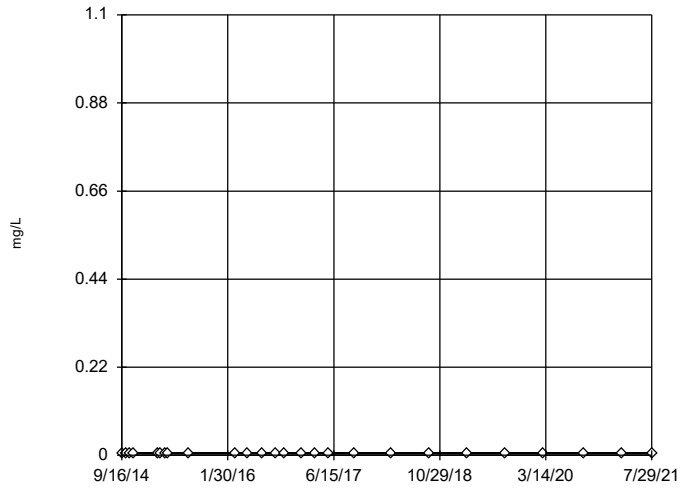


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-24R

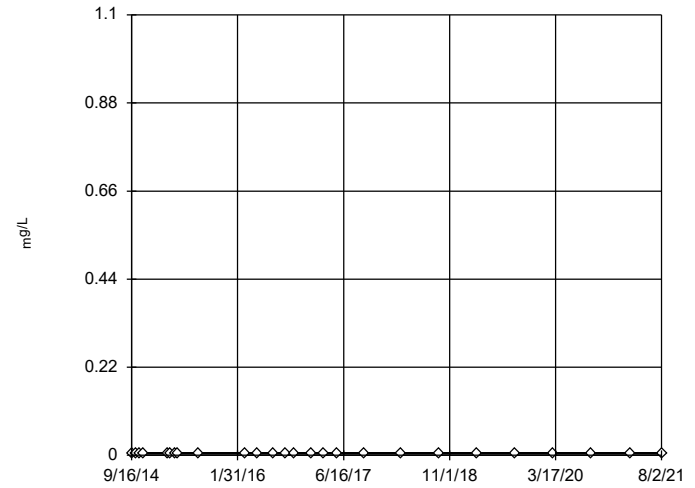


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-25R

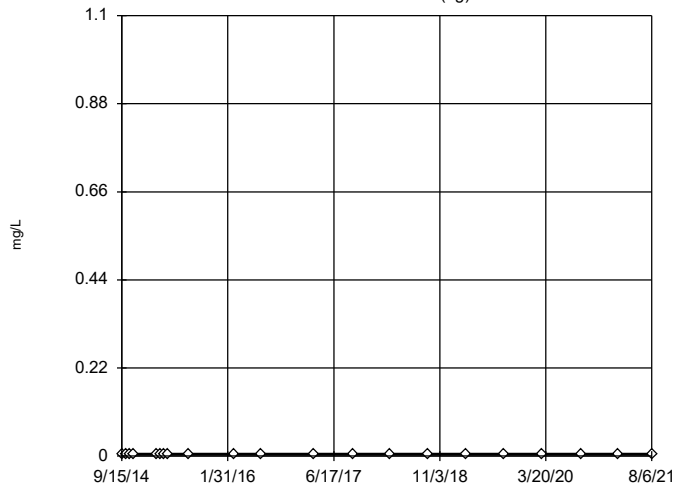


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-36 (bg)

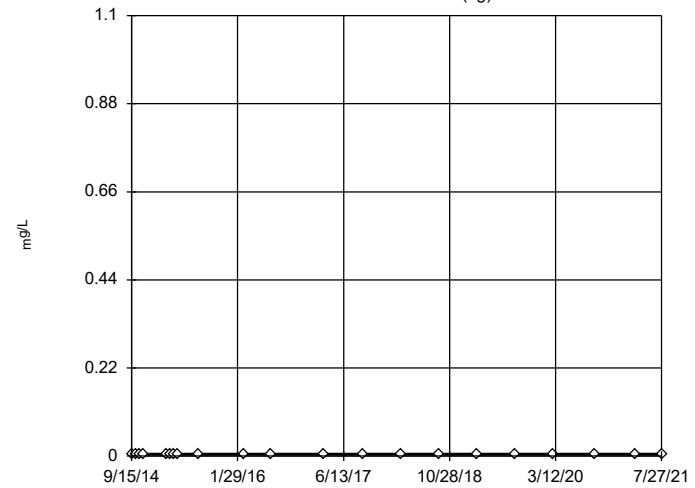


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

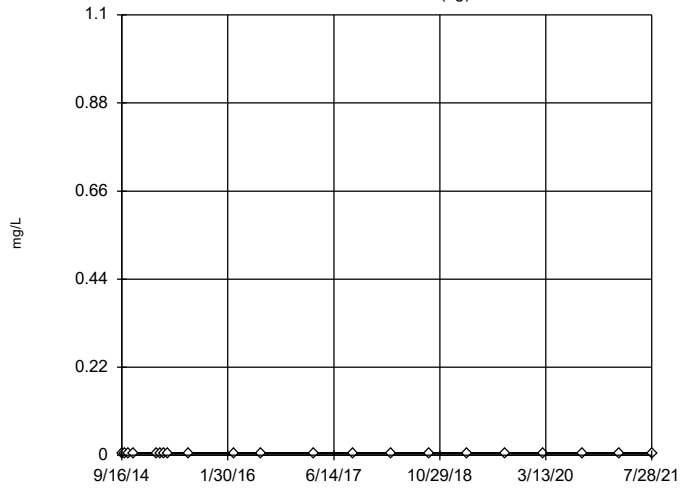
GWA-36RA (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

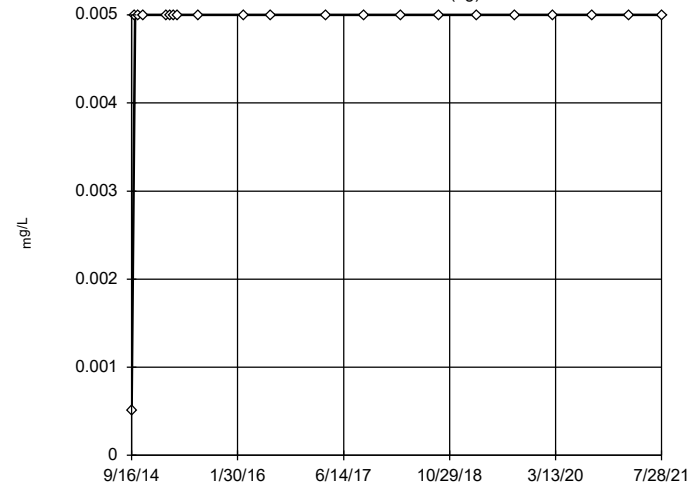
Tukey's Outlier Screening GWA-37 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

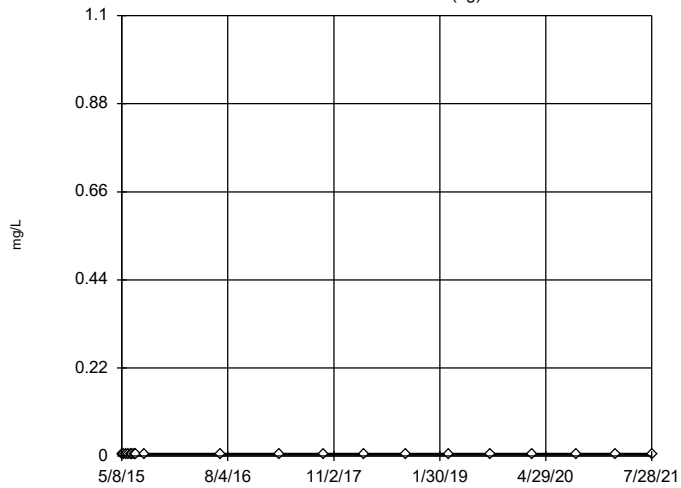
Tukey's Outlier Screening GWA-38 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were x⁶ transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

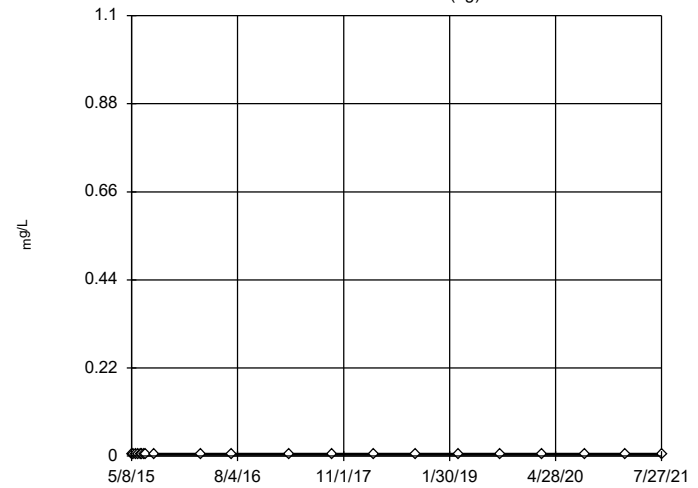
Tukey's Outlier Screening GWA-51RZ (bg)



n = 20
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

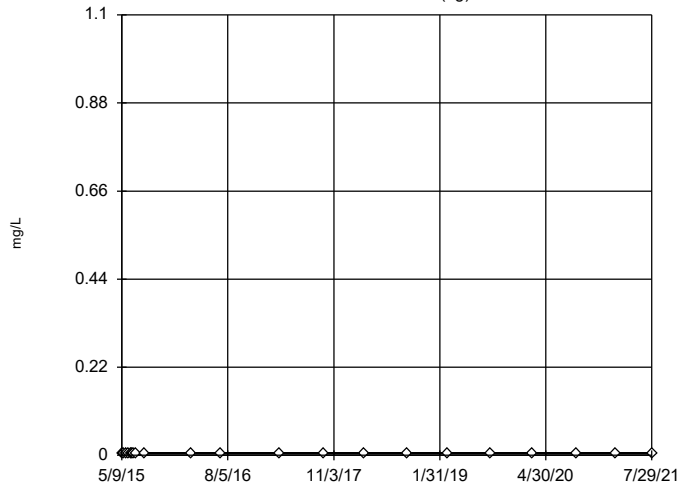
Tukey's Outlier Screening GWA-52 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

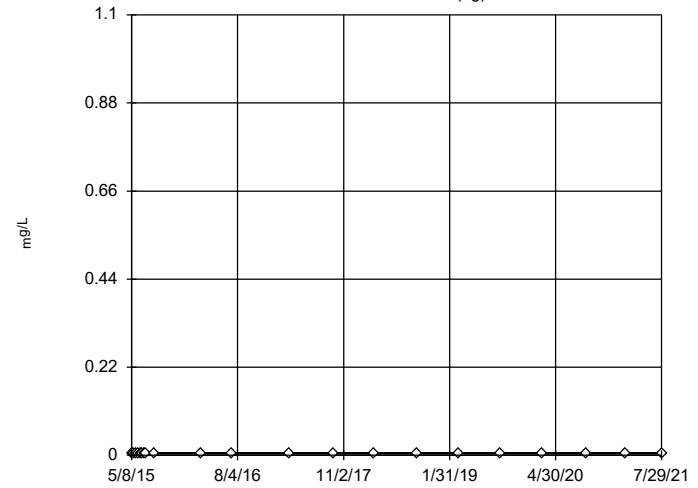
Tukey's Outlier Screening GWA-53 (bg)



n = 21
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

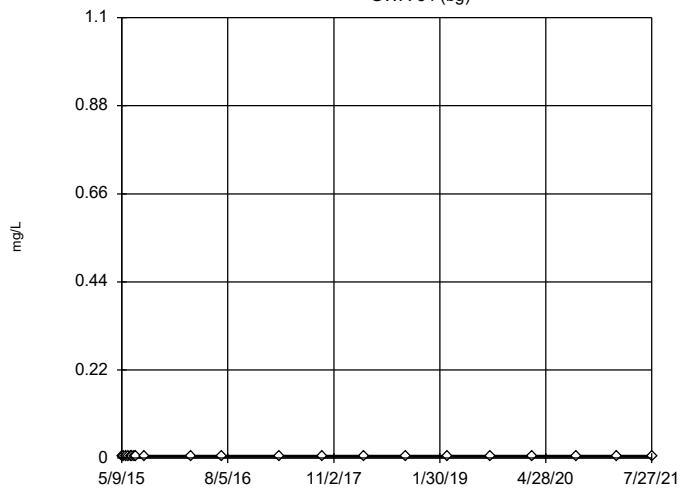
Tukey's Outlier Screening GWA-53R (bg)



n = 21
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

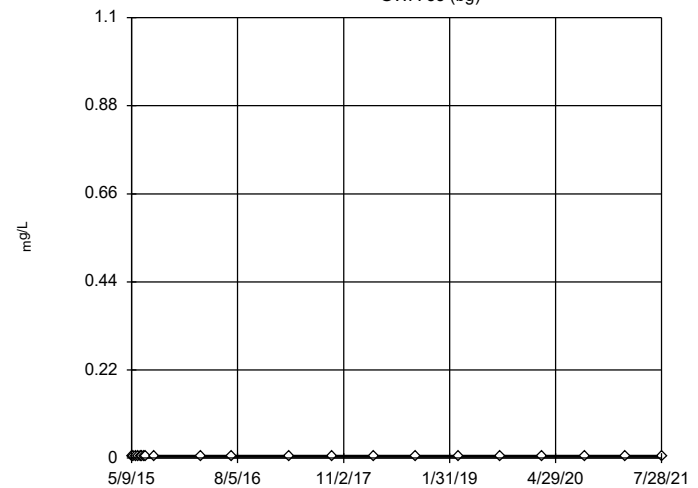
Tukey's Outlier Screening GWA-54 (bg)



n = 21
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-55 (bg)

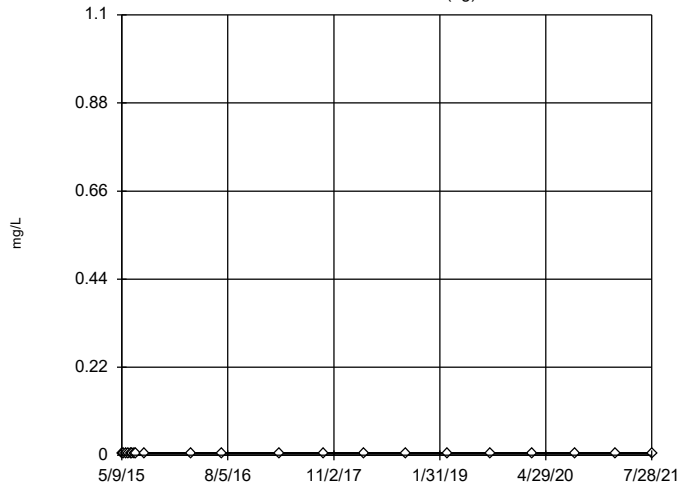


n = 21
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:52 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55R (bg)

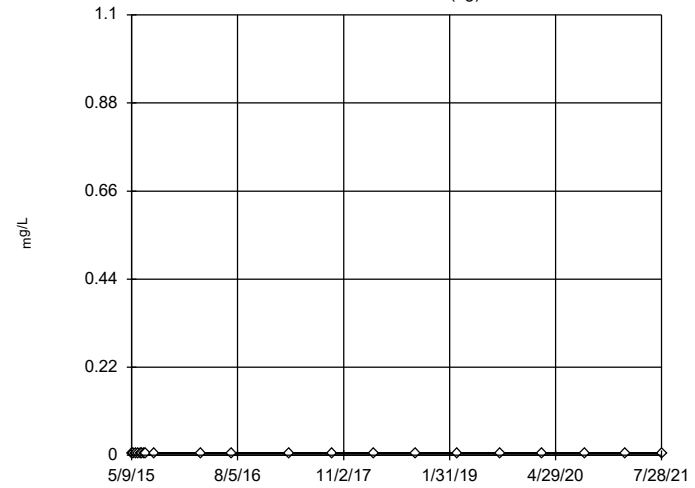


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-56 (bg)

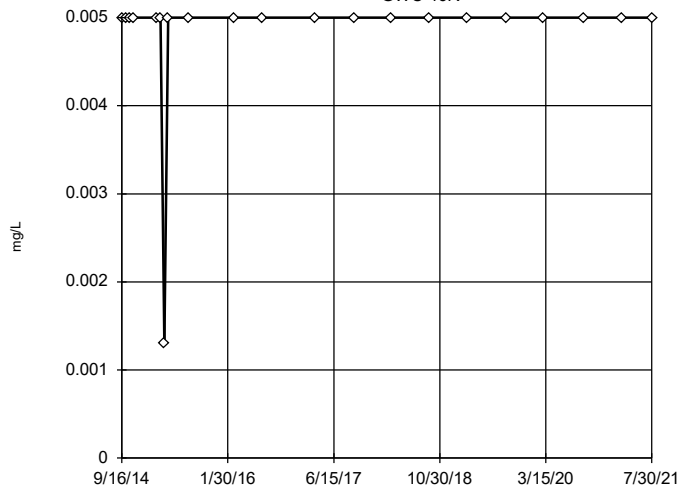


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R

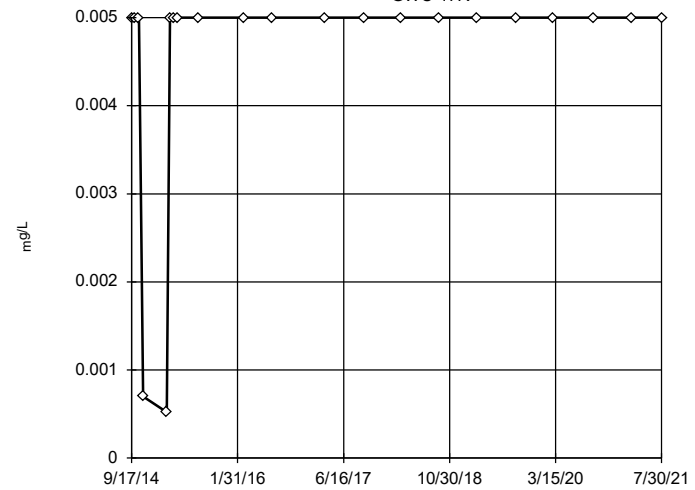


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were x*6 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

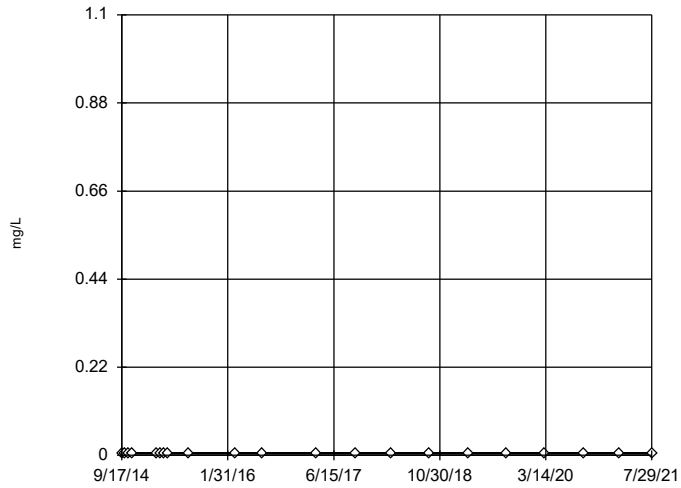
GWC-17R



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

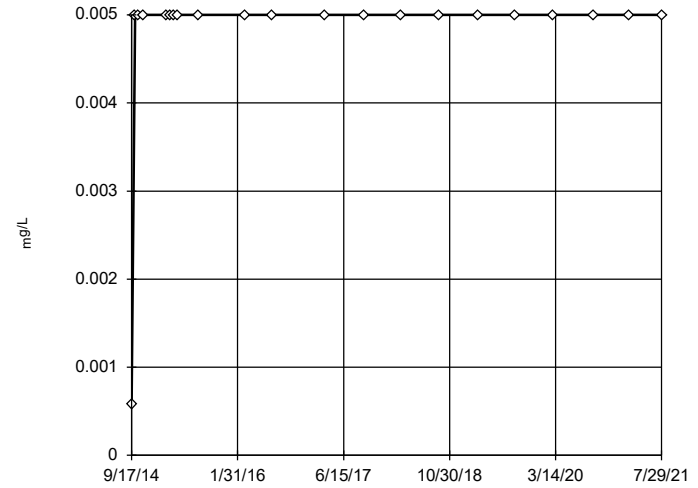
Tukey's Outlier Screening GWC-18



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

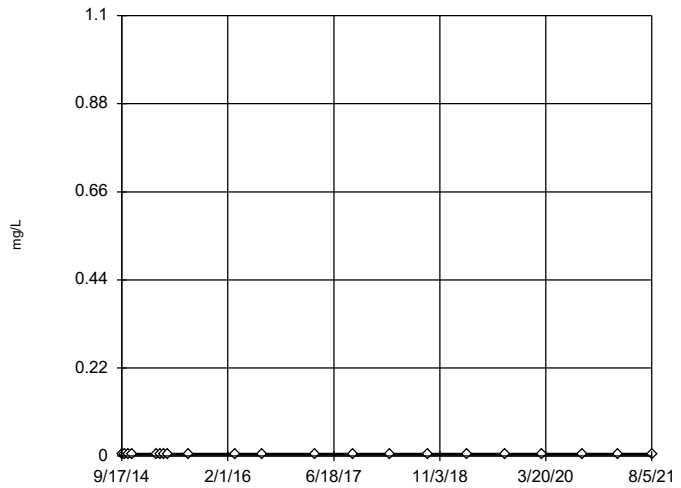
Tukey's Outlier Screening GWC-18R



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

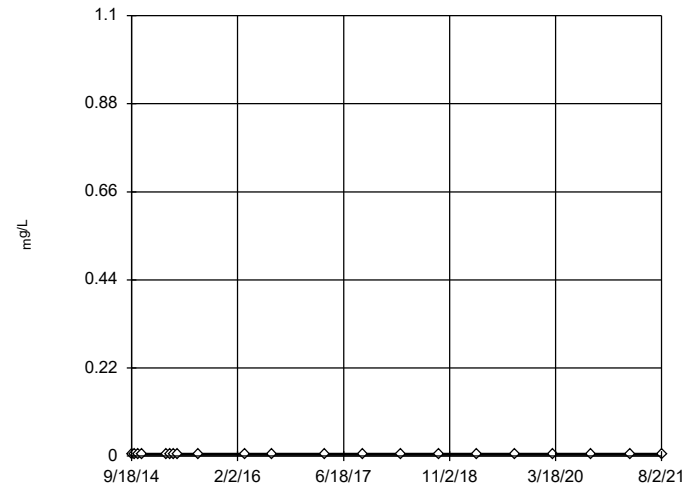
Tukey's Outlier Screening GWC-19R



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWC-20R

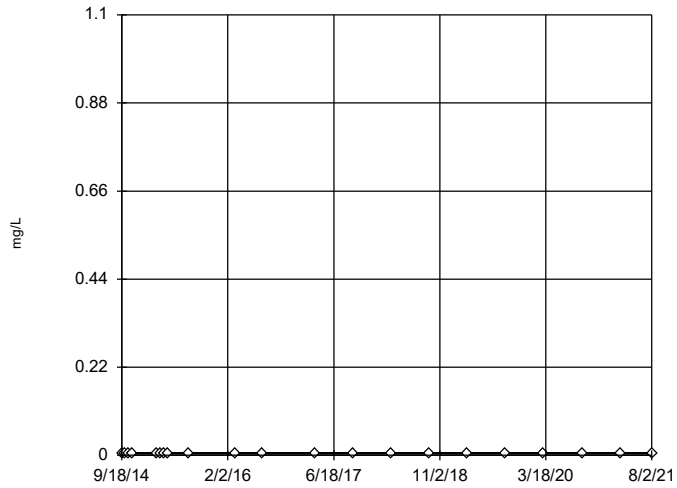


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

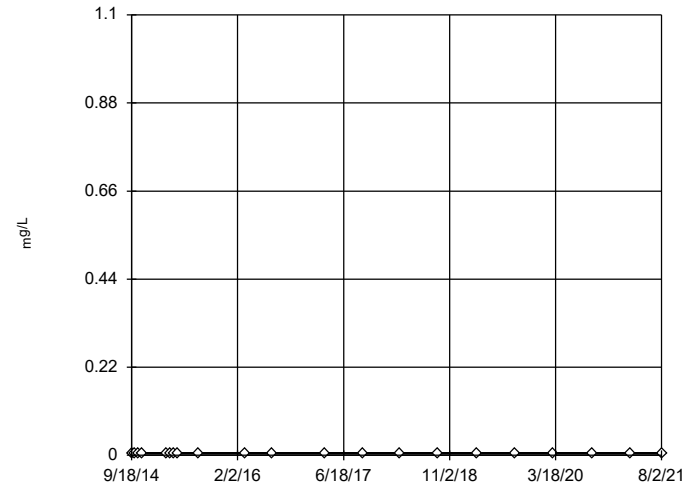


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R

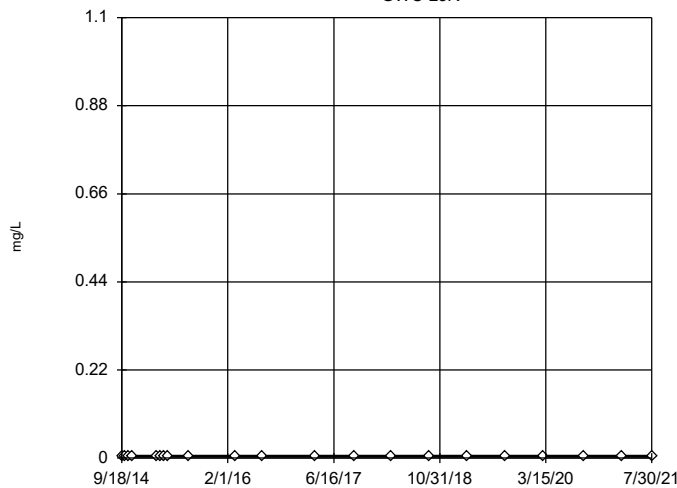


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R

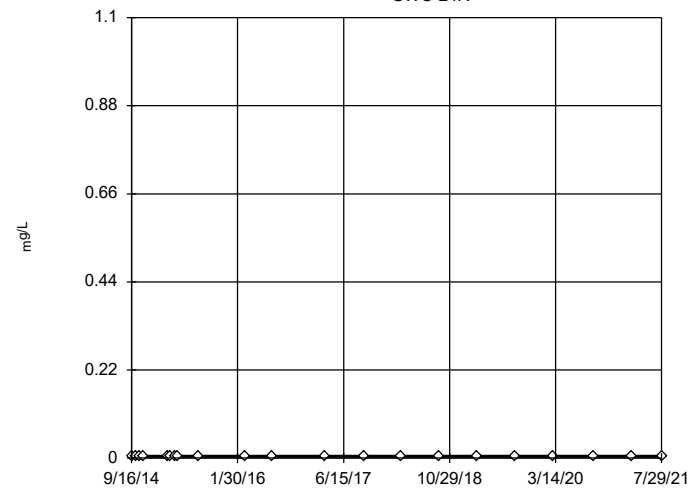


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

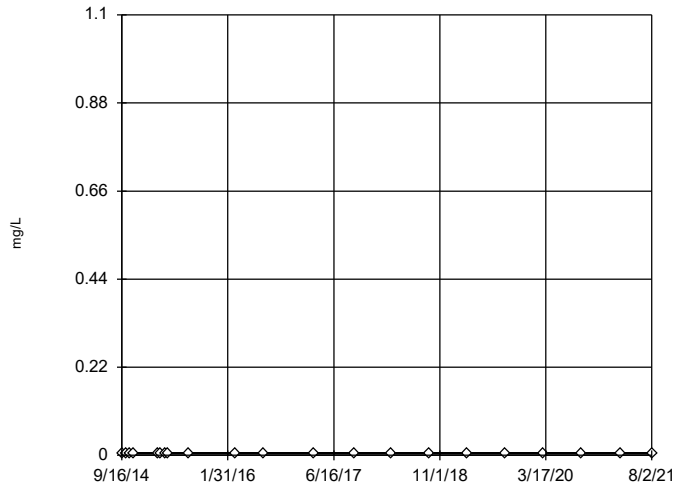
GWC-24R



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

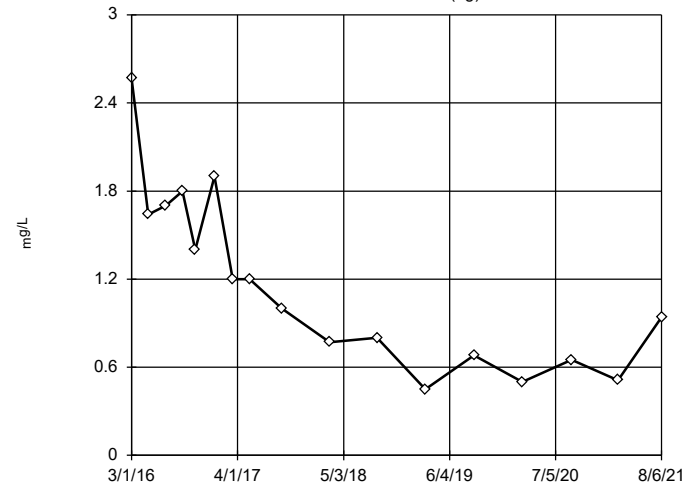
Tukey's Outlier Screening
GWC-25R



n = 21
No outliers found. Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

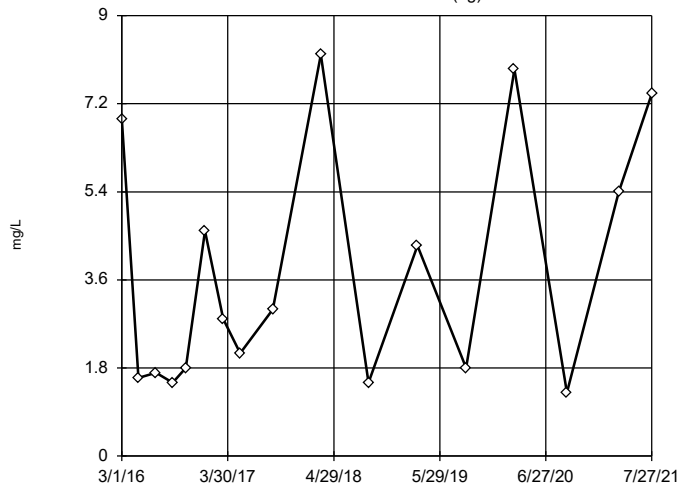
Tukey's Outlier Screening
GWA-36 (bg)



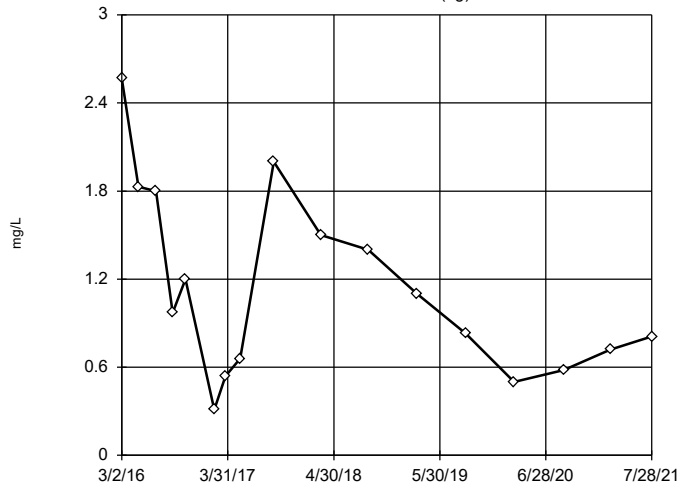
n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 26.45, low cutoff = 0.04197, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWA-36RA (bg)



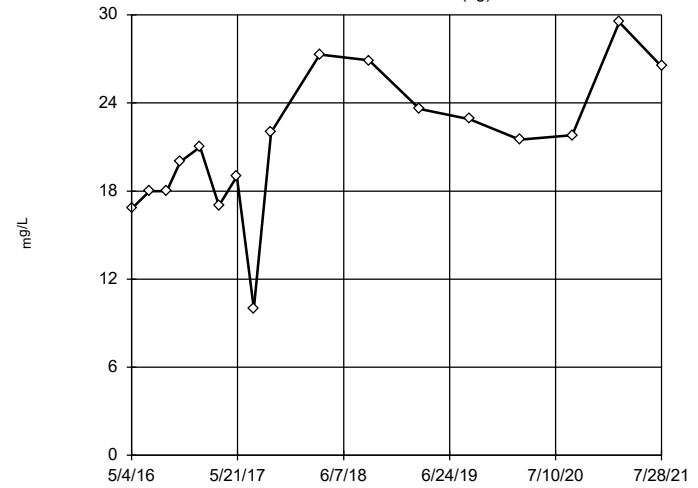
Tukey's Outlier Screening
GWA-38 (bg)



n = 17
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 30.78, low cutoff = 0.03303, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

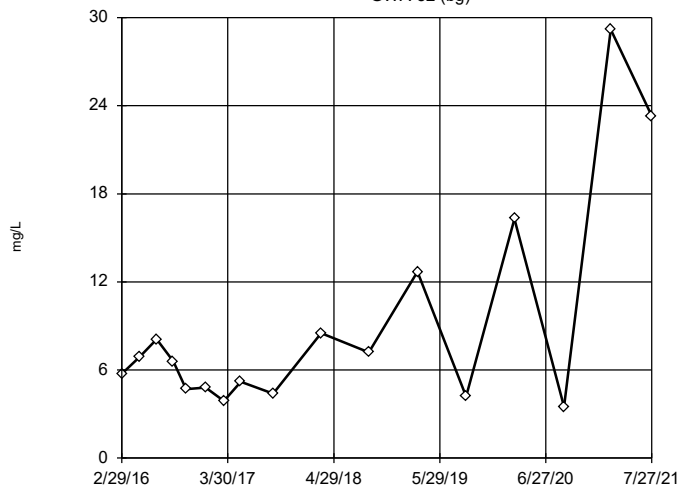
Tukey's Outlier Screening
GWA-51RZ (bg)



n = 17
No outliers found.
Tukey's method selected by user.
Data were square transformed to achieve best W statistic (graph shown in original units).
High cutoff = 39.32, low cutoff = -24.35, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

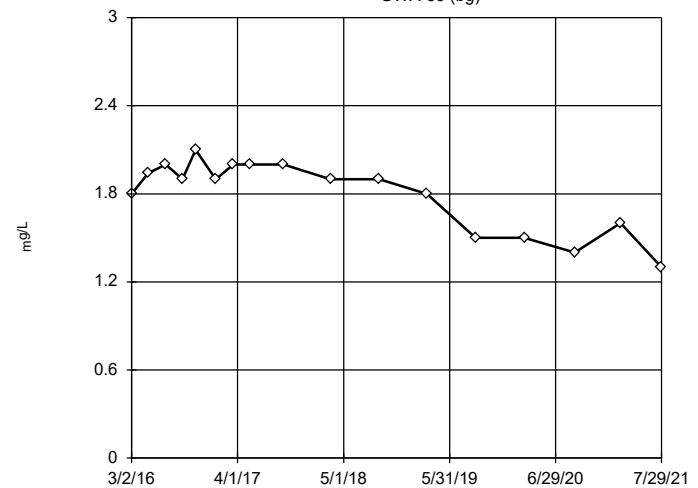
Tukey's Outlier Screening
GWA-52 (bg)



n = 17
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 123.9, low cutoff = 0.3813, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWA-53 (bg)

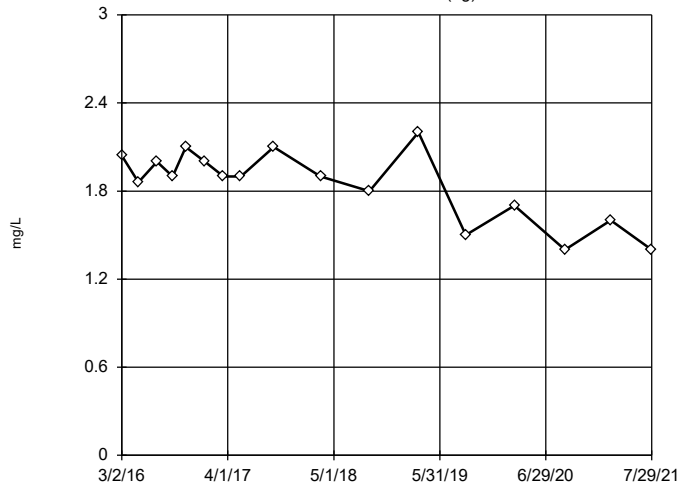


n = 17
No outliers found.
Tukey's method selected by user.
Data were x^6 transformed to achieve best W statistic (graph shown in original units).
High cutoff = 2.445, low cutoff = -2.267, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-53R (bg)

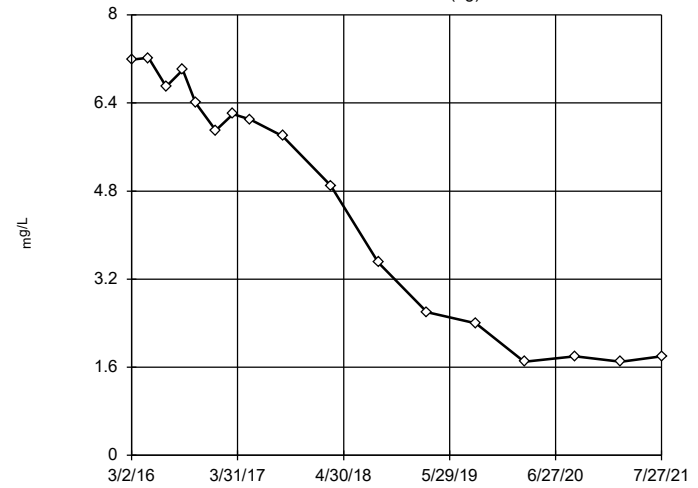


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were x⁴ transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 2.58, low cutoff = -2.12, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-54 (bg)

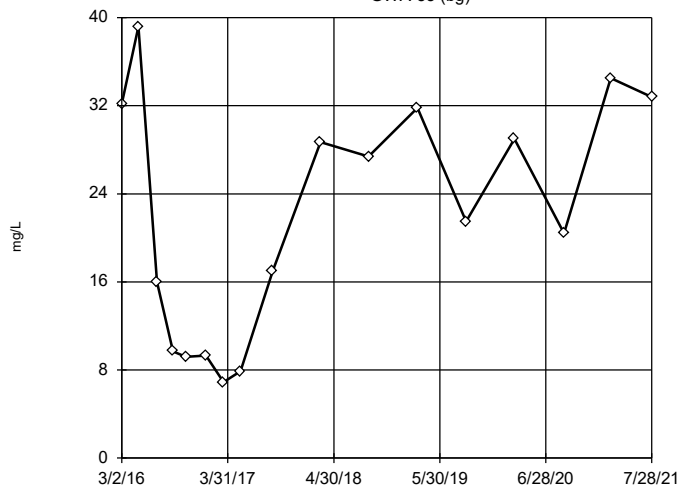


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were cube transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 10.31, low cutoff = -9.303, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55 (bg)

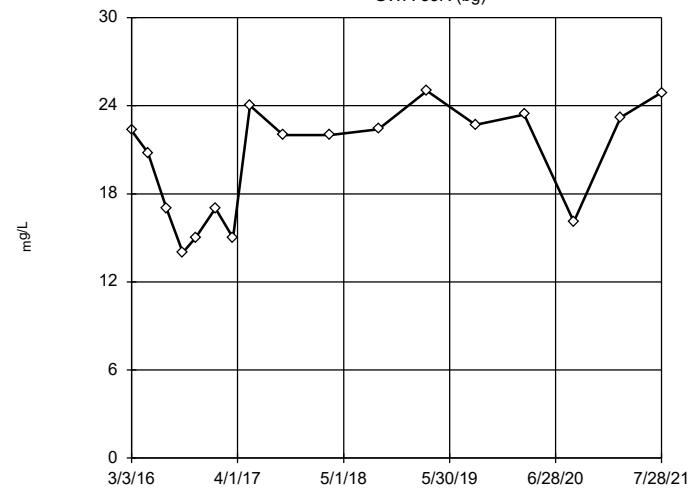


n = 17
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 99.46, low cutoff = -57.97, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

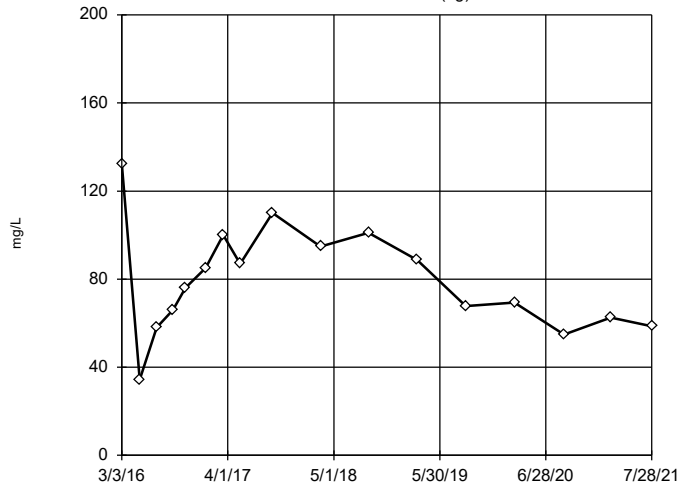
GWA-55R (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were x⁵ transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 29.86, low cutoff = -27.46, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

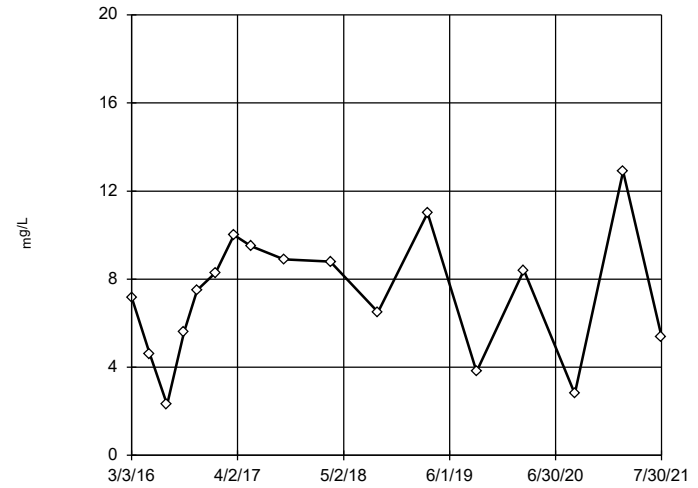
Tukey's Outlier Screening
GWA-56 (bg)



n = 17
No outliers found. Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
High cutoff = 259.9, low cutoff = 2.339, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

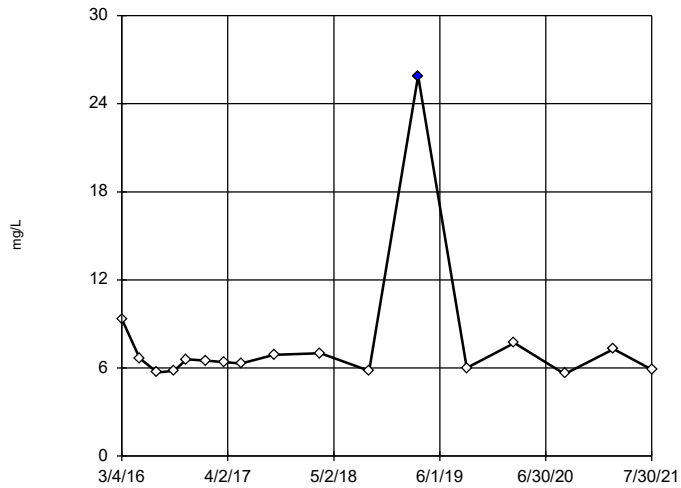
Tukey's Outlier Screening
GWC-16R



n = 17
No outliers found. Tukey's method selected by user.
Ladder of Powers transformations did not improve normality; analysis run on raw data.
High cutoff = 21.8, low cutoff = -7.6, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

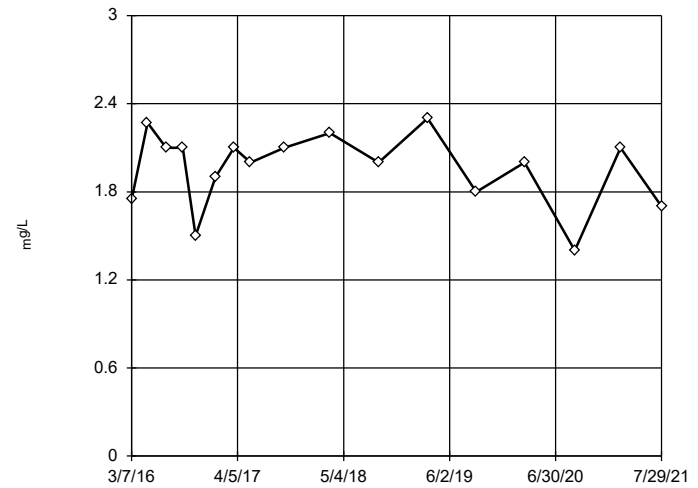
Tukey's Outlier Screening
GWC-17R



n = 17
Outlier is drawn as solid. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 13.04, low cutoff = 3.206, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWC-18

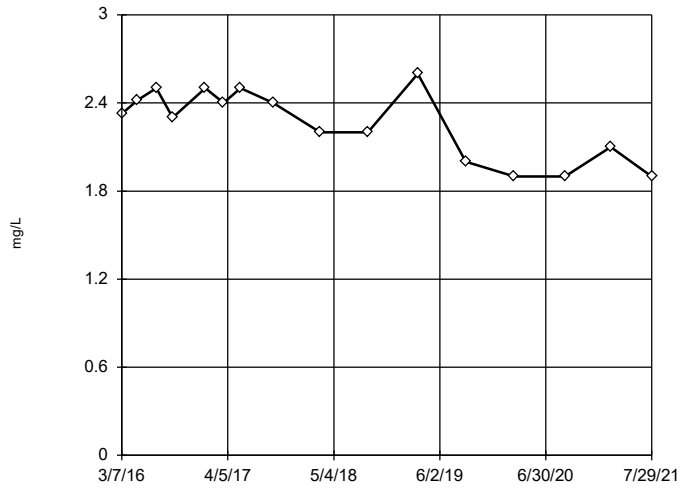


n = 17
No outliers found. Tukey's method selected by user.
Data were x^4 transformed to achieve best W statistic (graph shown in original units).
High cutoff = 2.633, low cutoff = -2.08, based on IQR multiplier of 3.

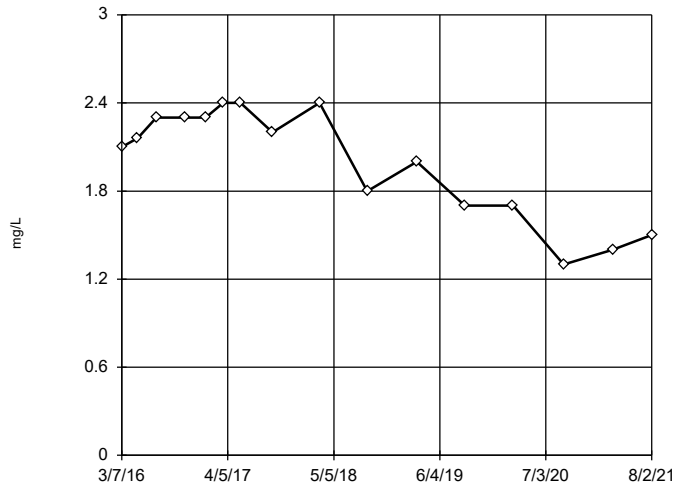
Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R



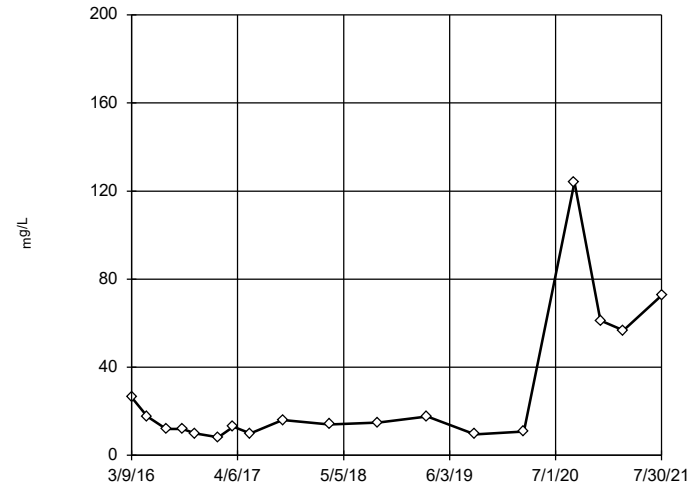
Tukey's Outlier Screening
GWC-22R



n = 16
No outliers found. Tukey's method selected by user.
Data were cube transformed to achieve best W statistic (graph shown in original units).
High cutoff = 3.237, low cutoff = -2.564, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

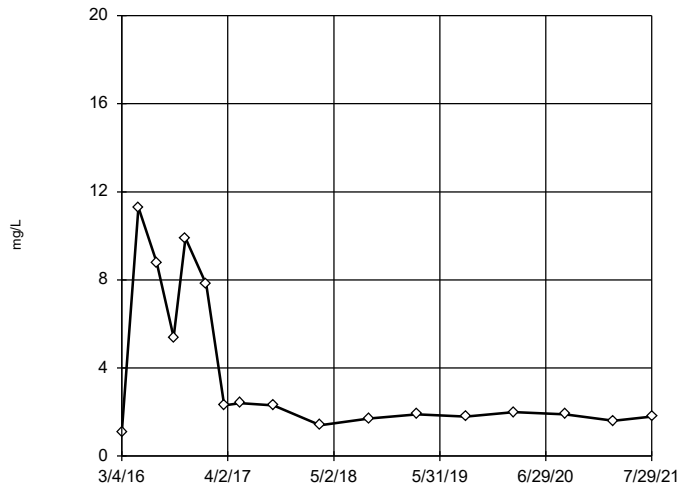
Tukey's Outlier Screening
GWC-23R



n = 18
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 2008, low cutoff = 0.2005, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

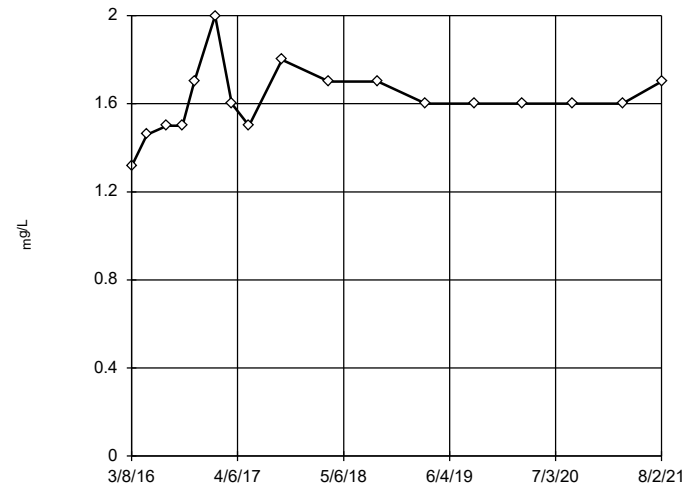
Tukey's Outlier Screening
GWC-24R



n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 331.4, low cutoff = 0.03425, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

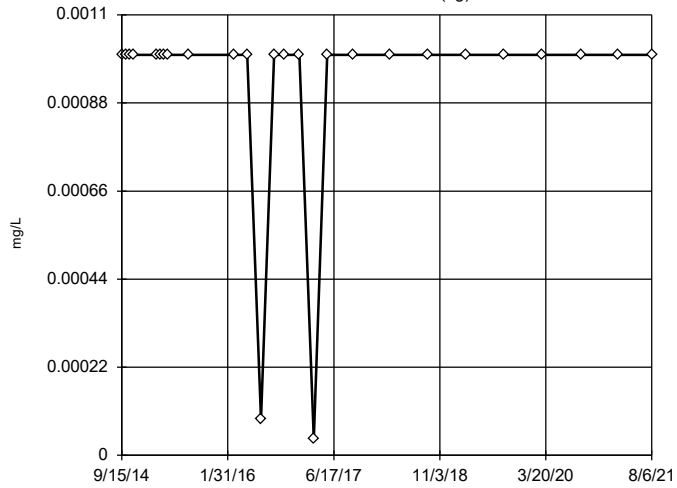
Tukey's Outlier Screening
GWC-25R



n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 2.475, low cutoff = 1.03, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

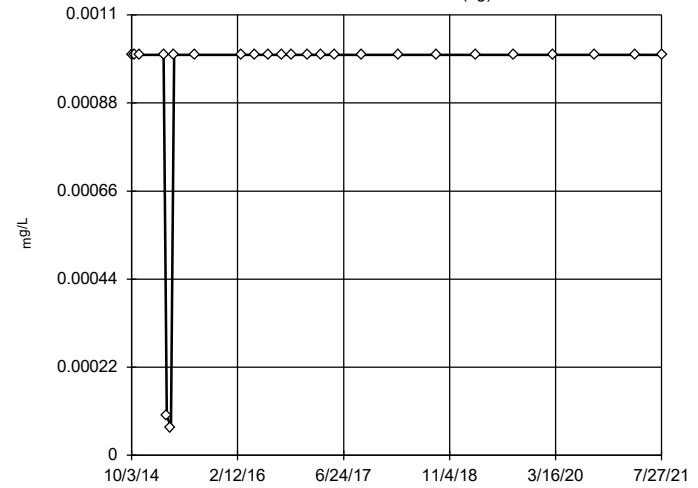
Tukey's Outlier Screening GWA-36 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

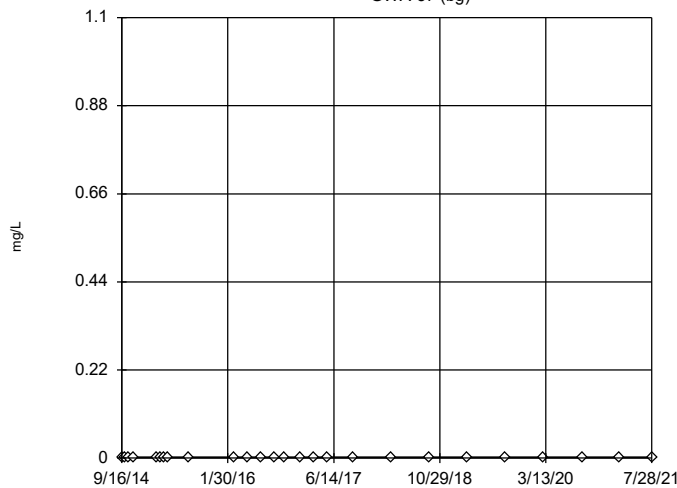
Tukey's Outlier Screening GWA-36RA (bg)



n = 25
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

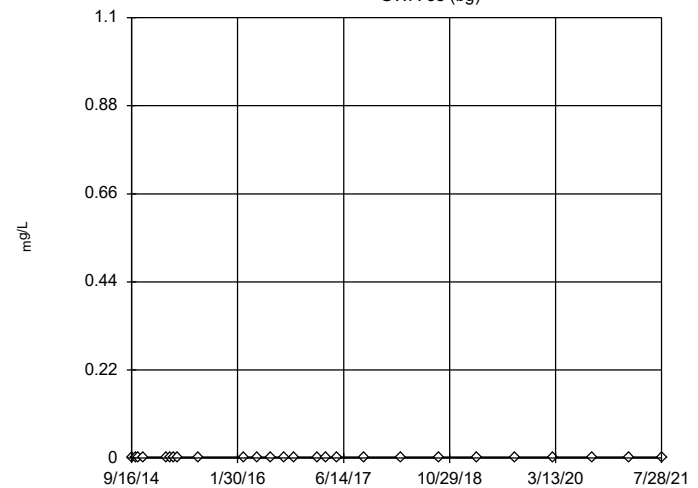
Tukey's Outlier Screening GWA-37 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

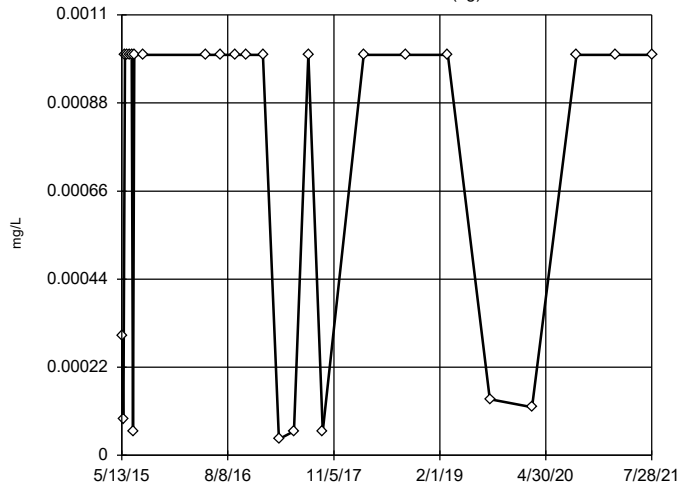
Tukey's Outlier Screening GWA-38 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

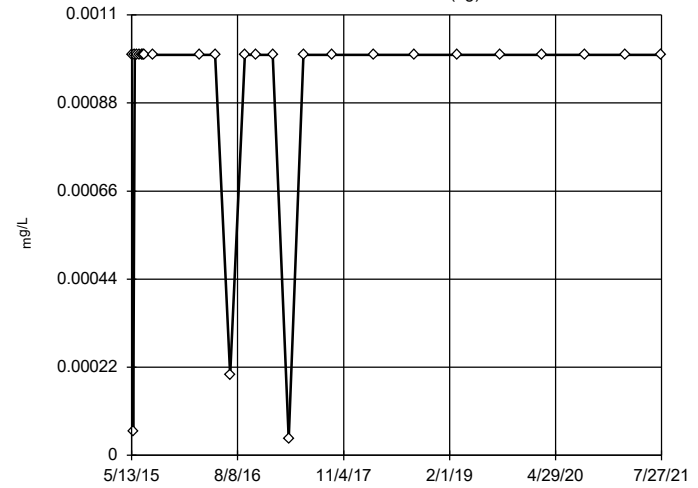
Tukey's Outlier Screening
GWA-51RZ (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.4592,
low cutoff = 2.8e-7, based on IQR multiplier of 3.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

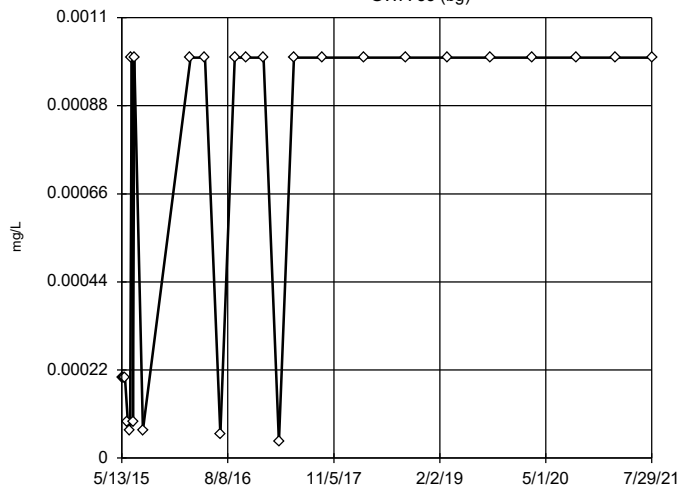
Tukey's Outlier Screening
GWA-52 (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were cube root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

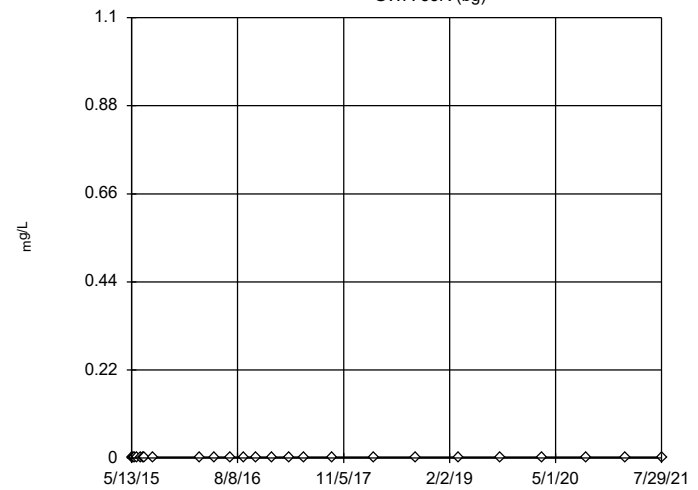
Tukey's Outlier Screening
GWA-53 (bg)



n = 26
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.4141,
low cutoff = 3.2e-7, based on IQR multiplier of 3.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

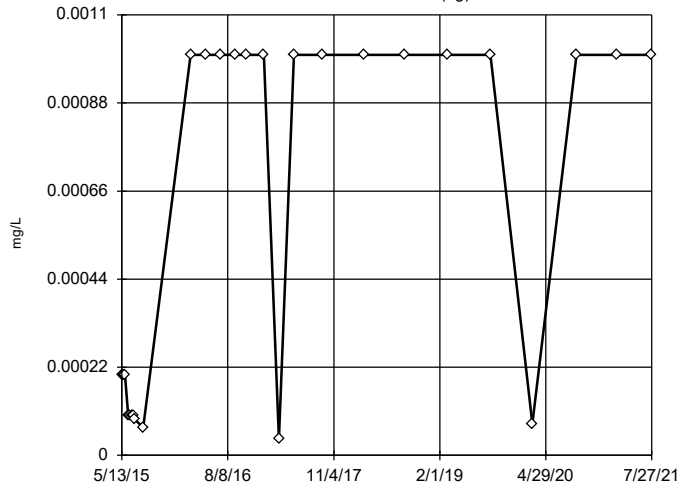
Tukey's Outlier Screening
GWA-53R (bg)



n = 25
No outliers found.
Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

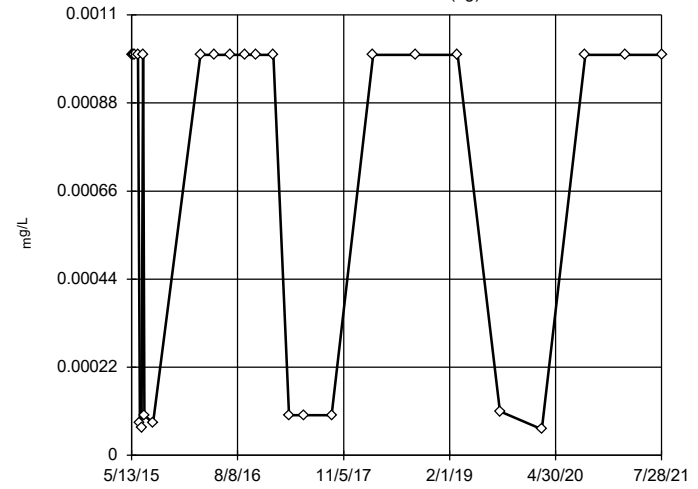
Tukey's Outlier Screening GWA-54 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 1, low cutoff = 1.0e-7, based on IQR multiplier of 3.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

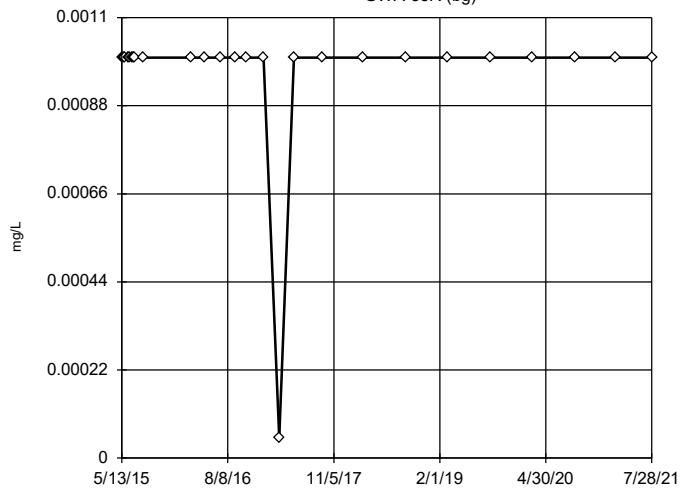
Tukey's Outlier Screening GWA-55 (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 1, low cutoff = 1.0e-7, based on IQR multiplier of 3.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

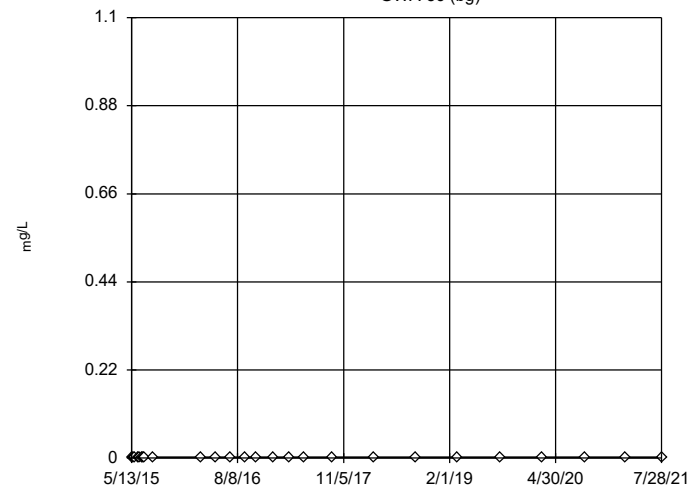
Tukey's Outlier Screening GWA-55R (bg)



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-56 (bg)

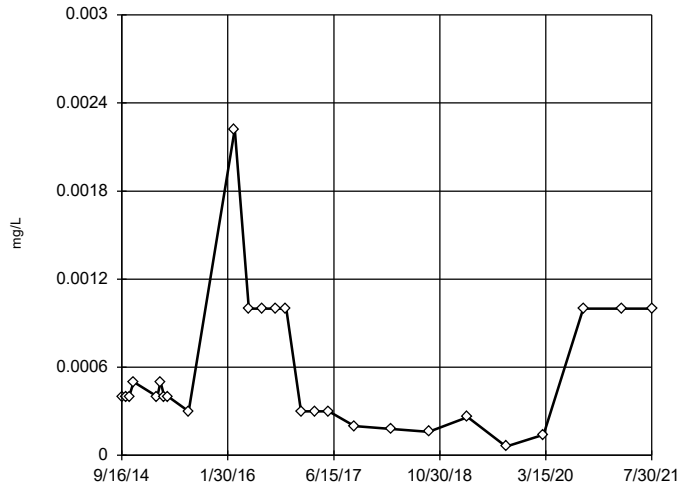


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

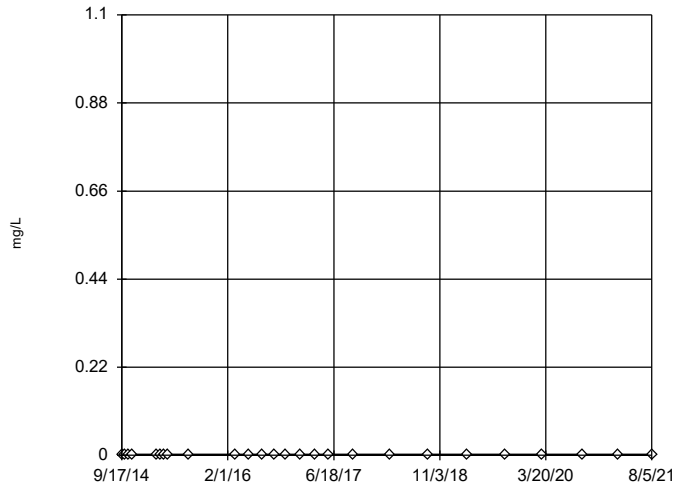
Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R



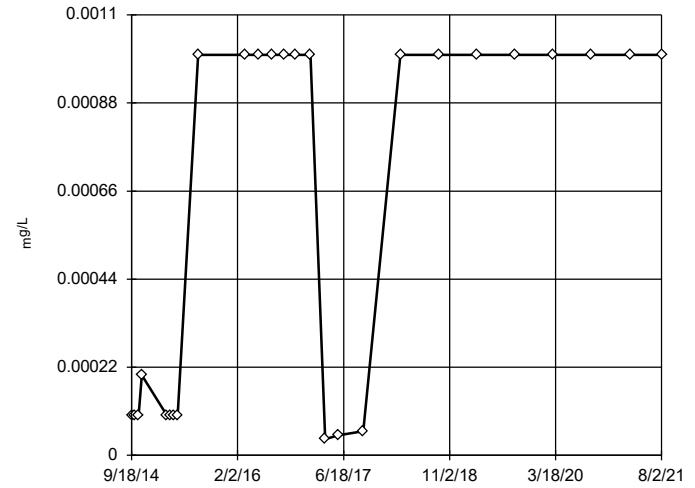
Tukey's Outlier Screening GWC-19R



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

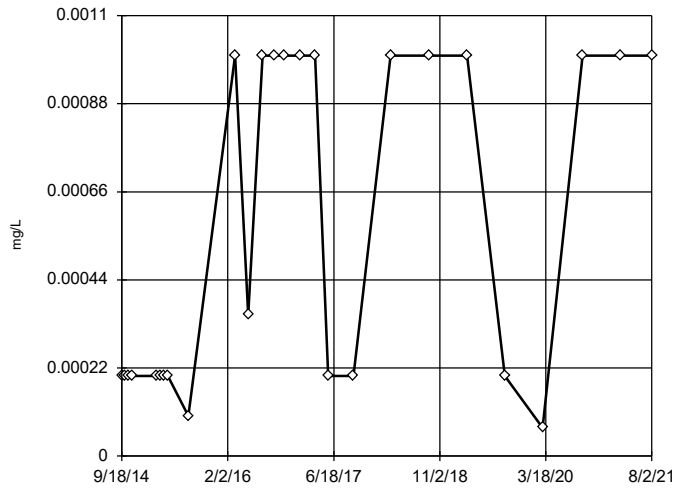
Tukey's Outlier Screening GWC-20R



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 1, low cutoff = 1.0e-7, based on IQR multiplier of 3.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

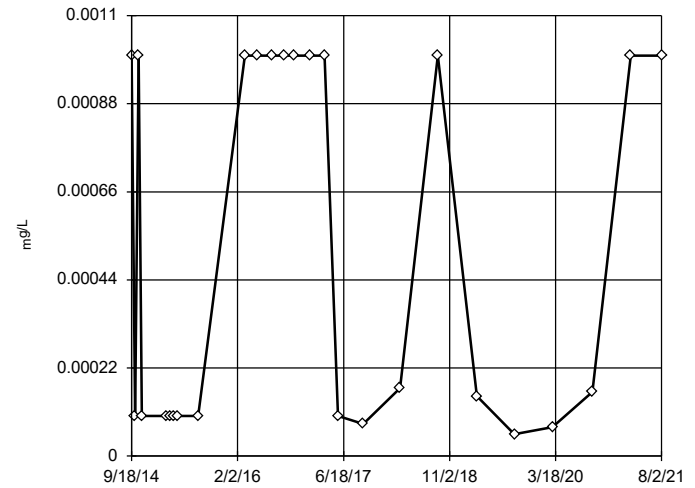
Tukey's Outlier Screening GWC-21R



n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.125, low cutoff = 0.0000016, based on IQR multiplier of 3.

Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWC-22R

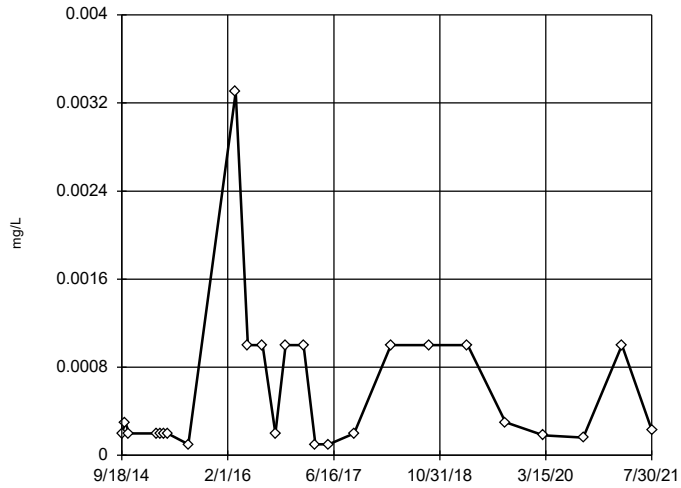


n = 26
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 1, low cutoff = 1.0e-7, based on IQR multiplier of 3.

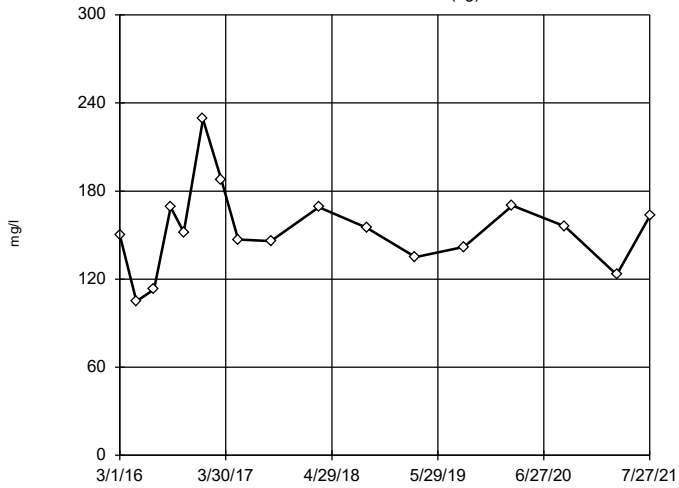
Constituent: Thallium Analysis Run 4/12/2022 2:53 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-23R



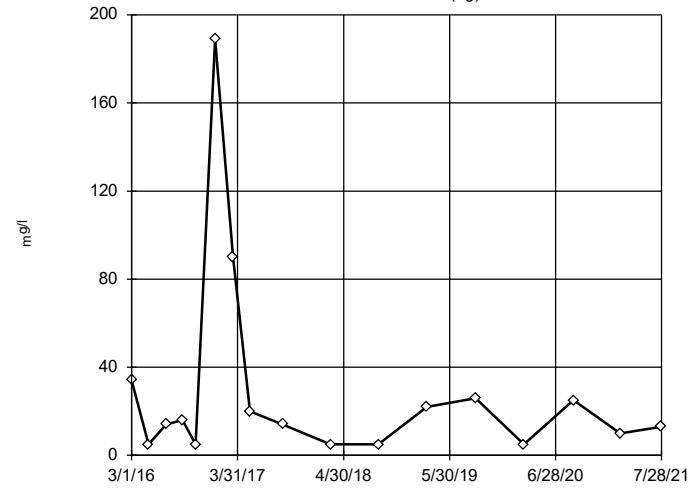
Tukey's Outlier Screening
GWA-36RA (bg)



n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 307.3, low cutoff = 76.13, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

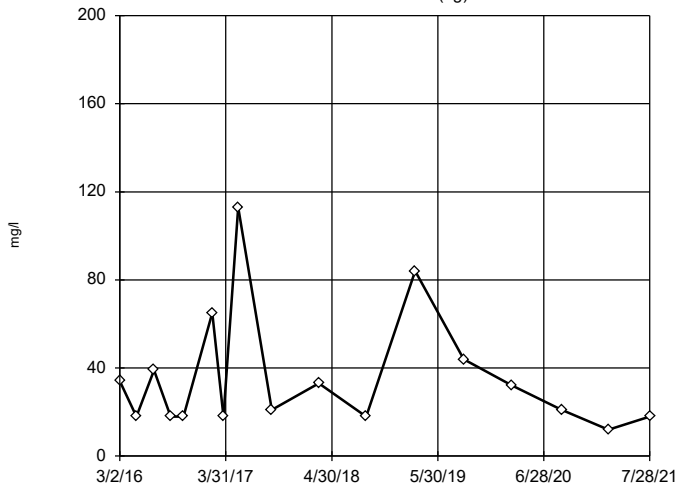
Tukey's Outlier Screening
GWA-37 (bg)



n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 3380, low cutoff = 0.03771, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

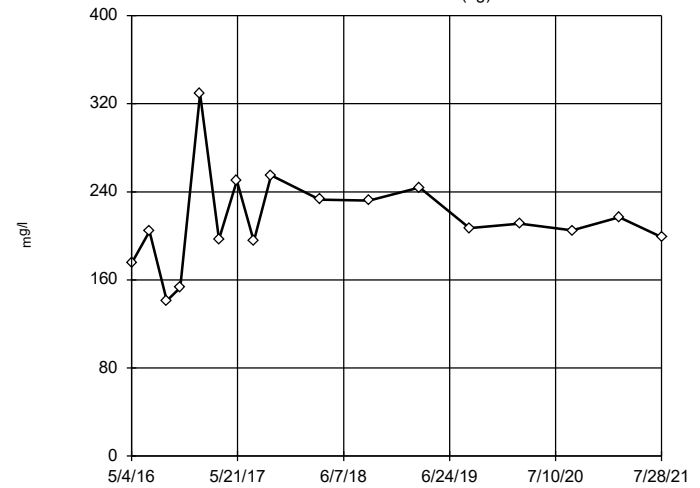
Tukey's Outlier Screening
GWA-38 (bg)



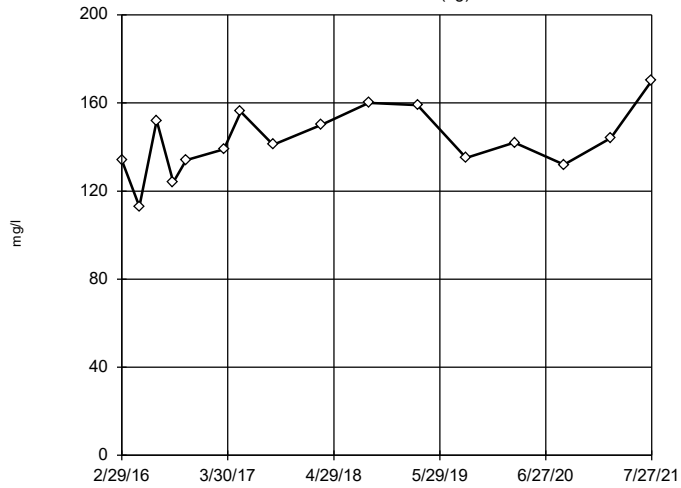
n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 504.9, low cutoff = 1.477, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWA-51RZ (bg)



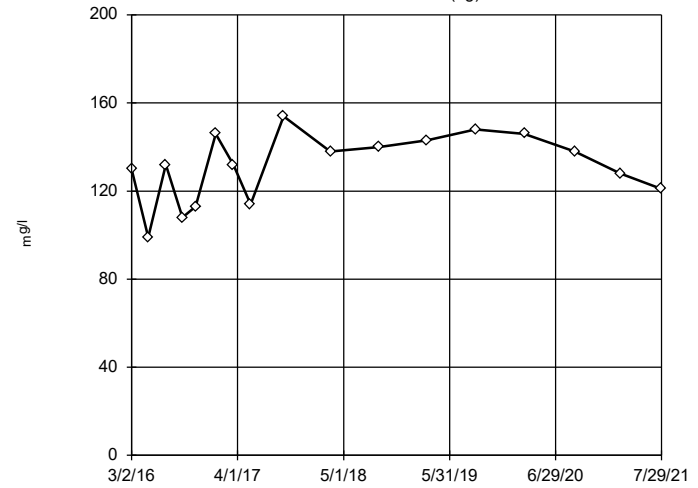
Tukey's Outlier Screening
GWA-52 (bg)



n = 16
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 214, low cutoff = 74, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

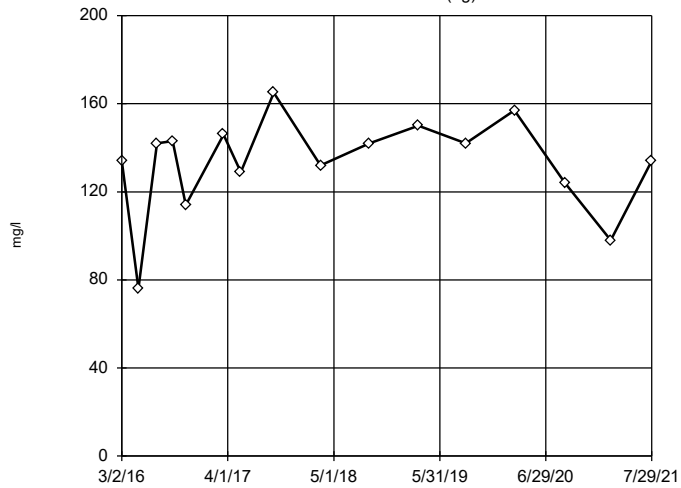
Tukey's Outlier Screening
GWA-53 (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 185, low cutoff = -152.6, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

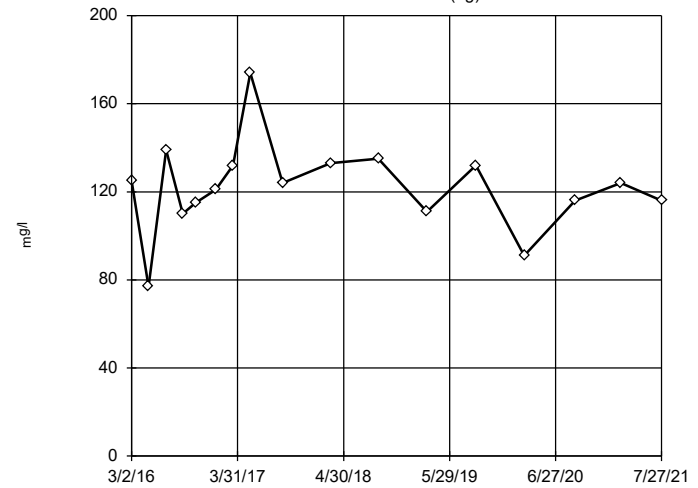
Tukey's Outlier Screening
GWA-53R (bg)



n = 16
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 176.7, low cutoff = -129.6, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

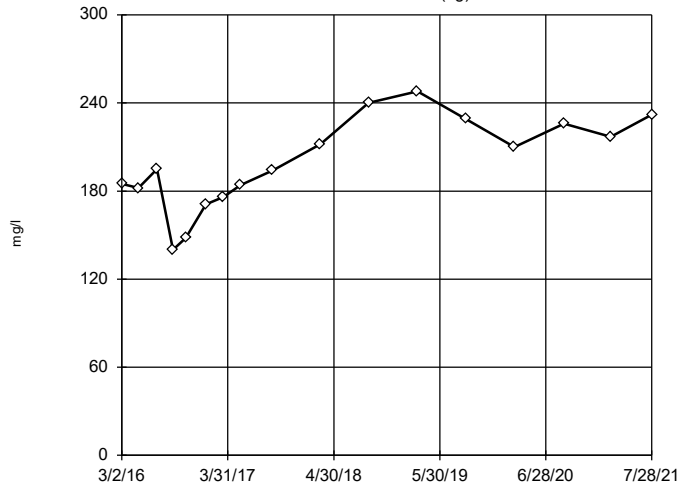
Tukey's Outlier Screening
GWA-54 (bg)



n = 17
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 191, low cutoff = 54.5, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

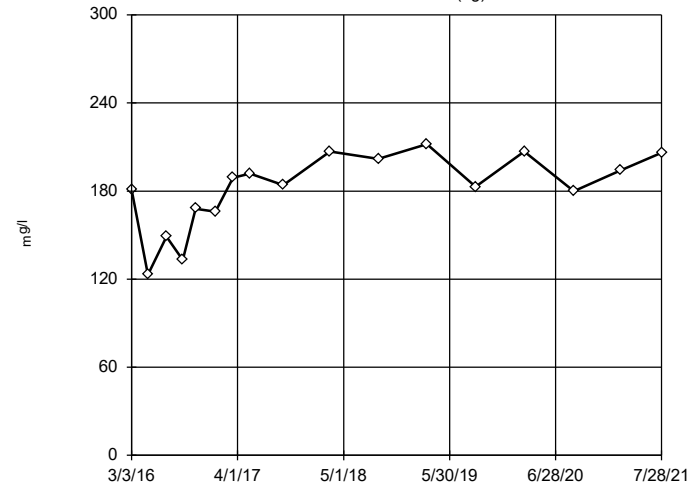
Tukey's Outlier Screening
GWA-55 (bg)



n = 17
No outliers found. Tukey's method selected by user.
Data were square transformed to achieve best W statistic (graph shown in original units).
High cutoff = 333, low cutoff = -164.5, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

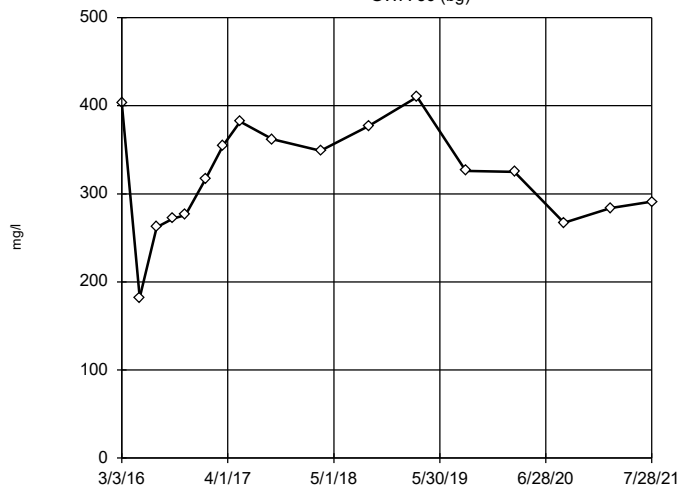
Tukey's Outlier Screening
GWA-55R (bg)



n = 17
No outliers found. Tukey's method selected by user.
Data were x^5 transformed to achieve best W statistic (graph shown in original units).
High cutoff = 252.4, low cutoff = -222.2, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

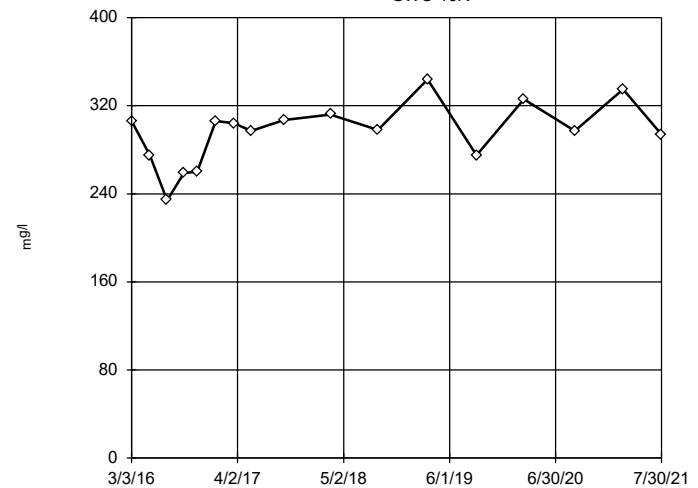
Tukey's Outlier Screening
GWA-56 (bg)



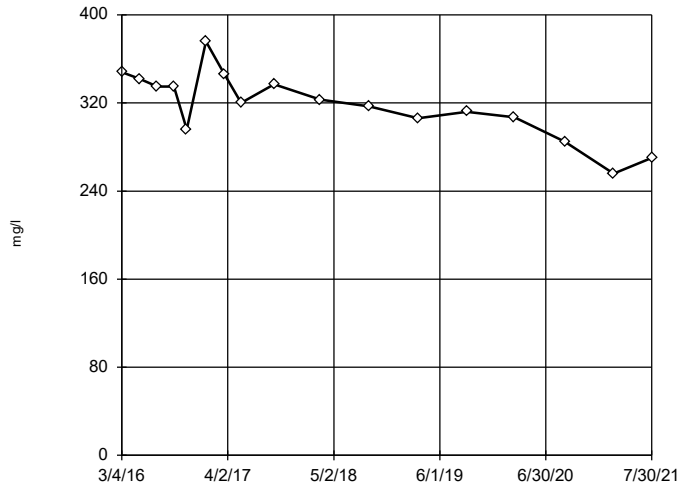
n = 17
No outliers found. Tukey's method selected by user.
Data were square transformed to achieve best W statistic (graph shown in original units).
High cutoff = 566.7, low cutoff = -330.8, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWC-16R



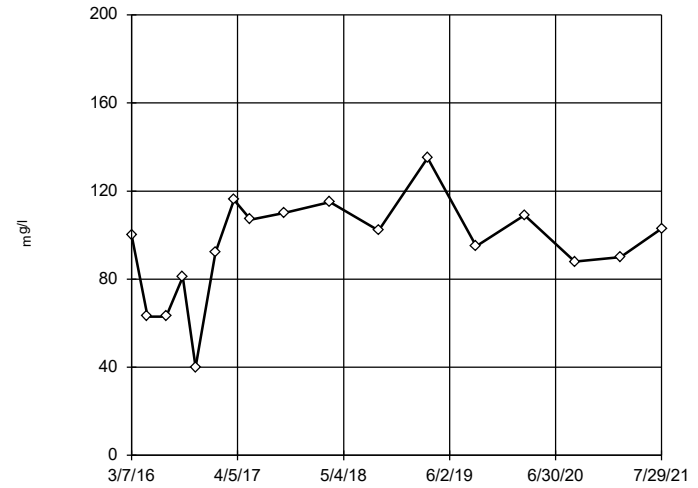
Tukey's Outlier Screening
GWC-17R



n = 17
No outliers found. Tukey's method selected by user.
Data were square transformed to achieve best W statistic (graph shown in original units).
High cutoff = 435, low cutoff = 129.2, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

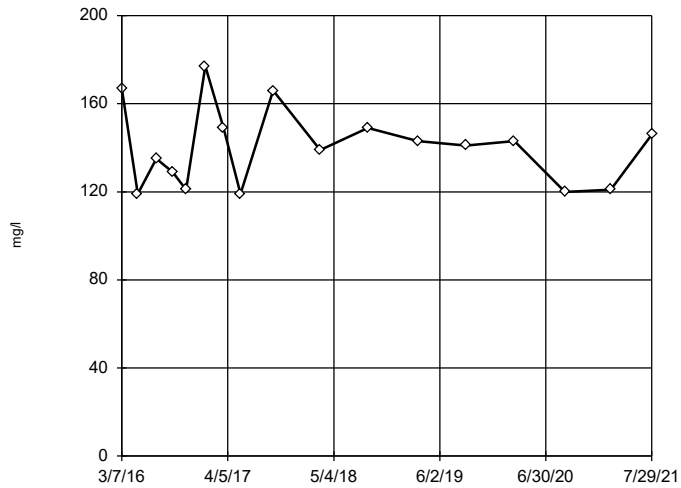
Tukey's Outlier Screening
GWC-18



n = 17
No outliers found. Tukey's method selected by user.
Data were square transformed to achieve best W statistic (graph shown in original units).
High cutoff = 162.8, low cutoff = -85.8, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

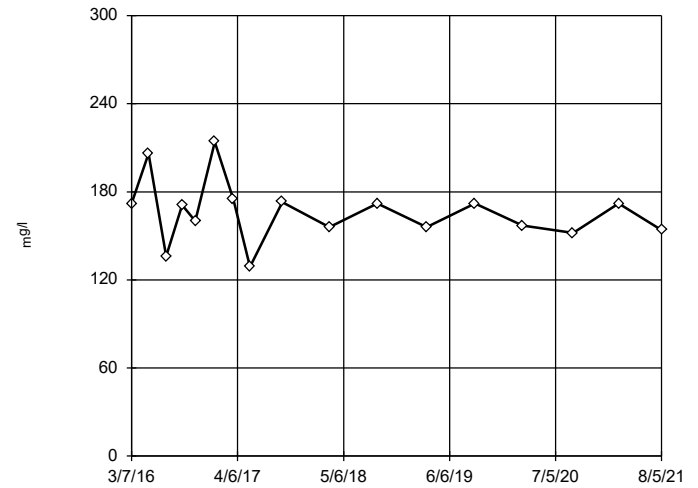
Tukey's Outlier Screening
GWC-18R



n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 278.2, low cutoff = 64.8, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening
GWC-19R

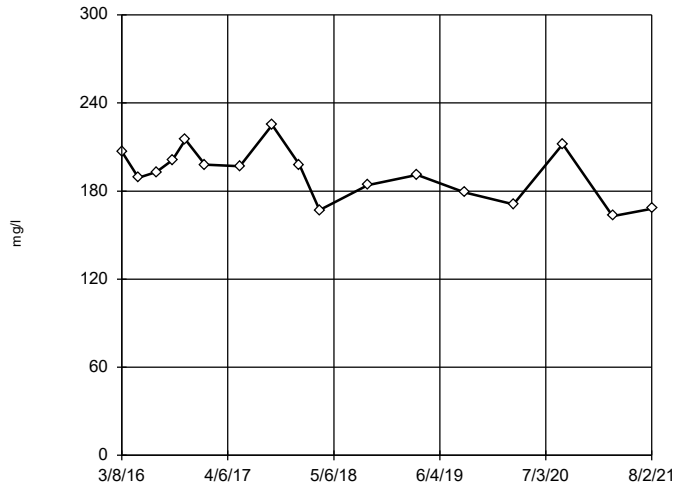


n = 17
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 237.8, low cutoff = 112.4, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R

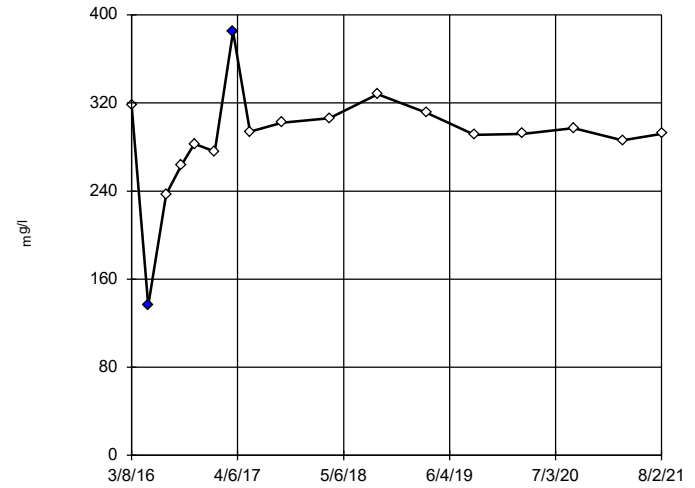


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 273.1, low cutoff = -48.07, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R

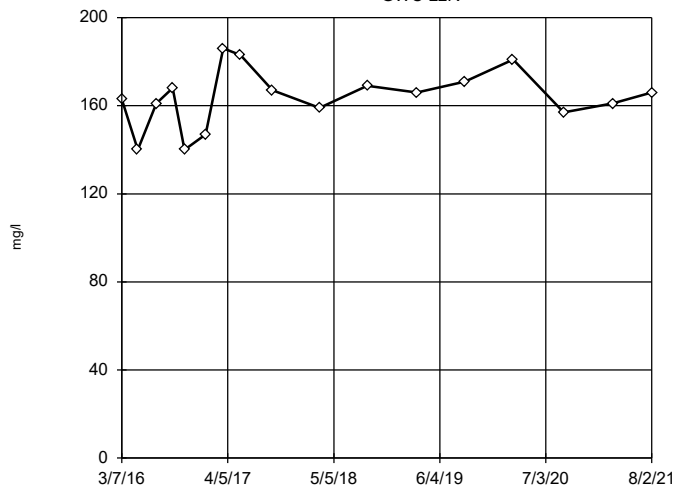


n = 17
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 382.5, low cutoff = 164.3, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-22R

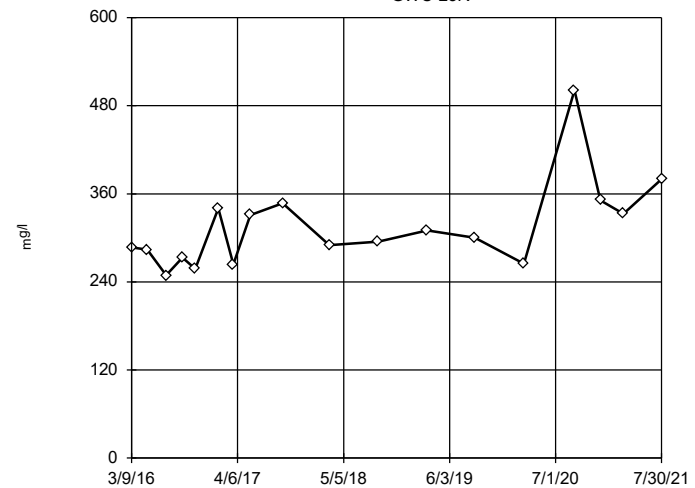


n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 201.8, low cutoff = 114.7, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

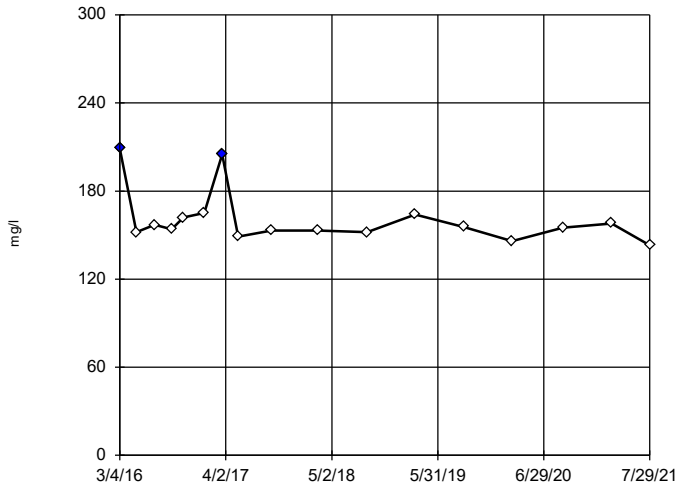
GWC-23R



n = 18
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 715.3, low cutoff = 129.2, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

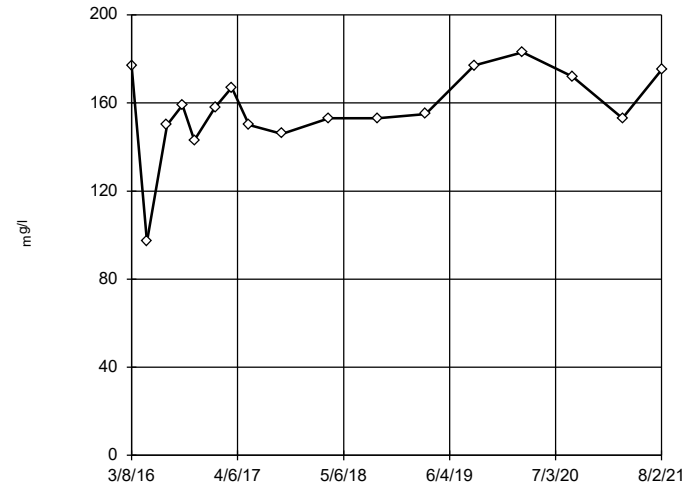
Tukey's Outlier Screening GWC-24R



n = 17
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 201, low cutoff = 123.3, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

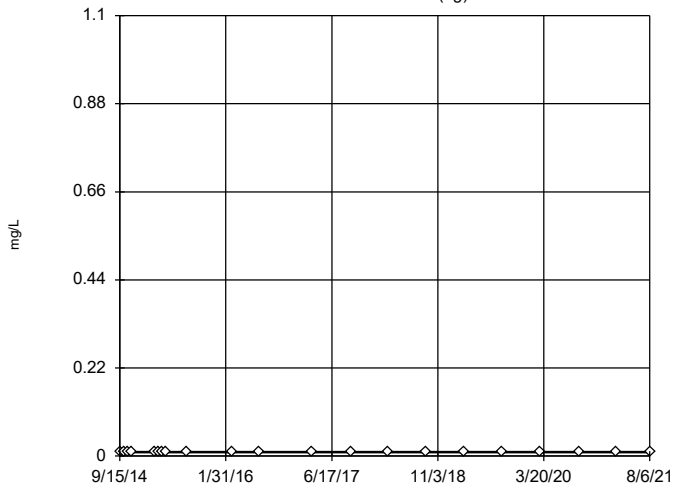
Tukey's Outlier Screening GWC-25R



n = 17
 No outliers found.
 Tukey's method selected by user.
 Data were x^4 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 214.3, low cutoff = -162.3, based on IQR multiplier of 3.

Constituent: Total Dissolved Solids Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

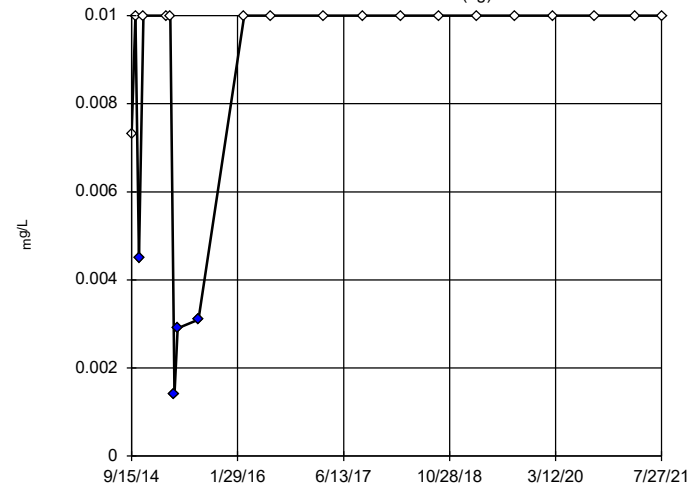
Tukey's Outlier Screening GWA-36 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

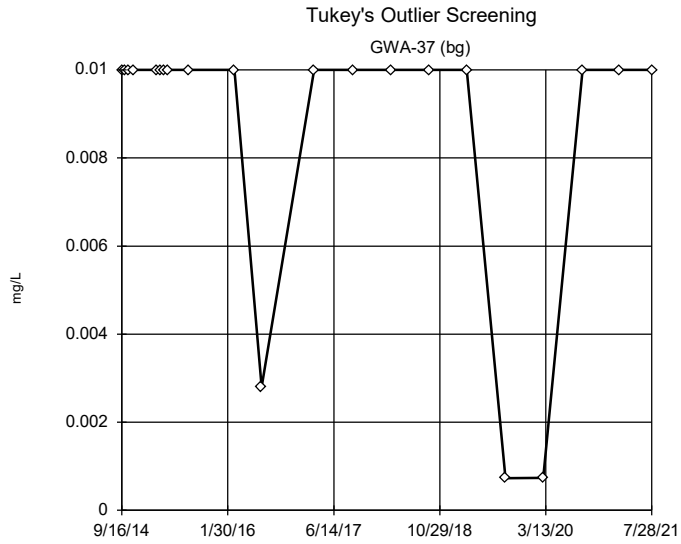
Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-36RA (bg)



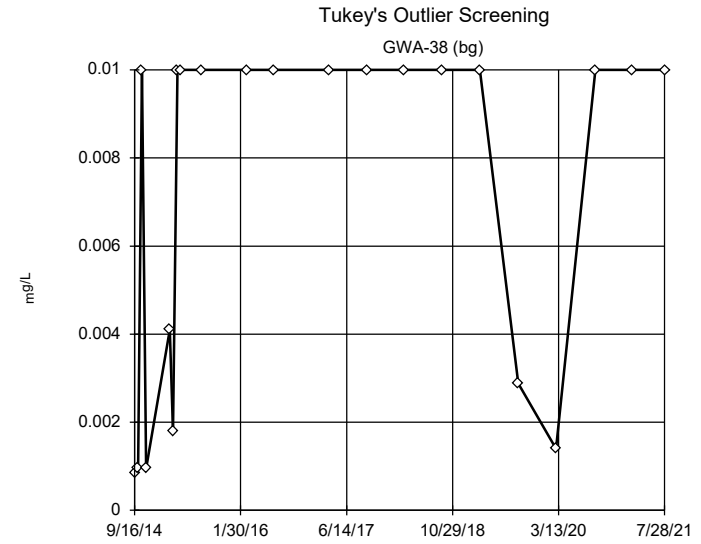
n = 21
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 0.01405, low cutoff = 0.0046, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



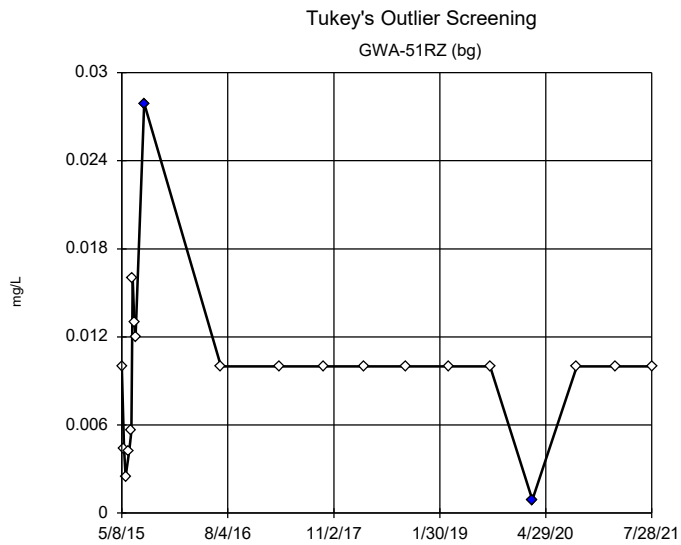
n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



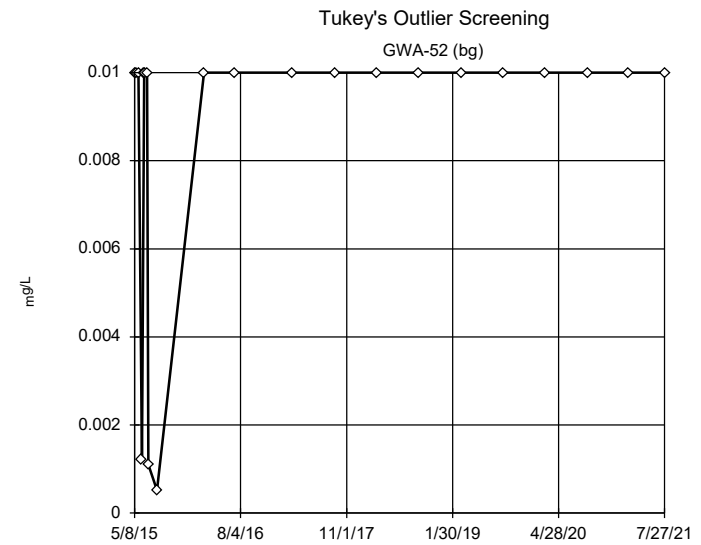
n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.8472, low cutoff = 0.00002687, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



n = 20
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.01898, low cutoff = 0.002467, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

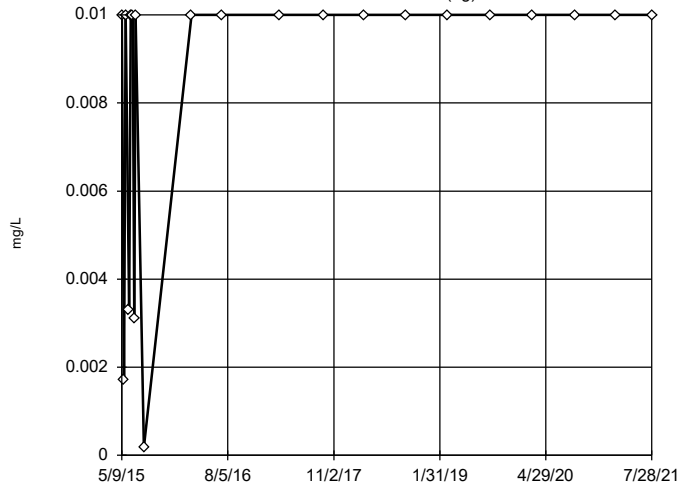


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55R (bg)

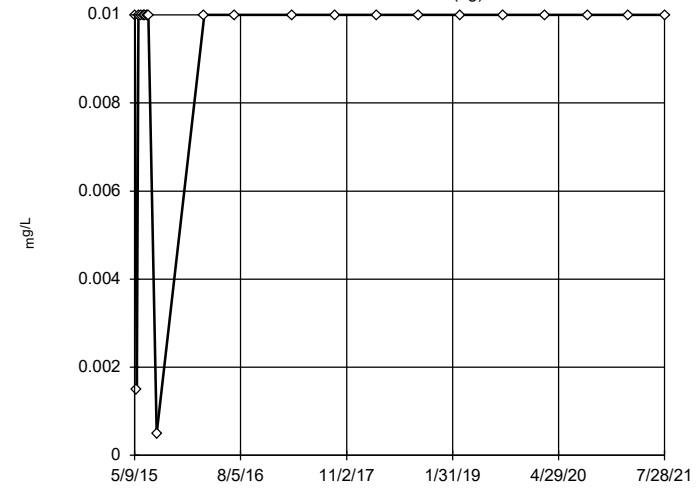


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-56 (bg)

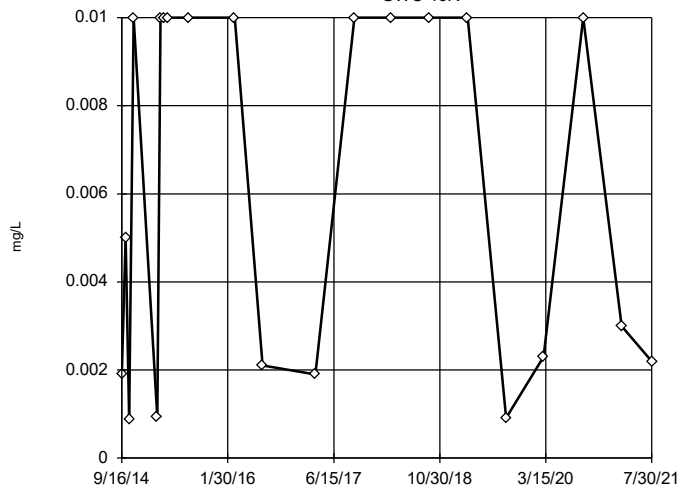


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-16R

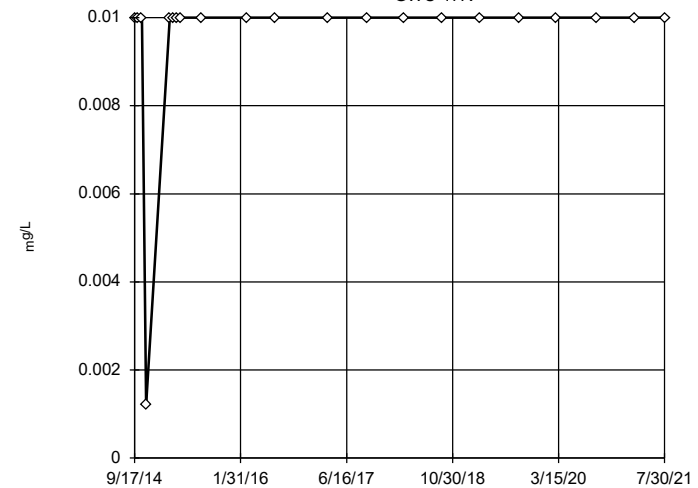


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 1.255, low cutoff = 0.00001592, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-17R

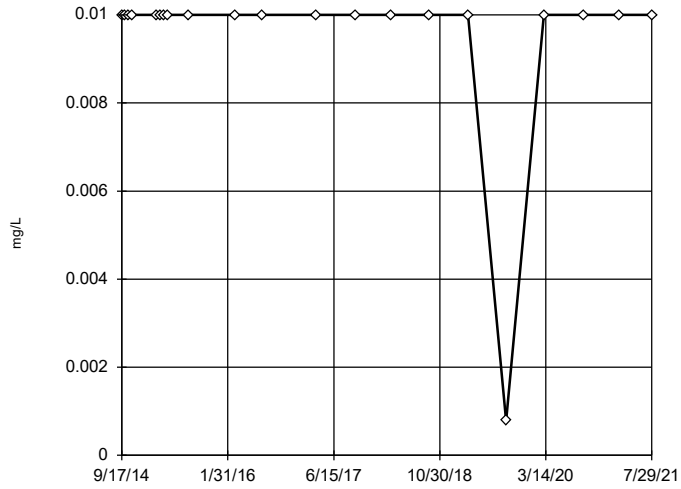


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18

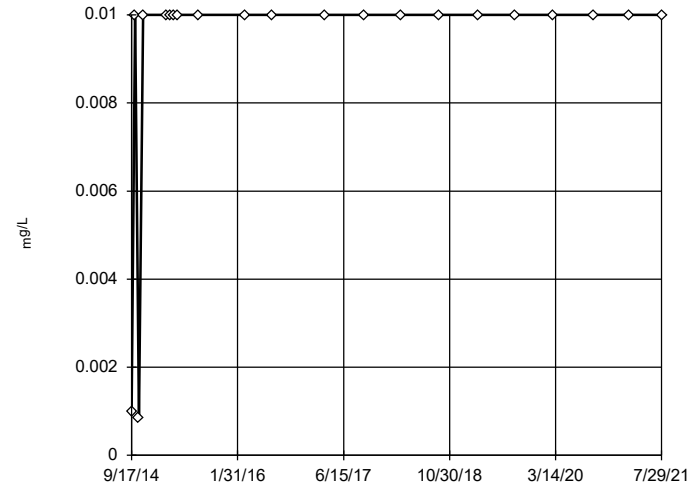


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-18R

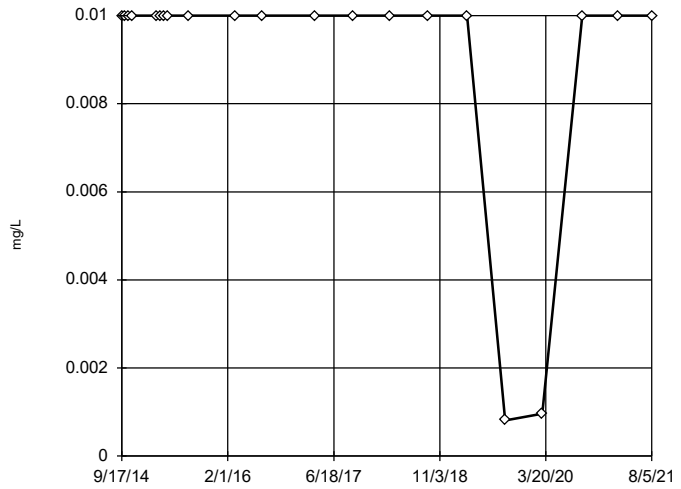


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R

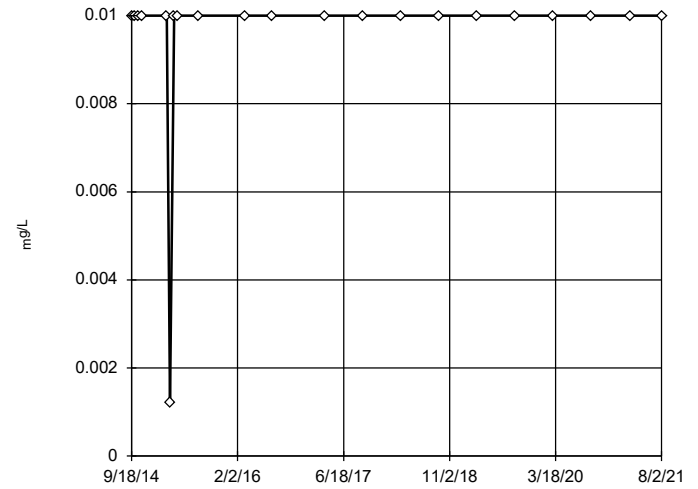


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

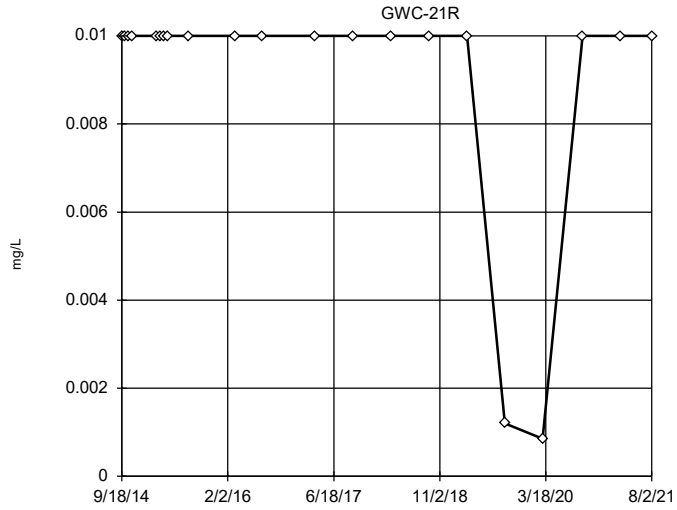
GWC-20R



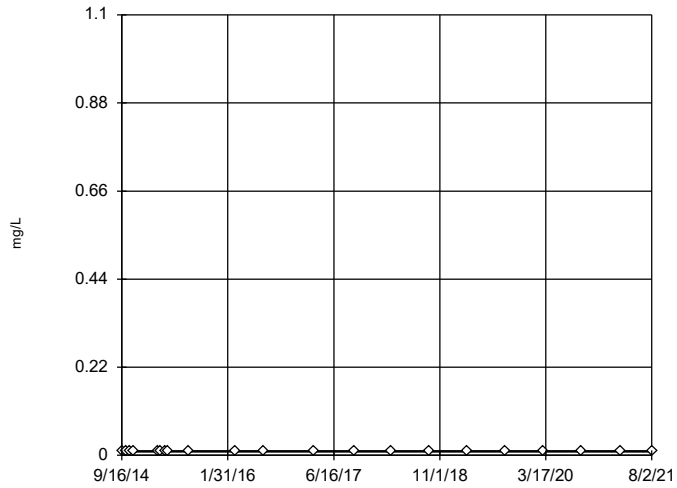
n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were x^5 transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening



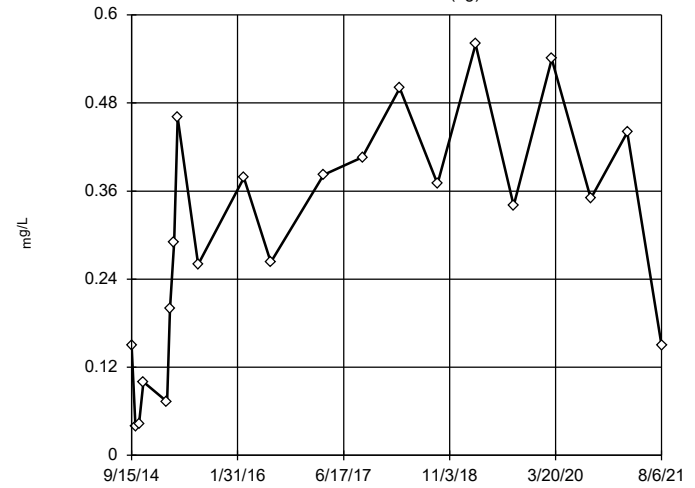
Tukey's Outlier Screening GWC-25R



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square root transformed to achieve best W statistic (graph shown in original units).
 The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

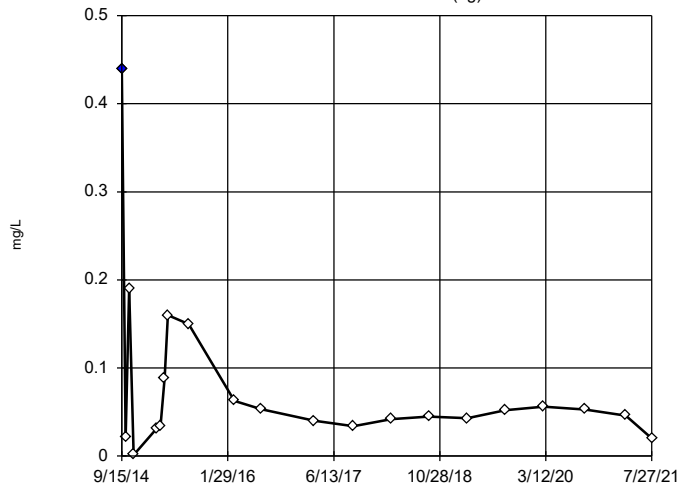
Tukey's Outlier Screening GWA-36 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Ladder of Powers transformations did not improve normality; analysis run on raw data.
 High cutoff = 1.242, low cutoff = -0.669, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

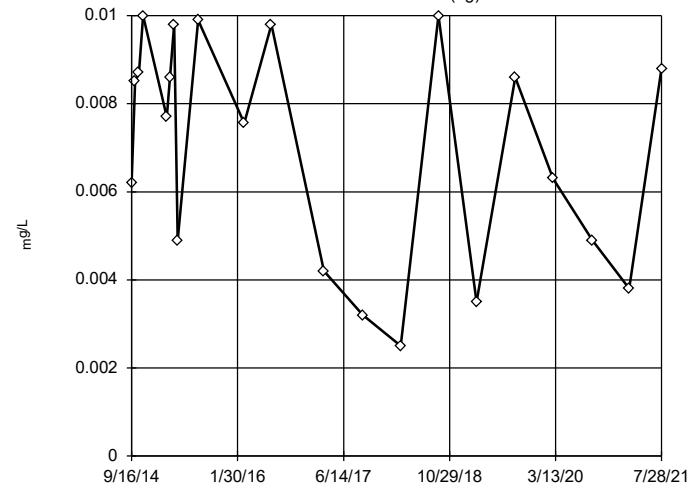
Tukey's Outlier Screening GWA-36RA (bg)



n = 21
 Outlier is drawn as solid.
 Tukey's method selected by user.
 Data were cube root transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.3679, low cutoff = 0.00002426, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

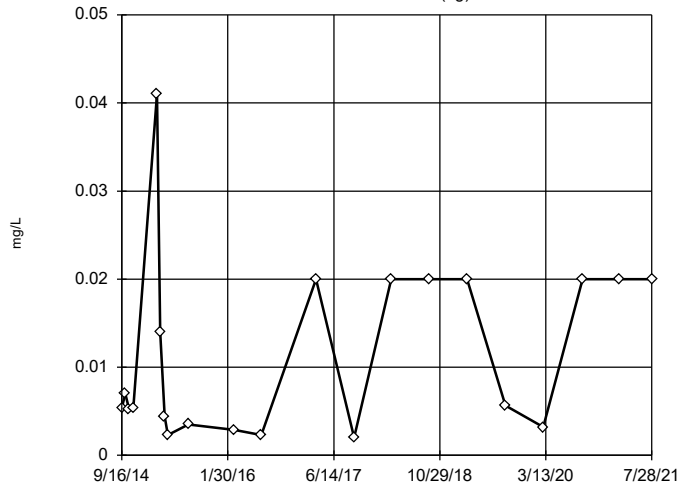
Tukey's Outlier Screening GWA-37 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were square transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.01687, low cutoff = -0.0133, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

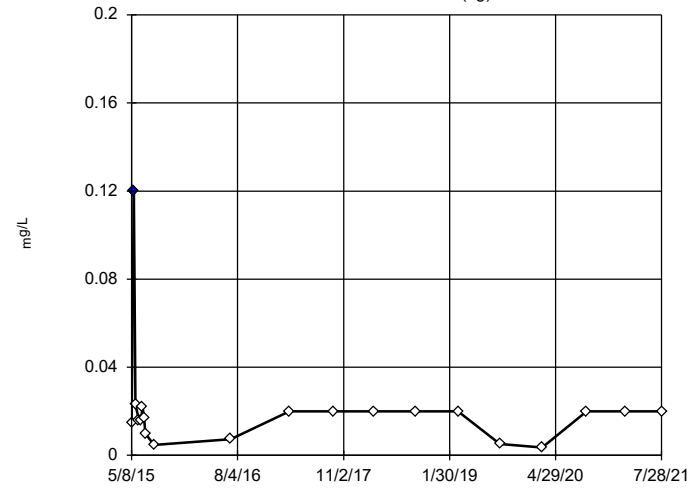
Tukey's Outlier Screening GWA-38 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 4.269, low cutoff = 0.00001568, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

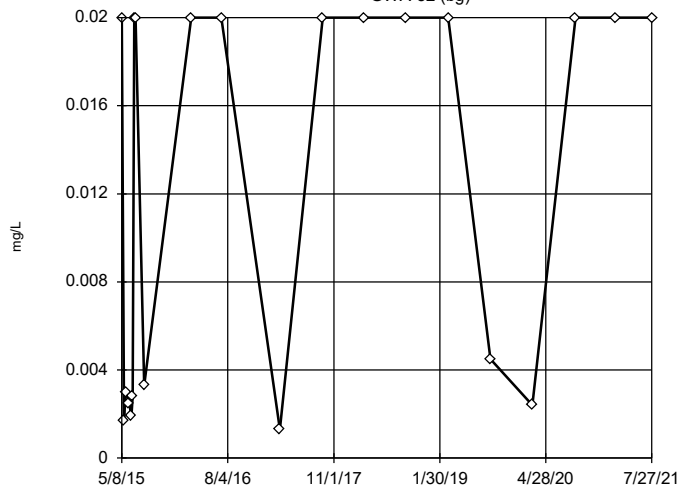
Tukey's Outlier Screening GWA-51RZ (bg)



n = 20
 Outlier is drawn as solid.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.08709, low cutoff = 0.002813, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

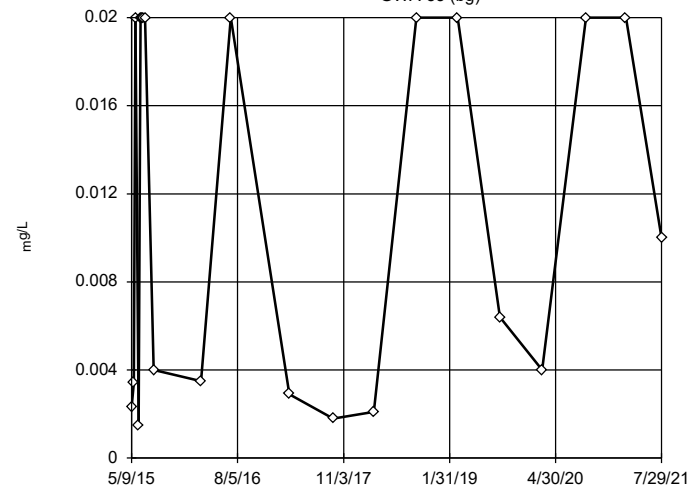
Tukey's Outlier Screening GWA-52 (bg)



n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 8.639, low cutoff = 0.000006125, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening GWA-53 (bg)

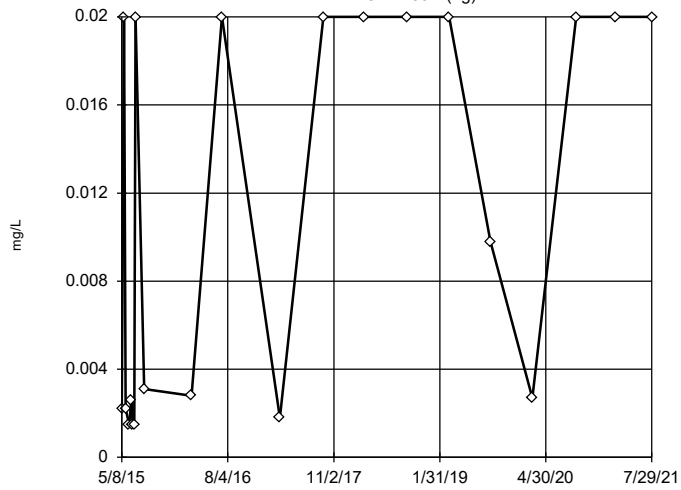


n = 21
 No outliers found.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 5.168, low cutoff = 0.00001215, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-53R (bg)



n = 21

No outliers found. Tukey's method selected by user.

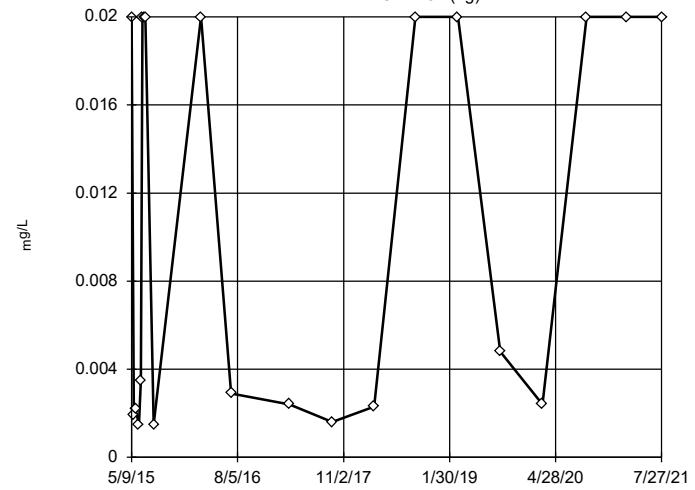
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 15.03, low cutoff = 0.000002928, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-54 (bg)



n = 21

No outliers found. Tukey's method selected by user.

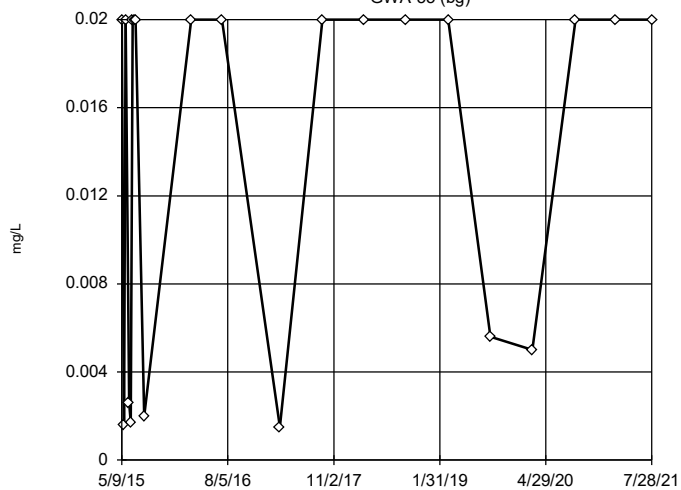
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 14.06, low cutoff = 0.0000032, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55 (bg)



n = 21

No outliers found. Tukey's method selected by user.

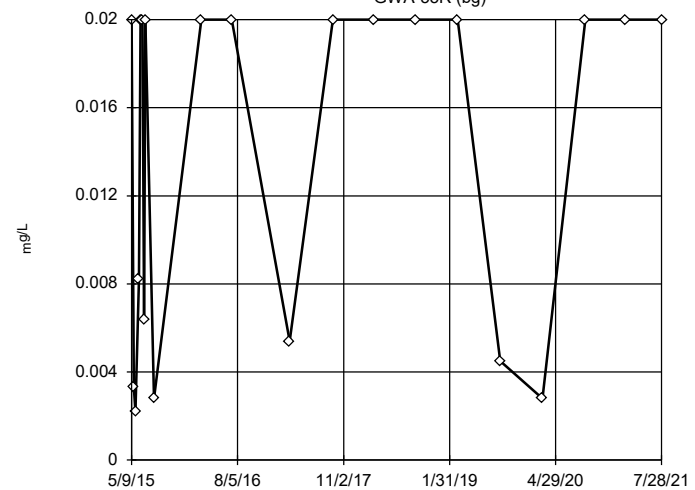
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.414, low cutoff = 0.00002113, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-55R (bg)



n = 21

No outliers found. Tukey's method selected by user.

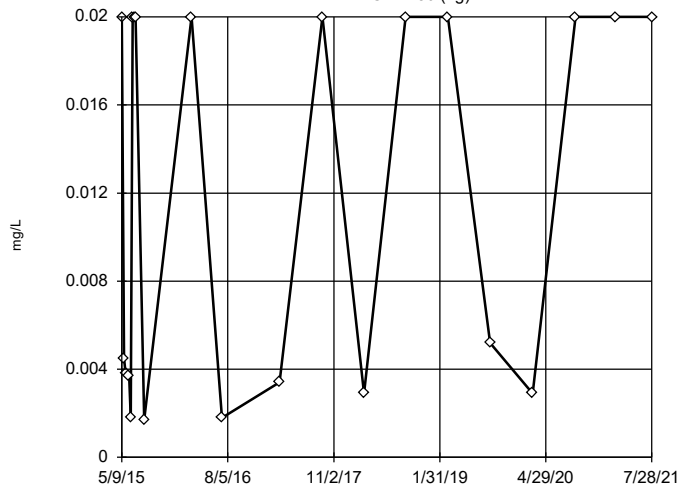
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.336, low cutoff = 0.00007381, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWA-56 (bg)

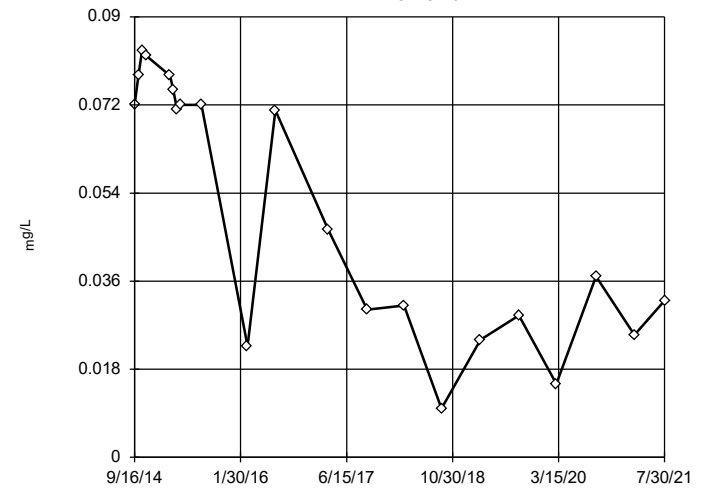


n = 21
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 5.168, low cutoff = 0.00001215, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:54 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

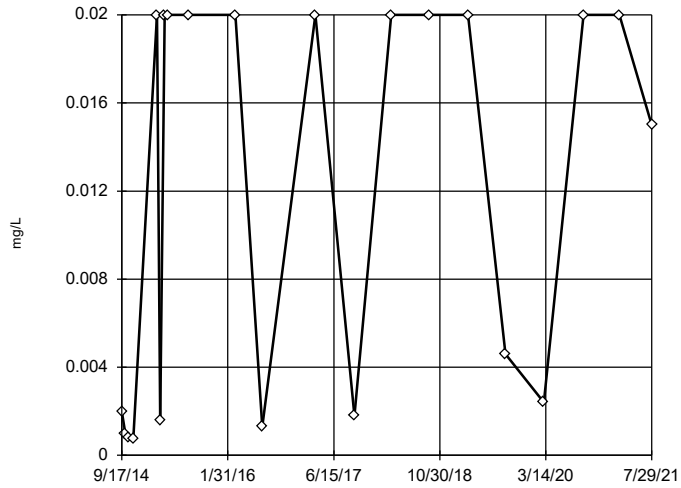
Tukey's Outlier Screening

GWC-16R



Tukey's Outlier Screening

GWC-18R



n = 21

No outliers found. Tukey's method selected by user.

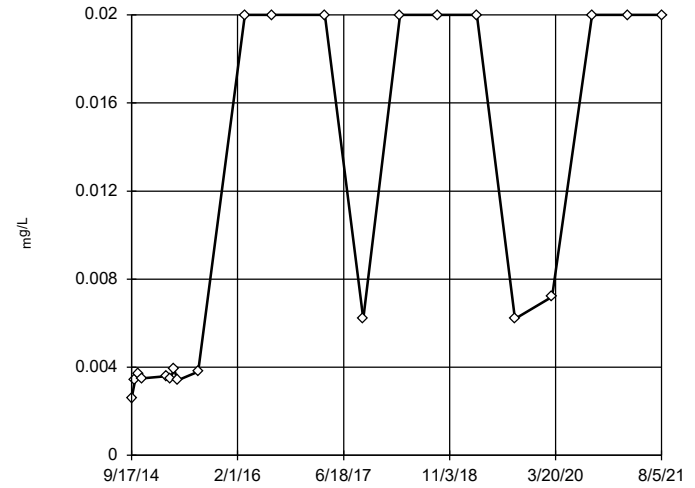
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 32.74, low cutoff = 0.00001037, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:55 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-19R



n = 21

No outliers found. Tukey's method selected by user.

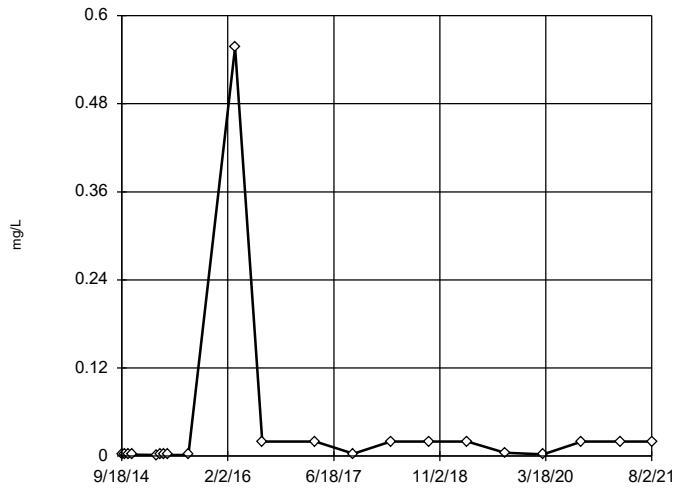
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.577, low cutoff = 0.00001985, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:55 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-20R



n = 21

No outliers found. Tukey's method selected by user.

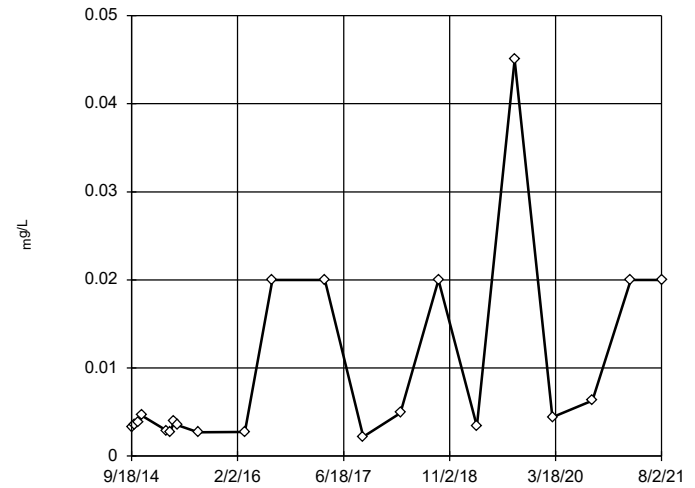
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 17.51, low cutoff = 0.000002387, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:55 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening

GWC-21R



n = 21

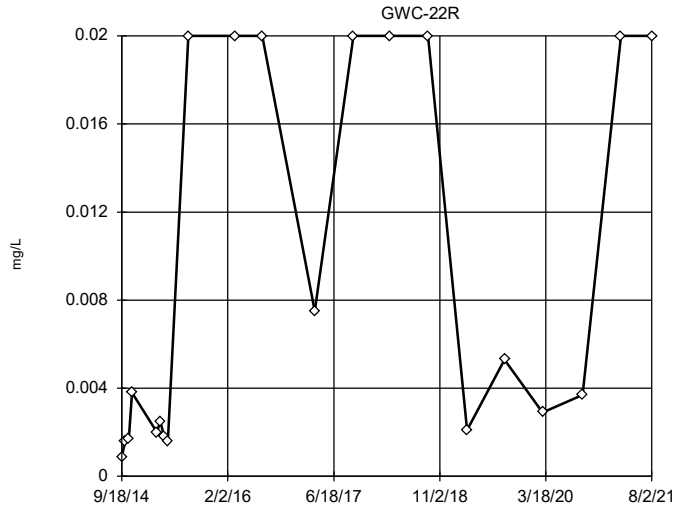
No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.404, low cutoff = 0.00001145, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:55 PM View: Outlier Testing - Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

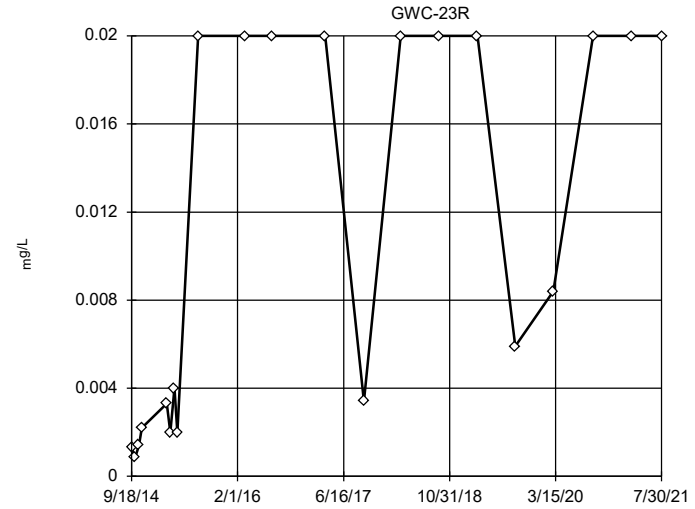
Tukey's Outlier Screening



n = 21
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 23.42, low cutoff = 0.0000162, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:55 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

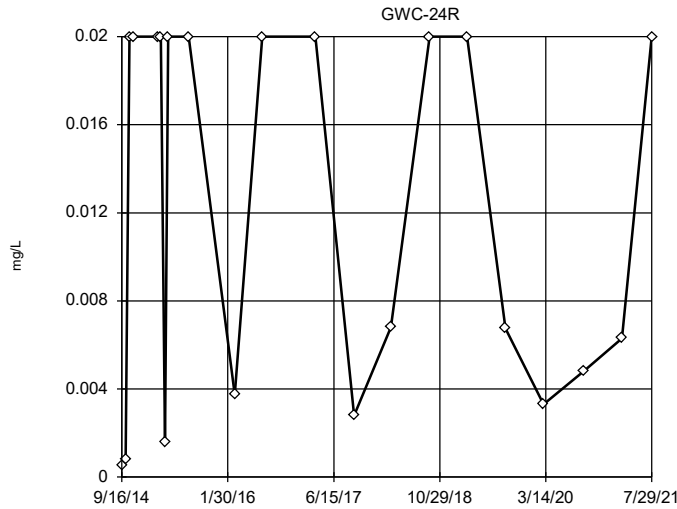
Tukey's Outlier Screening



n = 21
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 17.34, low cutoff = 0.0000242, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:55 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

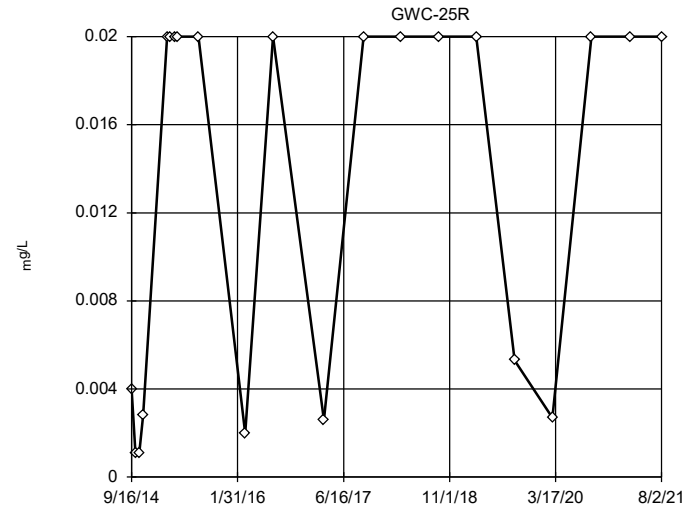
Tukey's Outlier Screening



n = 21
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 3.69, low cutoff = 0.00001904, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:55 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening



n = 21
 No outliers found. Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 7.697, low cutoff = 0.00007144, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/12/2022 2:55 PM View: Outlier Testing - Intrawell
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Test Pooled Upgradient Wells - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:38 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Calcium (mg/L)	GWA-36,GWA-36RA,G...	Yes	0.98,1.12,1,1,1,0.858,...	n/a w/combined bg	NP	NaN	215	26.17	13.63	In(x)	ChiSquared
Fluoride (mg/L)	GWA-36,GWA-36RA,G...	Yes	0.15,0.16,0.2,0.26,0.1...	n/a w/combined bg	NP	NaN	215	0.08771	0.0433	x^6	ChiSquared

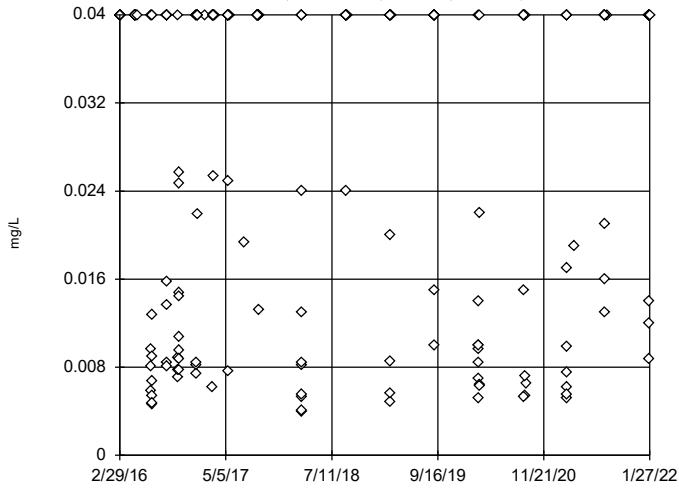
Tukey's Outlier Test Pooled Upgradient Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:38 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Boron (mg/L)	GWA-36,GWA-36RA,G...	No	n/a	n/a w/combined bg	NP	NaN	215	0.02962	0.01437	x^6	ChiSquared
Calcium (mg/L)	GWA-36,GWA-36RA,G...	Yes	0.98,1.12,1,1,1,0.858,...	n/a w/combined bg	NP	NaN	215	26.17	13.63	In(x)	ChiSquared
Fluoride (mg/L)	GWA-36,GWA-36RA,G...	Yes	0.15,0.16,0.2,0.26,0.1...	n/a w/combined bg	NP	NaN	215	0.08771	0.0433	x^6	ChiSquared

Tukey's Outlier Screening, Pooled Background

GWA-36,GWA-36RA,GWA-37,GWA-38,GWA-51R...

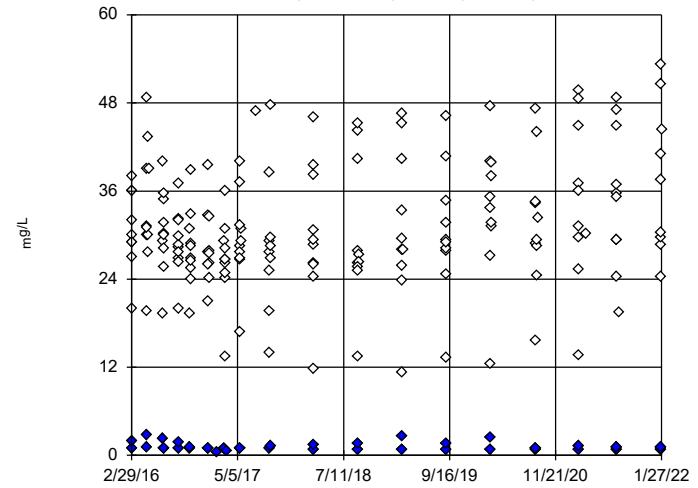


n = 215
 No outliers found.
 Tukey's method selected by user.
 Data were x*6 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.05039, low cutoff = -0.04802, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 4/7/2022 2:37 PM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening, Pooled Background

GWA-36,GWA-36RA,GWA-37,GWA-38,GWA-51R...

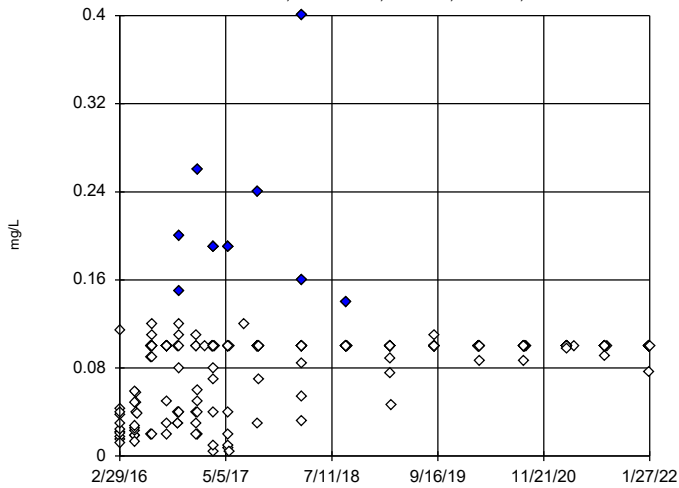


n = 215
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were natural log transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 154.8, low cutoff = 4.695, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/7/2022 2:37 PM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Tukey's Outlier Screening, Pooled Background

GWA-36,GWA-36RA,GWA-37,GWA-38,GWA-51R...



n = 215
 Outliers are drawn as solid.
 Tukey's method selected by user.
 Data were x*6 transformed to achieve best W statistic (graph shown in original units).
 High cutoff = 0.123, low cutoff = -0.1148, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/7/2022 2:37 PM View: Outliers
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

FIGURE D.

Mann Whitney - Appendix I - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Antimony (mg/L)	GWA-37 (bg)	-3.047	Yes	Yes	Mann-W
Antimony (mg/L)	GWA-53R (bg)	-3.557	Yes	Yes	Mann-W
Antimony (mg/L)	GWC-16R	3.447	Yes	Yes	Mann-W
Antimony (mg/L)	GWC-18R	-2.977	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-16R	-2.593	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-22R	-2.883	Yes	Yes	Mann-W
Barium (mg/L)	GWA-37 (bg)	-3.684	Yes	Yes	Mann-W
Barium (mg/L)	GWA-55R (bg)	-3.317	Yes	Yes	Mann-W
Barium (mg/L)	GWA-56 (bg)	3.445	Yes	Yes	Mann-W
Barium (mg/L)	GWC-18	-3.024	Yes	Yes	Mann-W
Beryllium (mg/L)	GWA-53 (bg)	-3.924	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-38 (bg)	-3.4	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-22R	-4.081	Yes	Yes	Mann-W
Lead (mg/L)	GWA-53R (bg)	-2.761	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-38 (bg)	-2.626	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-16R	-3.071	Yes	Yes	Mann-W

Mann Whitney - Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Antimony (mg/L)	GWA-36 (bg)	-2.432	No	No	Mann-W
Antimony (mg/L)	GWA-36RA (bg)	-1.917	No	No	Mann-W
Antimony (mg/L)	GWA-37 (bg)	-3.047	Yes	Yes	Mann-W
Antimony (mg/L)	GWA-51RZ (bg)	-2.299	No	No	Mann-W
Antimony (mg/L)	GWA-52 (bg)	-1.917	No	No	Mann-W
Antimony (mg/L)	GWA-53 (bg)	-1.898	No	No	Mann-W
Antimony (mg/L)	GWA-53R (bg)	-3.557	Yes	Yes	Mann-W
Antimony (mg/L)	GWA-54 (bg)	-1.502	No	No	Mann-W
Antimony (mg/L)	GWA-55 (bg)	-0.9216	No	No	Mann-W
Antimony (mg/L)	GWA-55R (bg)	1.114	No	No	Mann-W
Antimony (mg/L)	GWA-56 (bg)	0.4564	No	No	Mann-W
Antimony (mg/L)	GWC-16R	3.447	Yes	Yes	Mann-W
Antimony (mg/L)	GWC-17R	0.7241	No	No	Mann-W
Antimony (mg/L)	GWC-18	-1.053	No	No	Mann-W
Antimony (mg/L)	GWC-18R	-2.977	Yes	Yes	Mann-W
Antimony (mg/L)	GWC-20R	-1.917	No	No	Mann-W
Antimony (mg/L)	GWC-21R	-1.473	No	No	Mann-W
Antimony (mg/L)	GWC-23R	-0.04422	No	No	Mann-W
Antimony (mg/L)	GWC-24R	-2.049	No	No	Mann-W
Antimony (mg/L)	GWC-25R	0.8034	No	No	Mann-W
Arsenic (mg/L)	GWA-36RA (bg)	1.114	No	No	Mann-W
Arsenic (mg/L)	GWA-37 (bg)	-0.9216	No	No	Mann-W
Arsenic (mg/L)	GWA-38 (bg)	-0.7751	No	No	Mann-W
Arsenic (mg/L)	GWA-51RZ (bg)	-0.7891	No	No	Mann-W
Arsenic (mg/L)	GWA-52 (bg)	-0.3838	No	No	Mann-W
Arsenic (mg/L)	GWA-53 (bg)	-1.896	No	No	Mann-W
Arsenic (mg/L)	GWA-53R (bg)	-2.255	No	No	Mann-W
Arsenic (mg/L)	GWA-54 (bg)	-1.017	No	No	Mann-W
Arsenic (mg/L)	GWA-55 (bg)	-1.017	No	No	Mann-W
Arsenic (mg/L)	GWA-55R (bg)	-0.4285	No	No	Mann-W
Arsenic (mg/L)	GWA-56 (bg)	-0.8959	No	No	Mann-W
Arsenic (mg/L)	GWC-16R	-2.593	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-17R	1.647	No	No	Mann-W
Arsenic (mg/L)	GWC-18	-1.809	No	No	Mann-W
Arsenic (mg/L)	GWC-18R	-1.459	No	No	Mann-W
Arsenic (mg/L)	GWC-19R	-1.308	No	No	Mann-W
Arsenic (mg/L)	GWC-20R	-1.017	No	No	Mann-W
Arsenic (mg/L)	GWC-21R	-1.201	No	No	Mann-W
Arsenic (mg/L)	GWC-22R	-2.883	Yes	Yes	Mann-W
Arsenic (mg/L)	GWC-23R	0.3391	No	No	Mann-W
Arsenic (mg/L)	GWC-24R	-0.4286	No	No	Mann-W
Arsenic (mg/L)	GWC-25R	0	No	No	Mann-W
Barium (mg/L)	GWA-36 (bg)	2.034	No	No	Mann-W
Barium (mg/L)	GWA-36RA (bg)	1.037	No	No	Mann-W
Barium (mg/L)	GWA-37 (bg)	-3.684	Yes	Yes	Mann-W
Barium (mg/L)	GWA-38 (bg)	-1.023	No	No	Mann-W
Barium (mg/L)	GWA-51RZ (bg)	0.2134	No	No	Mann-W
Barium (mg/L)	GWA-52 (bg)	-1.462	No	No	Mann-W
Barium (mg/L)	GWA-53 (bg)	-1.852	No	No	Mann-W
Barium (mg/L)	GWA-53R (bg)	0.7491	No	No	Mann-W
Barium (mg/L)	GWA-54 (bg)	1.189	No	No	Mann-W
Barium (mg/L)	GWA-55 (bg)	0.579	No	No	Mann-W
Barium (mg/L)	GWA-55R (bg)	-3.317	Yes	Yes	Mann-W
Barium (mg/L)	GWA-56 (bg)	3.445	Yes	Yes	Mann-W
Barium (mg/L)	GWC-16R	0	No	No	Mann-W
Barium (mg/L)	GWC-17R	-1.944	No	No	Mann-W
Barium (mg/L)	GWC-18	-3.024	Yes	Yes	Mann-W
Barium (mg/L)	GWC-18R	0.8136	No	No	Mann-W
Barium (mg/L)	GWC-19R	-0.1293	No	No	Mann-W
Barium (mg/L)	GWC-20R	-0.8549	No	No	Mann-W
Barium (mg/L)	GWC-21R	-2.141	No	No	Mann-W
Barium (mg/L)	GWC-22R	1.191	No	No	Mann-W
Barium (mg/L)	GWC-23R	-0.2436	No	No	Mann-W
Barium (mg/L)	GWC-24R	-1.471	No	No	Mann-W
Barium (mg/L)	GWC-25R	1.465	No	No	Mann-W
Beryllium (mg/L)	GWA-36 (bg)	-0.37	No	No	Mann-W
Beryllium (mg/L)	GWA-36RA (bg)	-2.057	No	No	Mann-W
Beryllium (mg/L)	GWA-37 (bg)	0.4564	No	No	Mann-W

Mann Whitney - Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

Constituent	Well	Calc.	0.01	Sig.	Method
Beryllium (mg/L)	GWA-38 (bg)	1.443	No	No	Mann-W
Beryllium (mg/L)	GWA-51RZ (bg)	0.4564	No	No	Mann-W
Beryllium (mg/L)	GWA-52 (bg)	-1.917	No	No	Mann-W
Beryllium (mg/L)	GWA-53 (bg)	-3.924	Yes	Yes	Mann-W
Beryllium (mg/L)	GWA-53R (bg)	0.4564	No	No	Mann-W
Beryllium (mg/L)	GWA-55 (bg)	0.4564	No	No	Mann-W
Beryllium (mg/L)	GWA-55R (bg)	0.932	No	No	Mann-W
Beryllium (mg/L)	GWA-56 (bg)	0.4564	No	No	Mann-W
Beryllium (mg/L)	GWC-18	0.7241	No	No	Mann-W
Beryllium (mg/L)	GWC-18R	-2.514	No	No	Mann-W
Beryllium (mg/L)	GWC-19R	-1.308	No	No	Mann-W
Beryllium (mg/L)	GWC-20R	0.4564	No	No	Mann-W
Cadmium (mg/L)	GWA-36 (bg)	0.7321	No	No	Mann-W
Cadmium (mg/L)	GWA-36RA (bg)	-2.38	No	No	Mann-W
Cadmium (mg/L)	GWA-37 (bg)	-1.502	No	No	Mann-W
Cadmium (mg/L)	GWA-38 (bg)	1.447	No	No	Mann-W
Cadmium (mg/L)	GWA-51RZ (bg)	-0.06583	No	No	Mann-W
Cadmium (mg/L)	GWC-18	0.4564	No	No	Mann-W
Cadmium (mg/L)	GWC-21R	0.4564	No	No	Mann-W
Cadmium (mg/L)	GWC-22R	0.4564	No	No	Mann-W
Cadmium (mg/L)	GWC-25R	0.4564	No	No	Mann-W
Chromium (mg/L)	GWA-36 (bg)	1.283	No	No	Mann-W
Chromium (mg/L)	GWA-36RA (bg)	-1.181	No	No	Mann-W
Chromium (mg/L)	GWA-37 (bg)	1.725	No	No	Mann-W
Chromium (mg/L)	GWA-38 (bg)	-1.376	No	No	Mann-W
Chromium (mg/L)	GWA-51RZ (bg)	-1.333	No	No	Mann-W
Chromium (mg/L)	GWA-52 (bg)	-1.829	No	No	Mann-W
Chromium (mg/L)	GWA-53 (bg)	-1.286	No	No	Mann-W
Chromium (mg/L)	GWA-53R (bg)	-1.731	No	No	Mann-W
Chromium (mg/L)	GWA-54 (bg)	0.405	No	No	Mann-W
Chromium (mg/L)	GWA-55 (bg)	-1.823	No	No	Mann-W
Chromium (mg/L)	GWA-55R (bg)	-1.282	No	No	Mann-W
Chromium (mg/L)	GWA-56 (bg)	-1.99	No	No	Mann-W
Chromium (mg/L)	GWC-16R	-1.049	No	No	Mann-W
Chromium (mg/L)	GWC-17R	-0.04422	No	No	Mann-W
Chromium (mg/L)	GWC-18	-2.306	No	No	Mann-W
Chromium (mg/L)	GWC-18R	-1.027	No	No	Mann-W
Chromium (mg/L)	GWC-19R	-0.9687	No	No	Mann-W
Chromium (mg/L)	GWC-20R	-1.772	No	No	Mann-W
Chromium (mg/L)	GWC-21R	-0.8345	No	No	Mann-W
Chromium (mg/L)	GWC-22R	-0.3838	No	No	Mann-W
Chromium (mg/L)	GWC-23R	-0.4837	No	No	Mann-W
Chromium (mg/L)	GWC-24R	-1.917	No	No	Mann-W
Chromium (mg/L)	GWC-25R	-2.047	No	No	Mann-W
Cobalt (mg/L)	GWA-36 (bg)	0.4564	No	No	Mann-W
Cobalt (mg/L)	GWA-36RA (bg)	-0.04424	No	No	Mann-W
Cobalt (mg/L)	GWA-37 (bg)	1.9	No	No	Mann-W
Cobalt (mg/L)	GWA-38 (bg)	-3.4	Yes	Yes	Mann-W
Cobalt (mg/L)	GWA-51RZ (bg)	0.4564	No	No	Mann-W
Cobalt (mg/L)	GWA-54 (bg)	0.7241	No	No	Mann-W
Cobalt (mg/L)	GWA-55 (bg)	2.409	No	No	Mann-W
Cobalt (mg/L)	GWA-55R (bg)	1.443	No	No	Mann-W
Cobalt (mg/L)	GWC-16R	0	No	No	Mann-W
Cobalt (mg/L)	GWC-18	0.7241	No	No	Mann-W
Cobalt (mg/L)	GWC-18R	1.115	No	No	Mann-W
Cobalt (mg/L)	GWC-21R	-2.397	No	No	Mann-W
Cobalt (mg/L)	GWC-22R	-4.081	Yes	Yes	Mann-W
Cobalt (mg/L)	GWC-25R	-0.9216	No	No	Mann-W
Copper (mg/L)	GWA-36 (bg)	-0.8401	No	No	Mann-W
Copper (mg/L)	GWA-36RA (bg)	0.5367	No	No	Mann-W
Copper (mg/L)	GWA-37 (bg)	-0.2714	No	No	Mann-W
Copper (mg/L)	GWA-38 (bg)	0.8463	No	No	Mann-W
Copper (mg/L)	GWA-51RZ (bg)	-0.4355	No	No	Mann-W
Copper (mg/L)	GWA-52 (bg)	-0.8401	No	No	Mann-W
Copper (mg/L)	GWA-53 (bg)	-0.6874	No	No	Mann-W
Copper (mg/L)	GWA-53R (bg)	0.8401	No	No	Mann-W
Copper (mg/L)	GWA-54 (bg)	-0.8401	No	No	Mann-W
Copper (mg/L)	GWA-55 (bg)	0.527	No	No	Mann-W

Mann Whitney - Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

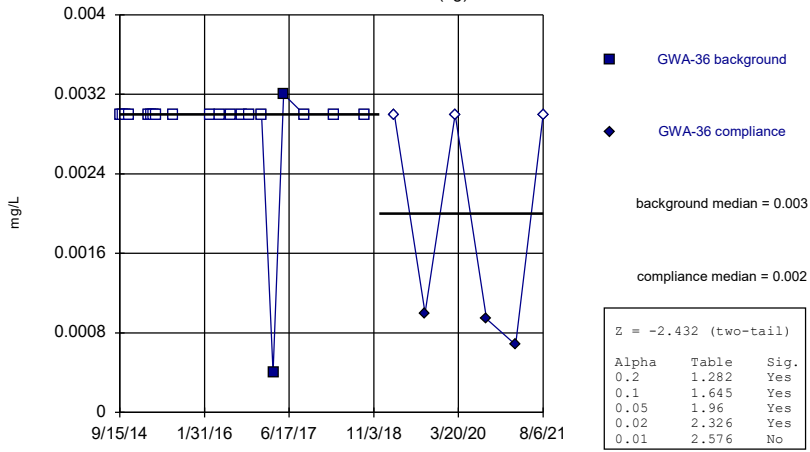
Constituent	Well	Calc.	0.01	Sig.	Method
Copper (mg/L)	GWA-55R (bg)	1.088	No	No	Mann-W
Copper (mg/L)	GWA-56 (bg)	-1.726	No	No	Mann-W
Copper (mg/L)	GWC-16R	1.37	No	No	Mann-W
Copper (mg/L)	GWC-17R	0.8	No	No	Mann-W
Copper (mg/L)	GWC-18	-1.687	No	No	Mann-W
Copper (mg/L)	GWC-18R	0.8401	No	No	Mann-W
Copper (mg/L)	GWC-19R	-0.2557	No	No	Mann-W
Copper (mg/L)	GWC-20R	0.527	No	No	Mann-W
Copper (mg/L)	GWC-21R	0.2945	No	No	Mann-W
Copper (mg/L)	GWC-22R	-0.8401	No	No	Mann-W
Copper (mg/L)	GWC-23R	-0.5106	No	No	Mann-W
Copper (mg/L)	GWC-24R	-2.293	No	No	Mann-W
Copper (mg/L)	GWC-25R	-1.687	No	No	Mann-W
Lead (mg/L)	GWA-36 (bg)	-2.134	No	No	Mann-W
Lead (mg/L)	GWA-36RA (bg)	-0.5761	No	No	Mann-W
Lead (mg/L)	GWA-37 (bg)	1.65	No	No	Mann-W
Lead (mg/L)	GWA-38 (bg)	0.9507	No	No	Mann-W
Lead (mg/L)	GWA-51RZ (bg)	-2.029	No	No	Mann-W
Lead (mg/L)	GWA-53 (bg)	-1.901	No	No	Mann-W
Lead (mg/L)	GWA-53R (bg)	-2.761	Yes	Yes	Mann-W
Lead (mg/L)	GWA-54 (bg)	-1.917	No	No	Mann-W
Lead (mg/L)	GWA-55 (bg)	-2.212	No	No	Mann-W
Lead (mg/L)	GWA-55R (bg)	-0.04428	No	No	Mann-W
Lead (mg/L)	GWA-56 (bg)	-0.8203	No	No	Mann-W
Lead (mg/L)	GWC-16R	-0.7518	No	No	Mann-W
Lead (mg/L)	GWC-17R	0.4564	No	No	Mann-W
Lead (mg/L)	GWC-18	-2.332	No	No	Mann-W
Lead (mg/L)	GWC-18R	-0.9677	No	No	Mann-W
Lead (mg/L)	GWC-19R	-0.09689	No	No	Mann-W
Lead (mg/L)	GWC-21R	0.2741	No	No	Mann-W
Lead (mg/L)	GWC-22R	-0.2908	No	No	Mann-W
Lead (mg/L)	GWC-23R	-2.029	No	No	Mann-W
Lead (mg/L)	GWC-24R	-2.389	No	No	Mann-W
Lead (mg/L)	GWC-25R	-2.533	No	No	Mann-W
Mercury (mg/L)	GWA-36 (bg)	1.647	No	No	Mann-W
Mercury (mg/L)	GWA-36RA (bg)	1.114	No	No	Mann-W
Mercury (mg/L)	GWA-37 (bg)	0	No	No	Mann-W
Mercury (mg/L)	GWA-38 (bg)	0.3095	No	No	Mann-W
Mercury (mg/L)	GWA-51RZ (bg)	1.282	No	No	Mann-W
Mercury (mg/L)	GWC-16R	0.7241	No	No	Mann-W
Mercury (mg/L)	GWC-17R	0.932	No	No	Mann-W
Mercury (mg/L)	GWC-18	1.282	No	No	Mann-W
Mercury (mg/L)	GWC-18R	0.932	No	No	Mann-W
Mercury (mg/L)	GWC-19R	0	No	No	Mann-W
Mercury (mg/L)	GWC-20R	0.932	No	No	Mann-W
Mercury (mg/L)	GWC-21R	0.4564	No	No	Mann-W
Mercury (mg/L)	GWC-22R	0.2741	No	No	Mann-W
Mercury (mg/L)	GWC-23R	0.7241	No	No	Mann-W
Mercury (mg/L)	GWC-24R	0.7241	No	No	Mann-W
Mercury (mg/L)	GWC-25R	0.932	No	No	Mann-W
Nickel (mg/L)	GWA-36 (bg)	-1.302	No	No	Mann-W
Nickel (mg/L)	GWA-36RA (bg)	-0.2158	No	No	Mann-W
Nickel (mg/L)	GWA-37 (bg)	-1.21	No	No	Mann-W
Nickel (mg/L)	GWA-38 (bg)	-2.626	Yes	Yes	Mann-W
Nickel (mg/L)	GWA-51RZ (bg)	0.8707	No	No	Mann-W
Nickel (mg/L)	GWA-52 (bg)	0.527	No	No	Mann-W
Nickel (mg/L)	GWA-53 (bg)	0.8401	No	No	Mann-W
Nickel (mg/L)	GWA-54 (bg)	1.087	No	No	Mann-W
Nickel (mg/L)	GWA-55 (bg)	-0.8401	No	No	Mann-W
Nickel (mg/L)	GWA-55R (bg)	1.511	No	No	Mann-W
Nickel (mg/L)	GWA-56 (bg)	0.527	No	No	Mann-W
Nickel (mg/L)	GWC-16R	-3.071	Yes	Yes	Mann-W
Nickel (mg/L)	GWC-18	0.4394	No	No	Mann-W
Nickel (mg/L)	GWC-19R	-0.6874	No	No	Mann-W
Nickel (mg/L)	GWC-21R	-1.1	No	No	Mann-W
Nickel (mg/L)	GWC-22R	-2.386	No	No	Mann-W
Nickel (mg/L)	GWC-23R	-1.726	No	No	Mann-W
Nickel (mg/L)	GWC-24R	0.527	No	No	Mann-W

Mann Whitney - Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 3/29/2022, 10:35 AM

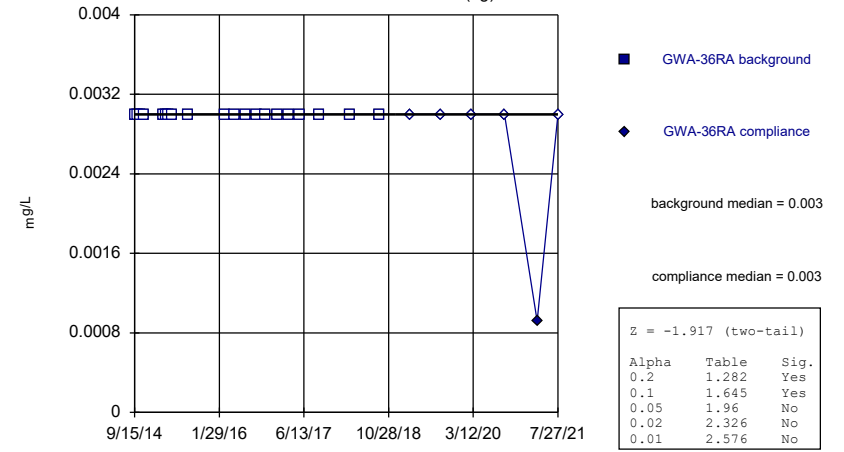
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Nickel (mg/L)	GWC-25R	0.527	No	No	Mann-W
Selenium (mg/L)	GWA-51RZ (bg)	-1.129	No	No	Mann-W
Selenium (mg/L)	GWA-55 (bg)	-2.338	No	No	Mann-W
Selenium (mg/L)	GWA-55R (bg)	-1.211	No	No	Mann-W
Selenium (mg/L)	GWA-56 (bg)	0.4564	No	No	Mann-W
Selenium (mg/L)	GWC-23R	-1.917	No	No	Mann-W
Silver (mg/L)	GWA-38 (bg)	0.527	No	No	Mann-W
Silver (mg/L)	GWC-16R	0.527	No	No	Mann-W
Silver (mg/L)	GWC-17R	0.8401	No	No	Mann-W
Silver (mg/L)	GWC-18R	0.527	No	No	Mann-W
Thallium (mg/L)	GWA-36 (bg)	0.7241	No	No	Mann-W
Thallium (mg/L)	GWA-36RA (bg)	0.7435	No	No	Mann-W
Thallium (mg/L)	GWA-51RZ (bg)	0.1117	No	No	Mann-W
Thallium (mg/L)	GWA-52 (bg)	0.932	No	No	Mann-W
Thallium (mg/L)	GWA-53 (bg)	1.902	No	No	Mann-W
Thallium (mg/L)	GWA-54 (bg)	1.12	No	No	Mann-W
Thallium (mg/L)	GWA-55 (bg)	0.03593	No	No	Mann-W
Thallium (mg/L)	GWA-55R (bg)	0.4564	No	No	Mann-W
Thallium (mg/L)	GWC-16R	-0.4027	No	No	Mann-W
Thallium (mg/L)	GWC-18	1.291	No	No	Mann-W
Thallium (mg/L)	GWC-20R	2.226	No	No	Mann-W
Thallium (mg/L)	GWC-21R	0.6358	No	No	Mann-W
Thallium (mg/L)	GWC-22R	-0.8139	No	No	Mann-W
Thallium (mg/L)	GWC-23R	0.2773	No	No	Mann-W
Vanadium (mg/L)	GWA-36RA (bg)	1.511	No	No	Mann-W
Vanadium (mg/L)	GWA-37 (bg)	-1.726	No	No	Mann-W
Vanadium (mg/L)	GWA-38 (bg)	0.2319	No	No	Mann-W
Vanadium (mg/L)	GWA-51RZ (bg)	-0.4393	No	No	Mann-W
Vanadium (mg/L)	GWA-52 (bg)	1.087	No	No	Mann-W
Vanadium (mg/L)	GWA-53 (bg)	0.527	No	No	Mann-W
Vanadium (mg/L)	GWA-53R (bg)	0.527	No	No	Mann-W
Vanadium (mg/L)	GWA-54 (bg)	1.306	No	No	Mann-W
Vanadium (mg/L)	GWA-55 (bg)	0.8401	No	No	Mann-W
Vanadium (mg/L)	GWA-55R (bg)	1.306	No	No	Mann-W
Vanadium (mg/L)	GWA-56 (bg)	0.8401	No	No	Mann-W
Vanadium (mg/L)	GWC-16R	-0.715	No	No	Mann-W
Vanadium (mg/L)	GWC-17R	0.527	No	No	Mann-W
Vanadium (mg/L)	GWC-18	-1.687	No	No	Mann-W
Vanadium (mg/L)	GWC-18R	0.8401	No	No	Mann-W
Vanadium (mg/L)	GWC-19R	-2.368	No	No	Mann-W
Vanadium (mg/L)	GWC-20R	0.527	No	No	Mann-W
Vanadium (mg/L)	GWC-21R	-2.368	No	No	Mann-W
Vanadium (mg/L)	GWC-22R	-1.687	No	No	Mann-W
Vanadium (mg/L)	GWC-23R	-0.8855	No	No	Mann-W
Vanadium (mg/L)	GWC-24R	-0.5886	No	No	Mann-W
Zinc (mg/L)	GWA-36 (bg)	0.5966	No	No	Mann-W
Zinc (mg/L)	GWA-36RA (bg)	-0.1237	No	No	Mann-W
Zinc (mg/L)	GWA-37 (bg)	-1.13	No	No	Mann-W
Zinc (mg/L)	GWA-38 (bg)	1.729	No	No	Mann-W
Zinc (mg/L)	GWA-51RZ (bg)	-0.2279	No	No	Mann-W
Zinc (mg/L)	GWA-52 (bg)	0.7333	No	No	Mann-W
Zinc (mg/L)	GWA-53 (bg)	1.03	No	No	Mann-W
Zinc (mg/L)	GWA-53R (bg)	1.527	No	No	Mann-W
Zinc (mg/L)	GWA-54 (bg)	1.484	No	No	Mann-W
Zinc (mg/L)	GWA-55 (bg)	0.4174	No	No	Mann-W
Zinc (mg/L)	GWA-55R (bg)	0.08912	No	No	Mann-W
Zinc (mg/L)	GWA-56 (bg)	1.01	No	No	Mann-W
Zinc (mg/L)	GWC-16R	-2.378	No	No	Mann-W
Zinc (mg/L)	GWC-17R	0.8625	No	No	Mann-W
Zinc (mg/L)	GWC-18	2.246	No	No	Mann-W
Zinc (mg/L)	GWC-18R	0.7147	No	No	Mann-W
Zinc (mg/L)	GWC-19R	1.948	No	No	Mann-W
Zinc (mg/L)	GWC-20R	1.792	No	No	Mann-W
Zinc (mg/L)	GWC-21R	1.92	No	No	Mann-W
Zinc (mg/L)	GWC-22R	0.5206	No	No	Mann-W
Zinc (mg/L)	GWC-23R	1.69	No	No	Mann-W
Zinc (mg/L)	GWC-24R	-0.4625	No	No	Mann-W
Zinc (mg/L)	GWC-25R	0.5793	No	No	Mann-W

Mann-Whitney (Wilcoxon Rank Sum)
GWA-36 (bg)



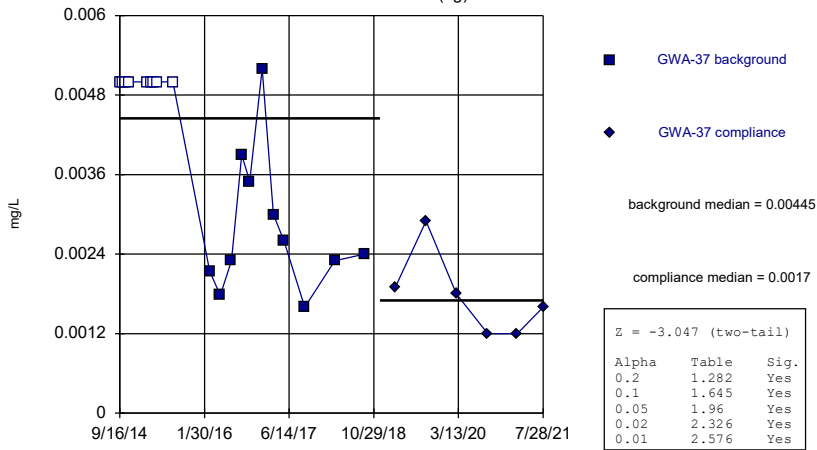
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-36RA (bg)



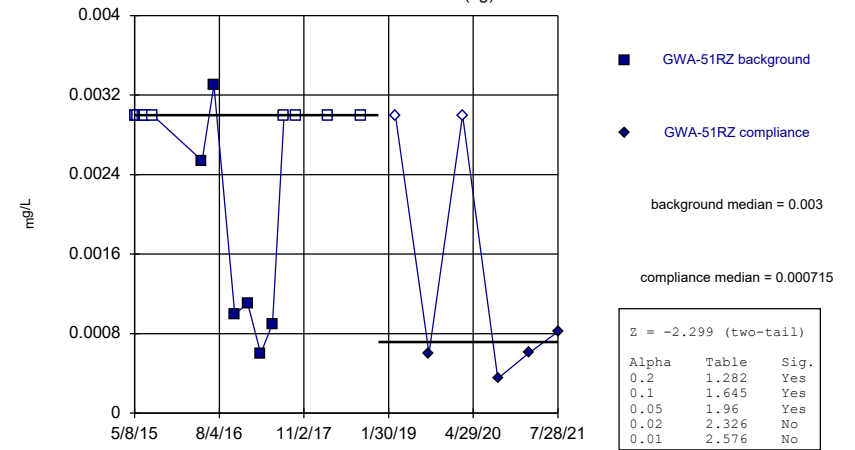
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-37 (bg)



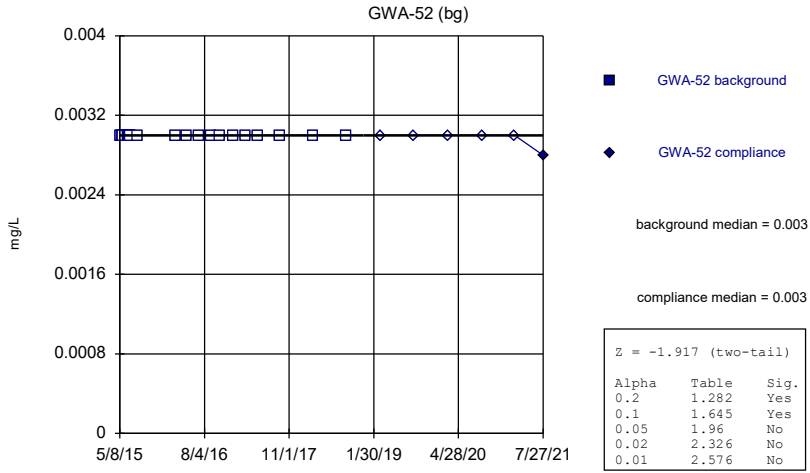
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-51RZ (bg)



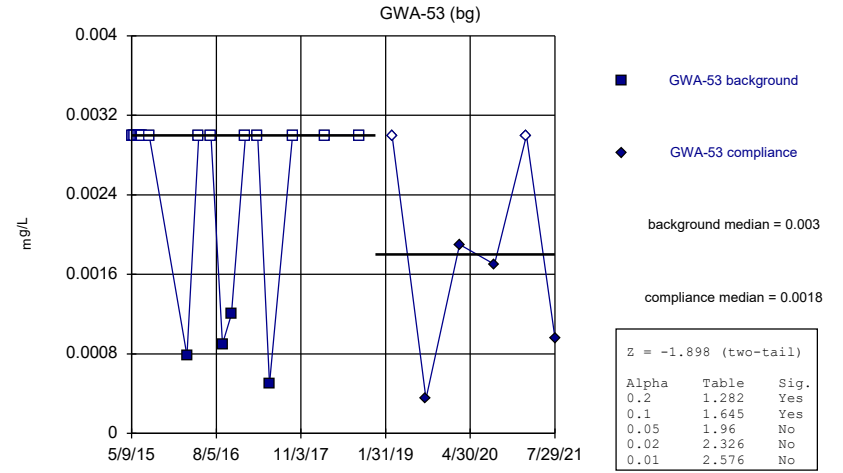
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



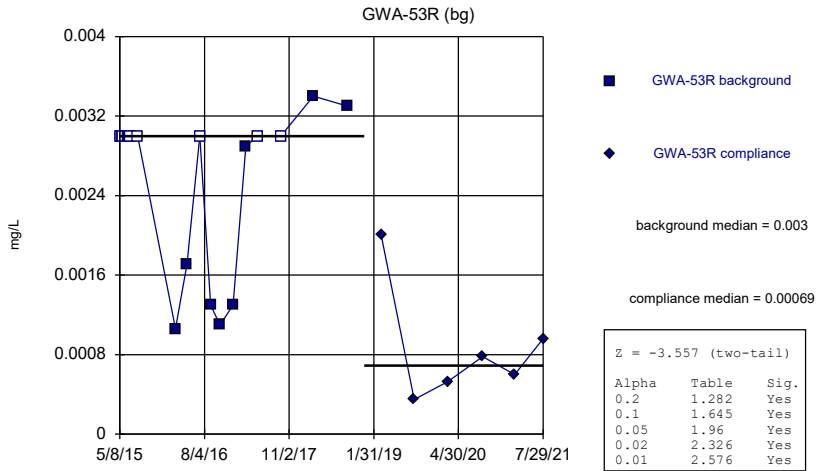
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



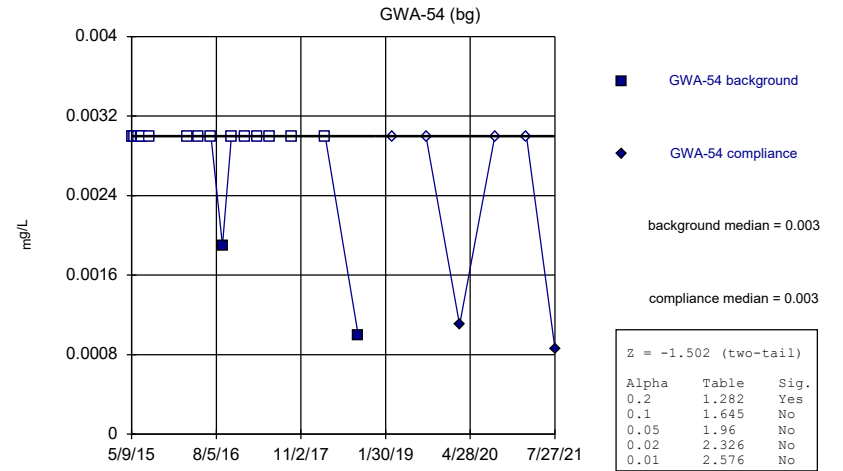
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



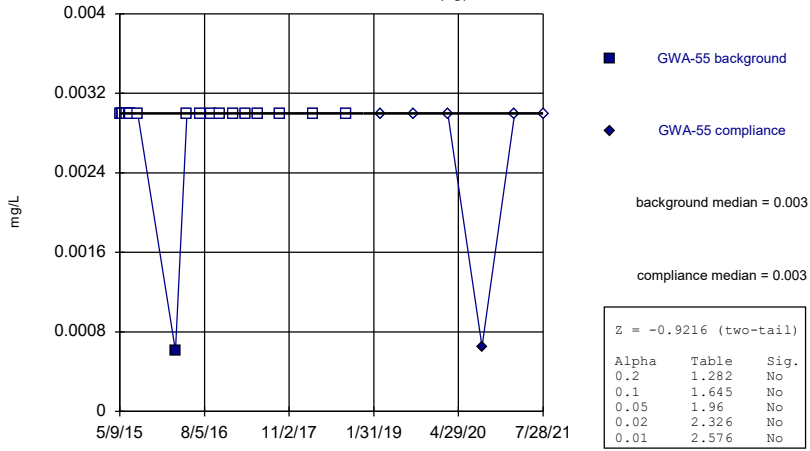
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



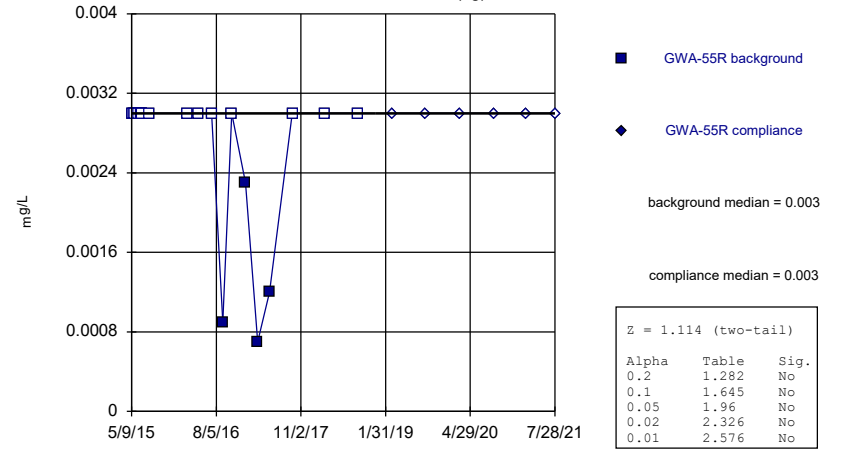
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55 (bg)



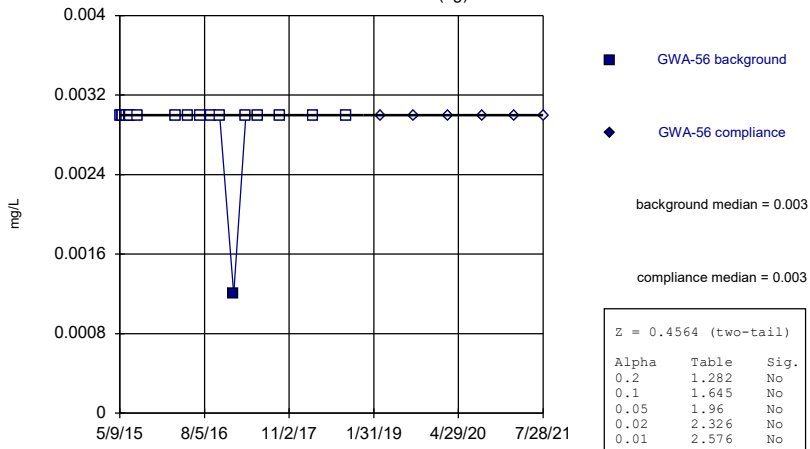
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55R (bg)



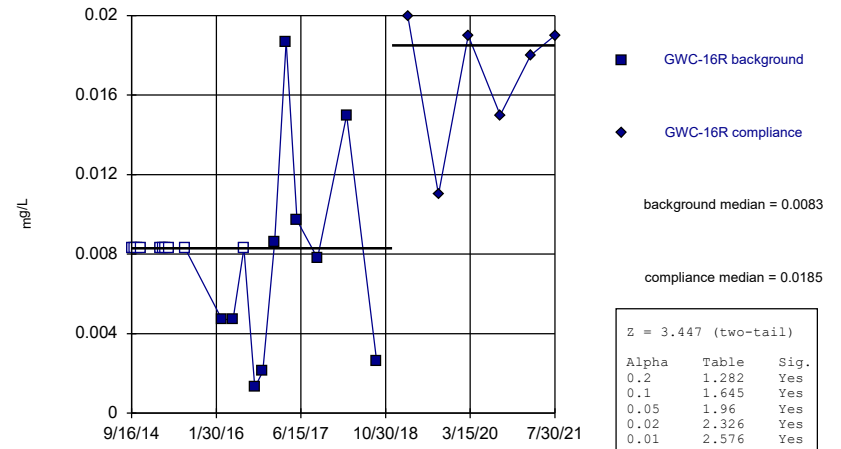
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-56 (bg)



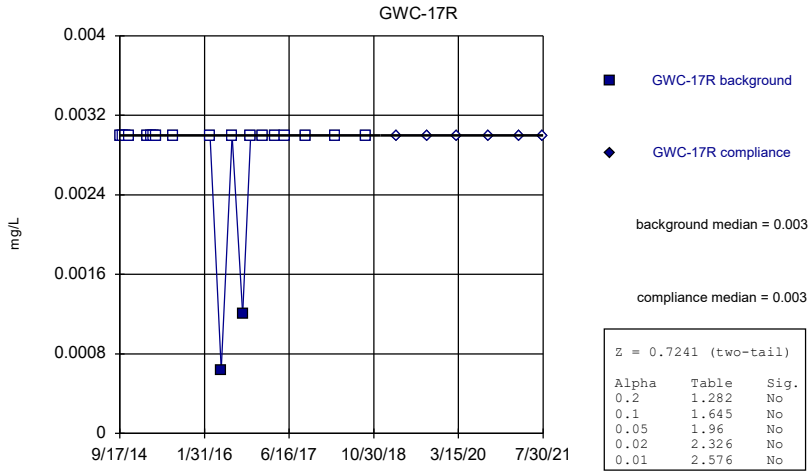
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-16R



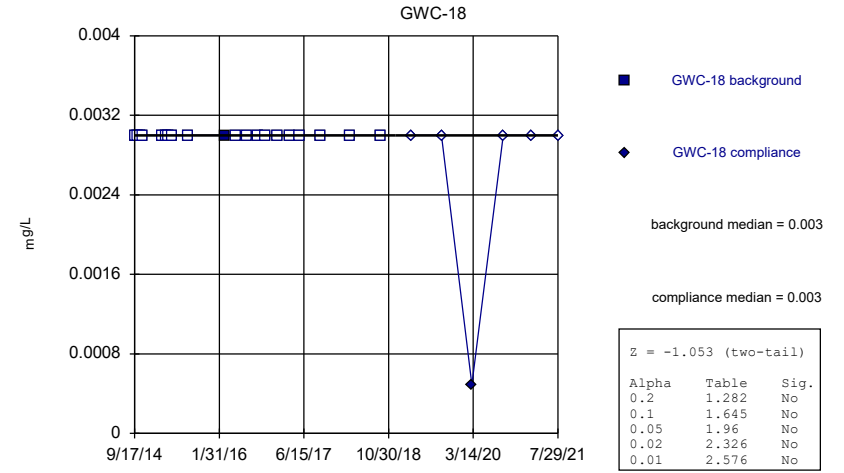
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



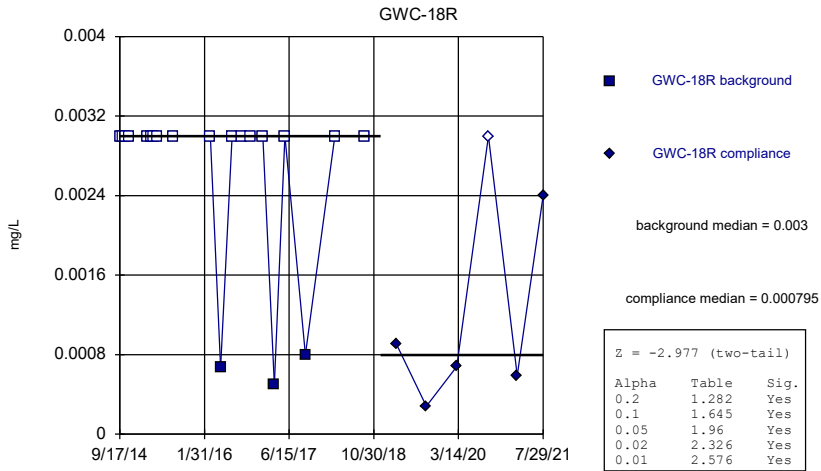
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



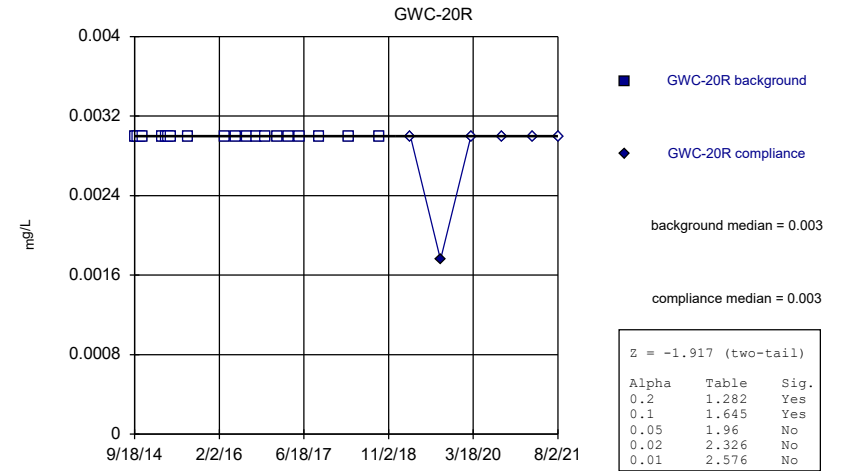
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



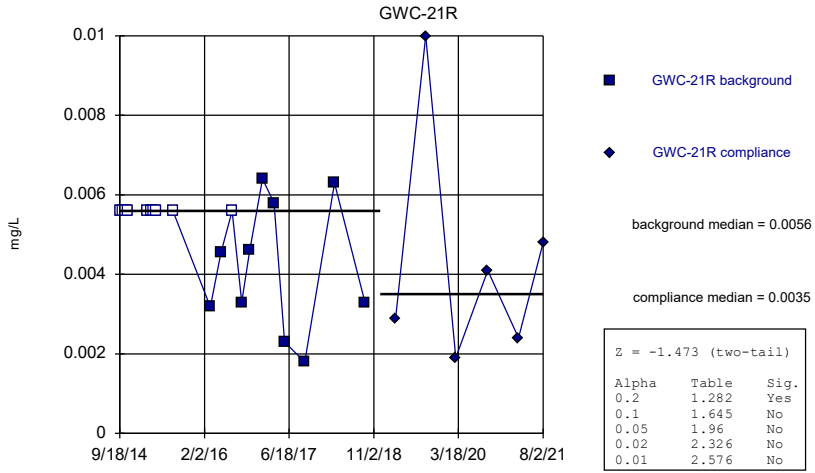
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



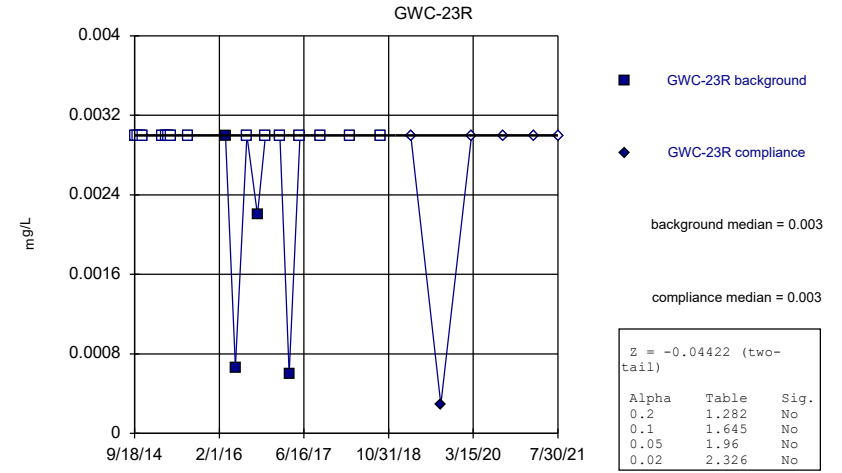
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



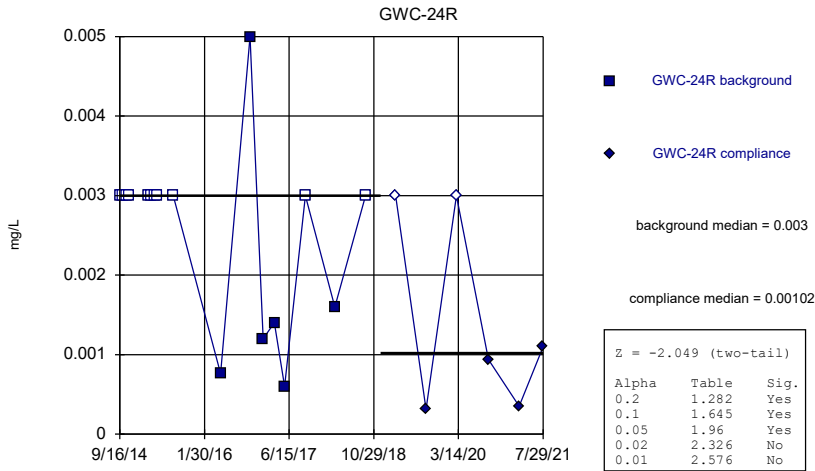
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



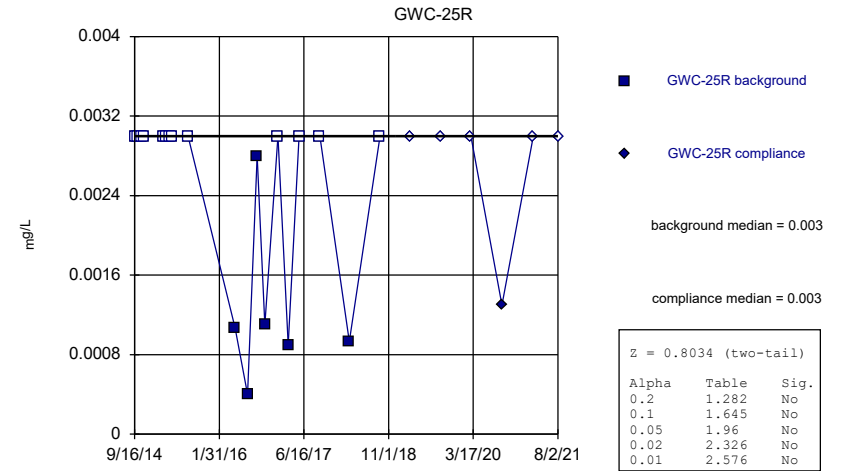
Constituent: Antimony Analysis Run 3/29/2022 10:29 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

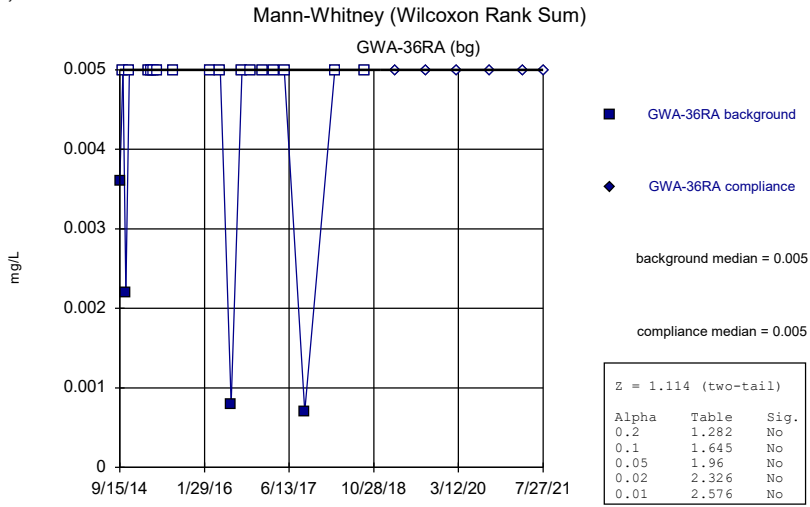


Constituent: Antimony Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

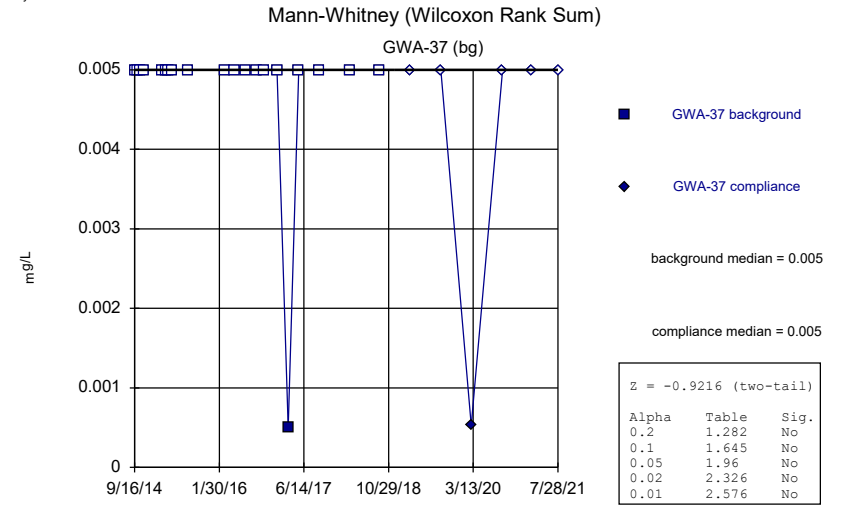
Mann-Whitney (Wilcoxon Rank Sum)



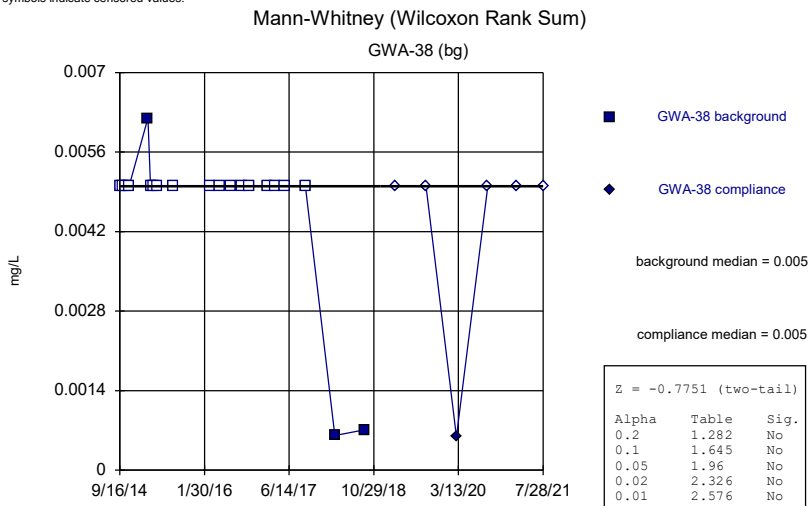
Constituent: Antimony Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



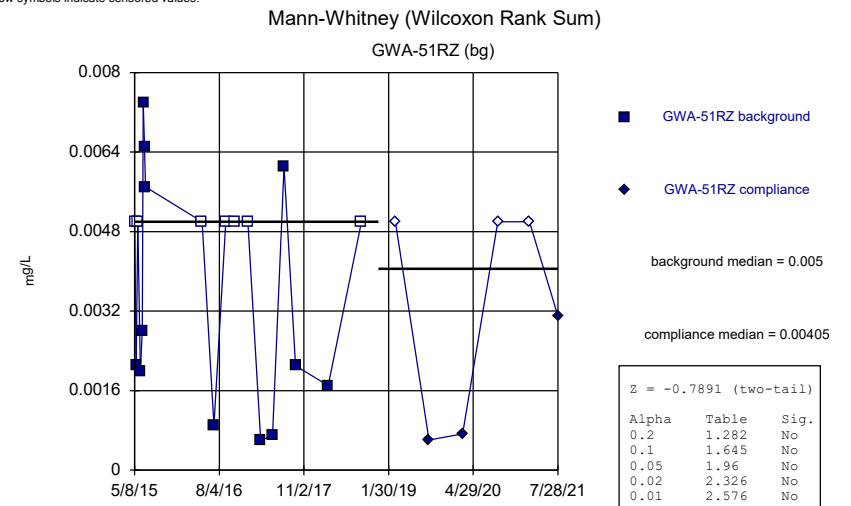
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



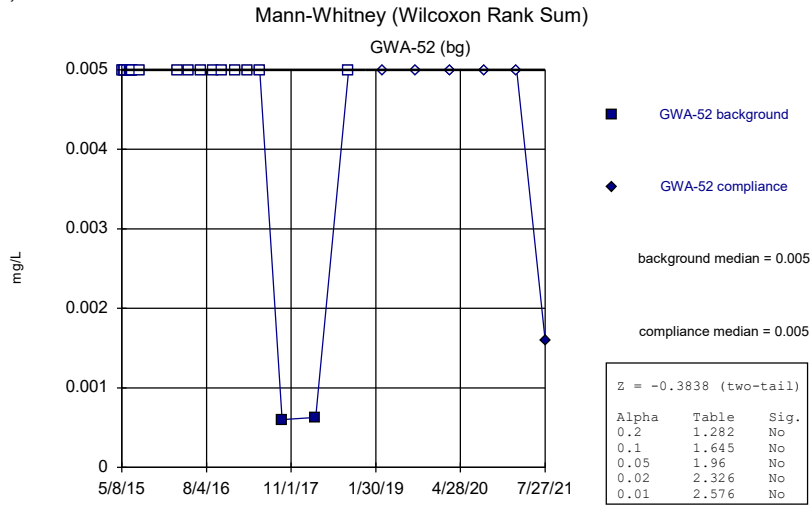
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



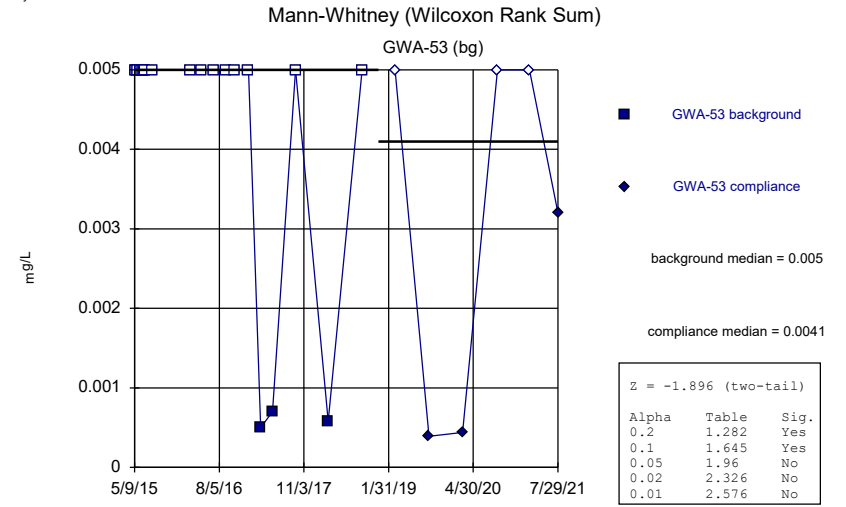
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



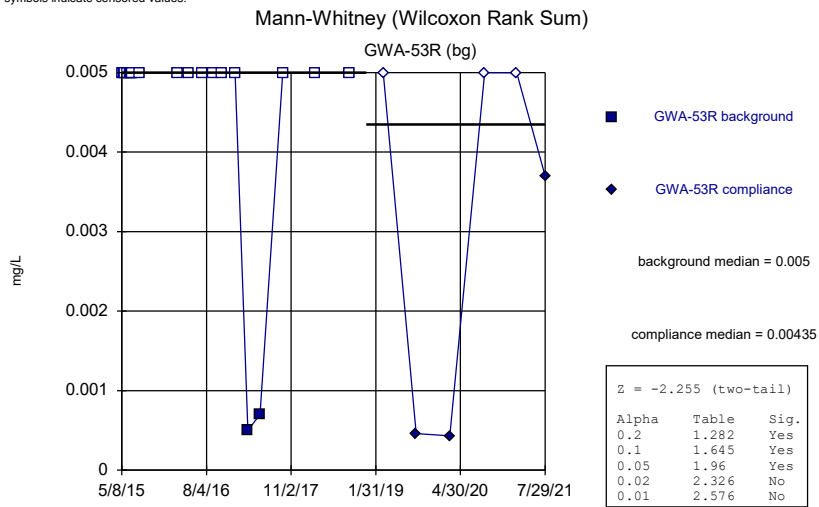
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



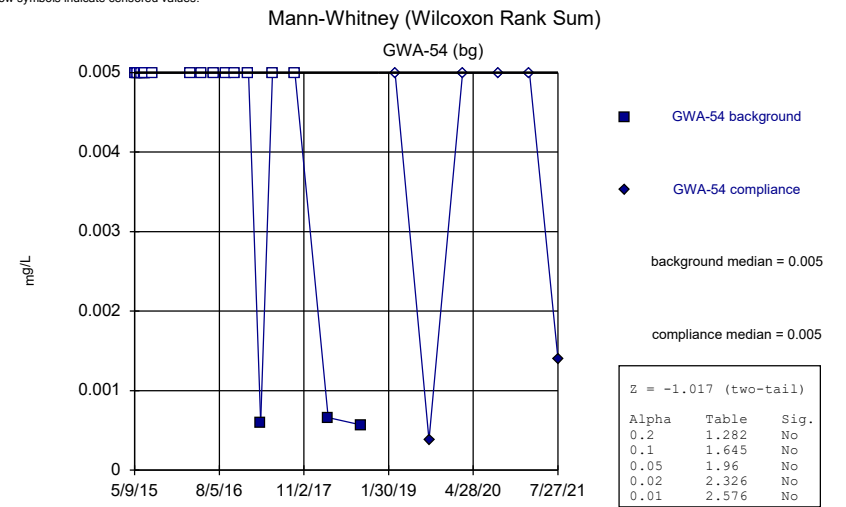
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



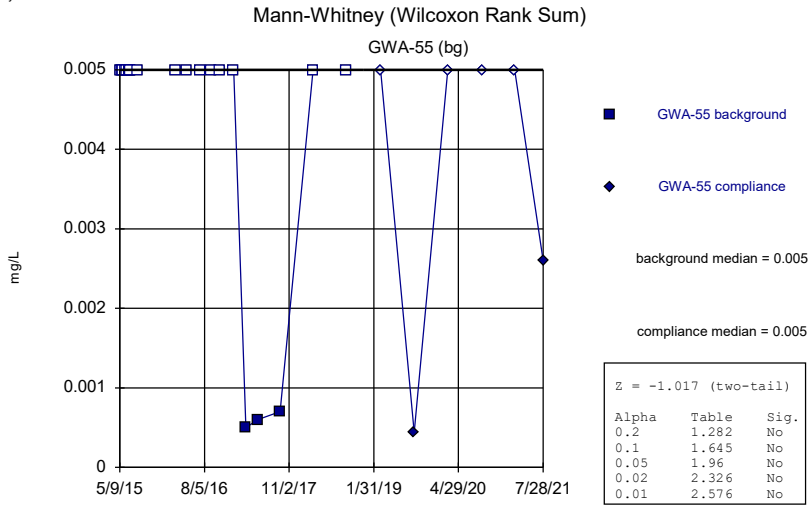
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



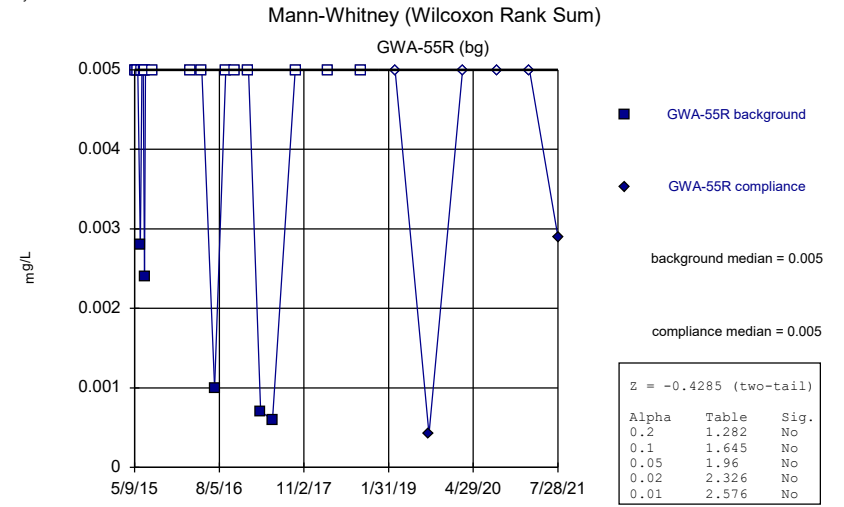
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



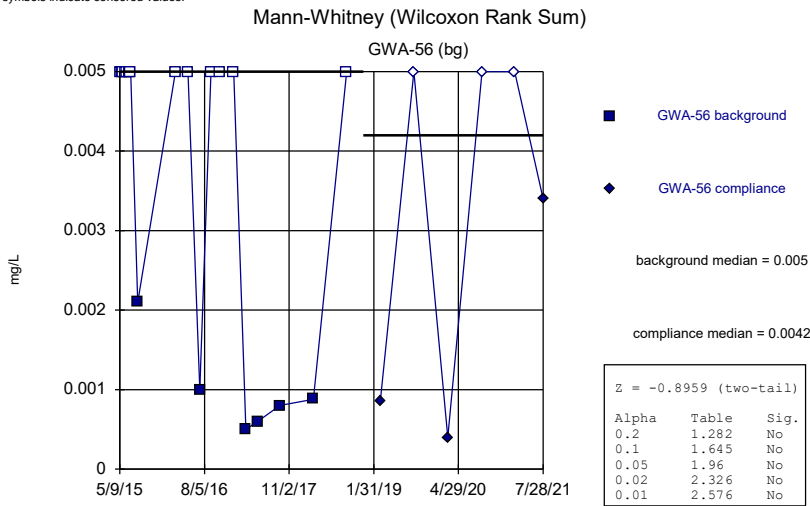
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



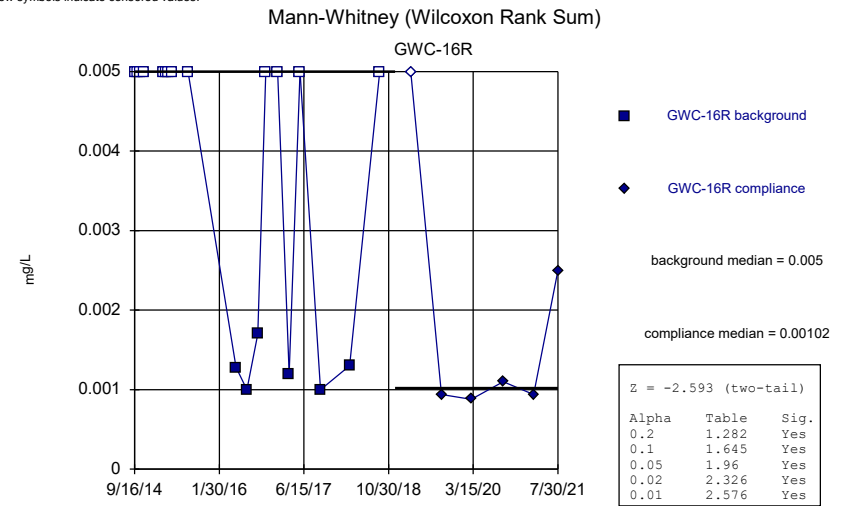
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

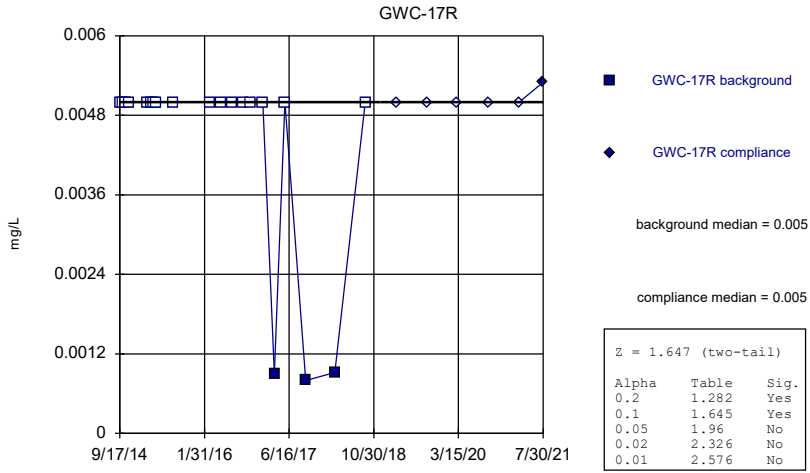


Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



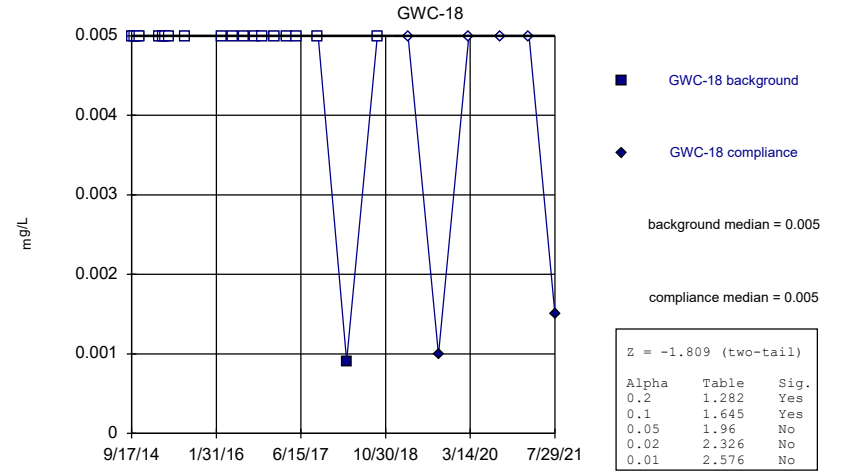
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



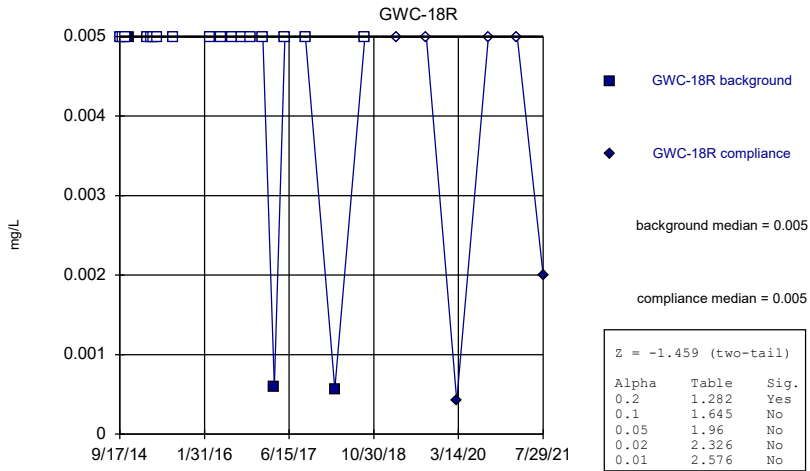
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



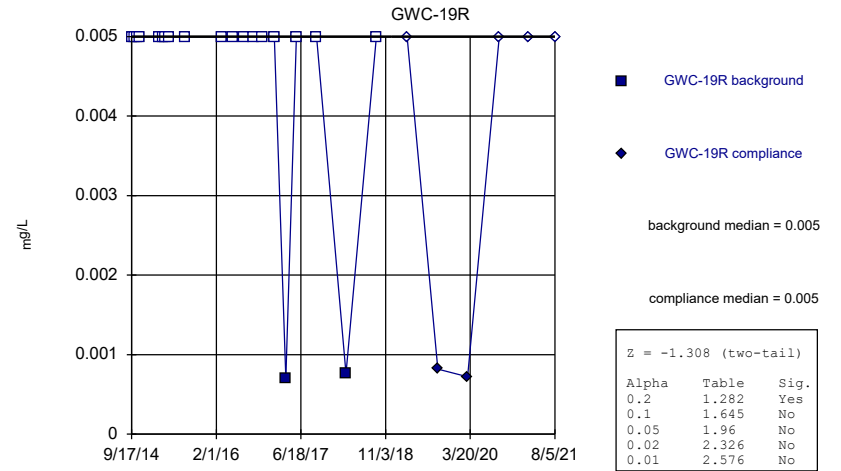
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

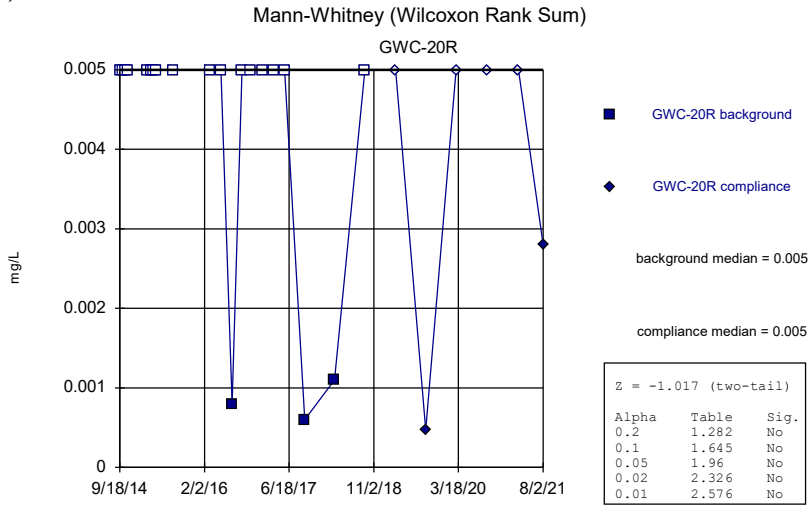


Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

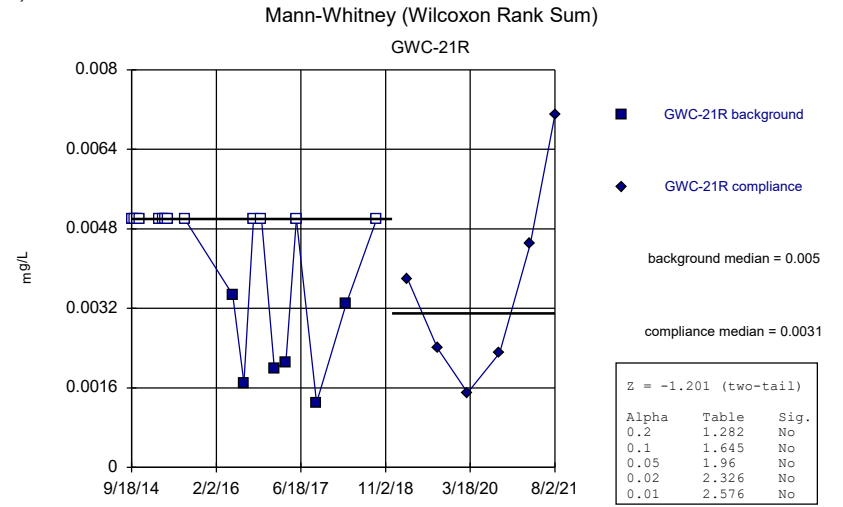
Mann-Whitney (Wilcoxon Rank Sum)



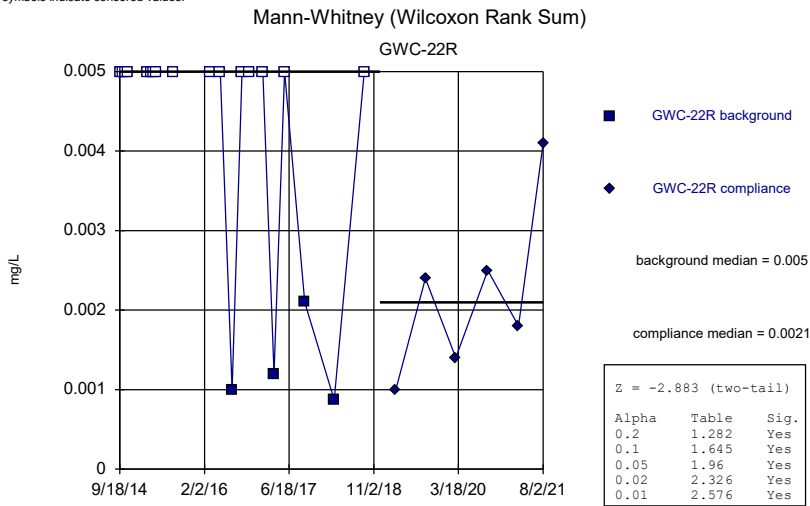
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



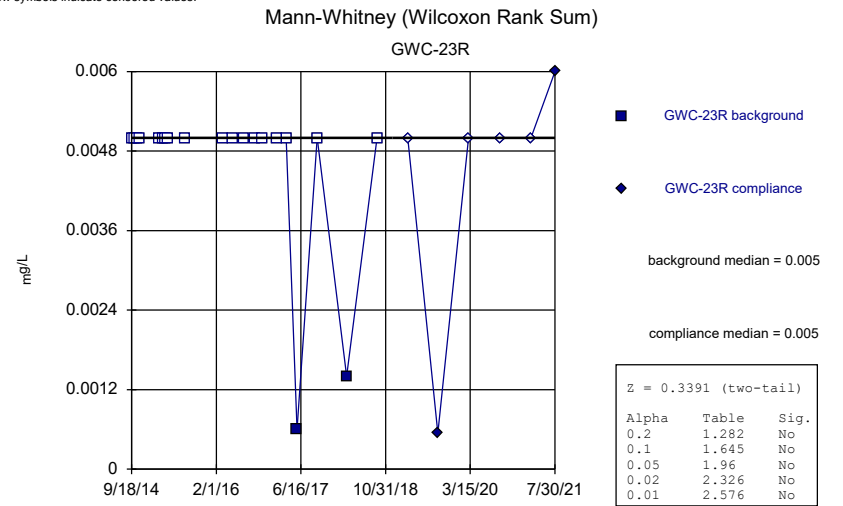
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



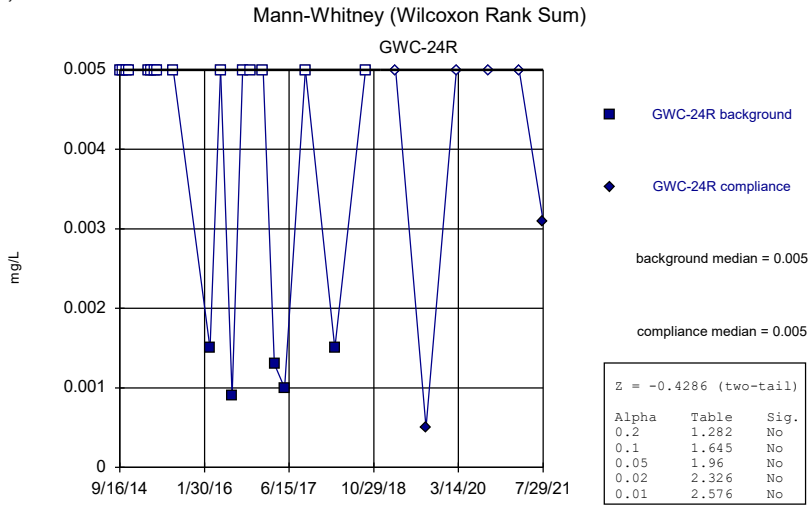
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



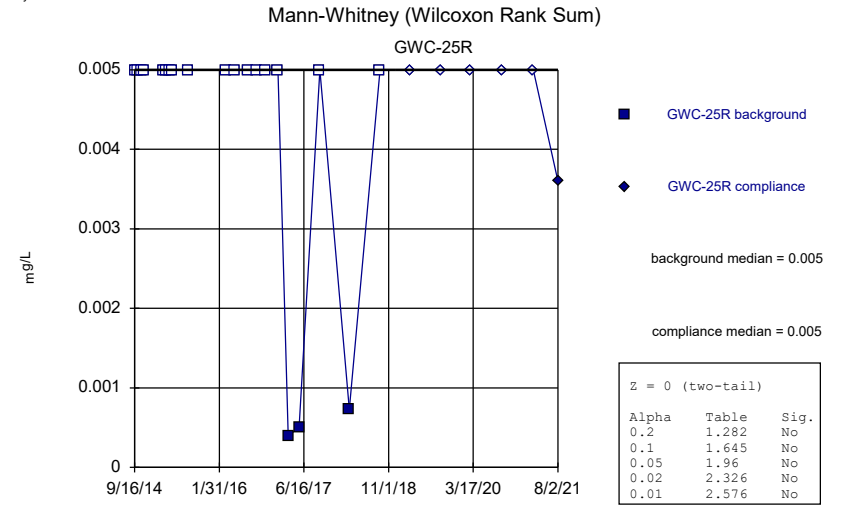
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



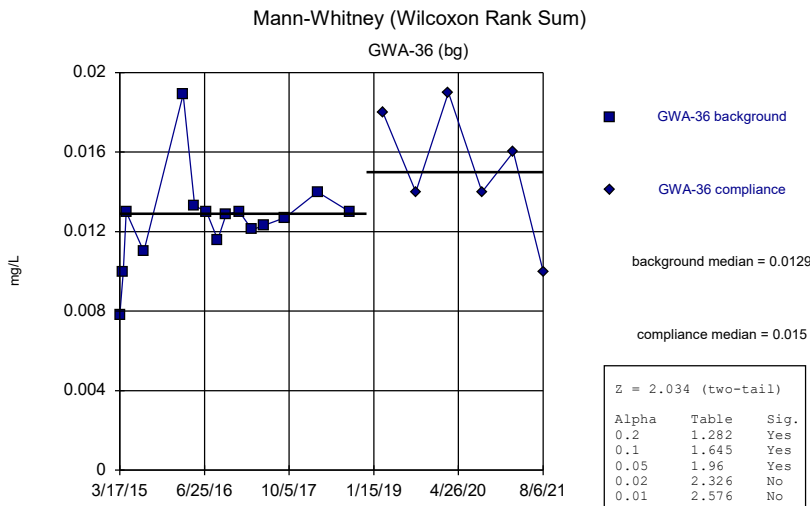
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



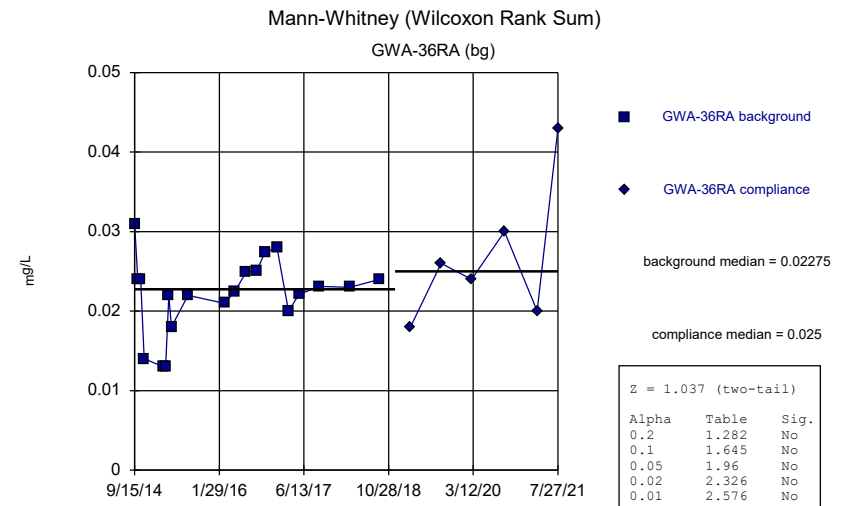
Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Arsenic Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

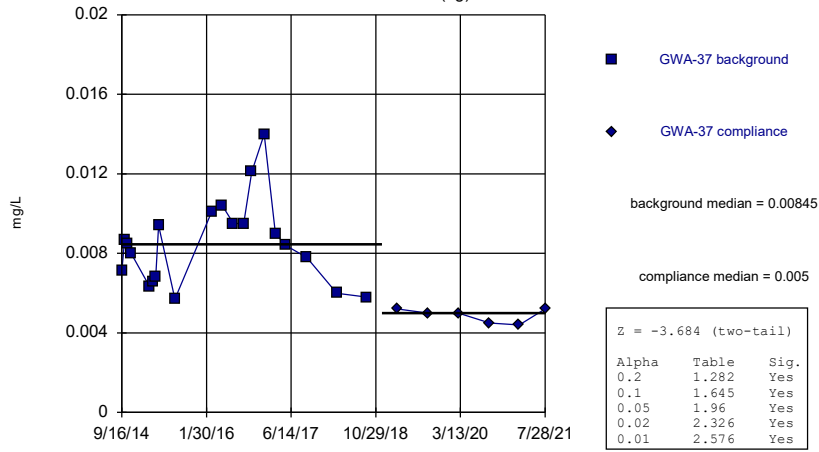


Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



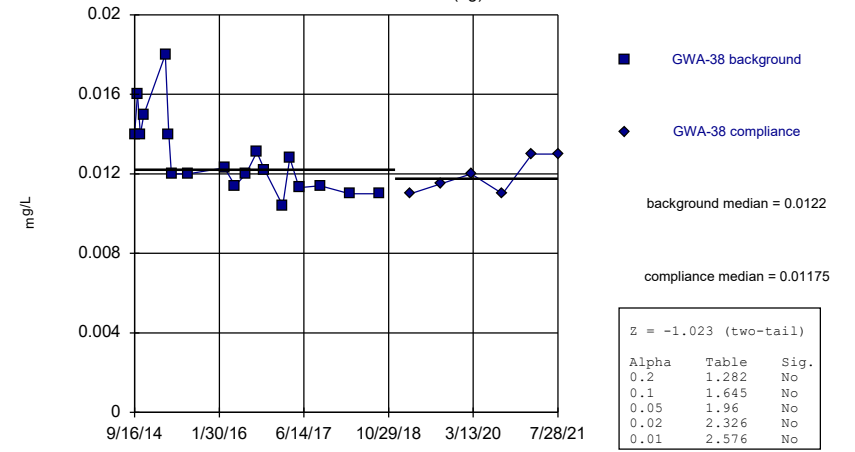
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-37 (bg)



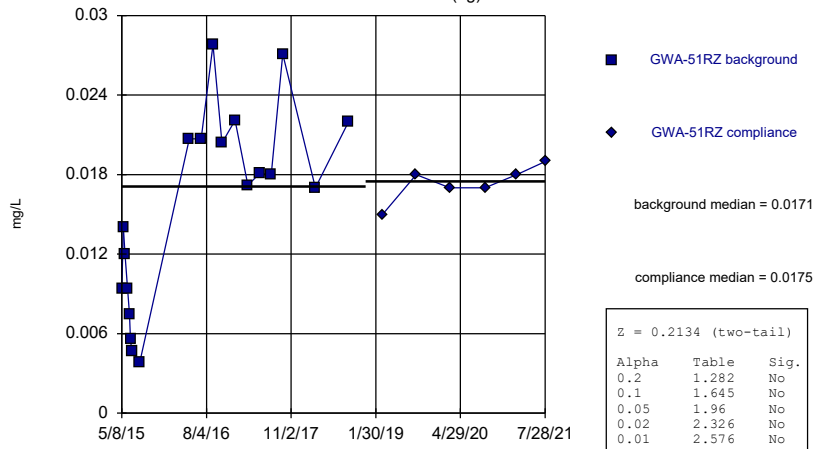
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-38 (bg)



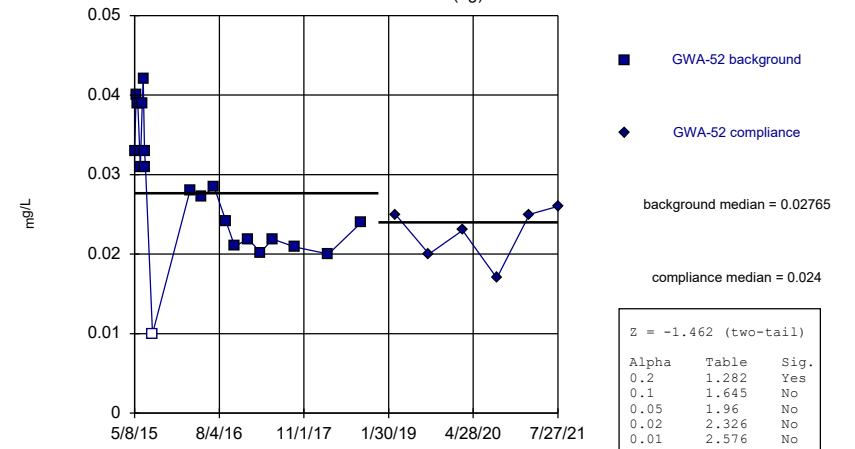
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-51RZ (bg)



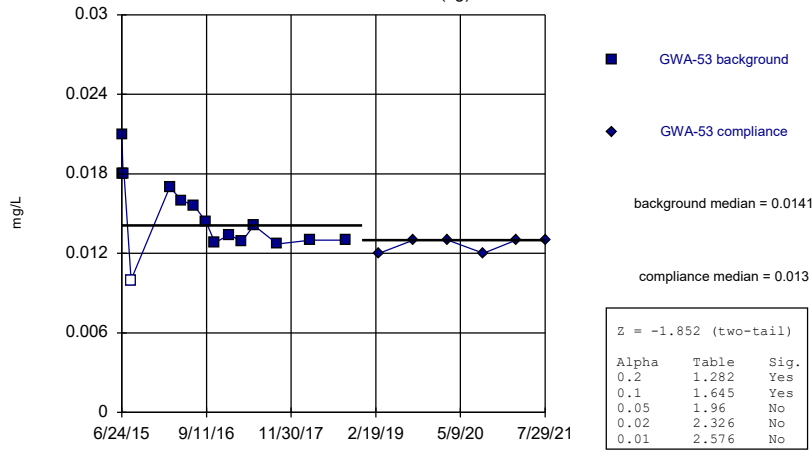
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-52 (bg)



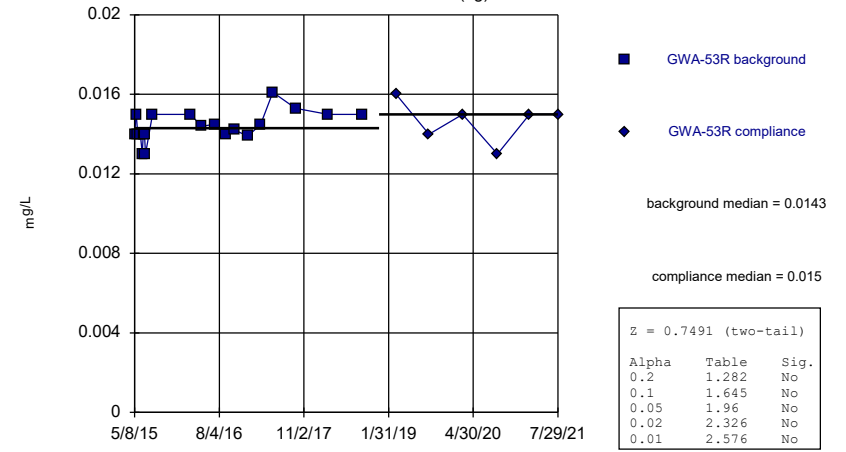
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53 (bg)



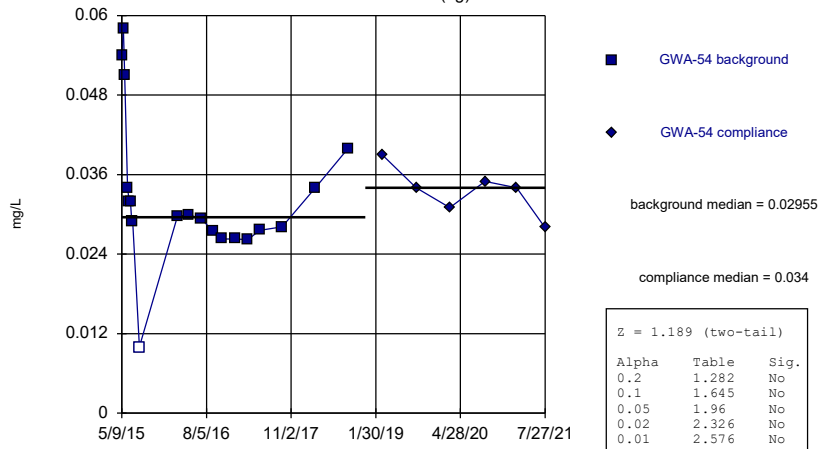
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53R (bg)



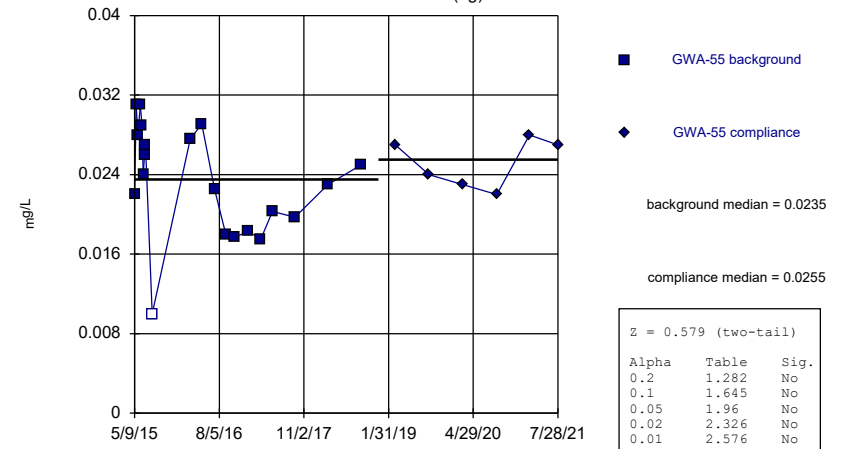
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-54 (bg)



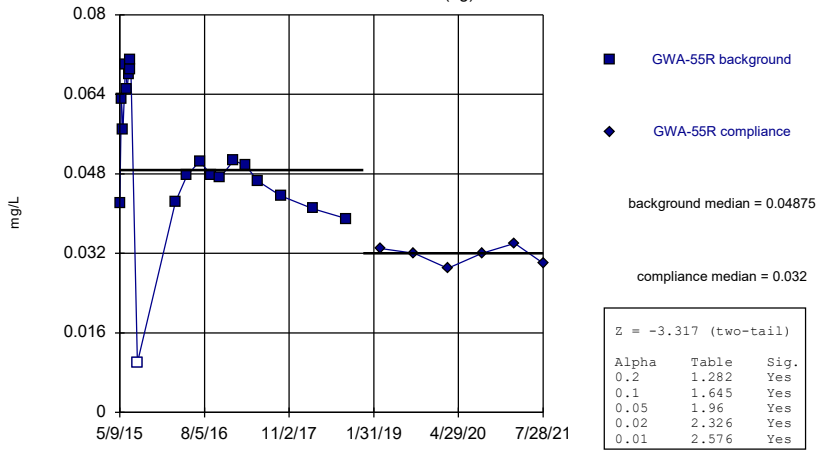
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55 (bg)



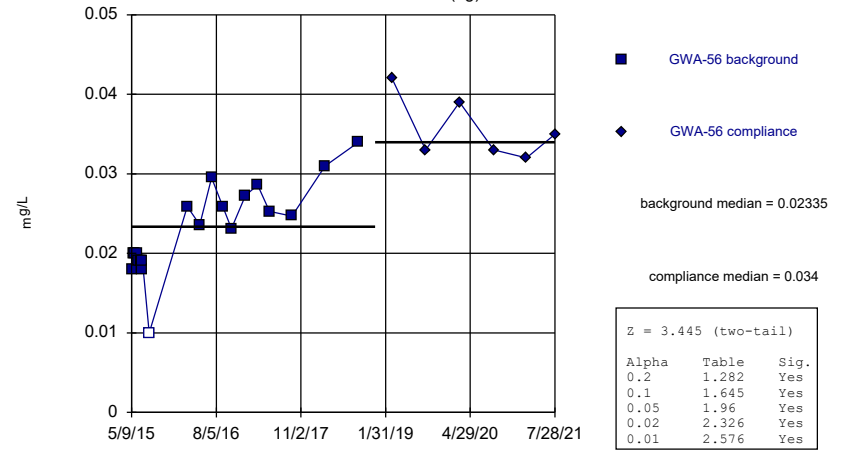
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55R (bg)



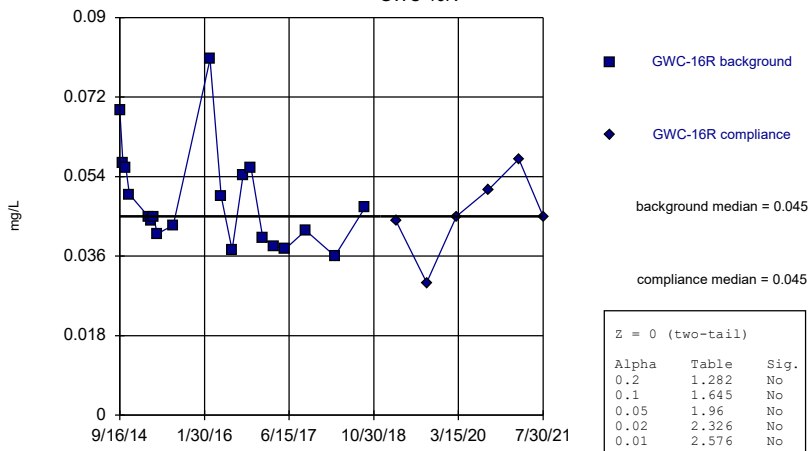
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-56 (bg)



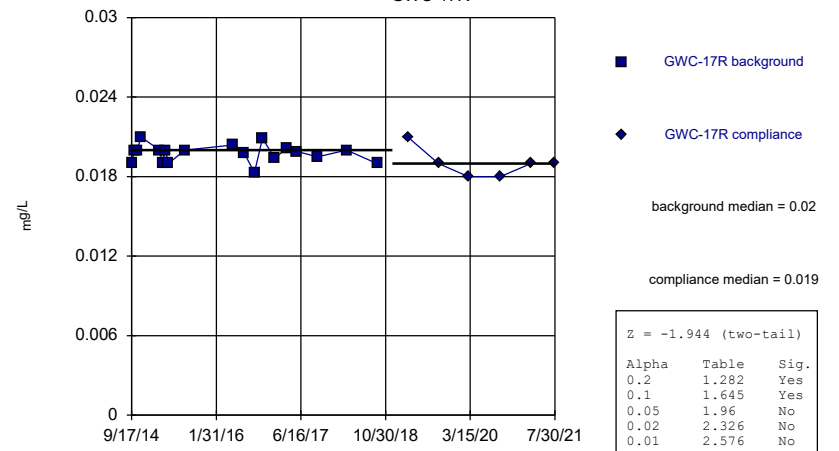
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-16R



Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

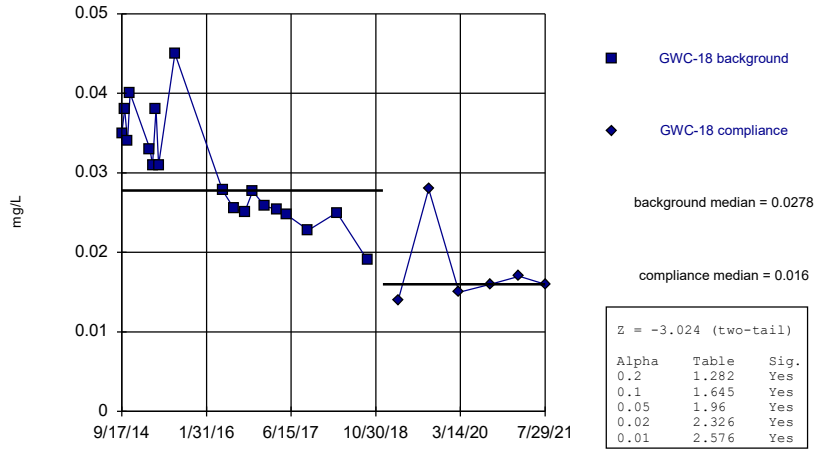
Mann-Whitney (Wilcoxon Rank Sum)
GWC-17R



Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18

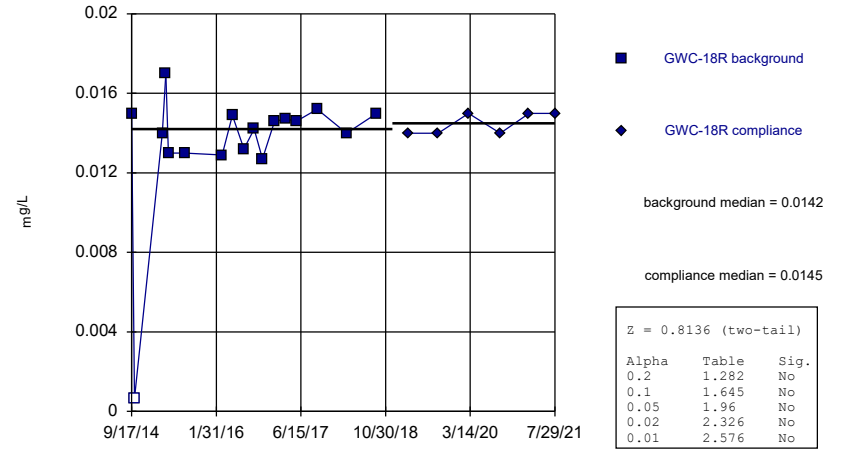


Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

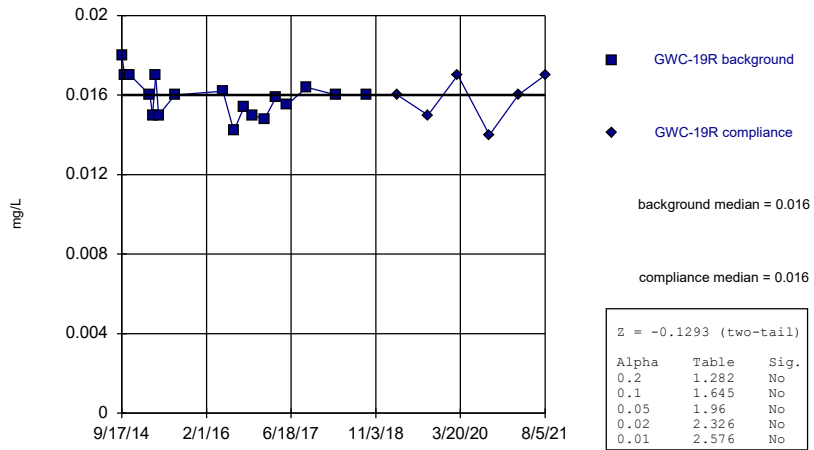
GWC-18R



Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

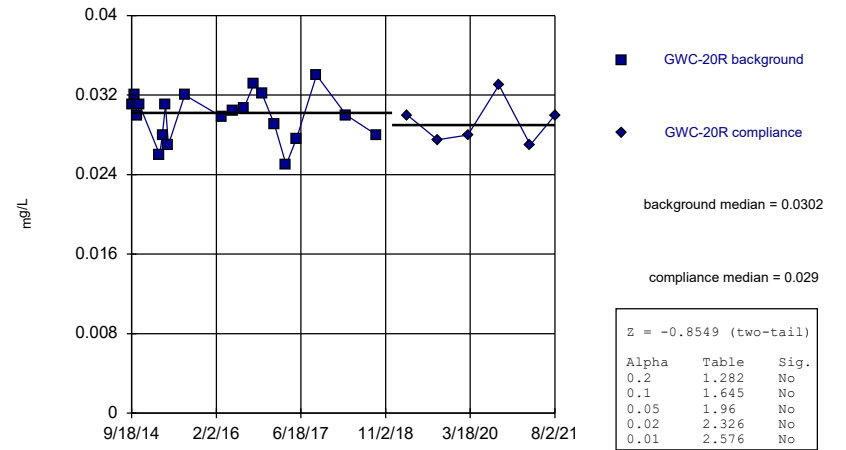
GWC-19R



Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

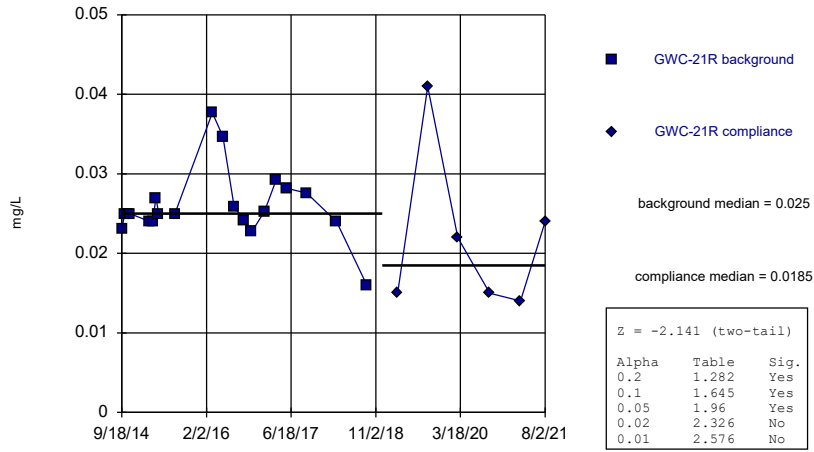
GWC-20R



Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21R

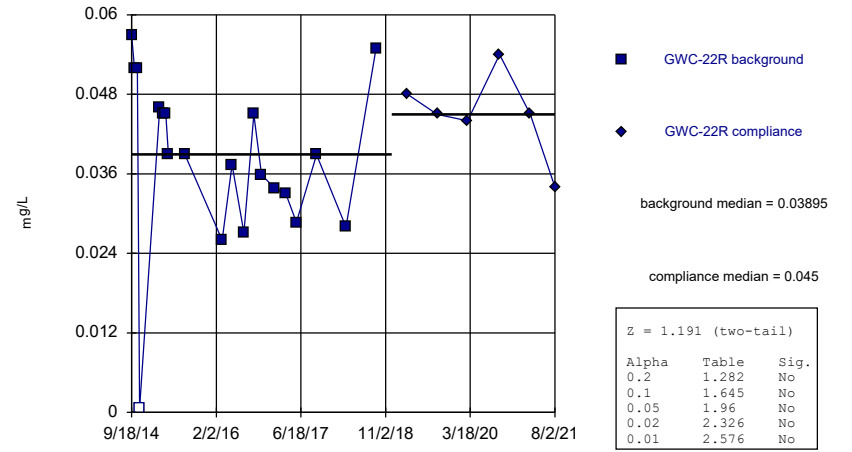


Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

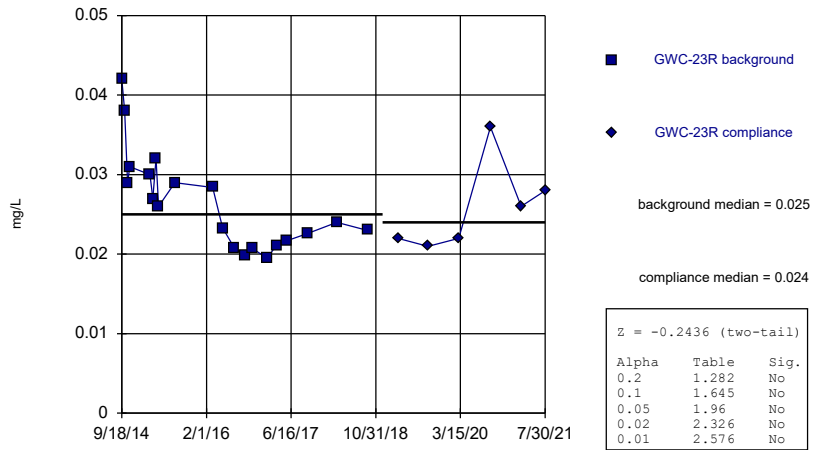
GWC-22R



Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

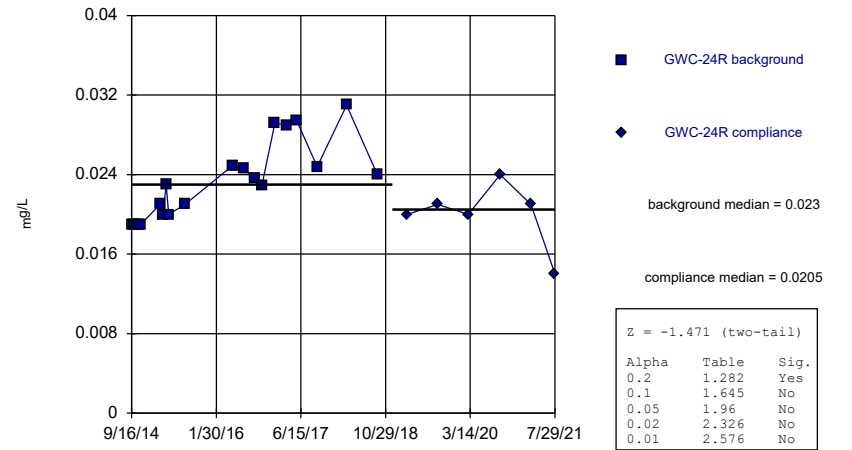
GWC-23R



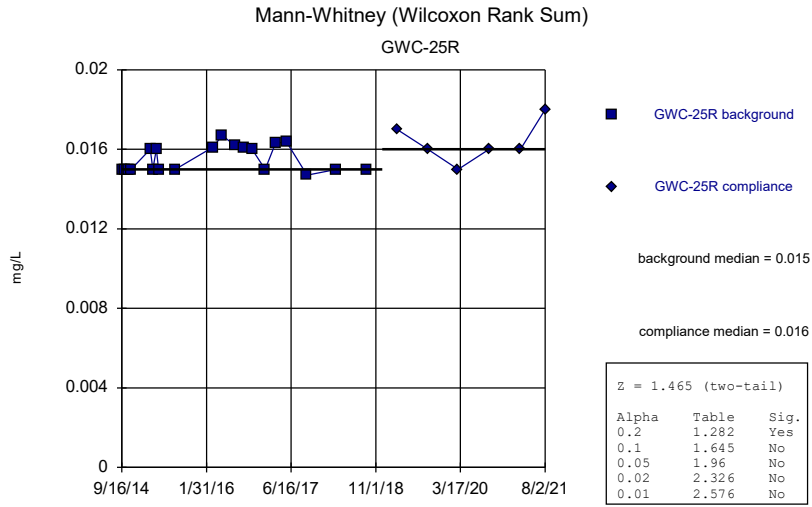
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

GWC-24R

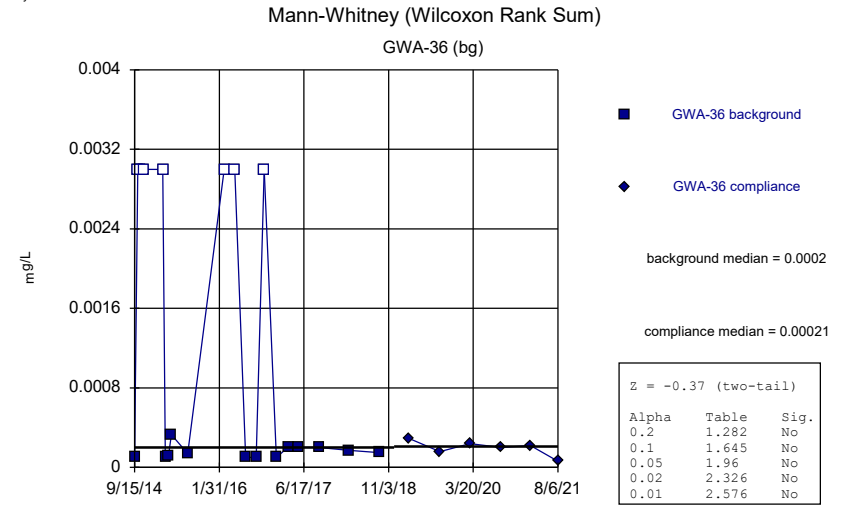


Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



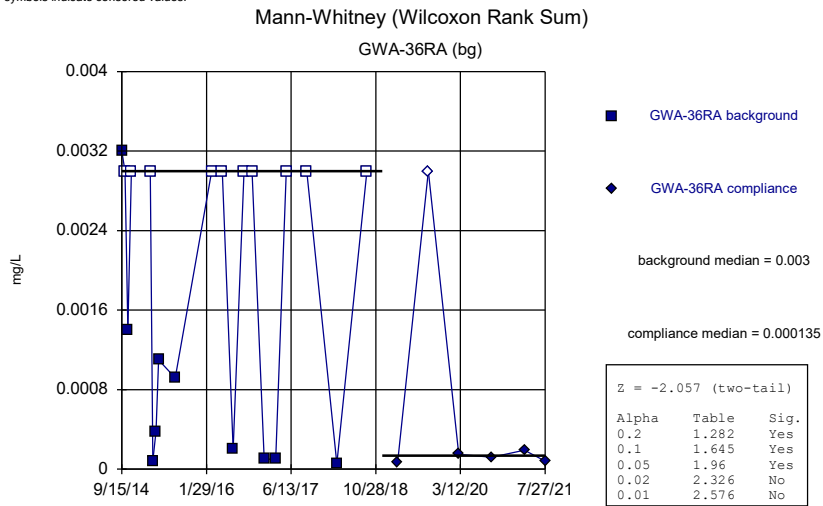
Constituent: Barium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Hollow symbols indicate censored values.



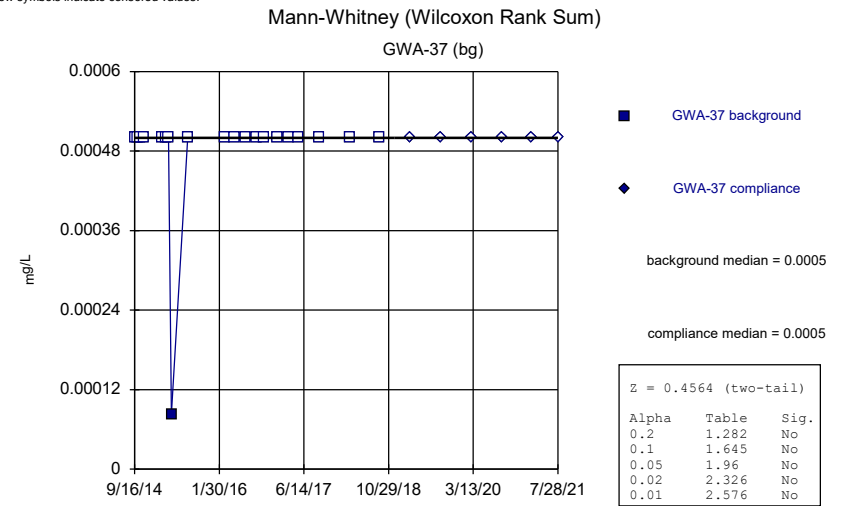
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Hollow symbols indicate censored values.



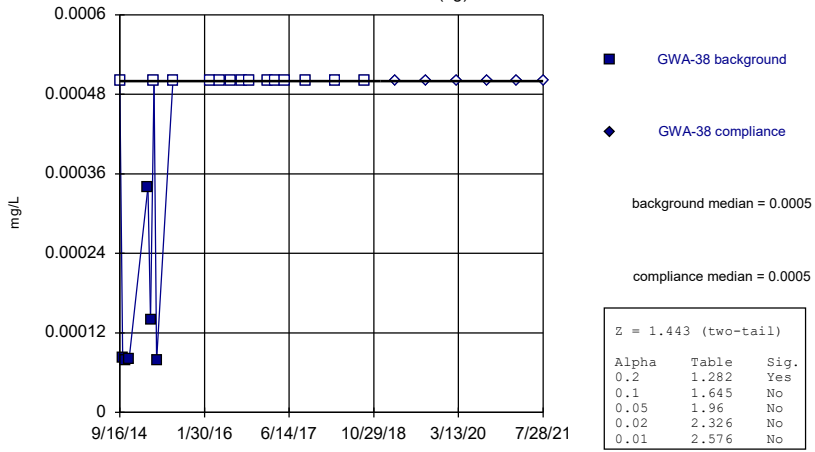
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Hollow symbols indicate censored values.



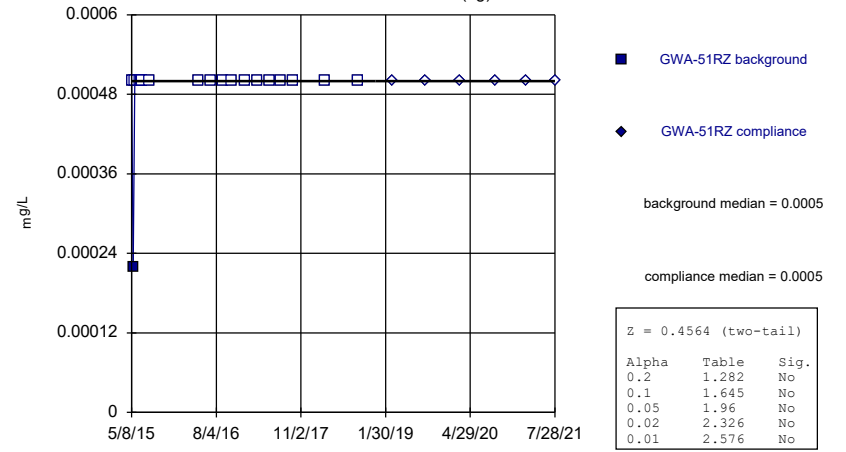
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-38 (bg)



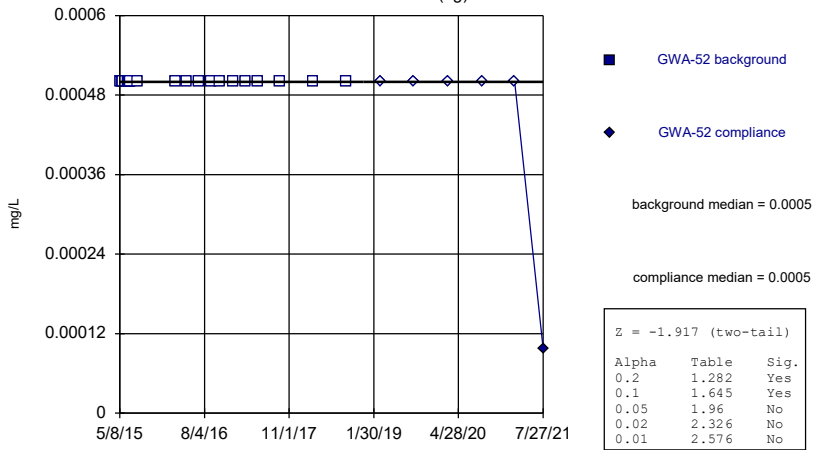
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-51RZ (bg)



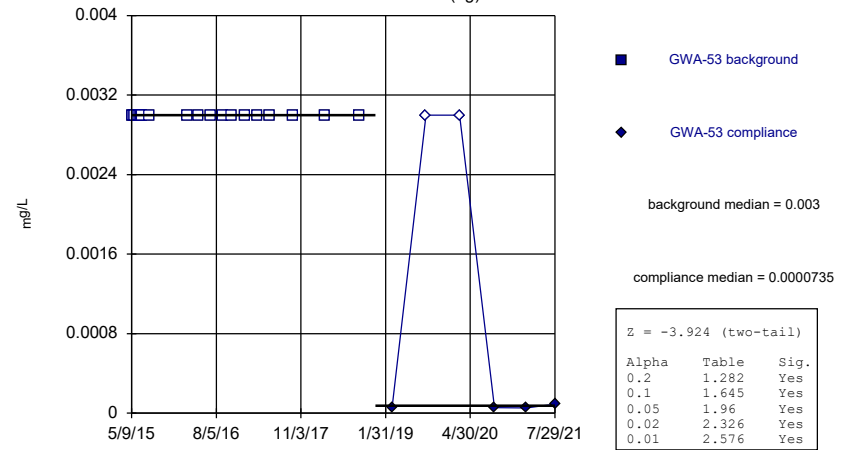
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-52 (bg)



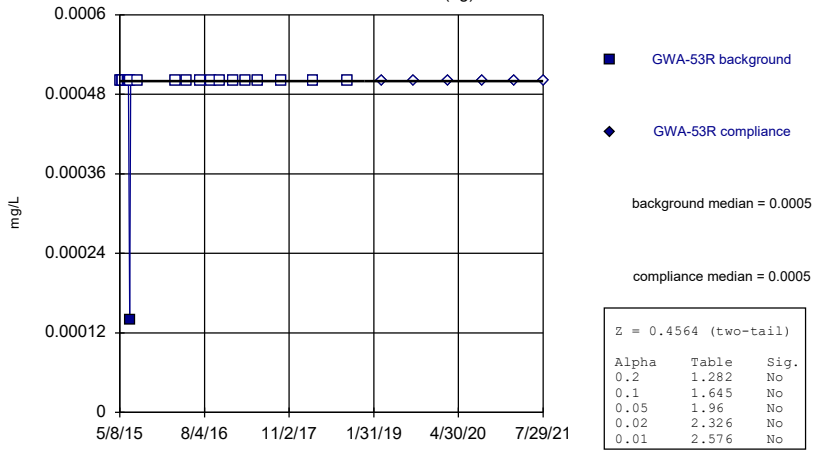
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53 (bg)



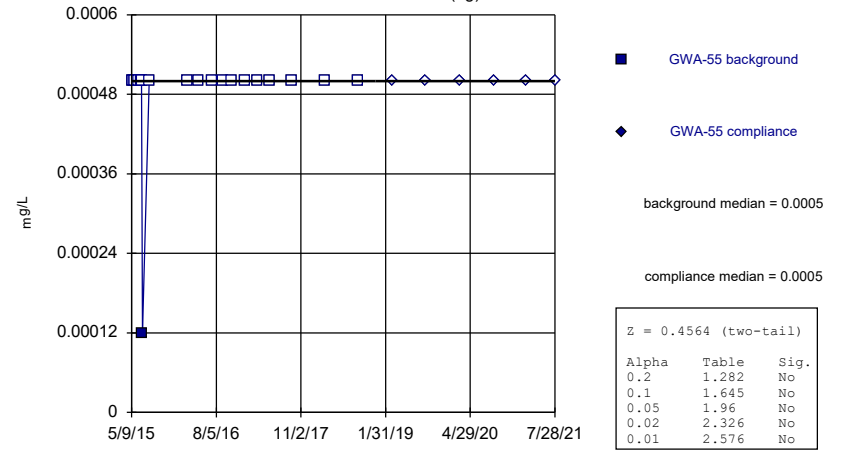
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53R (bg)



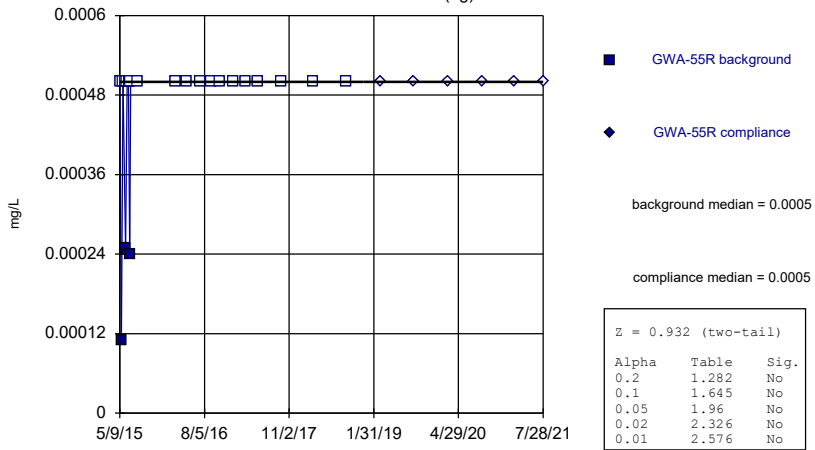
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55 (bg)



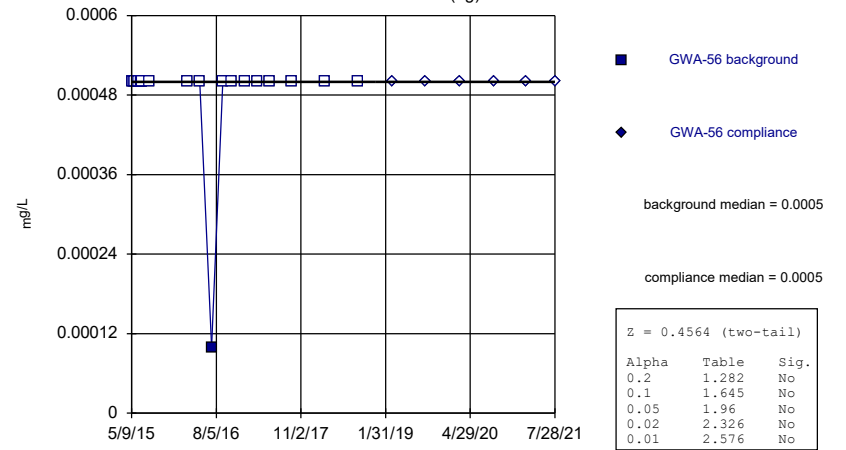
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55R (bg)



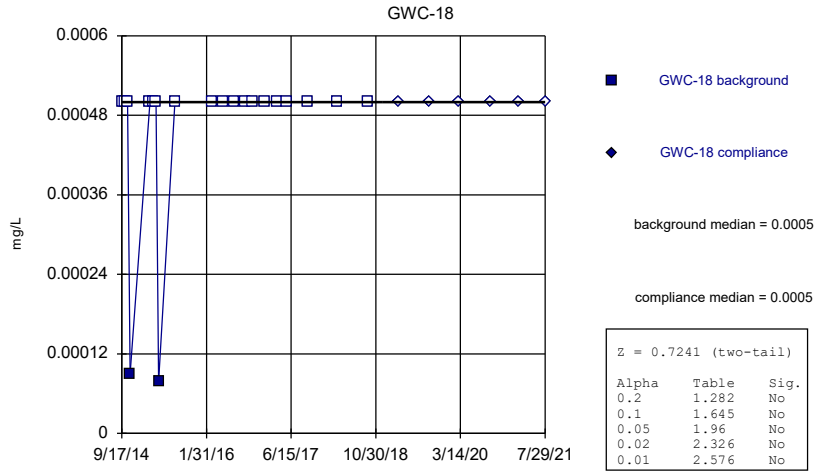
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-56 (bg)



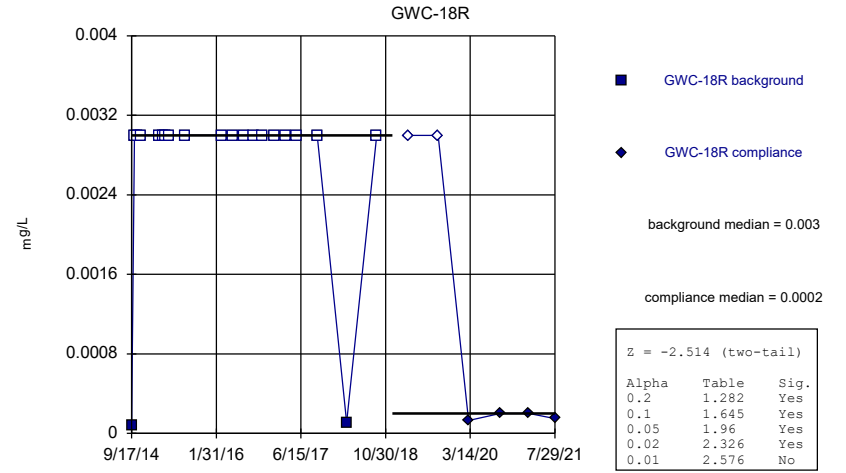
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



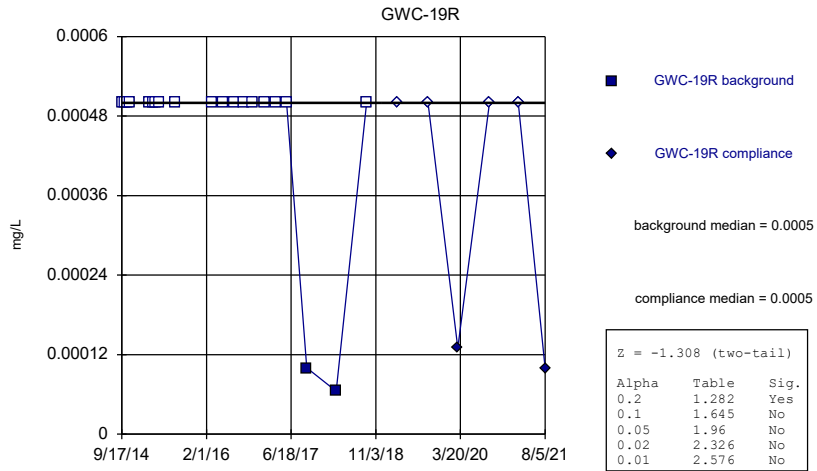
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



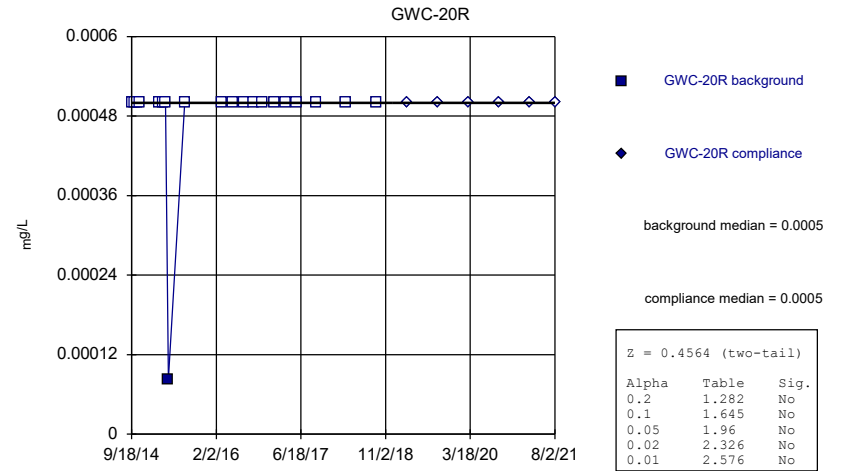
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

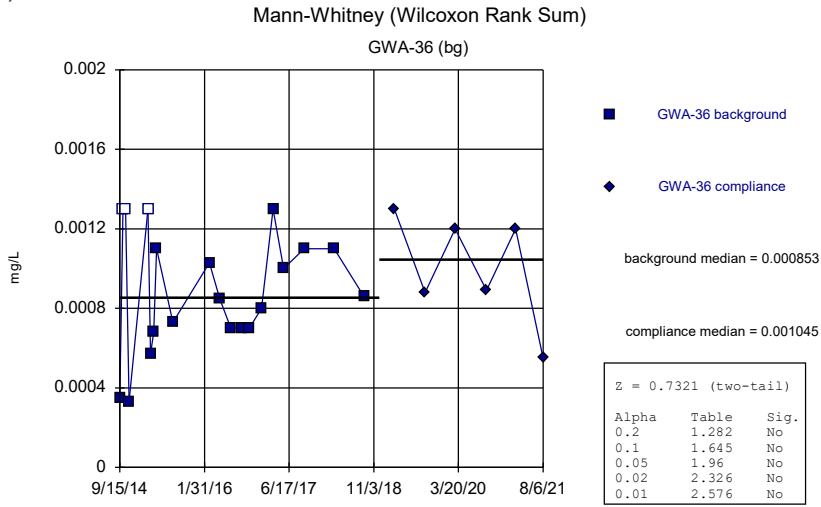


Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

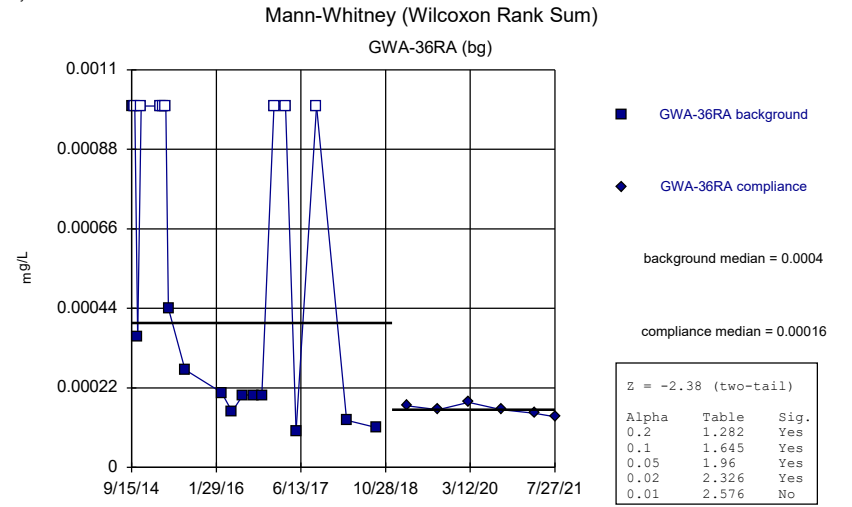
Mann-Whitney (Wilcoxon Rank Sum)



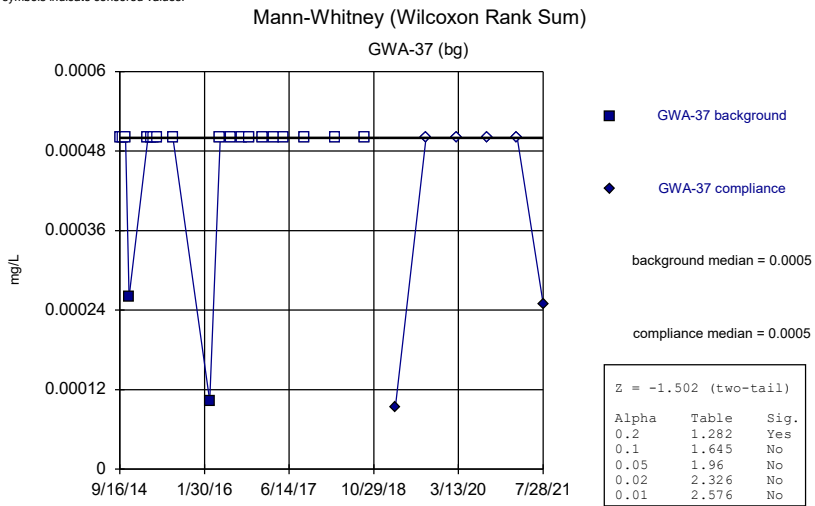
Constituent: Beryllium Analysis Run 3/29/2022 10:30 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



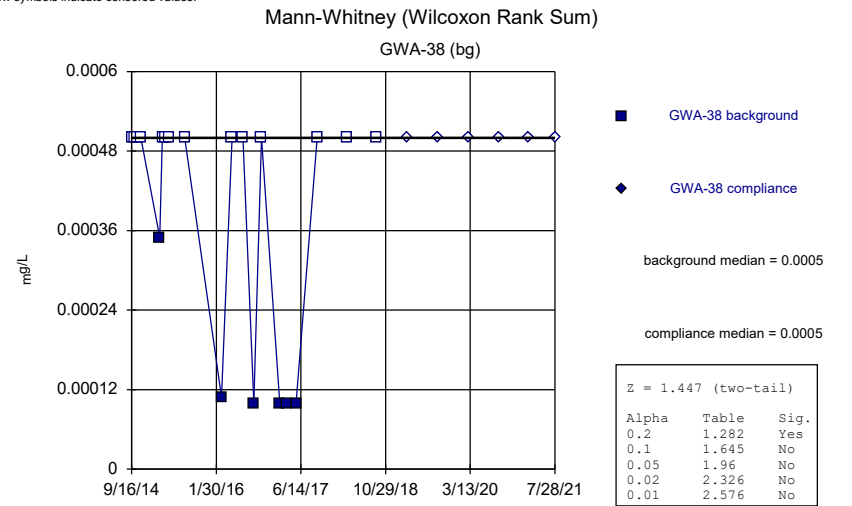
Constituent: Cadmium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Cadmium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



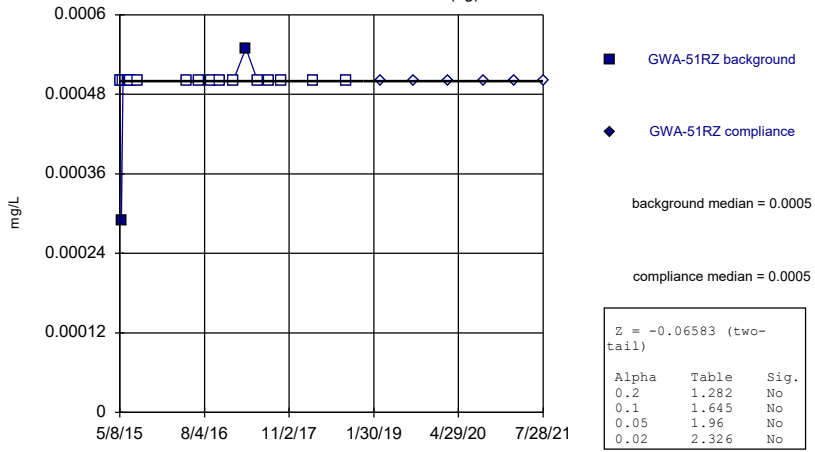
Constituent: Cadmium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Cadmium Analysis Run 3/29/2022 10:30 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

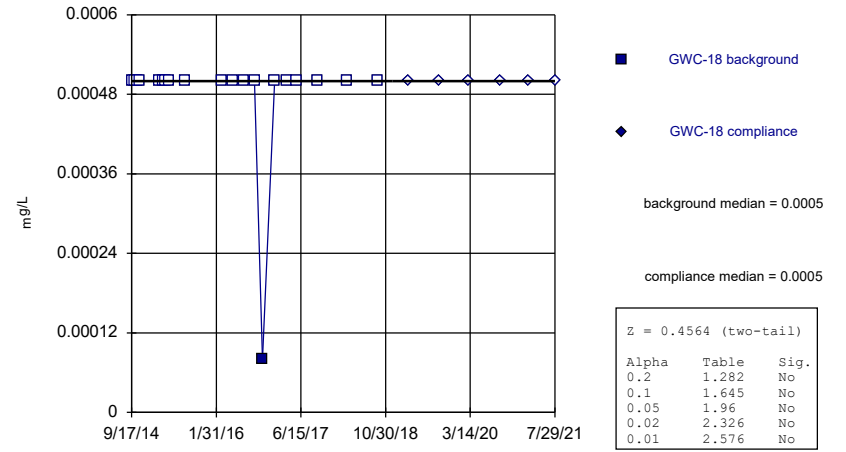
GWA-51RZ (bg)



Constituent: Cadmium Analysis Run 3/29/2022 10:30 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

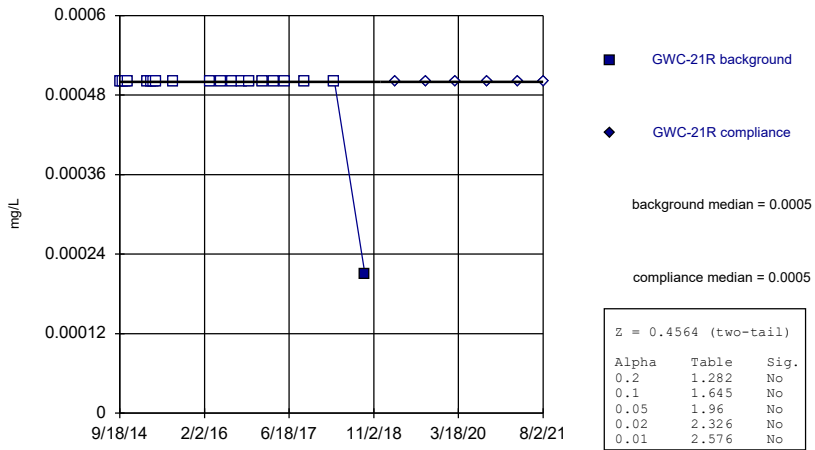
GWC-18



Constituent: Cadmium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

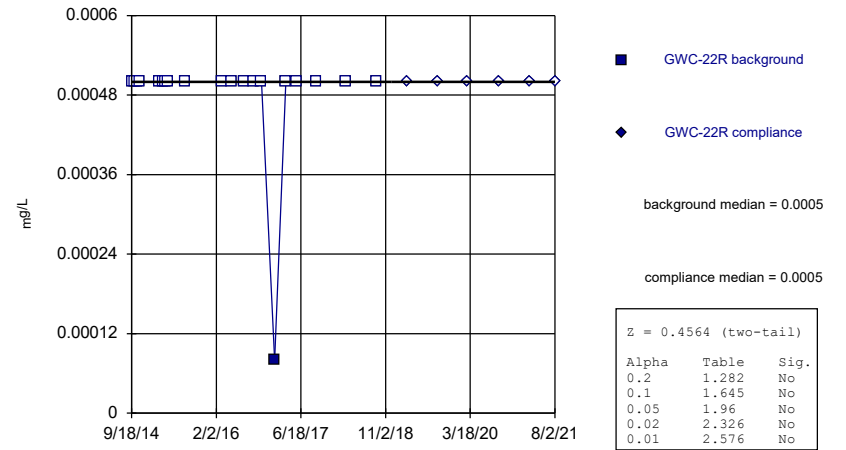
GWC-21R



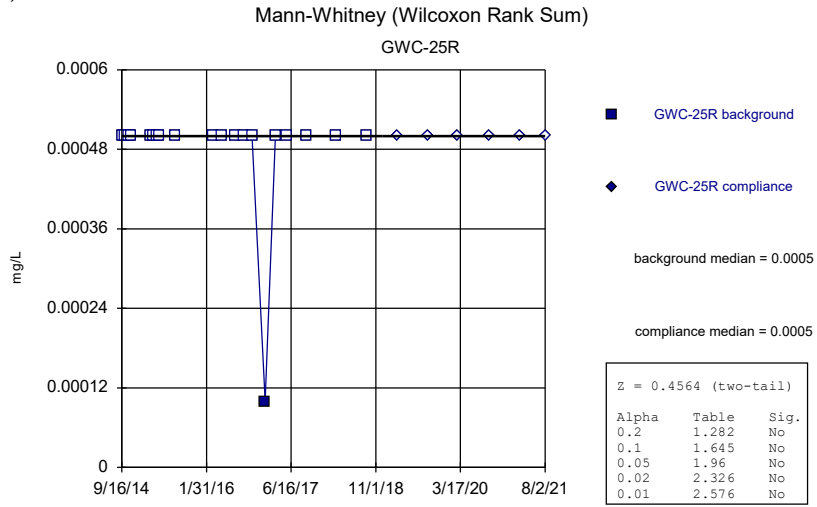
Constituent: Cadmium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

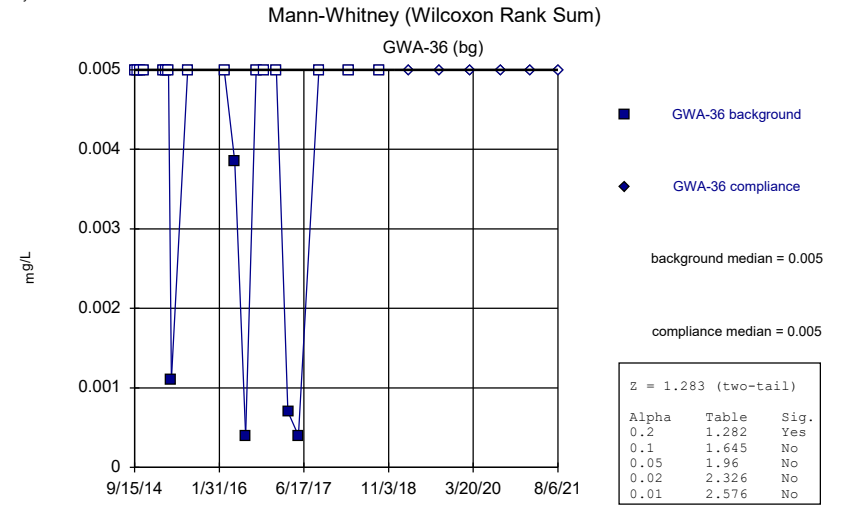
GWC-22R



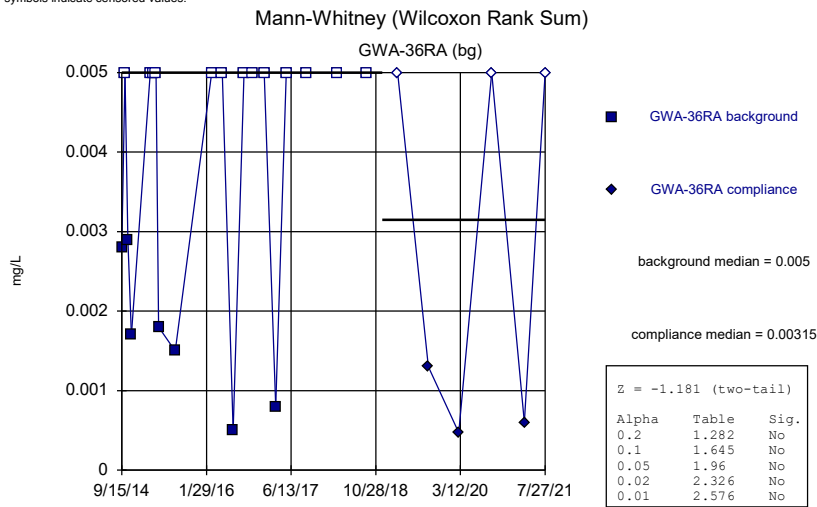
Constituent: Cadmium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



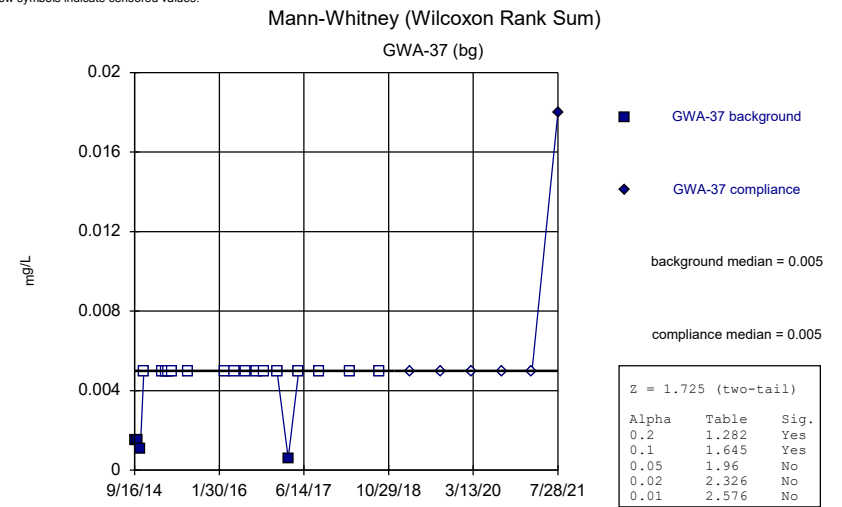
Constituent: Cadmium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



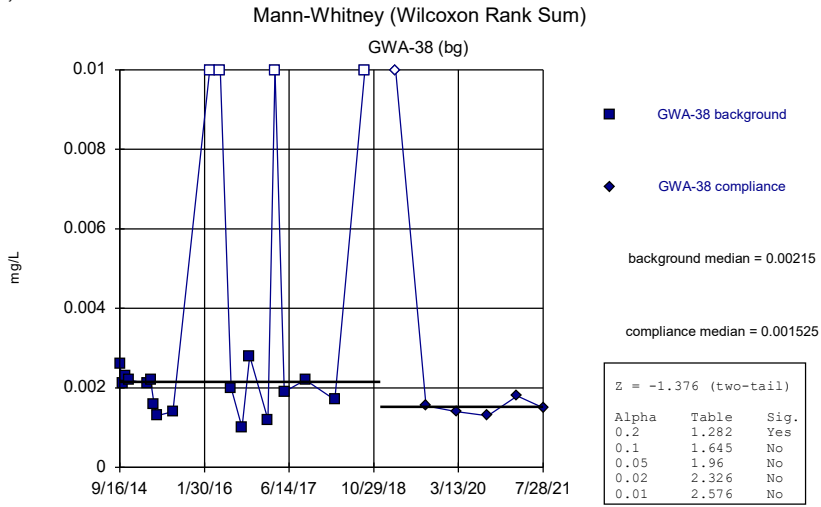
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



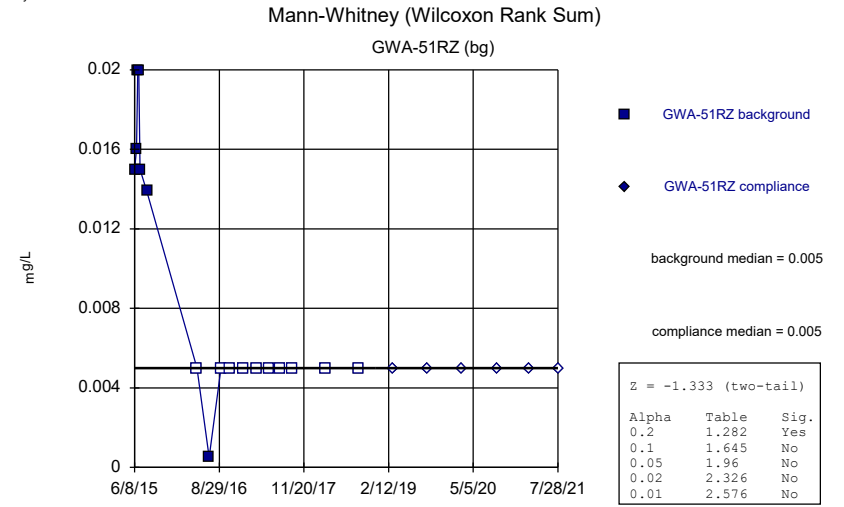
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



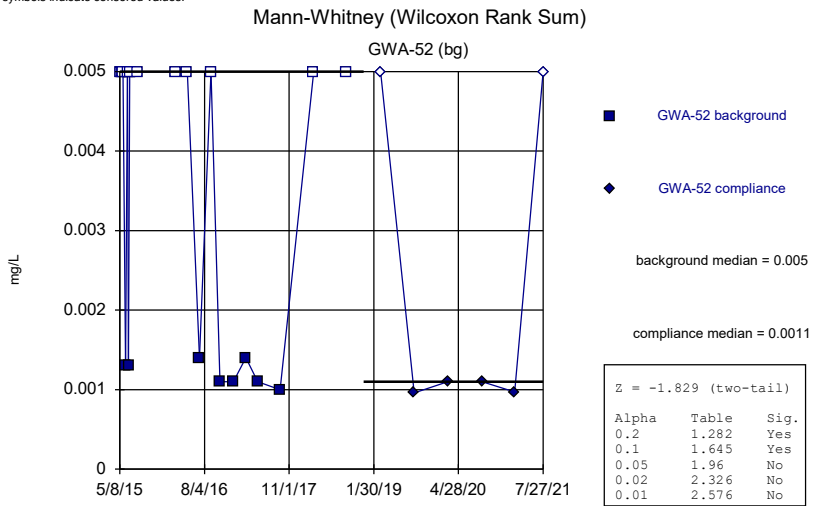
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



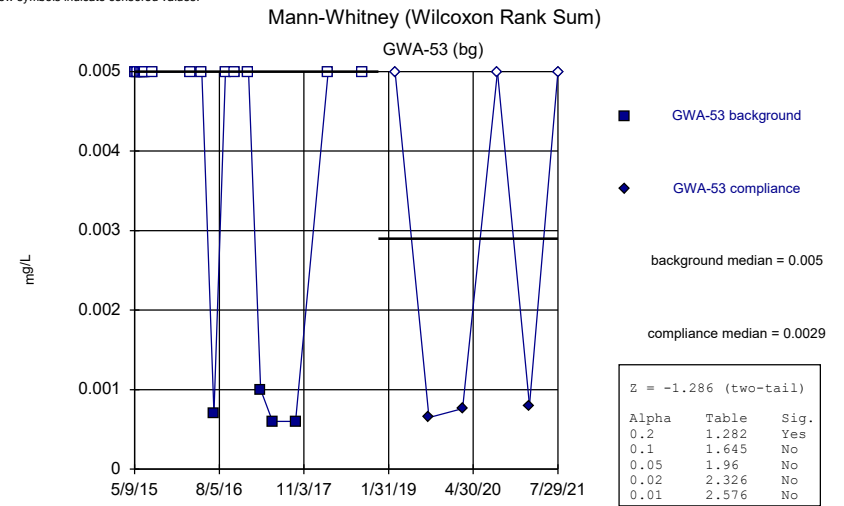
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



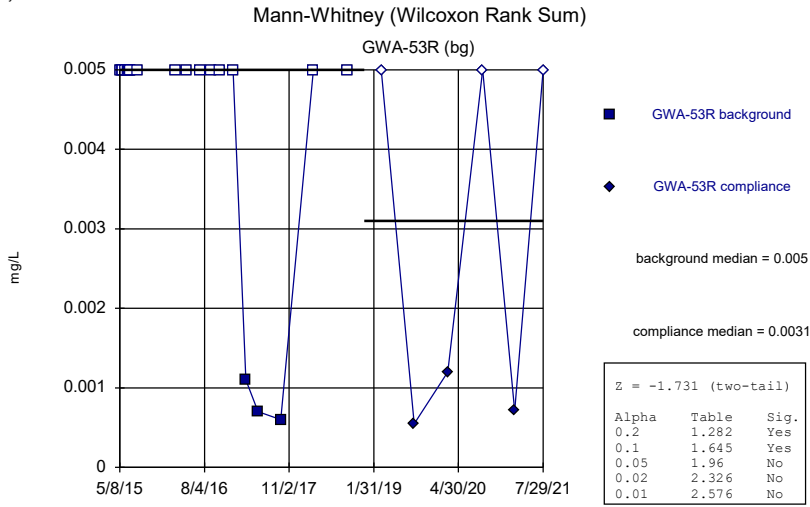
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



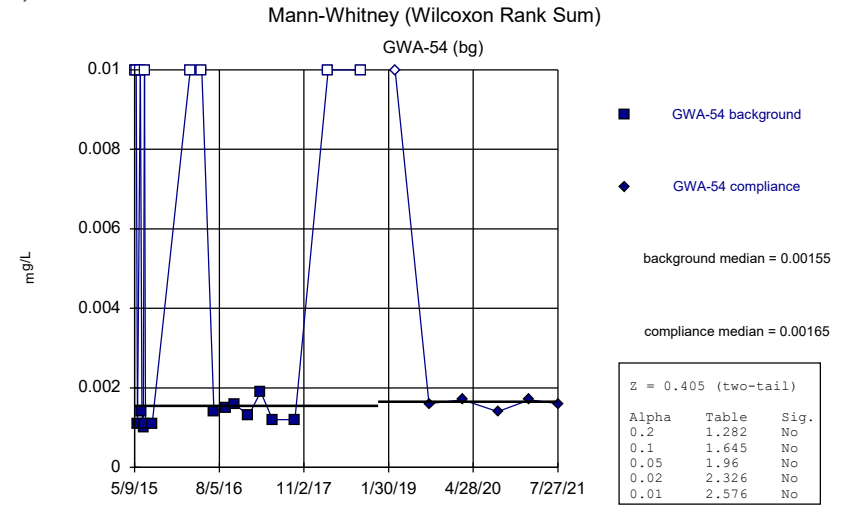
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



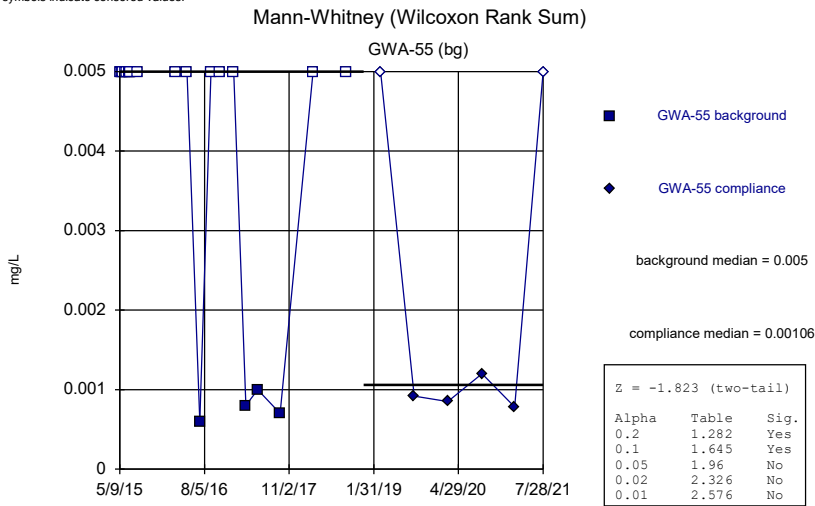
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



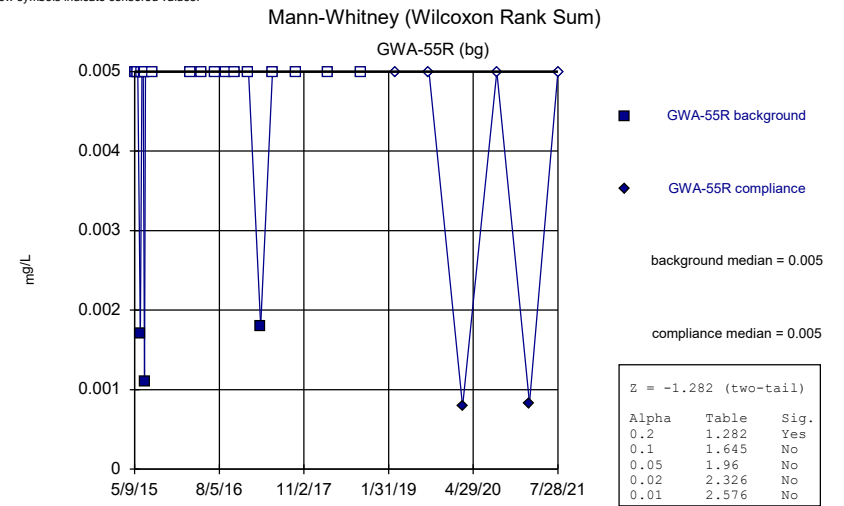
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



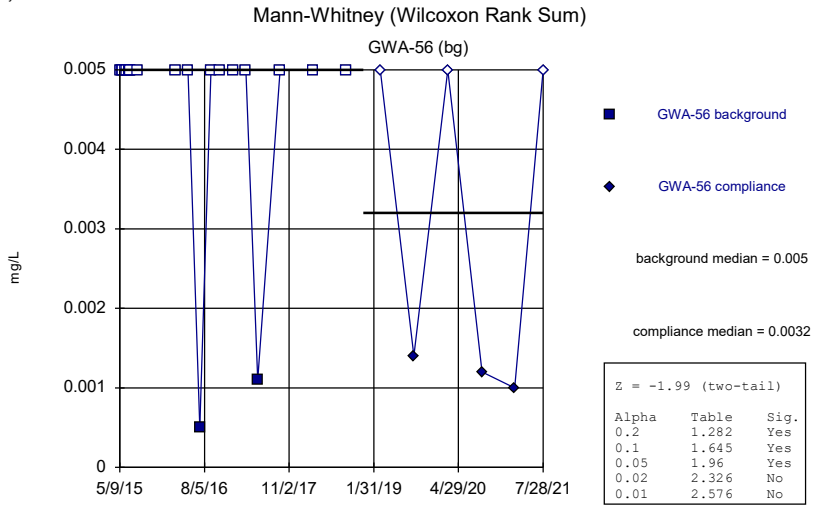
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



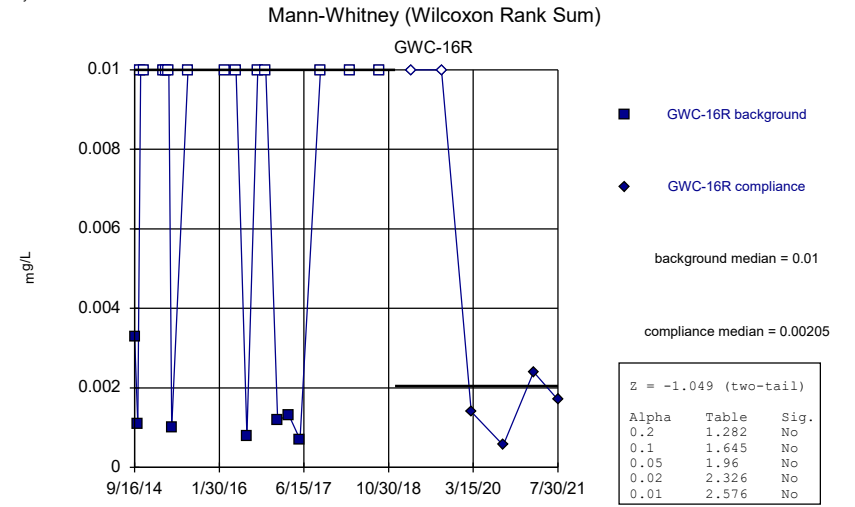
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



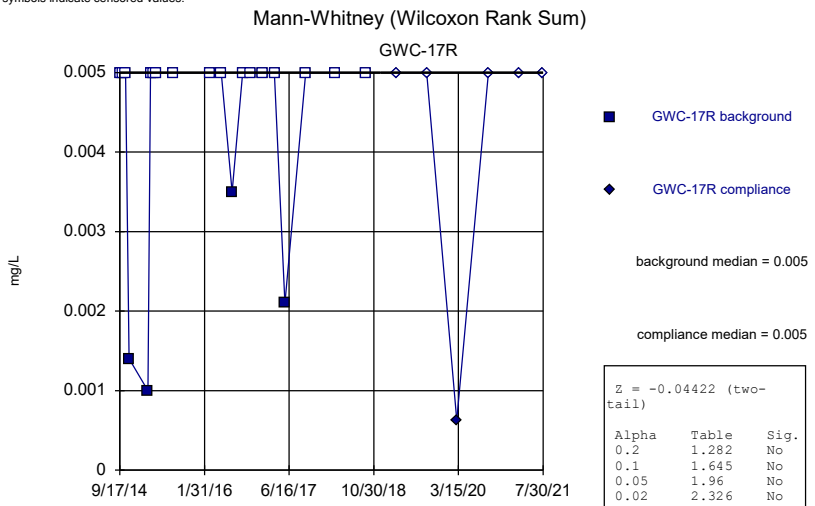
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



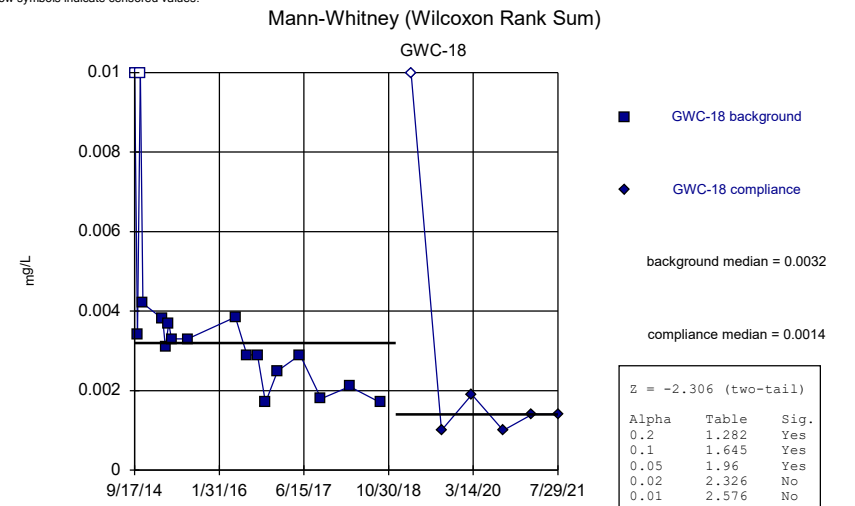
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



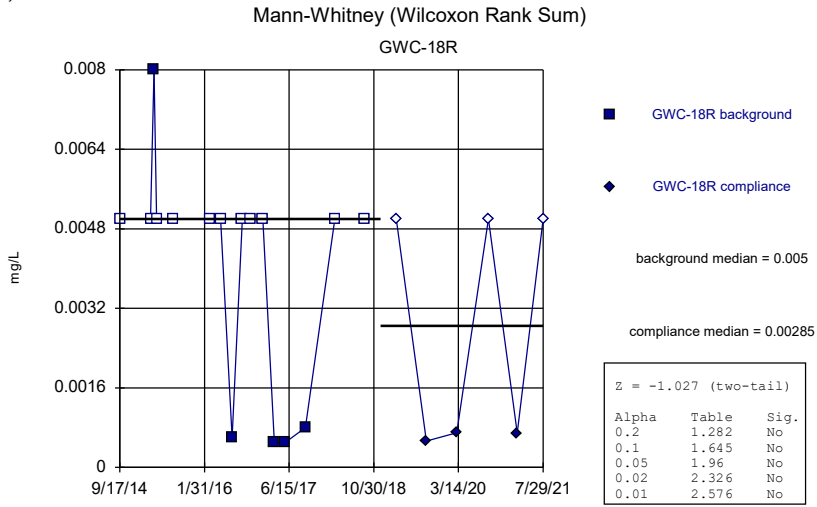
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



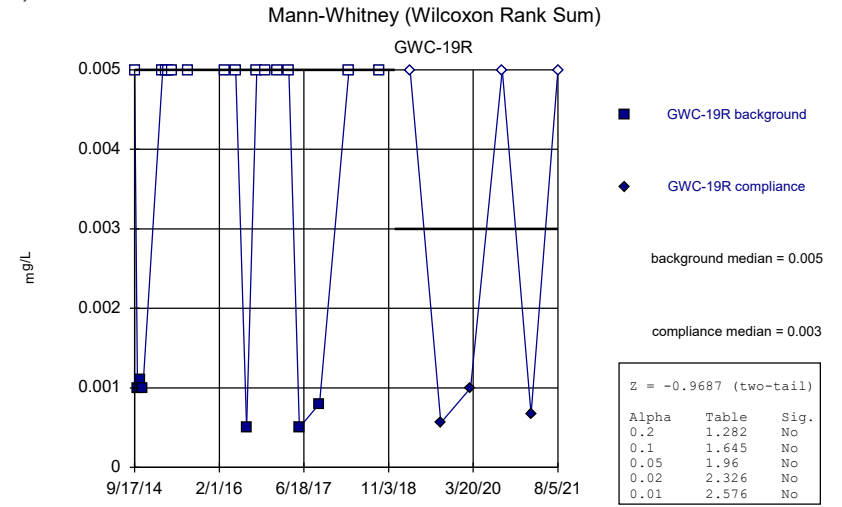
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



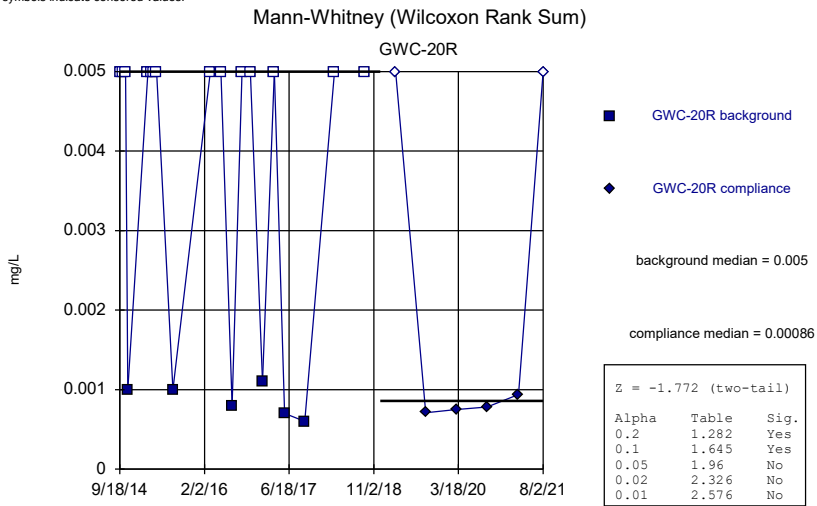
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



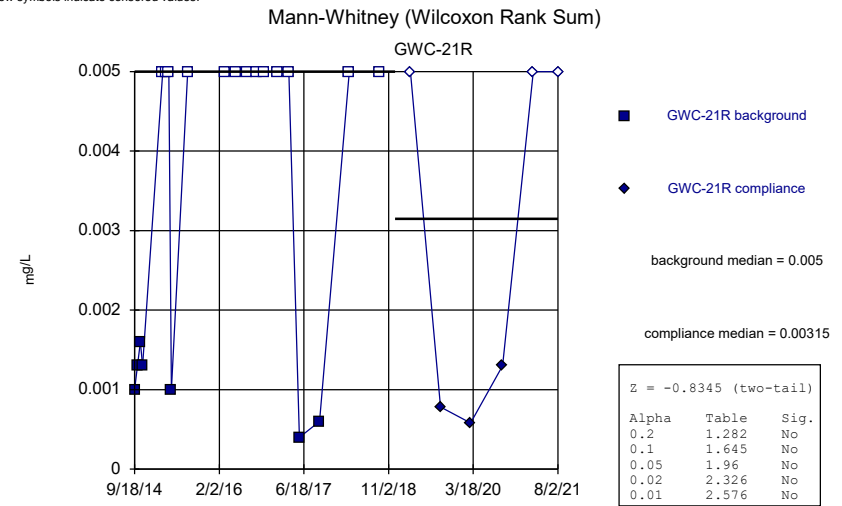
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



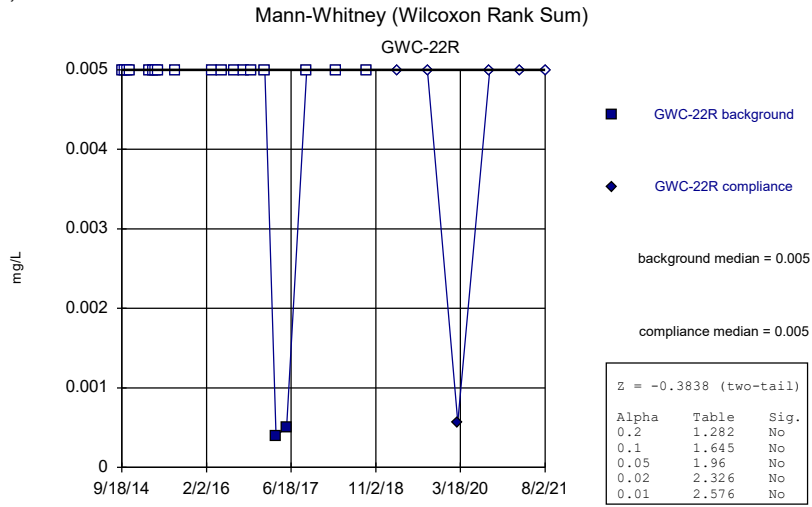
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



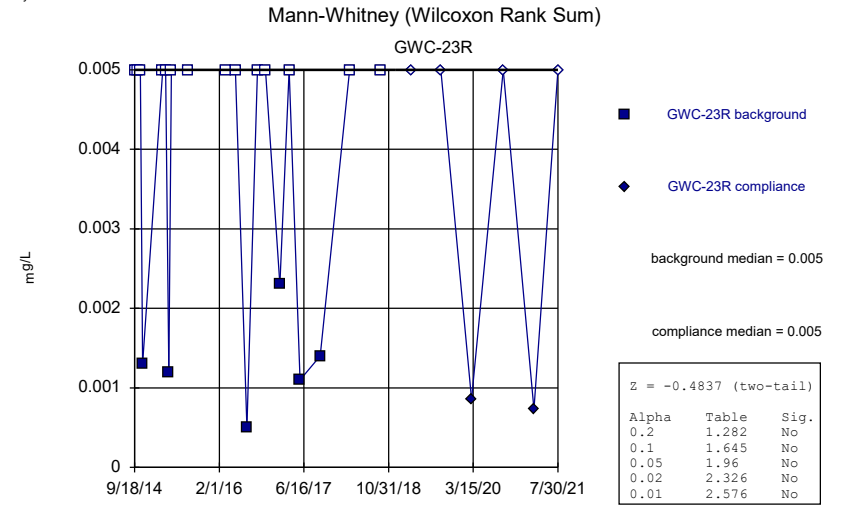
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



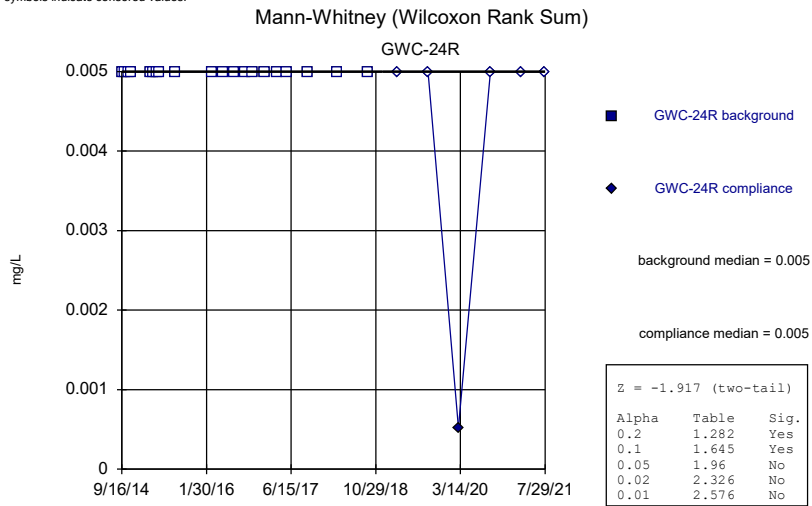
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



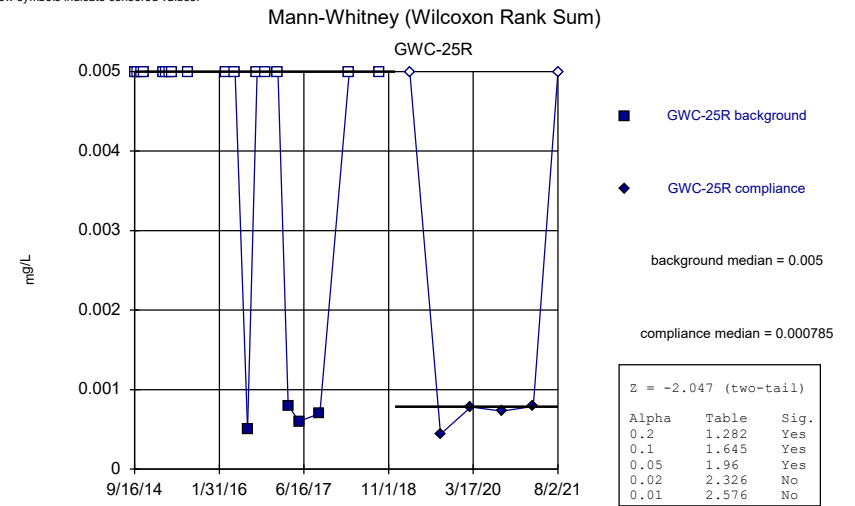
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



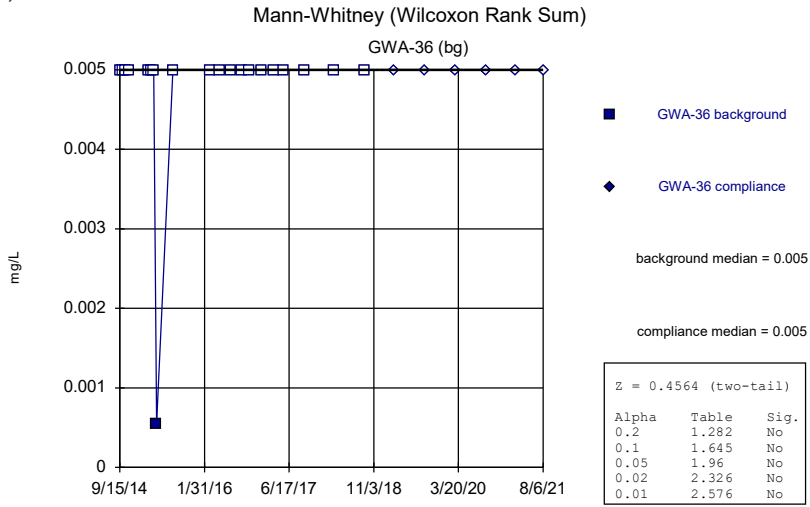
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



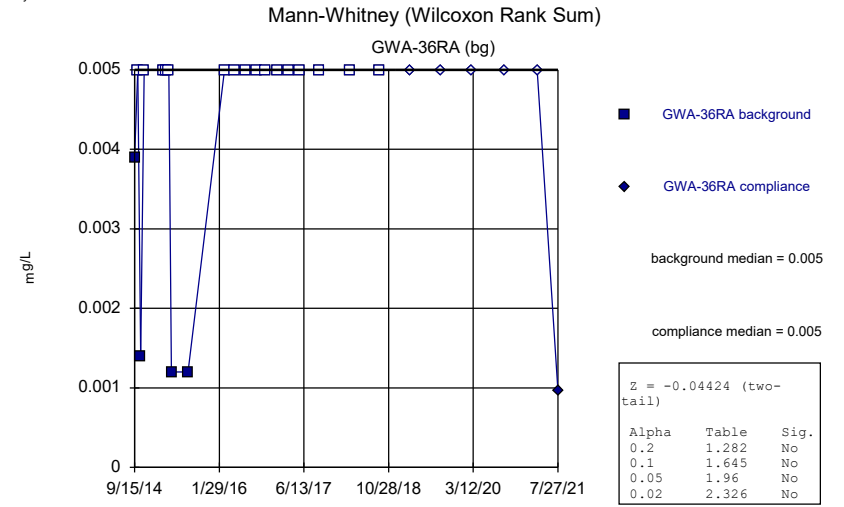
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



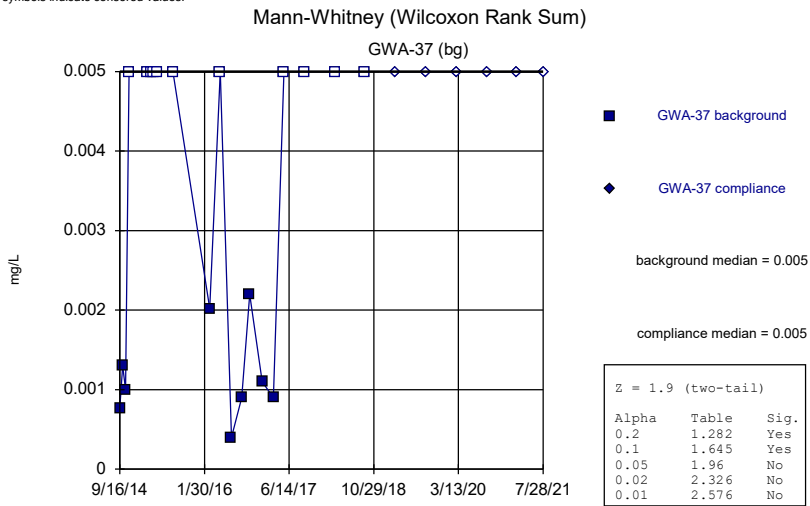
Constituent: Chromium Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



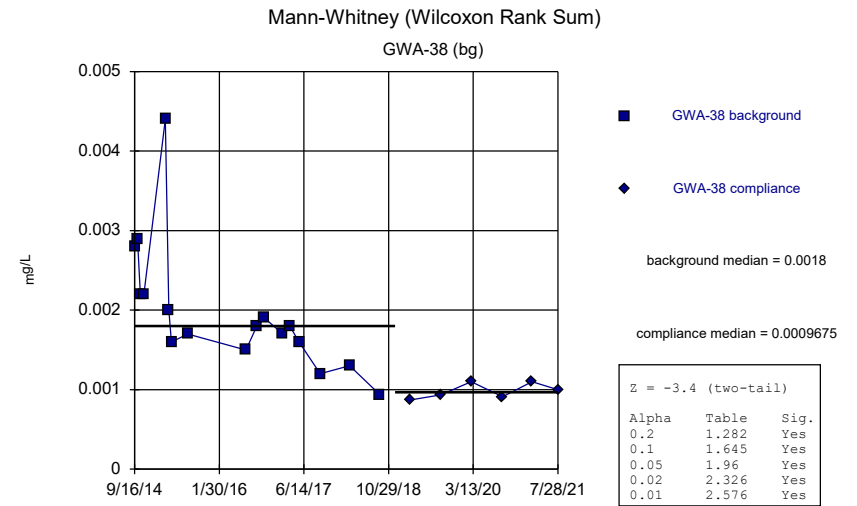
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



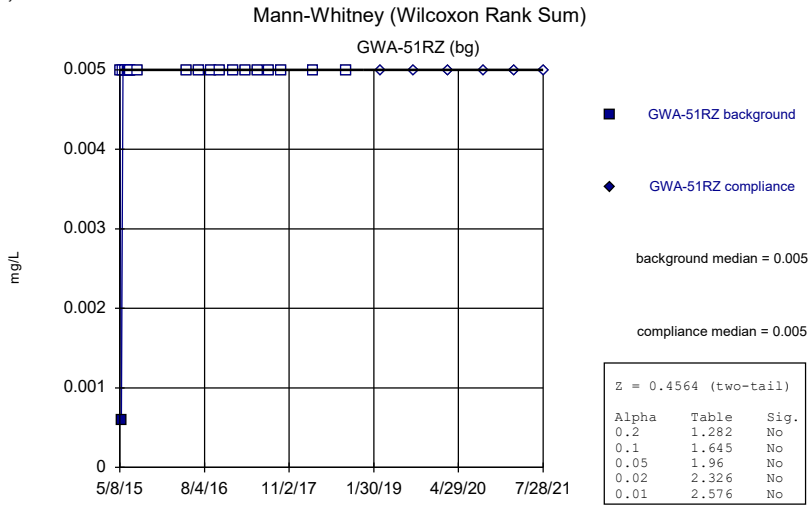
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



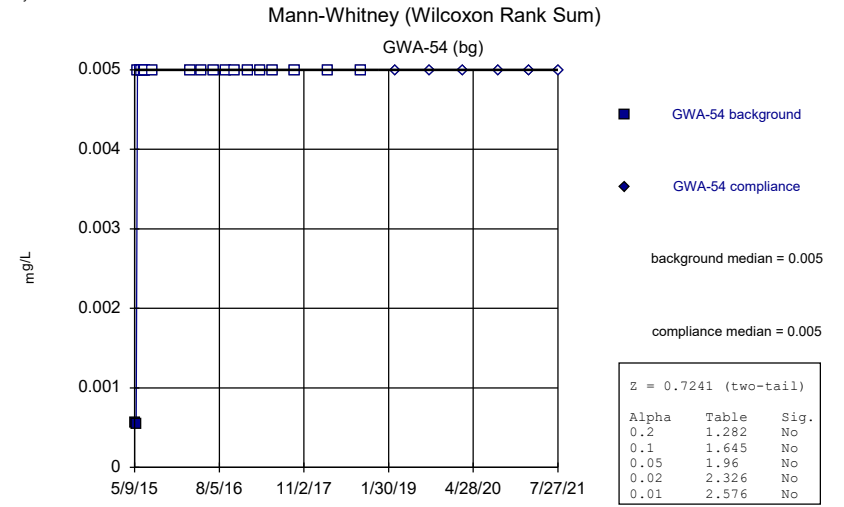
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



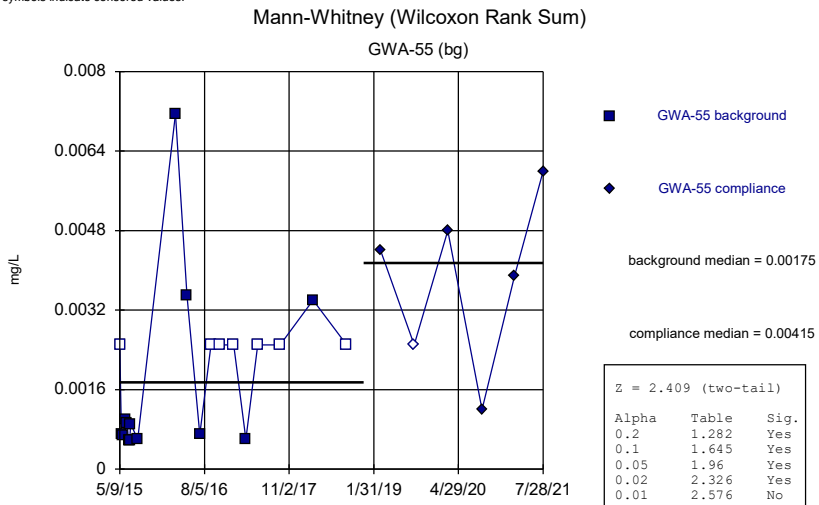
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



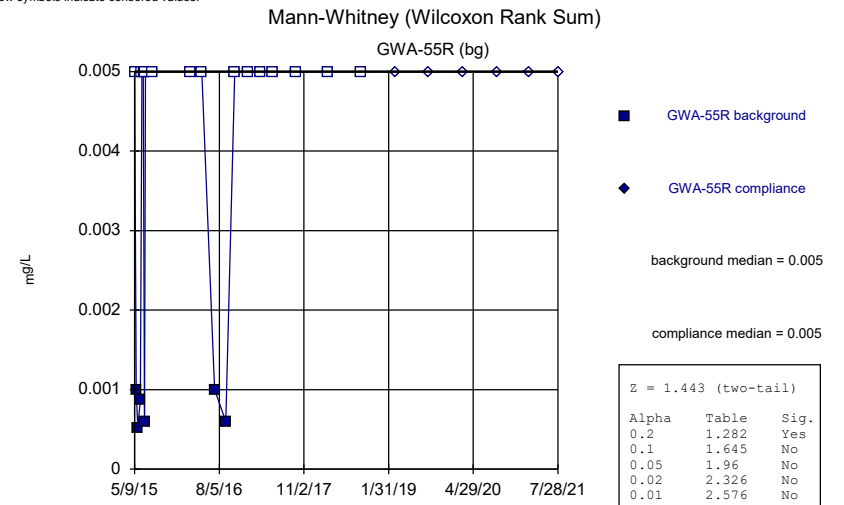
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



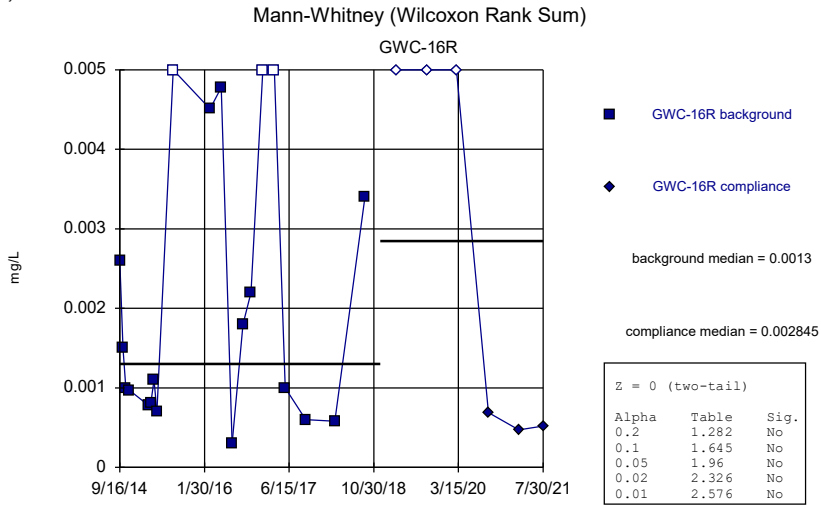
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



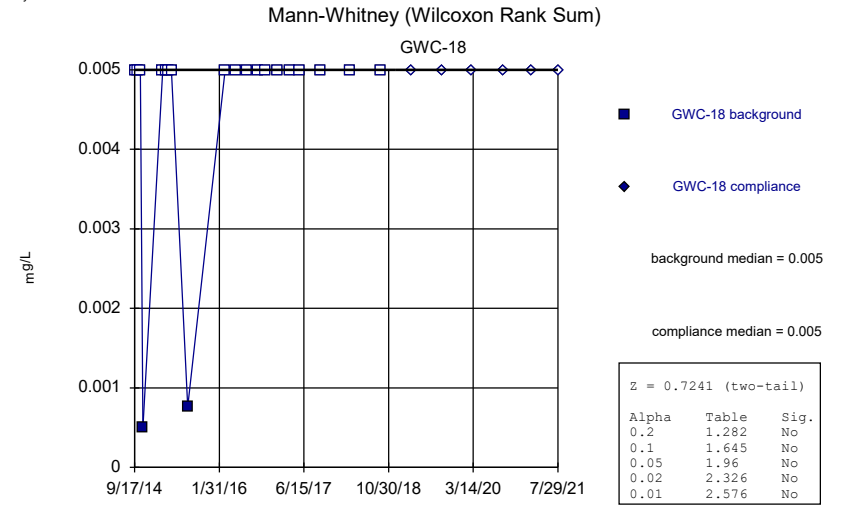
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



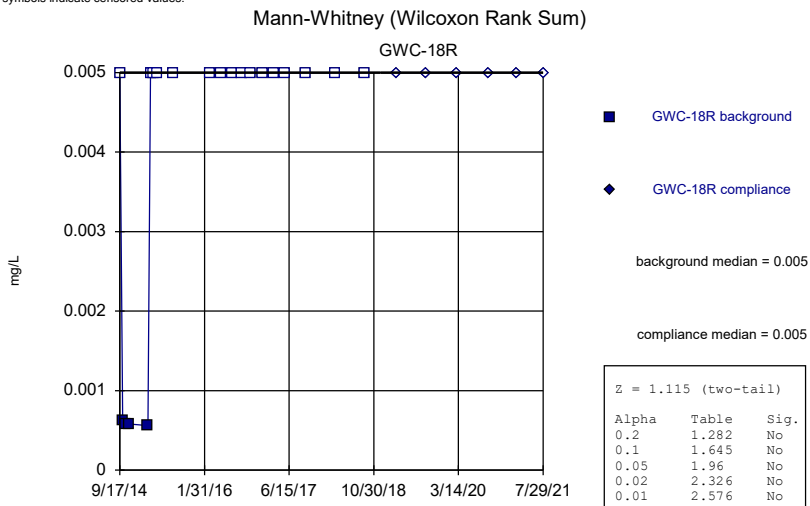
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



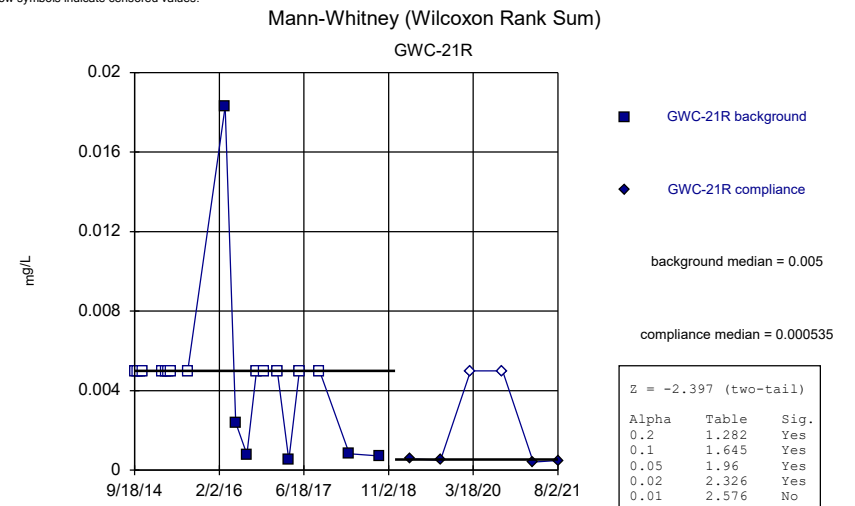
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

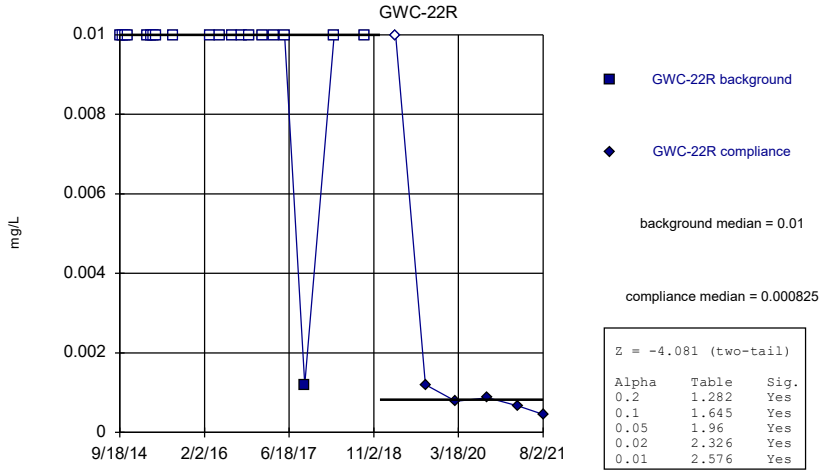


Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



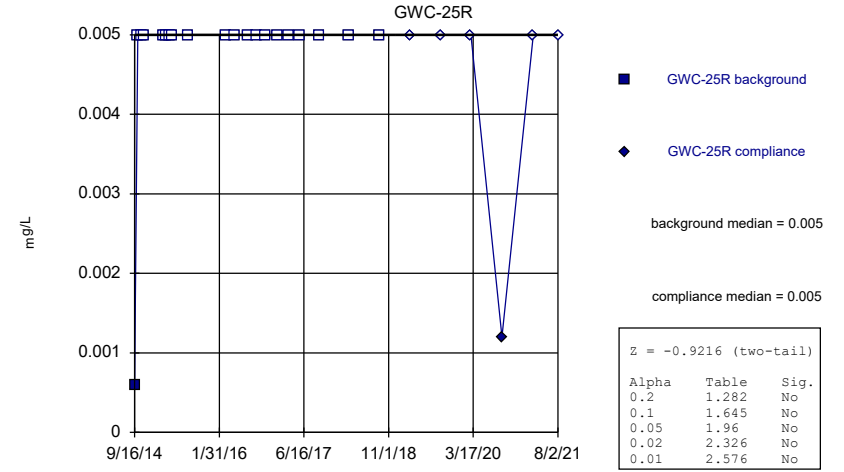
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



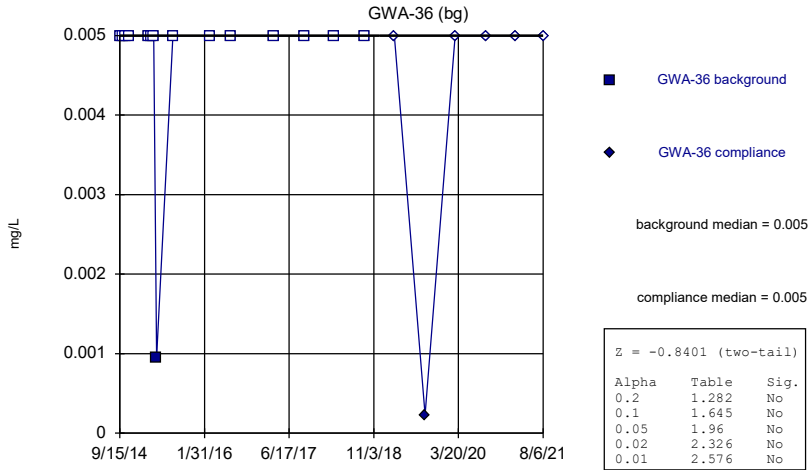
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



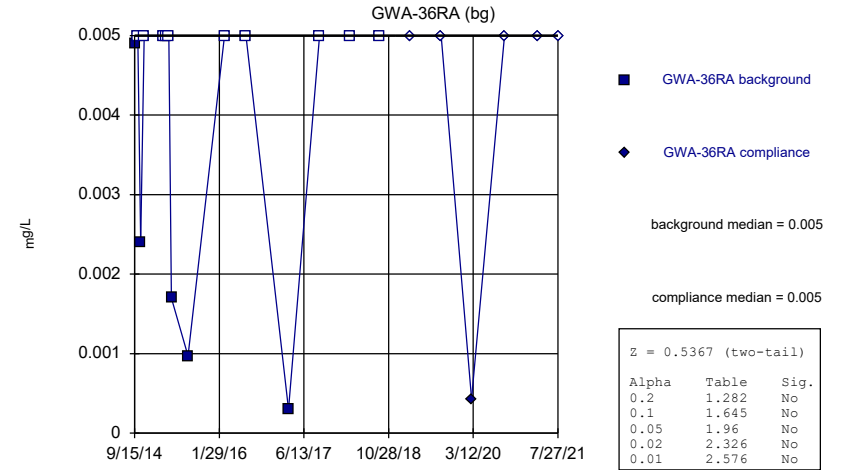
Constituent: Cobalt Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



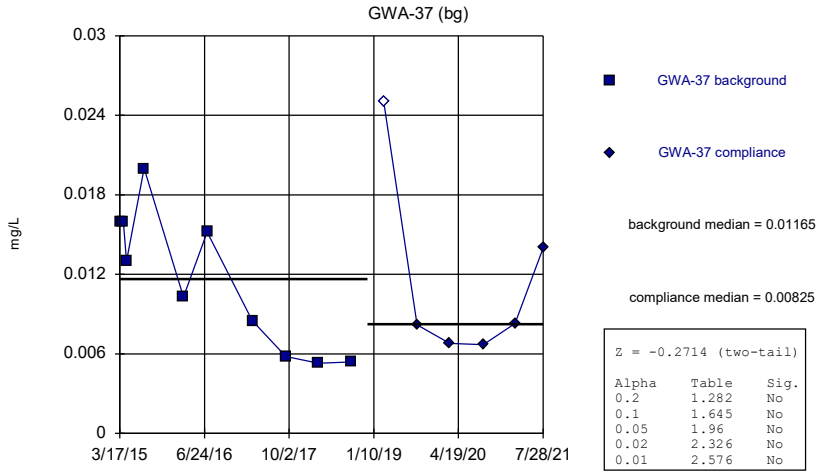
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



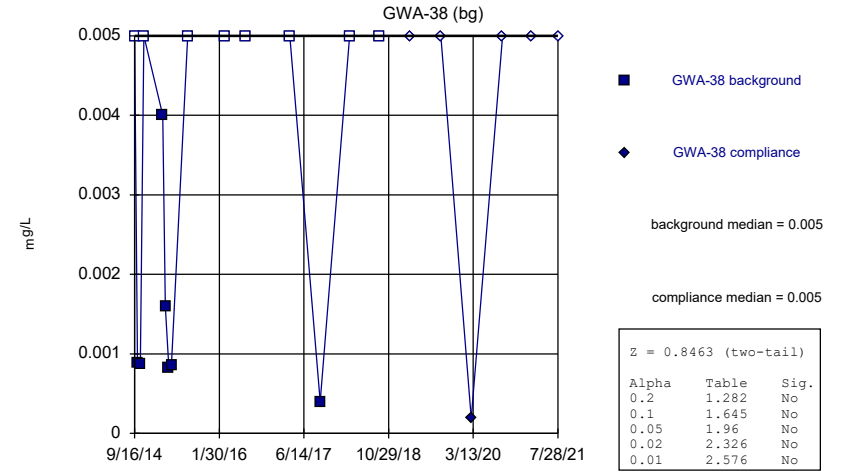
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



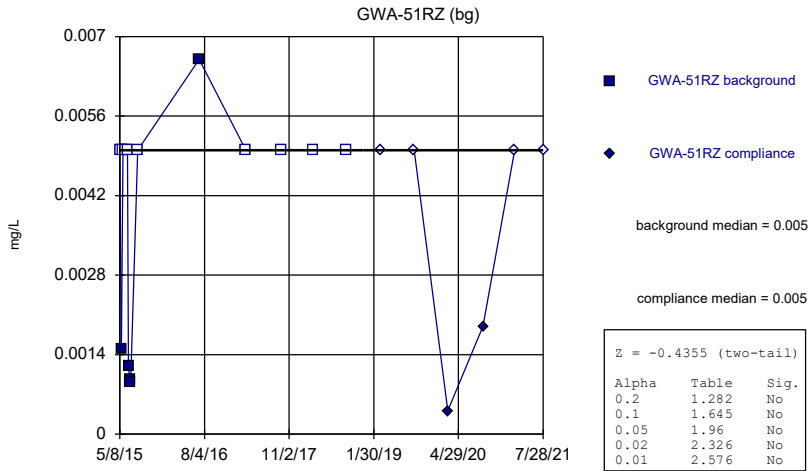
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



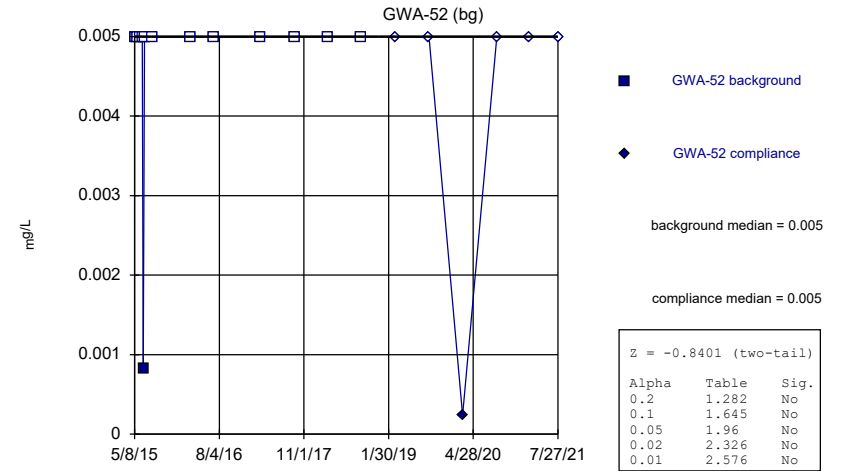
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

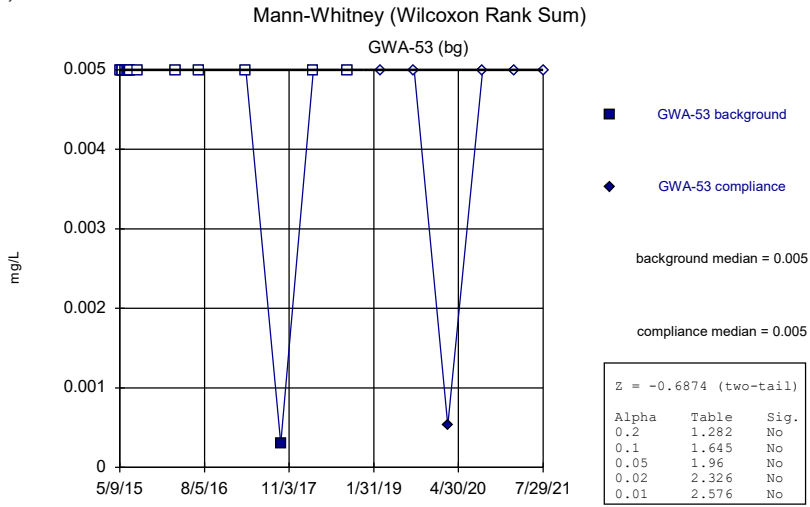


Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

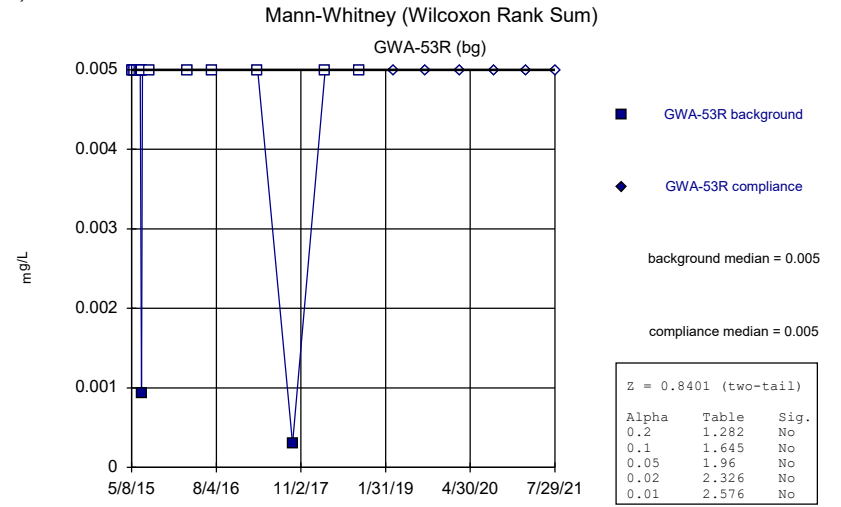
Mann-Whitney (Wilcoxon Rank Sum)



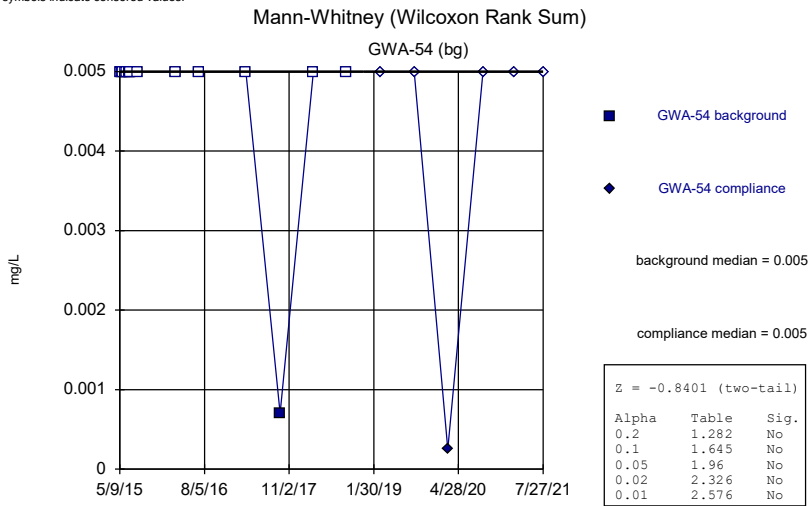
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



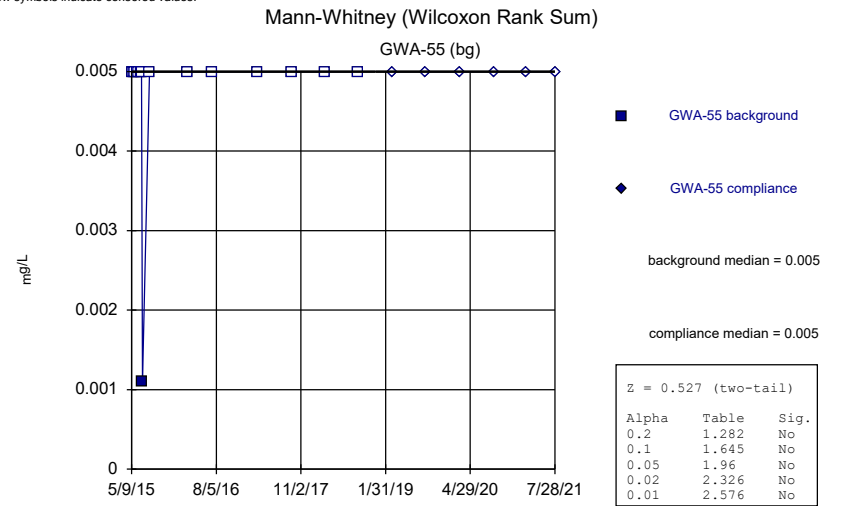
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



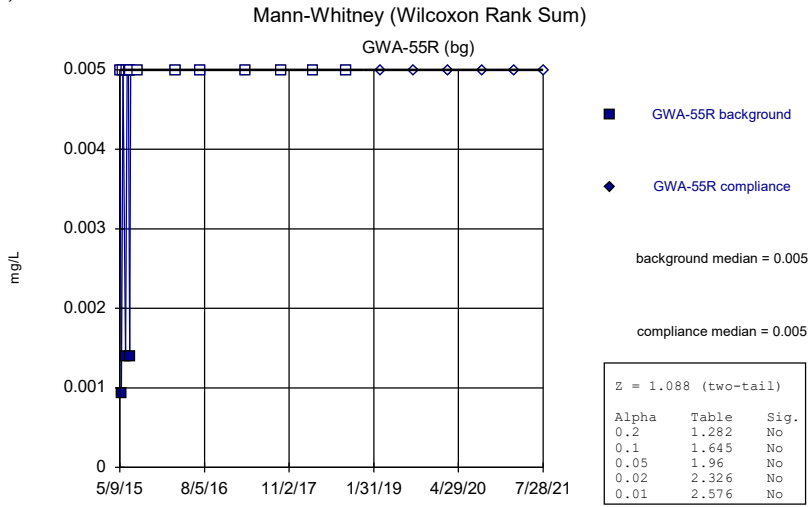
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



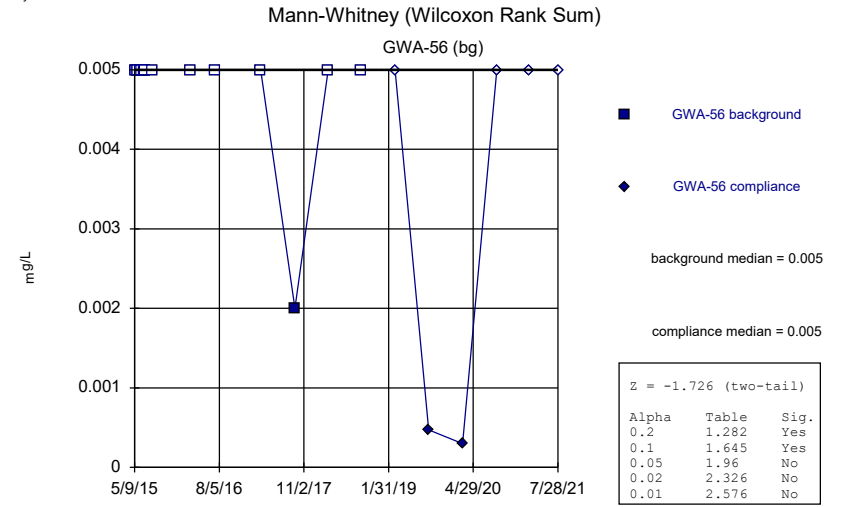
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



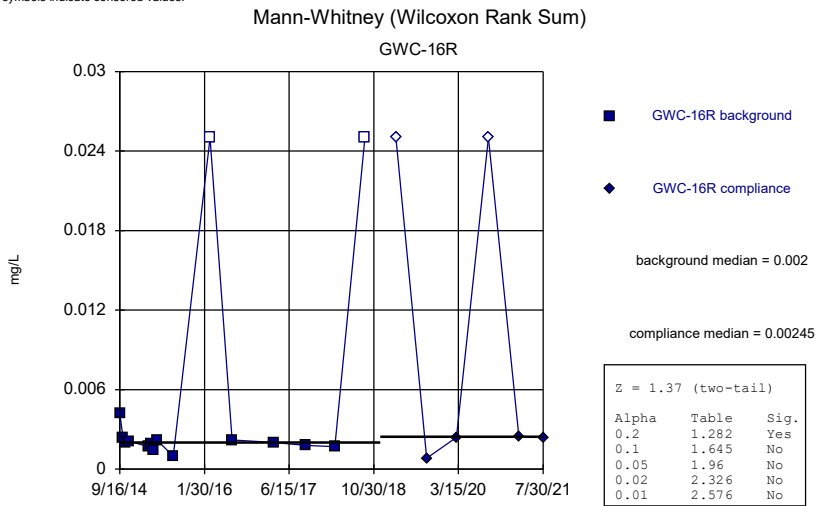
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



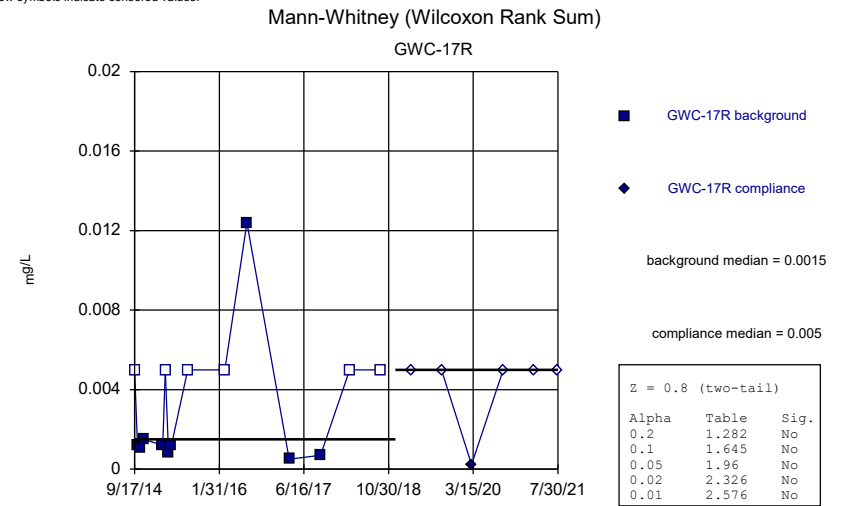
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



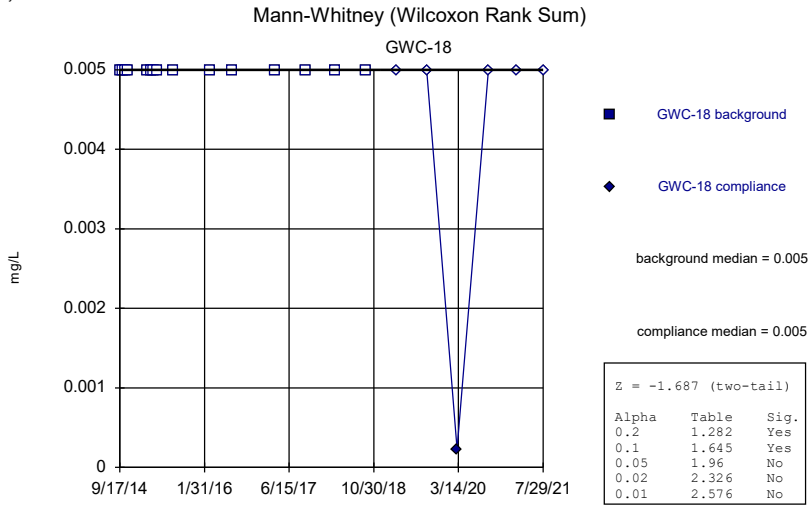
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



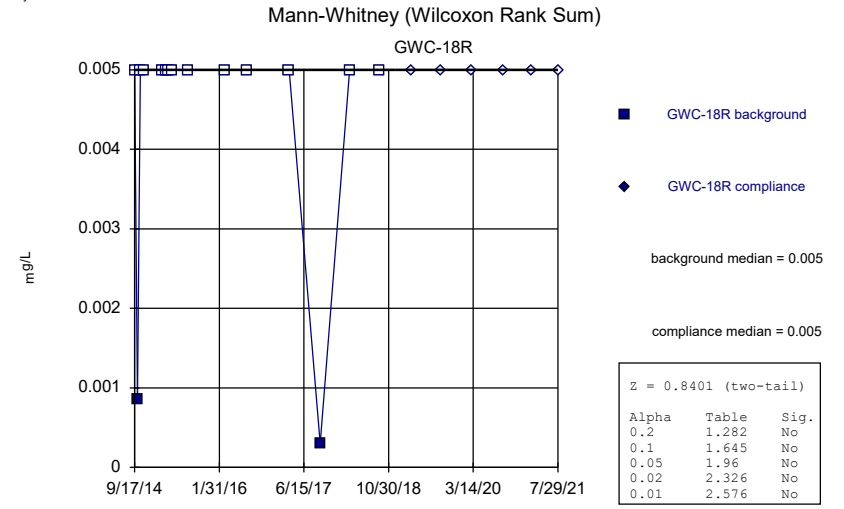
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



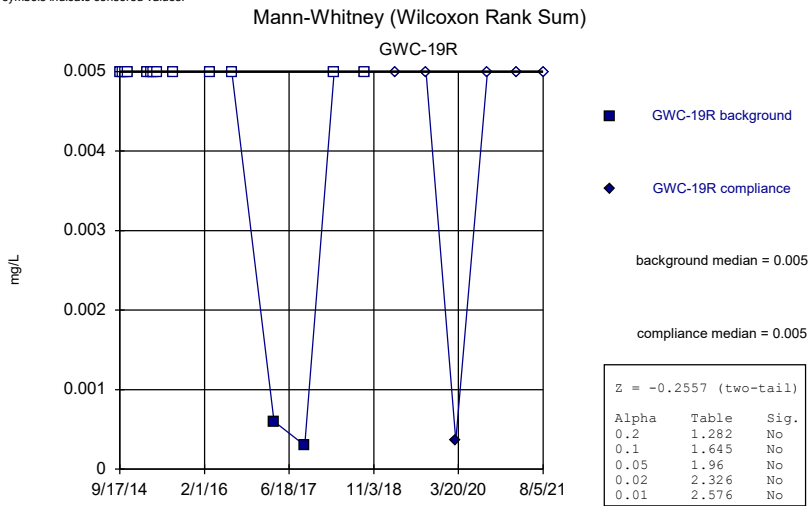
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



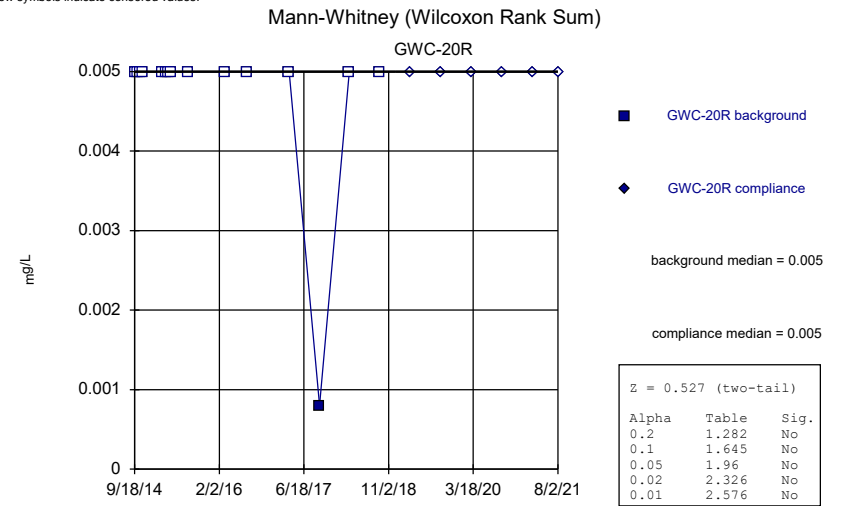
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

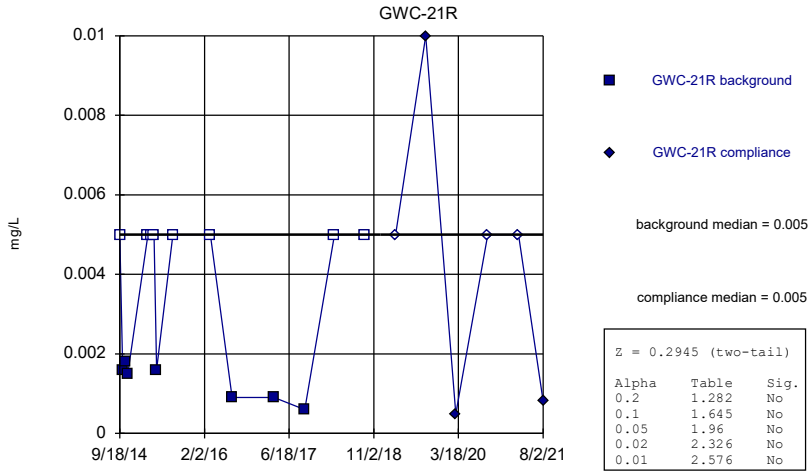


Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



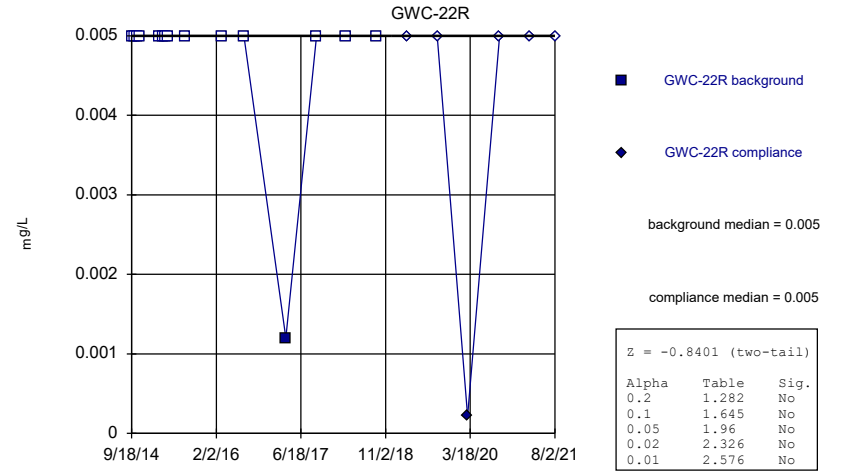
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



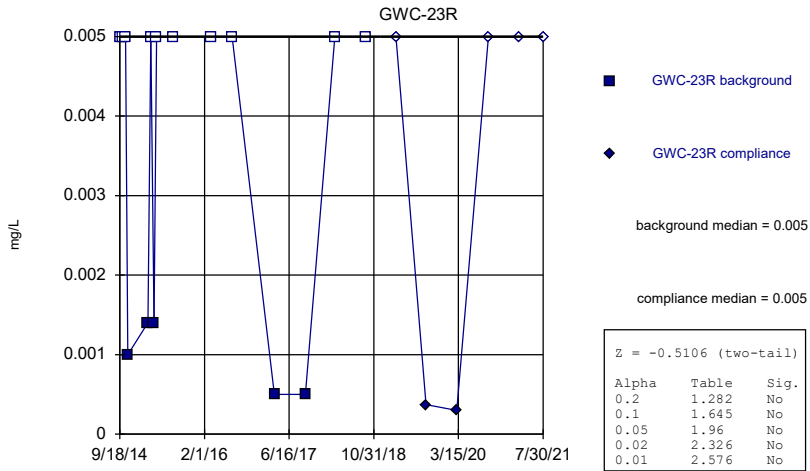
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



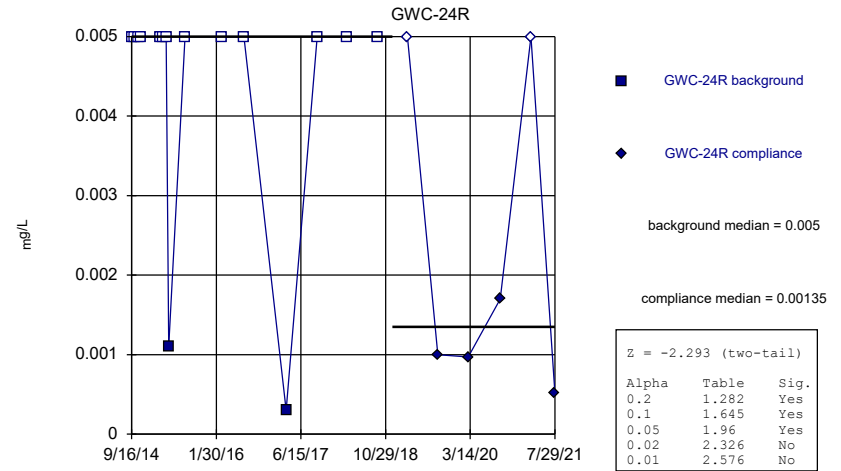
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

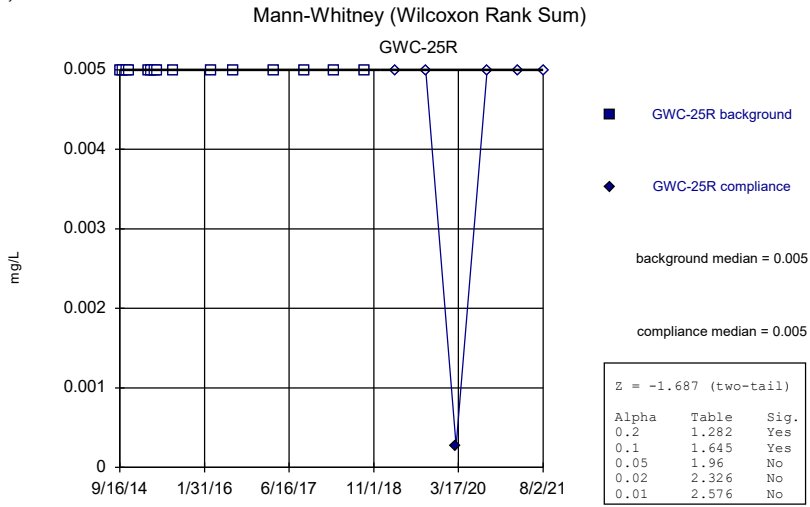


Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

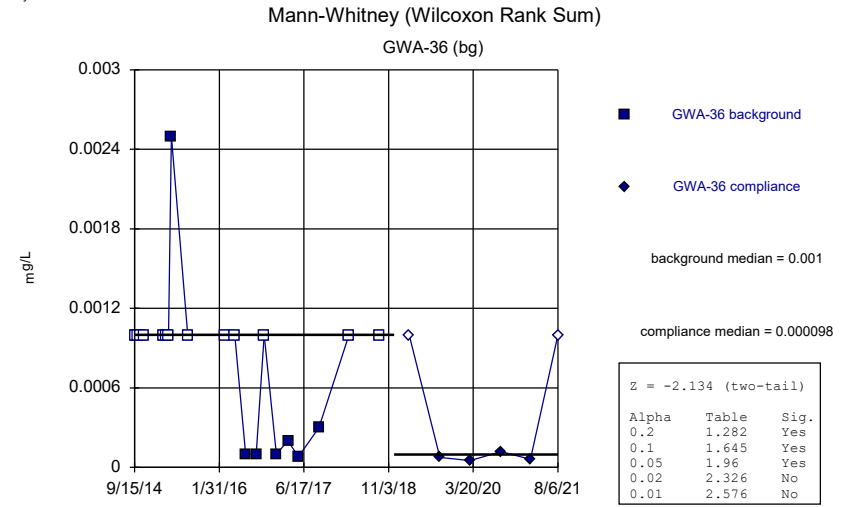
Mann-Whitney (Wilcoxon Rank Sum)



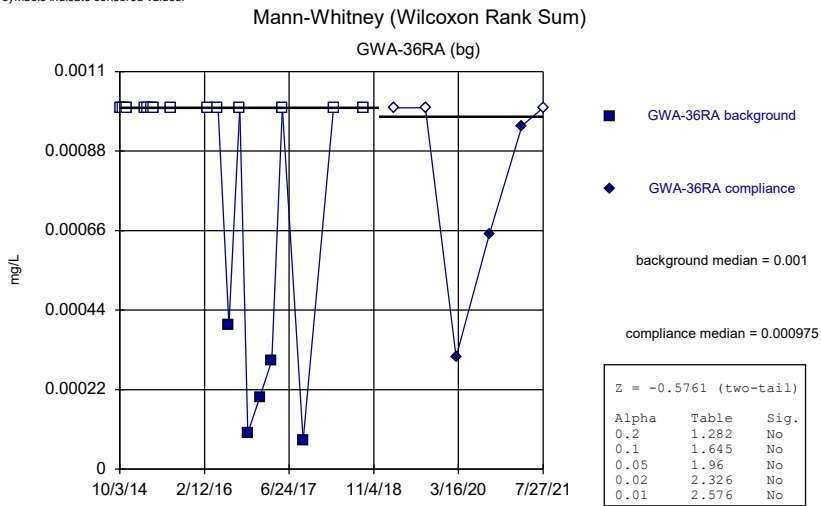
Constituent: Copper Analysis Run 3/29/2022 10:31 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



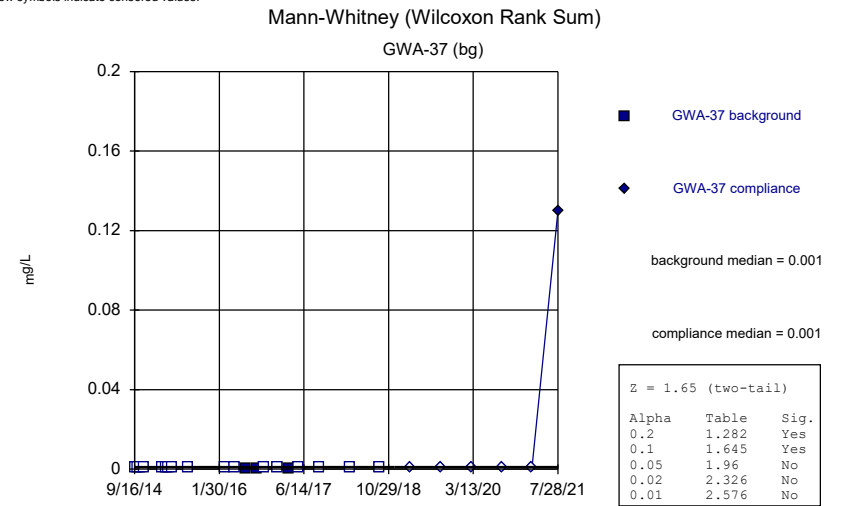
Constituent: Copper Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

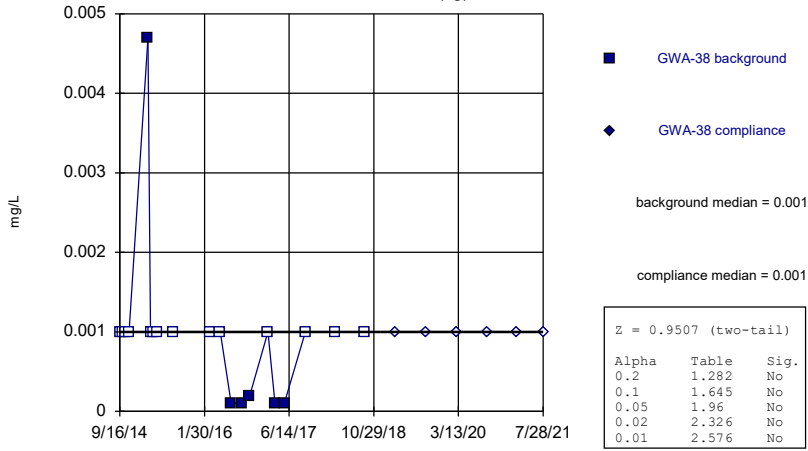


Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



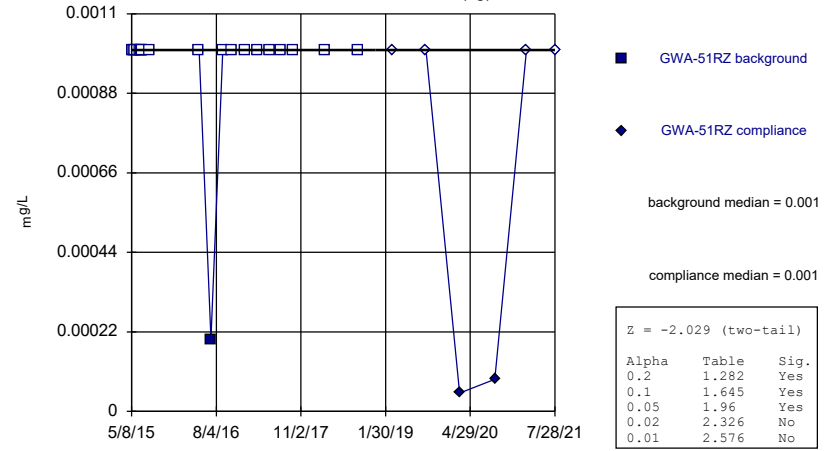
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-38 (bg)



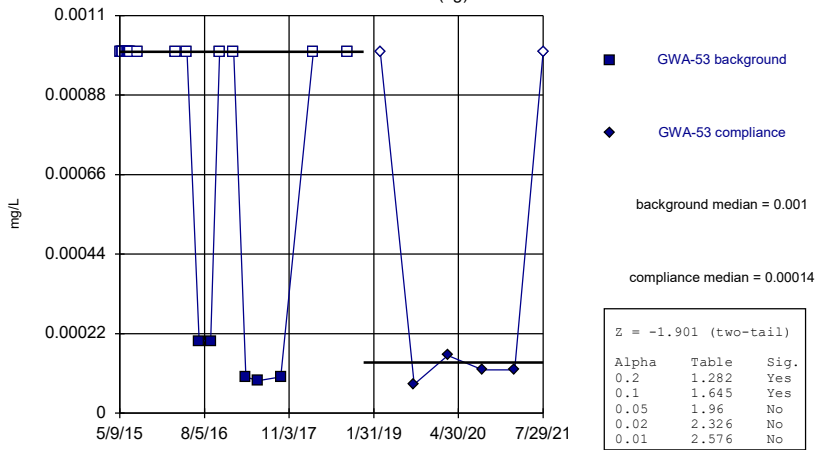
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-51RZ (bg)



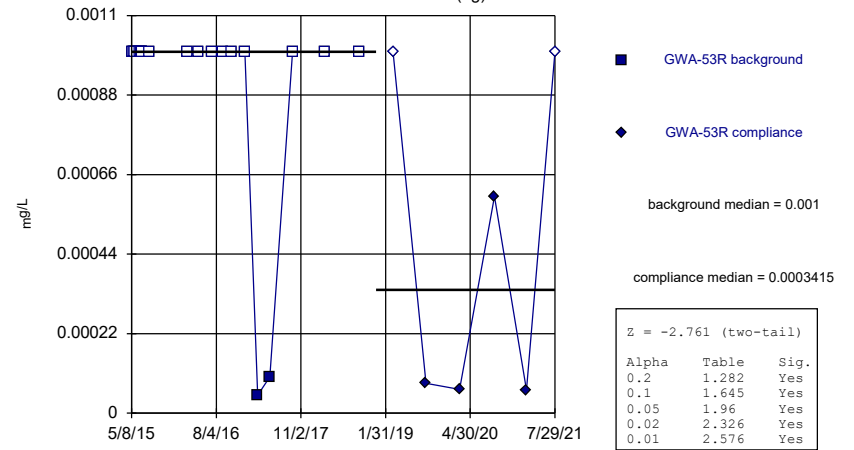
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53 (bg)



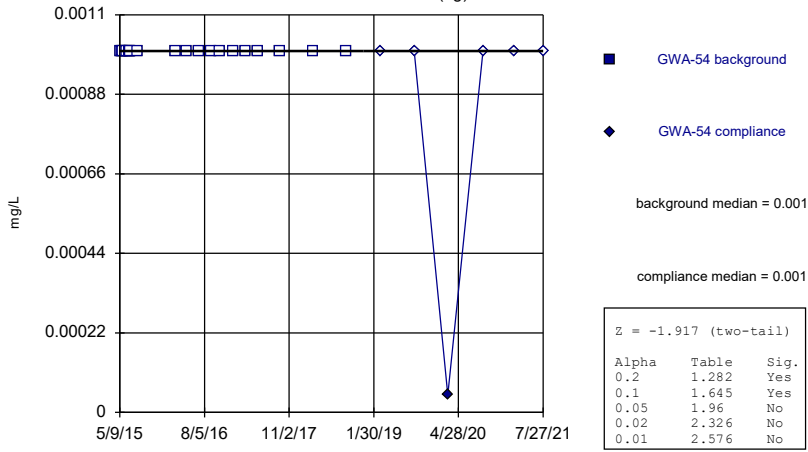
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53R (bg)



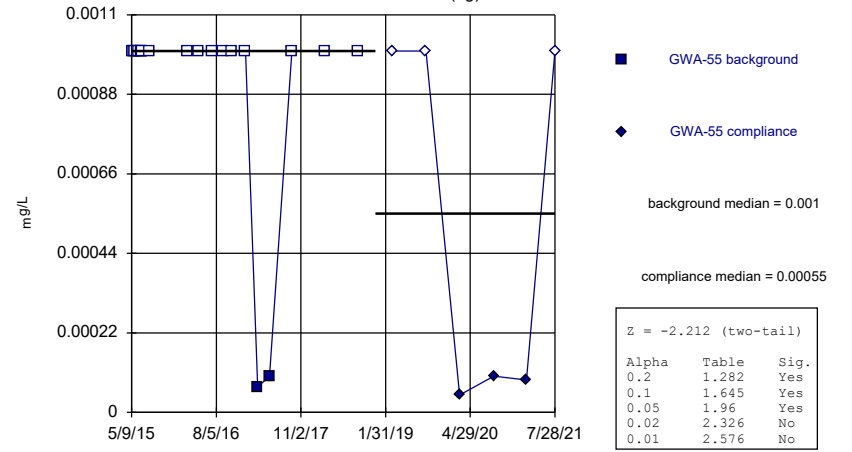
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-54 (bg)



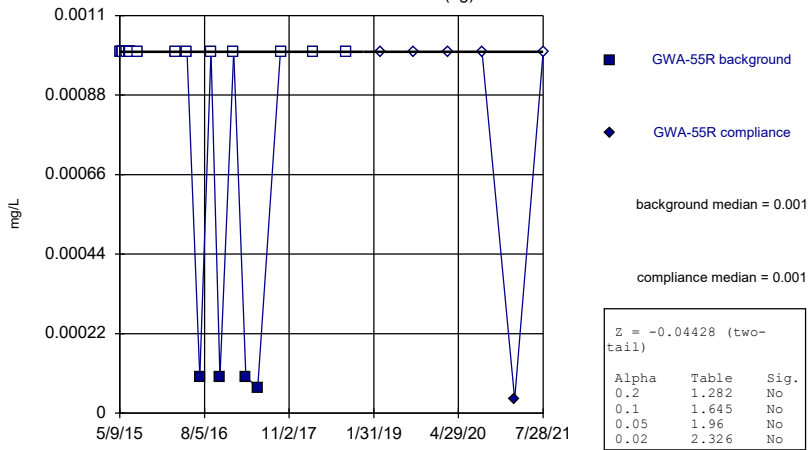
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55 (bg)



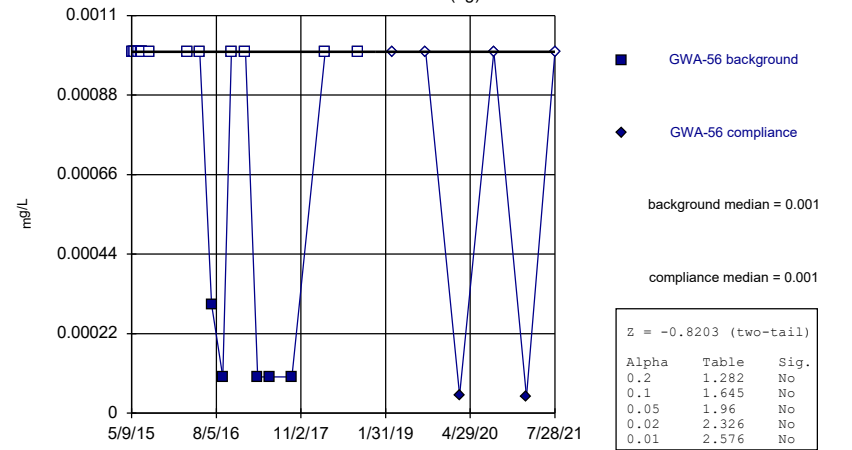
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55R (bg)



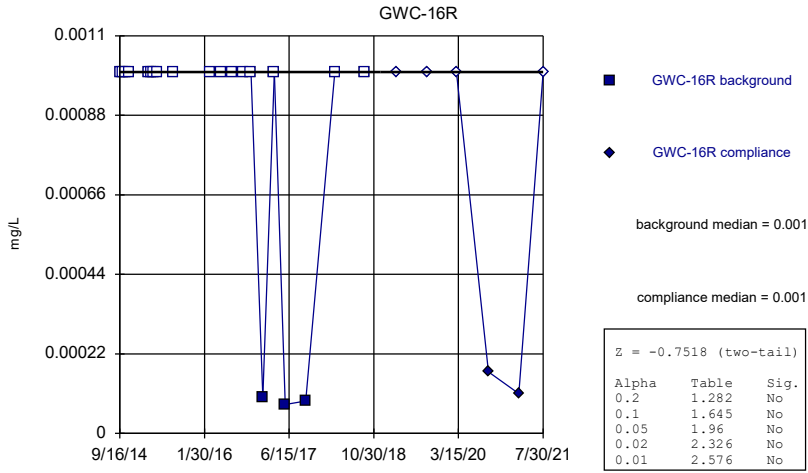
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-56 (bg)



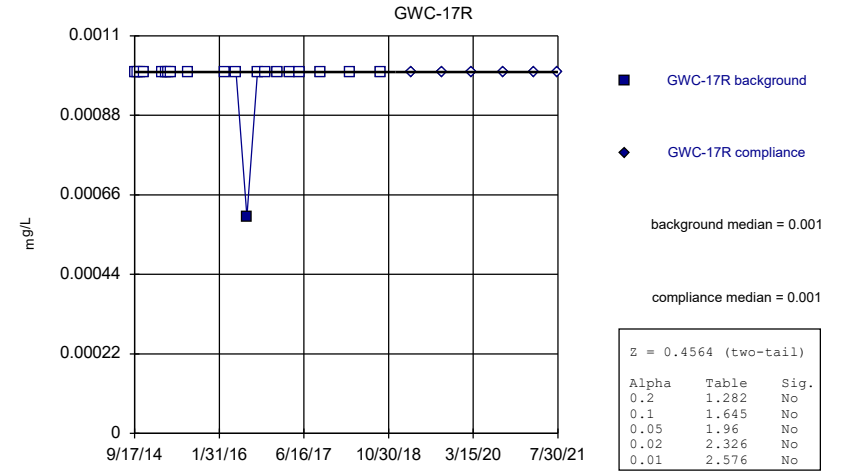
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



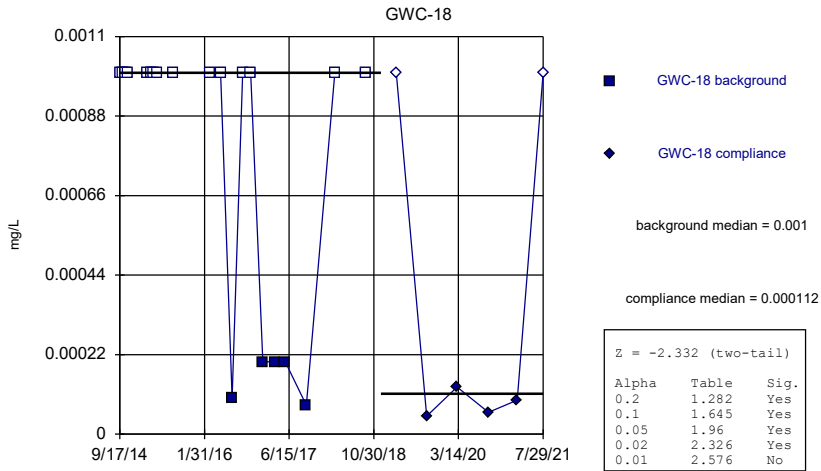
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



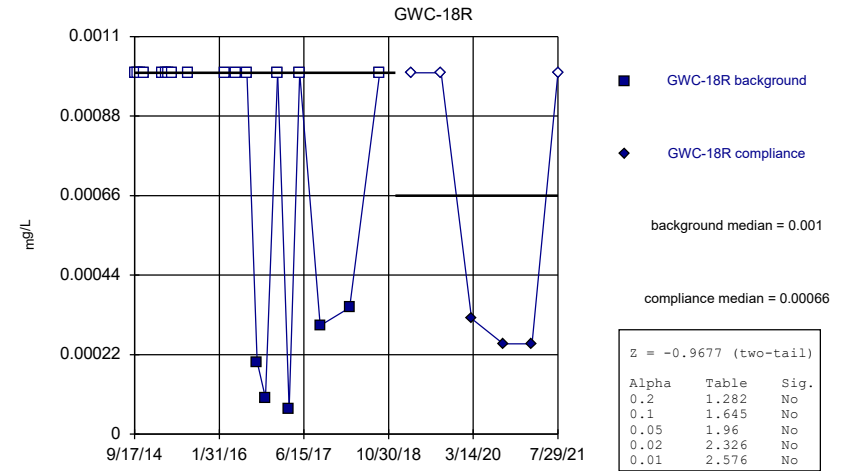
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



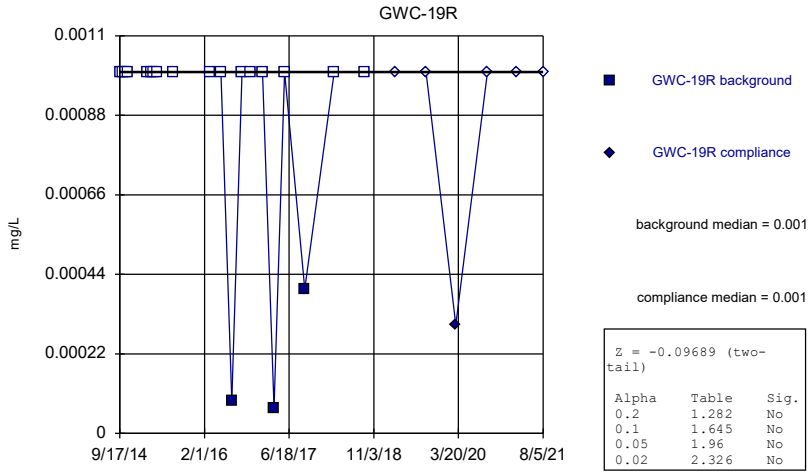
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



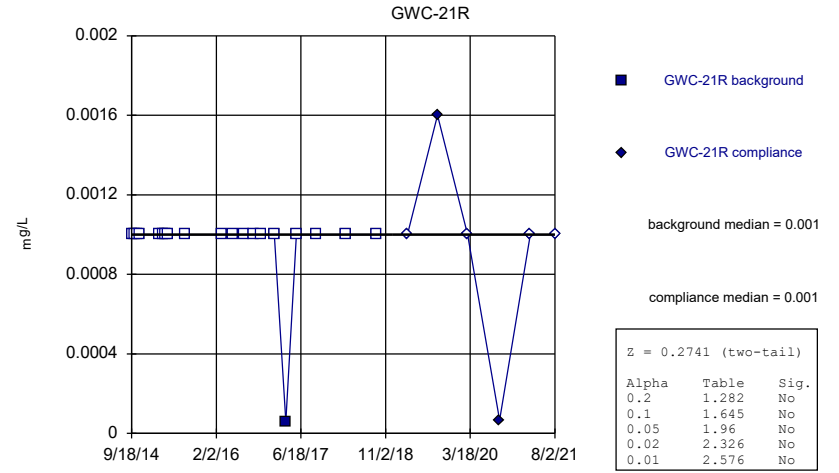
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



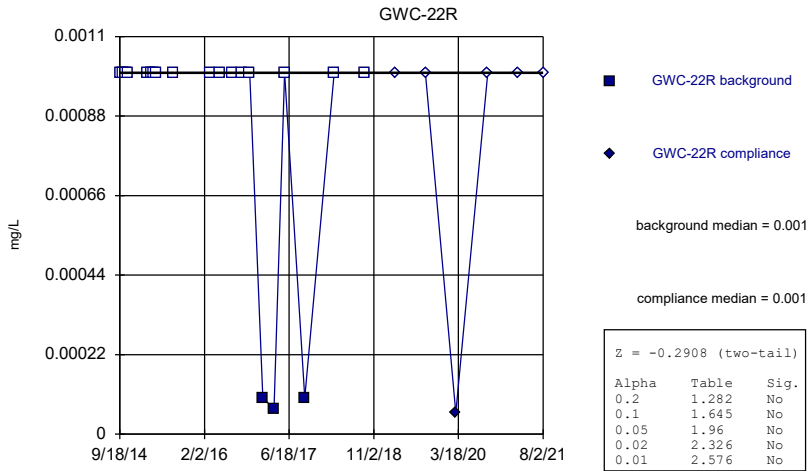
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



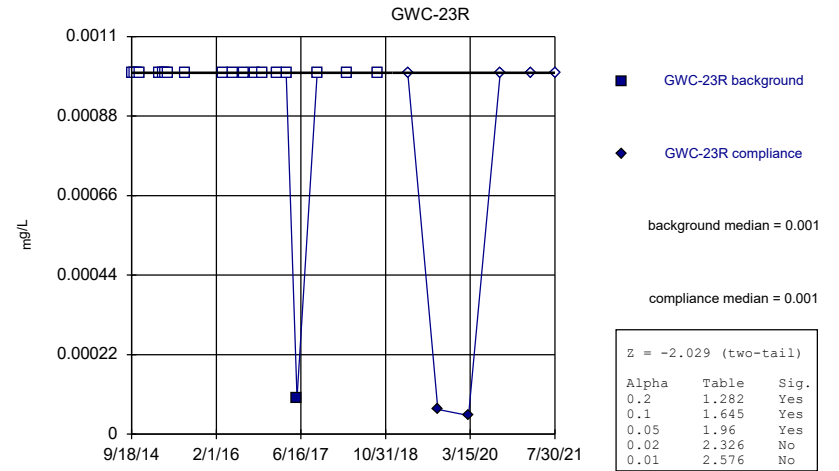
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



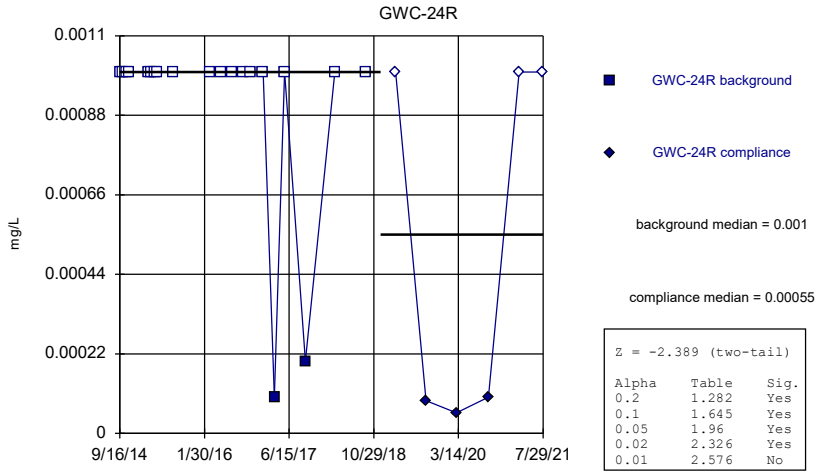
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



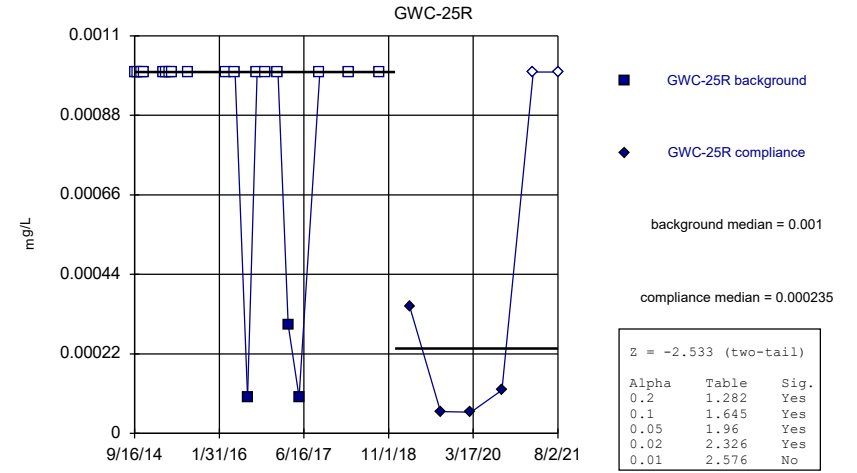
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



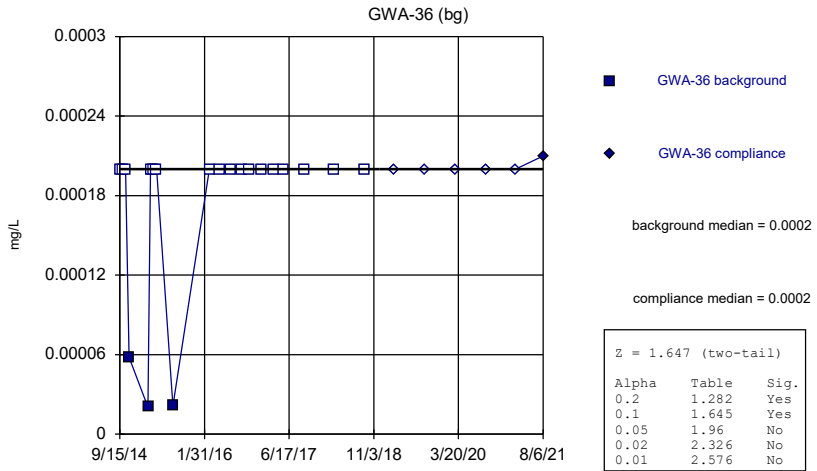
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



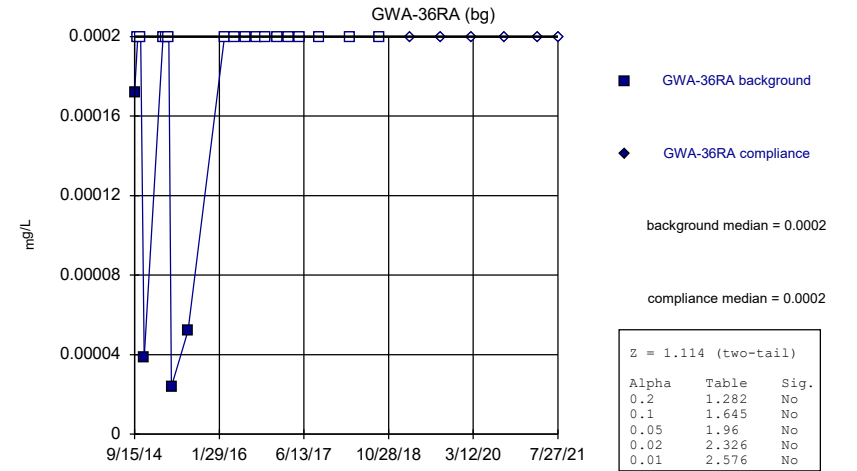
Constituent: Lead Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

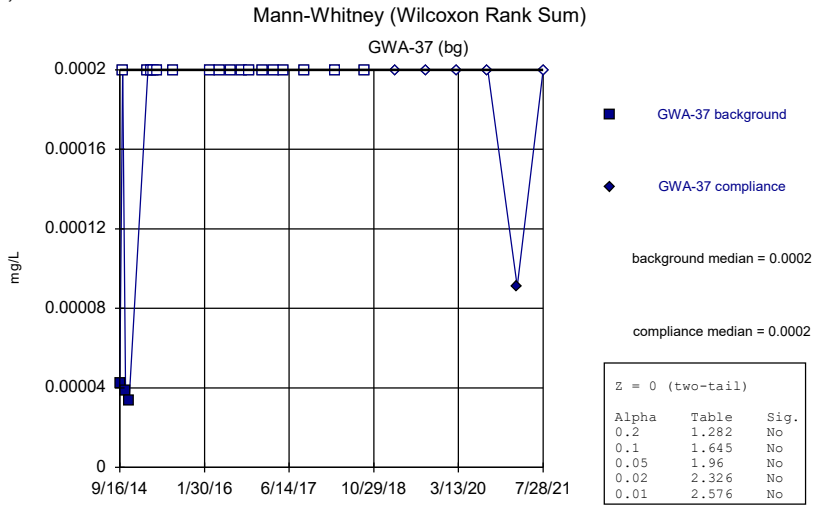


Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

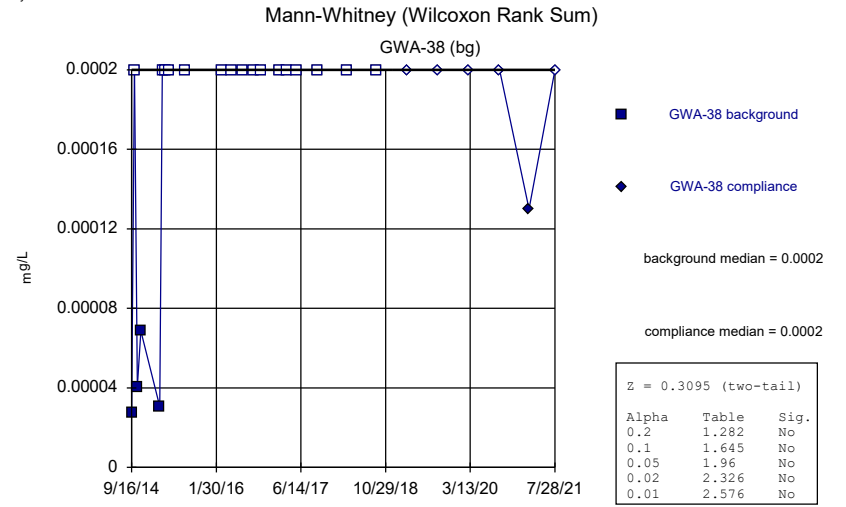
Mann-Whitney (Wilcoxon Rank Sum)



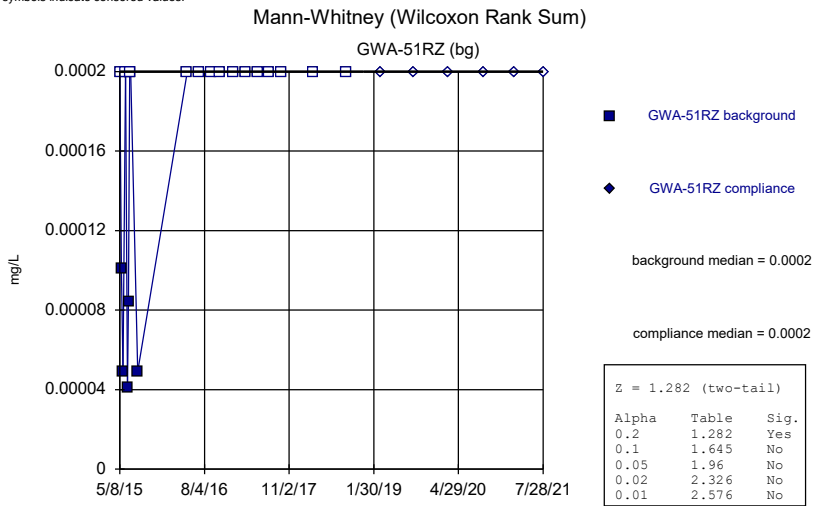
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



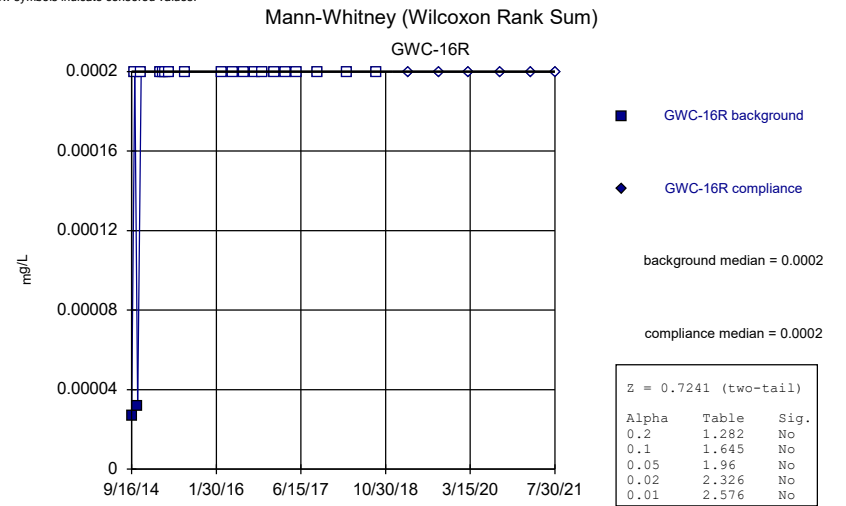
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

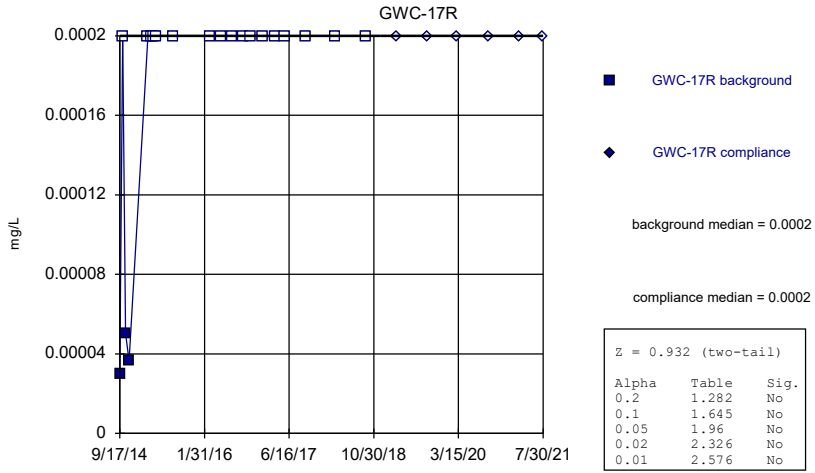


Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



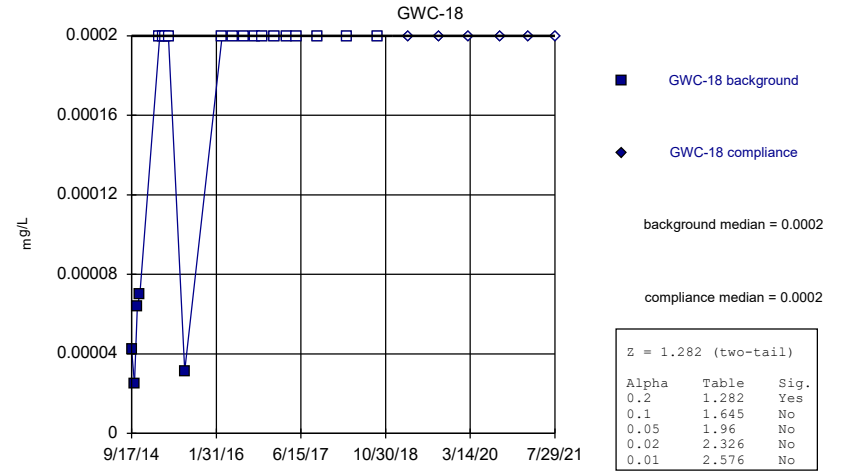
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



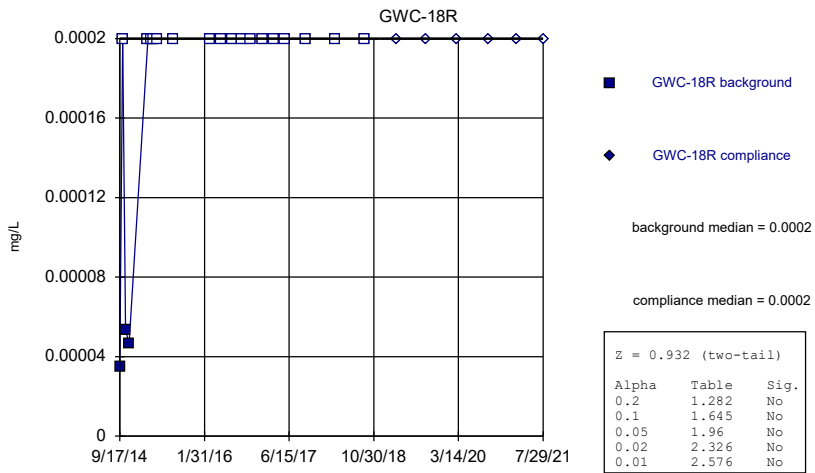
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



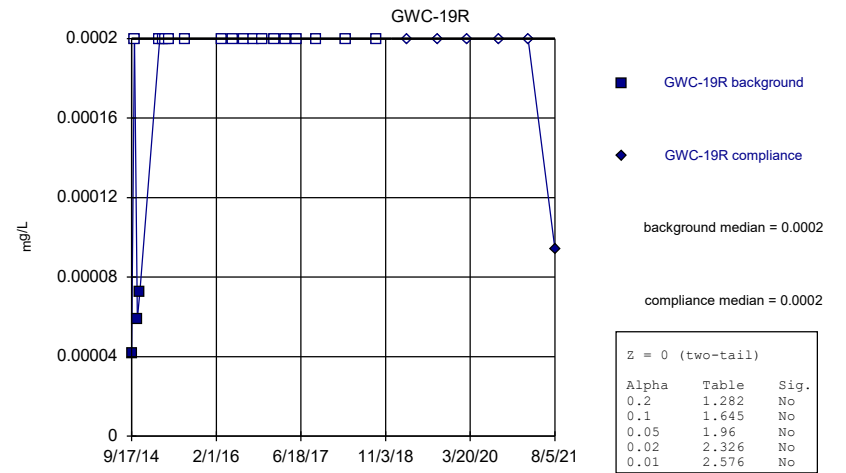
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



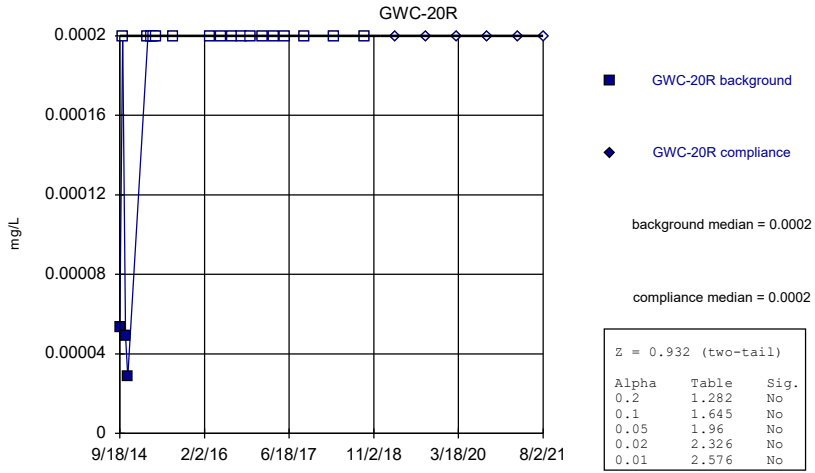
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



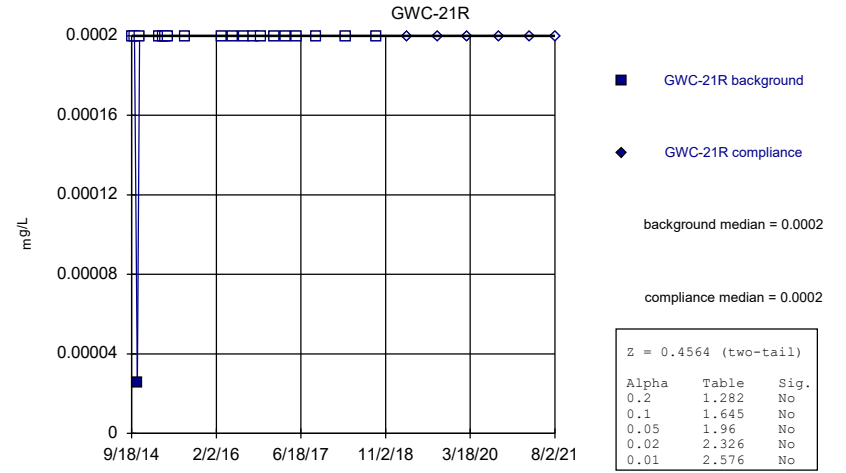
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



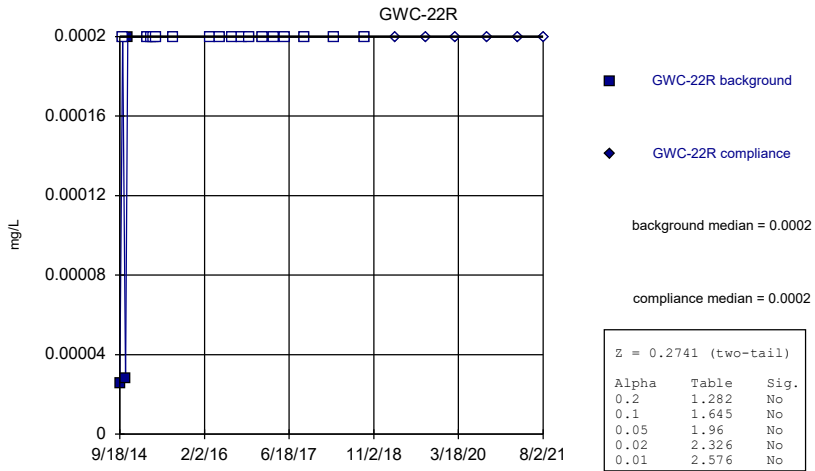
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



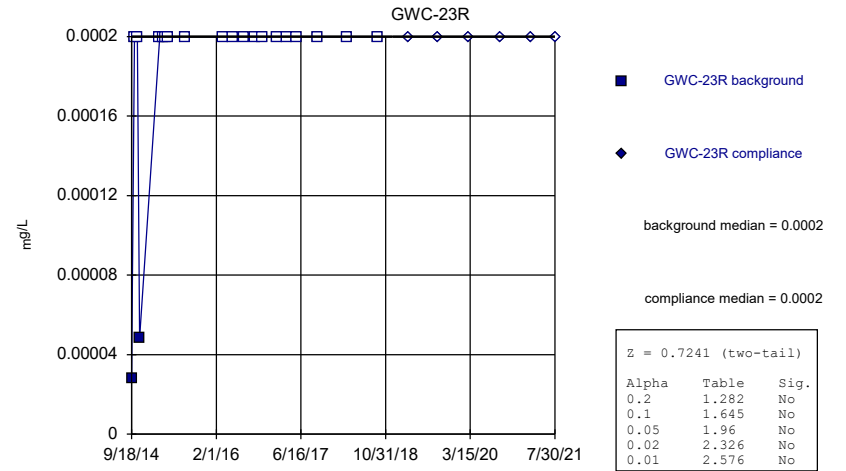
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



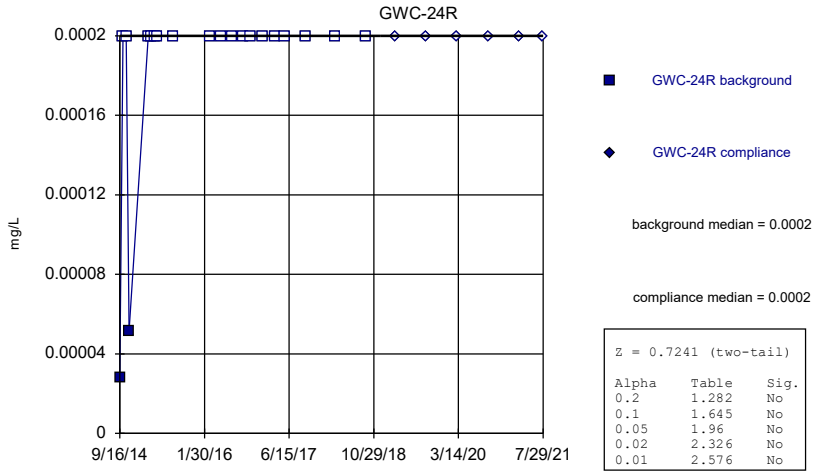
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



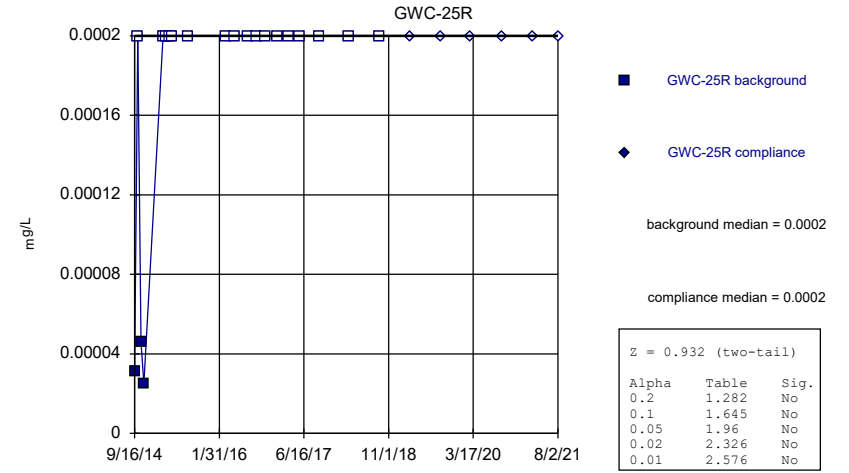
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



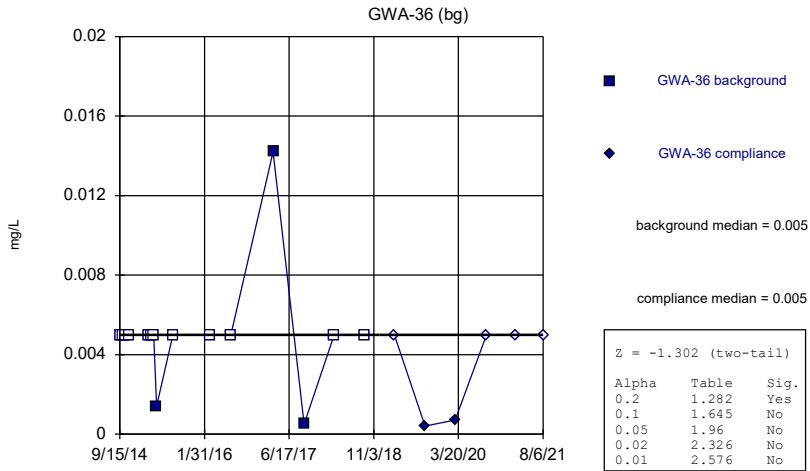
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



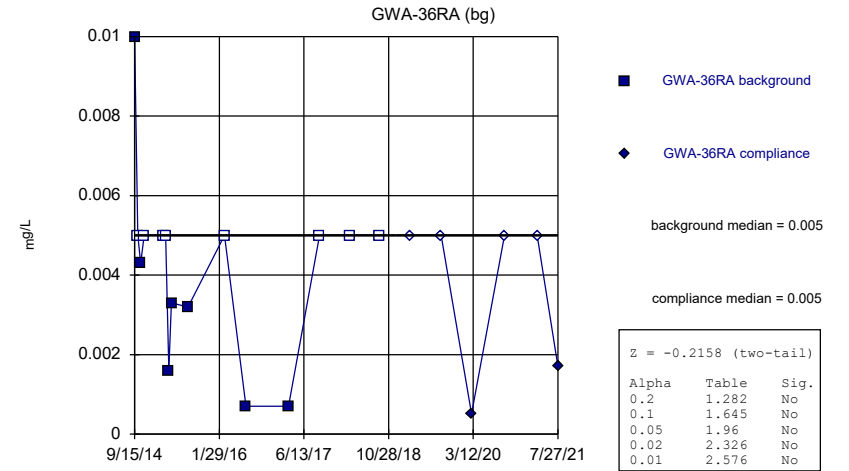
Constituent: Mercury Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



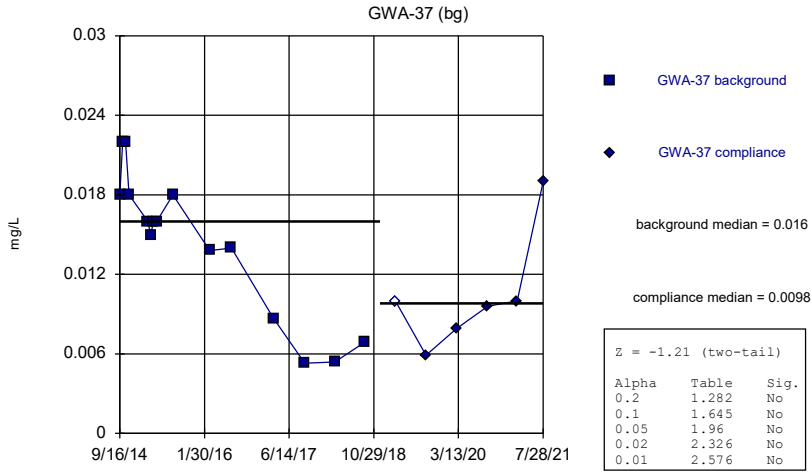
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



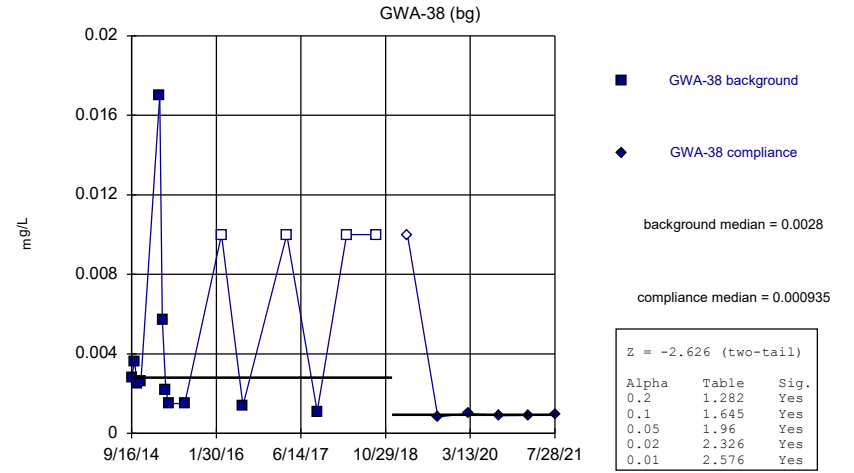
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



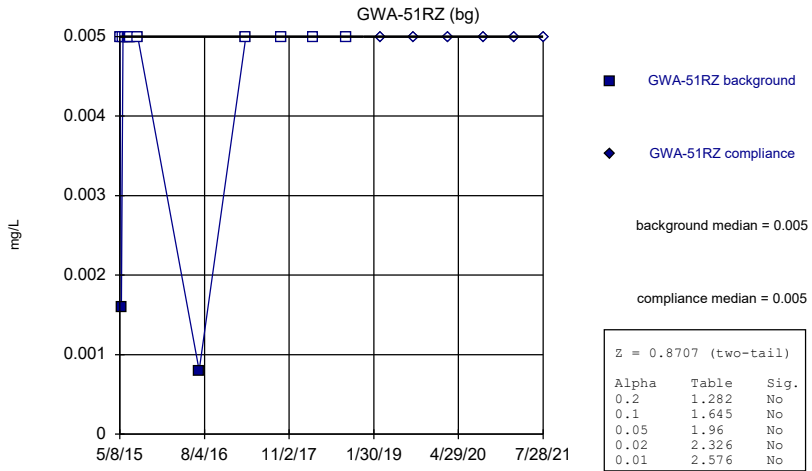
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



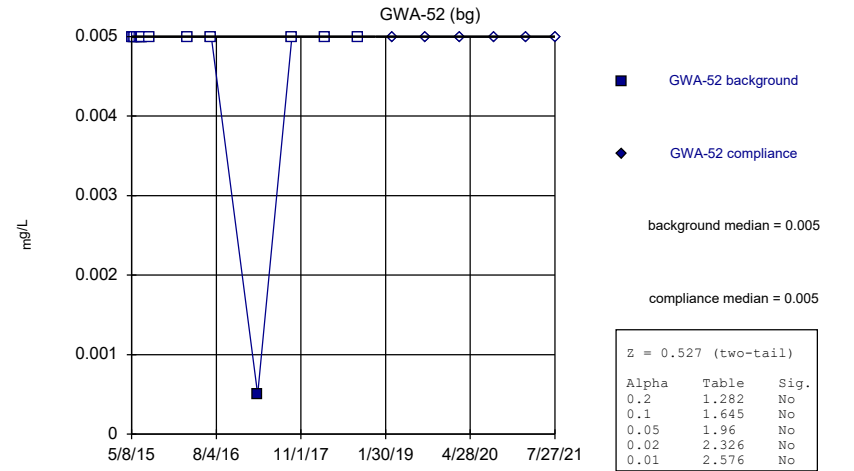
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

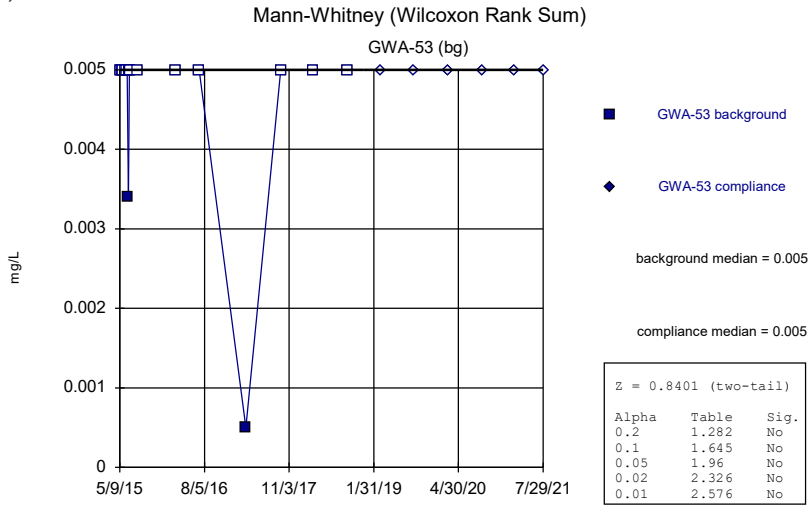


Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

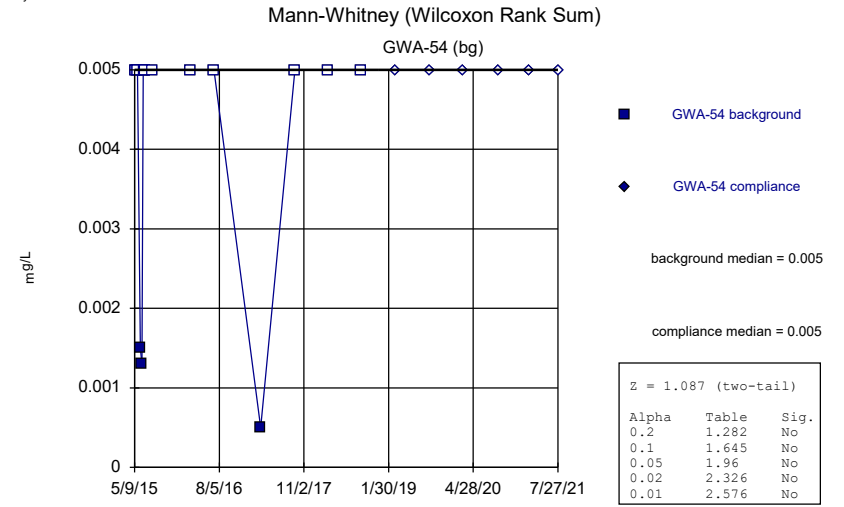
Mann-Whitney (Wilcoxon Rank Sum)



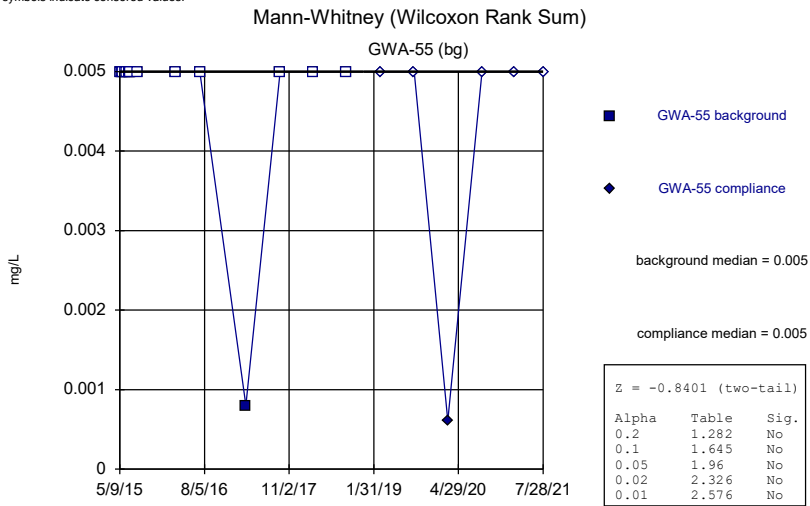
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



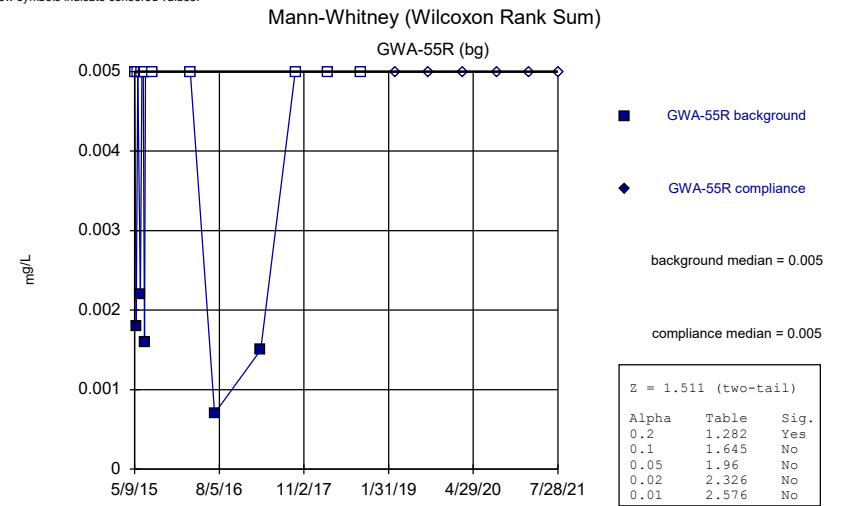
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



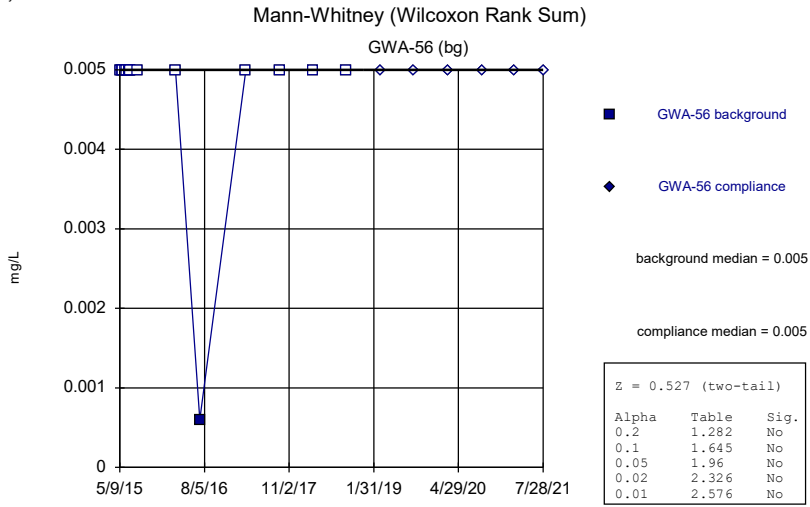
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



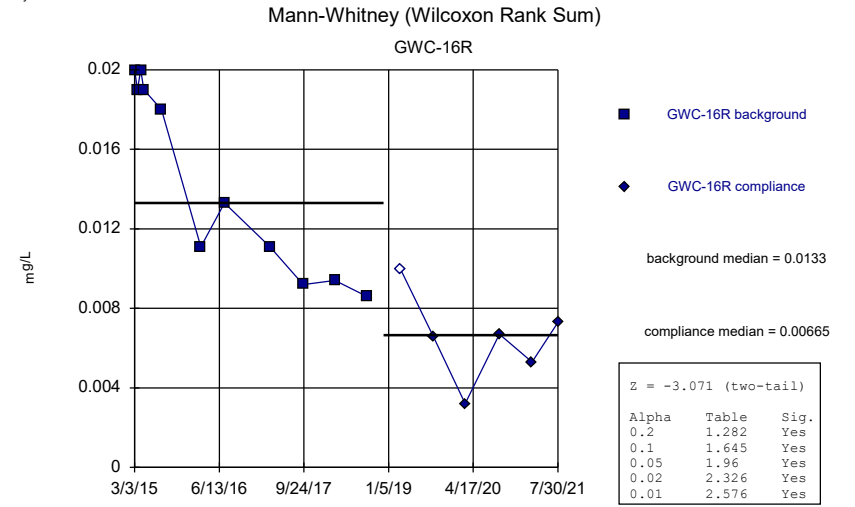
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



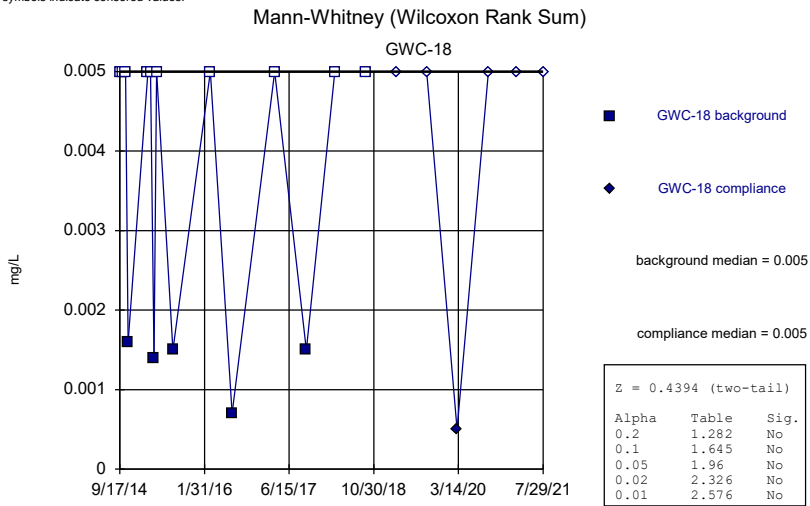
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



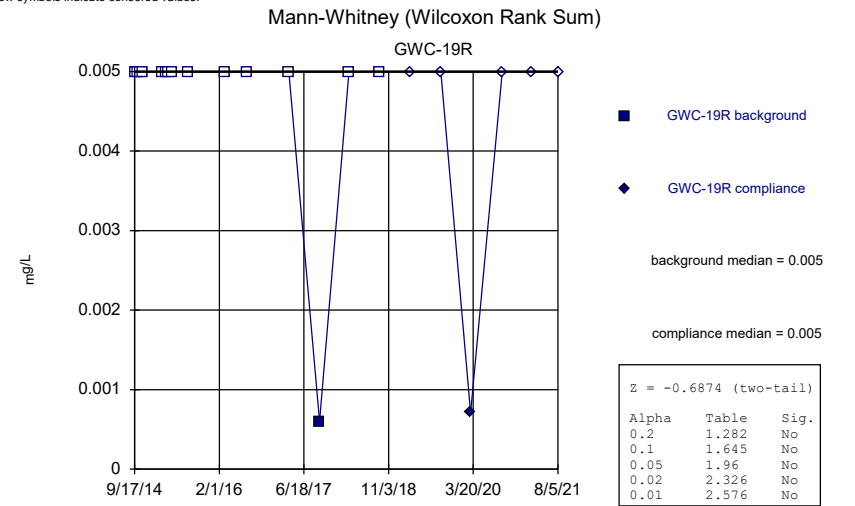
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



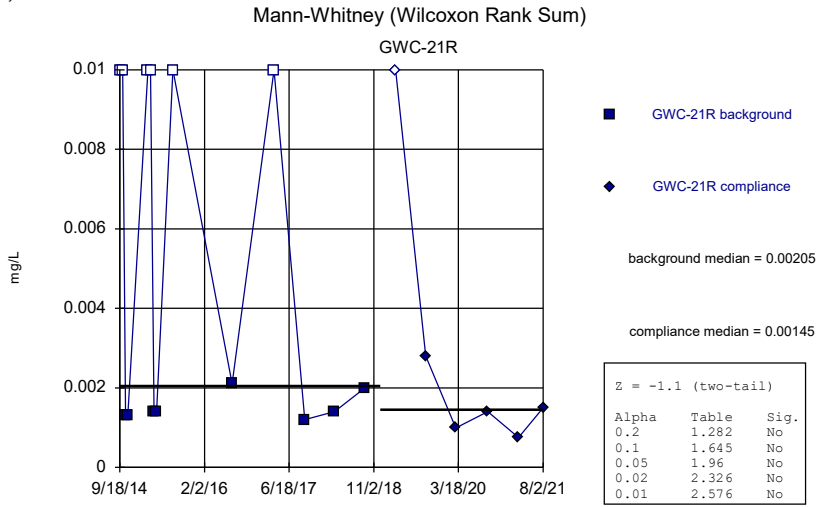
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



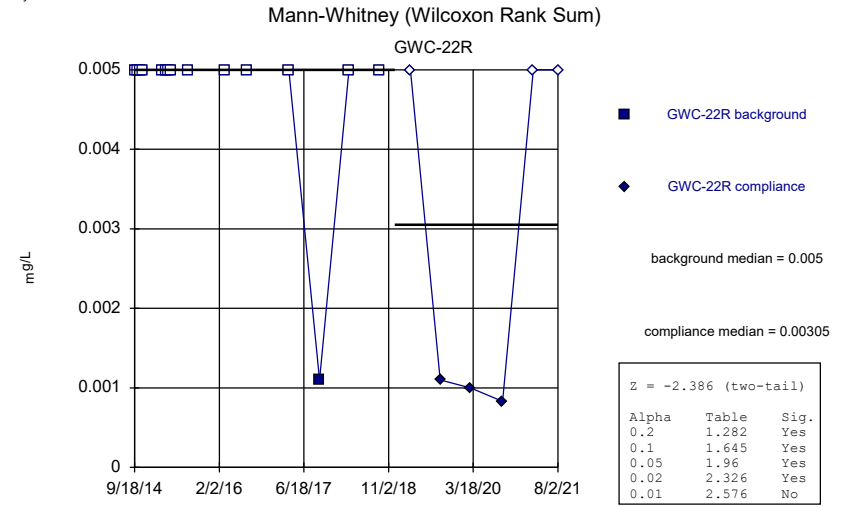
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



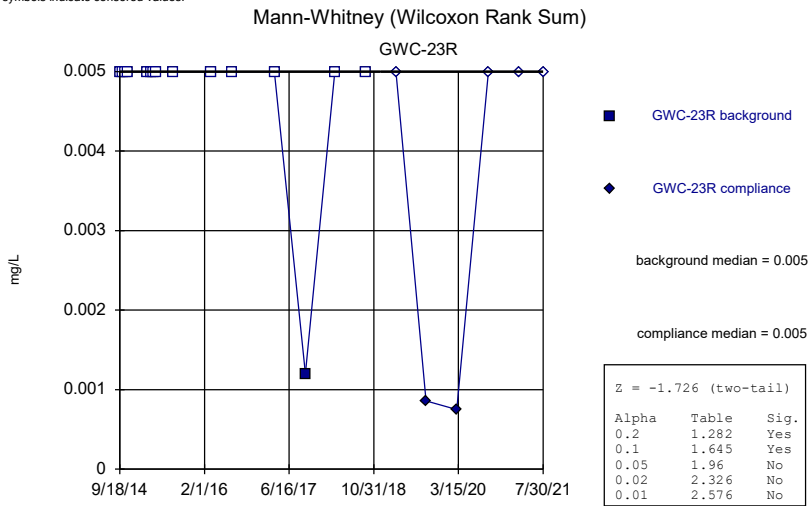
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



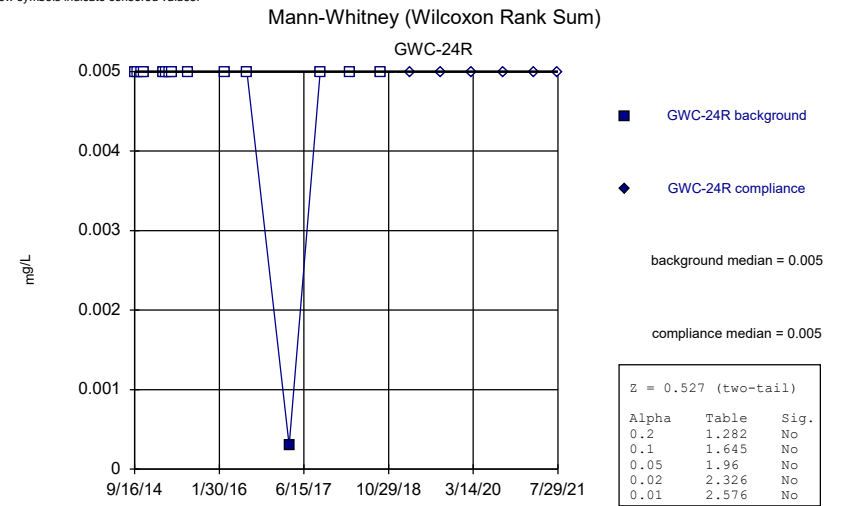
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



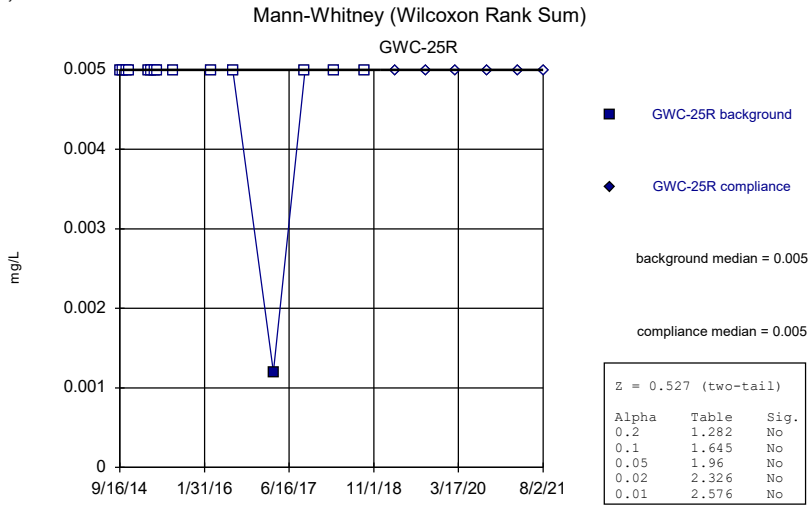
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



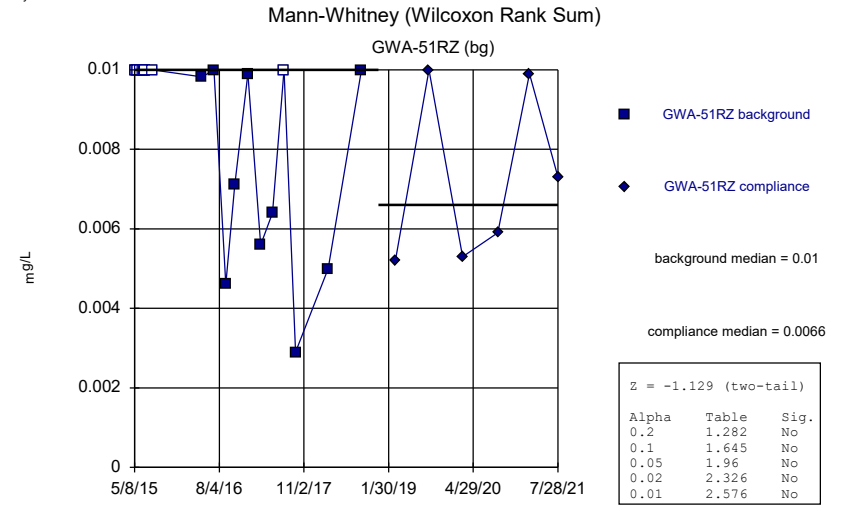
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



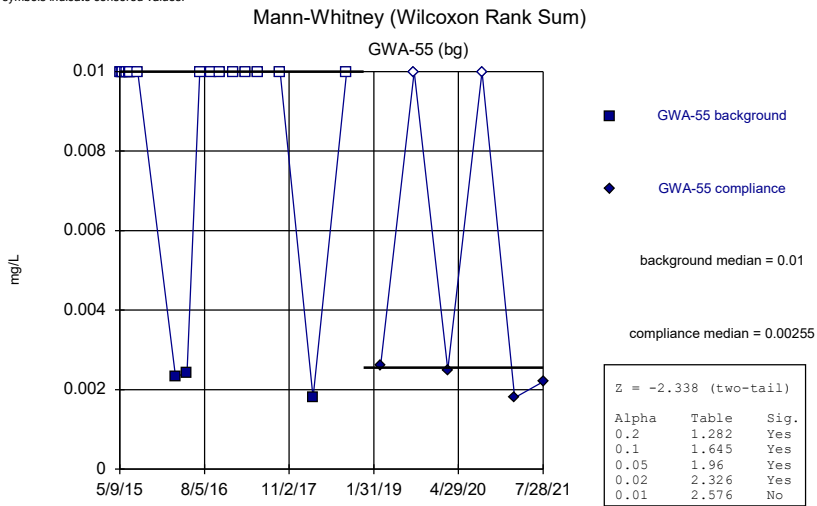
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



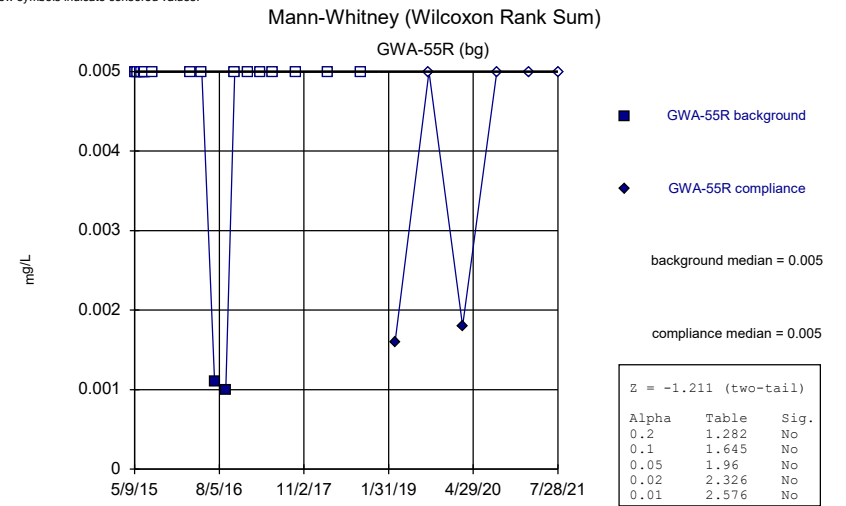
Constituent: Nickel Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



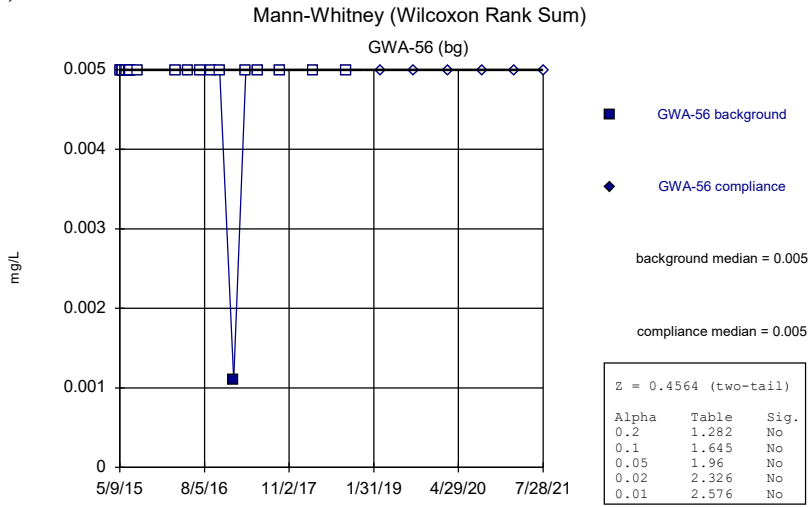
Constituent: Selenium Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



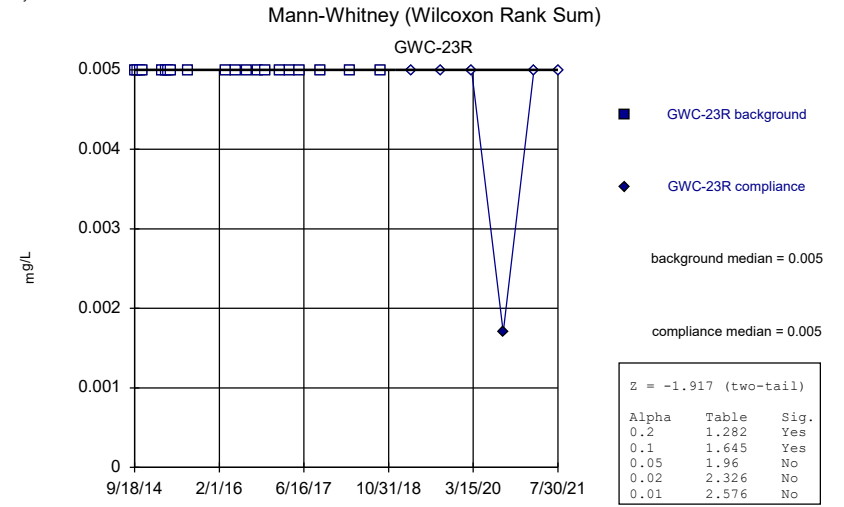
Constituent: Selenium Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



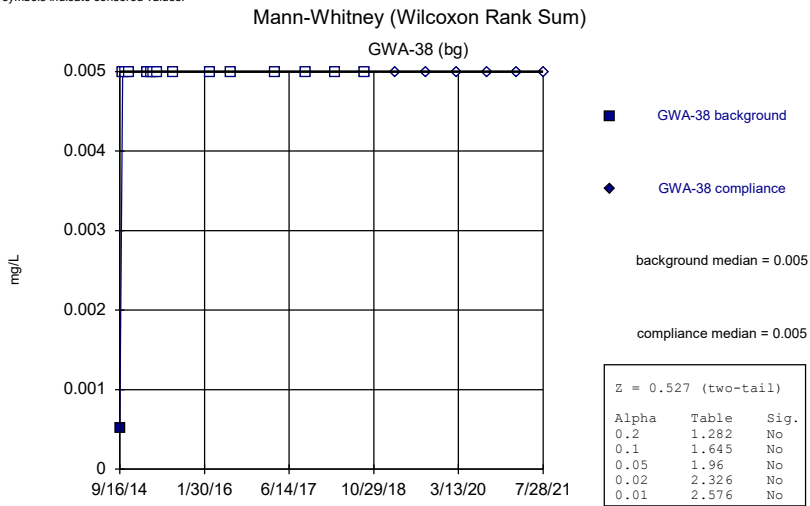
Constituent: Selenium Analysis Run 3/29/2022 10:32 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



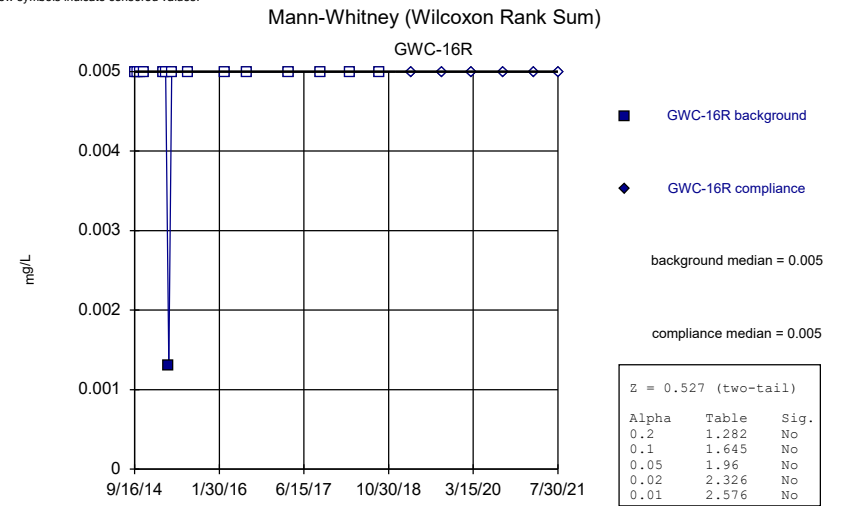
Constituent: Selenium Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



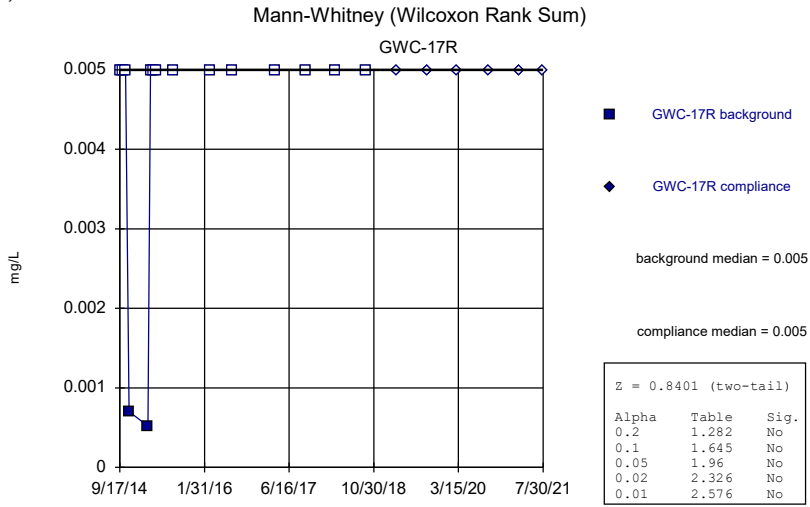
Constituent: Selenium Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



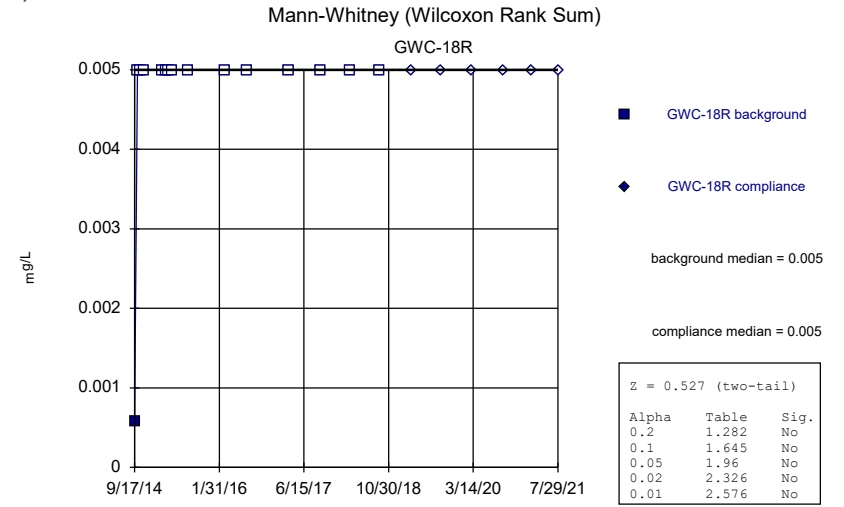
Constituent: Silver Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



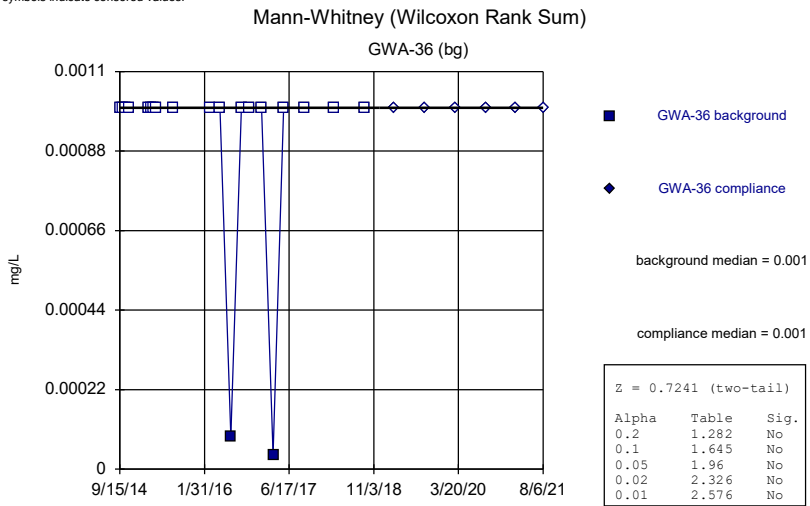
Constituent: Silver Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



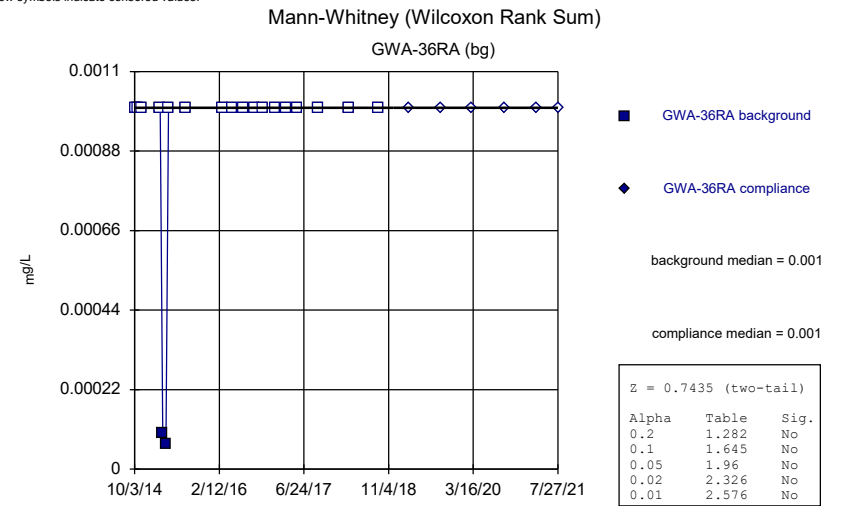
Constituent: Silver Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



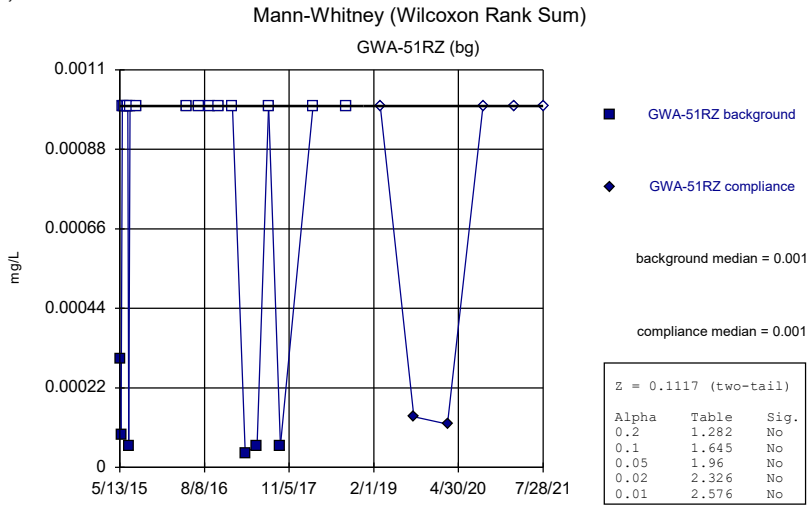
Constituent: Silver Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



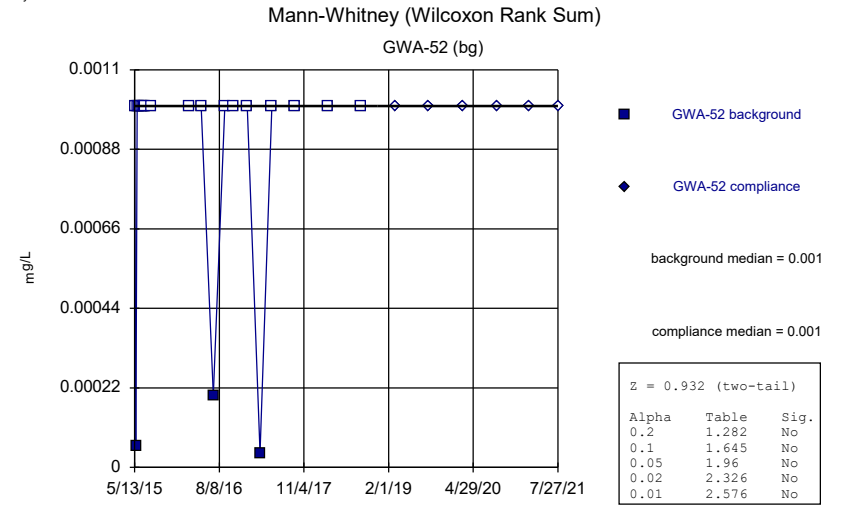
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



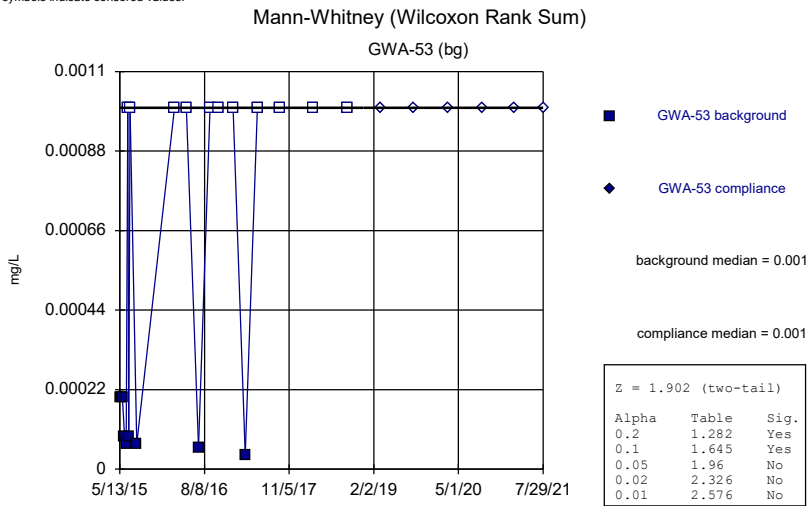
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



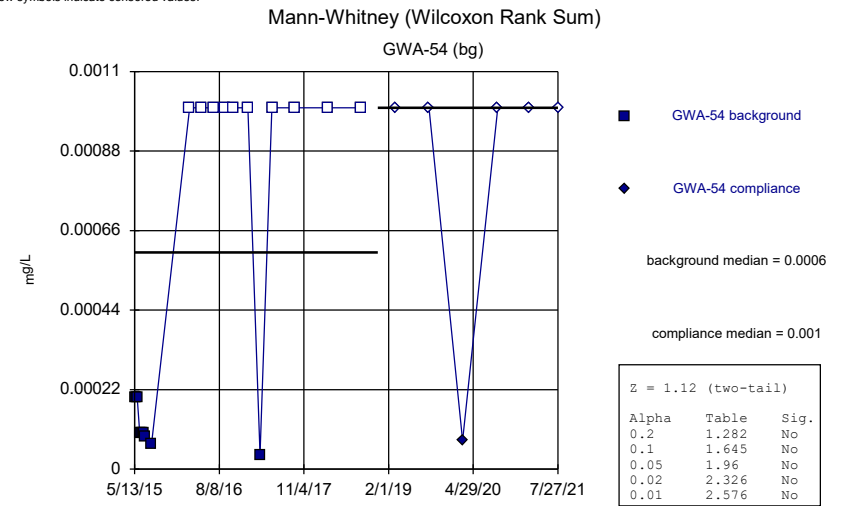
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



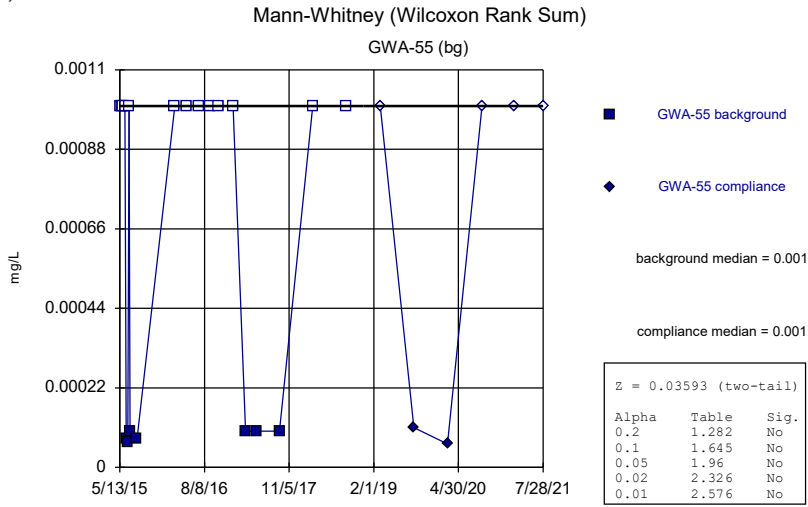
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



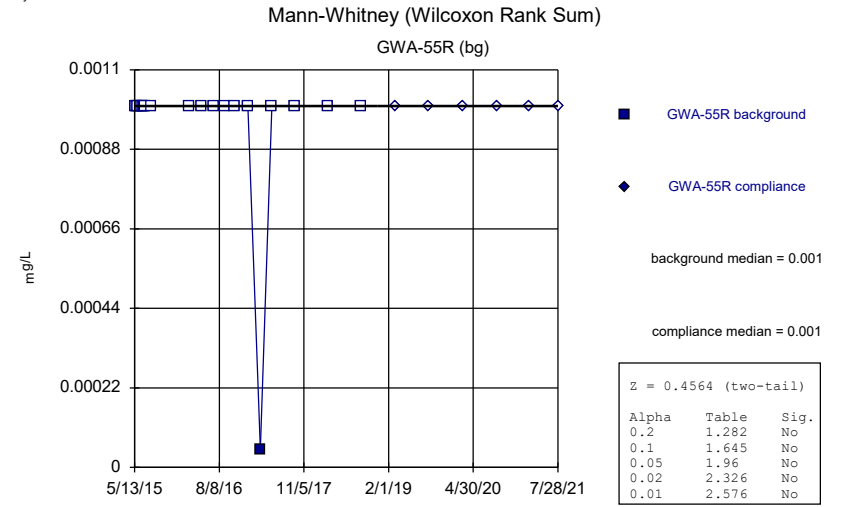
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



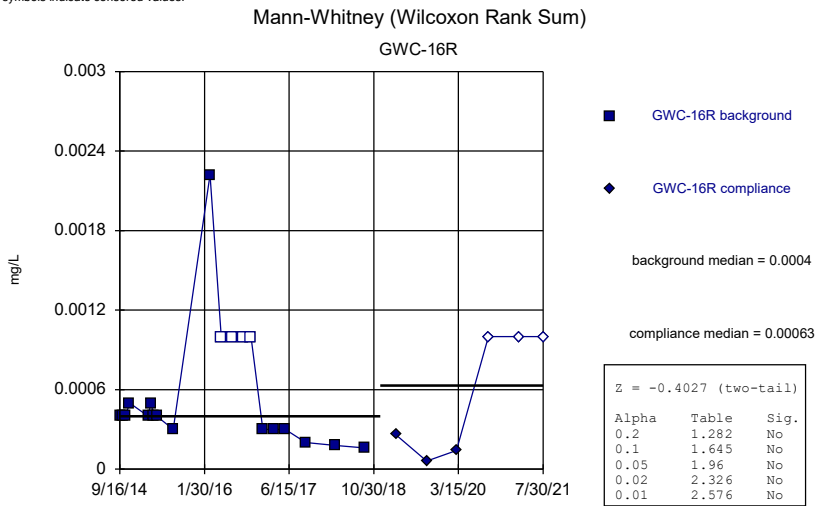
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



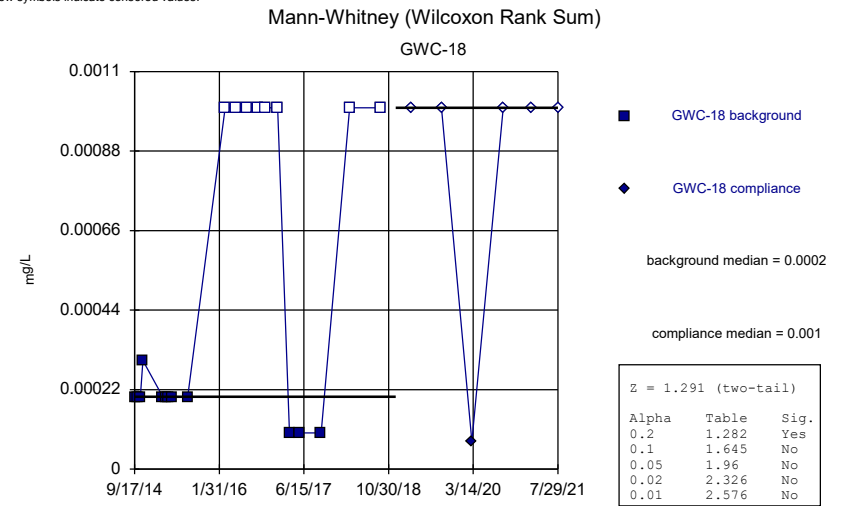
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

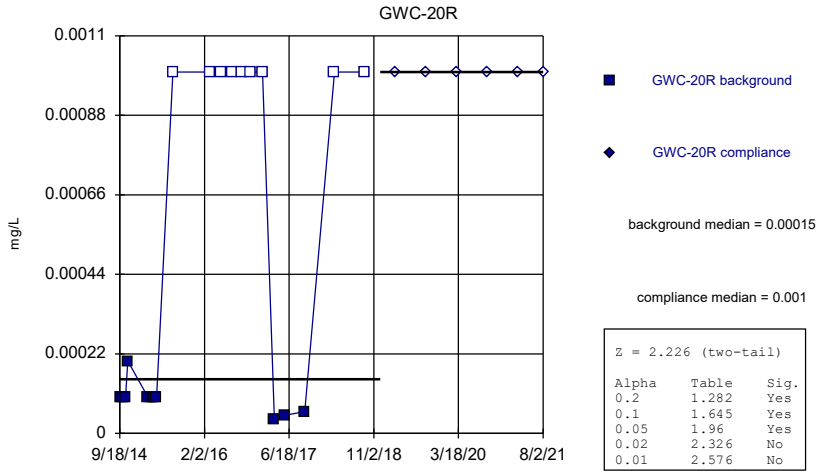


Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



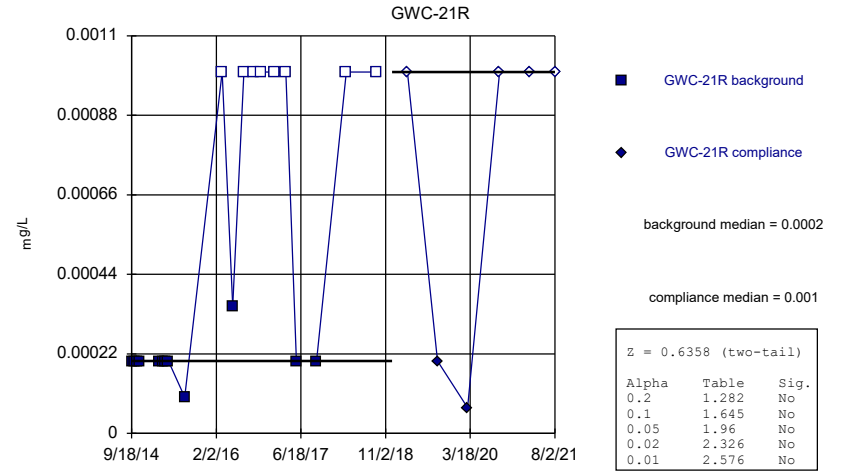
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



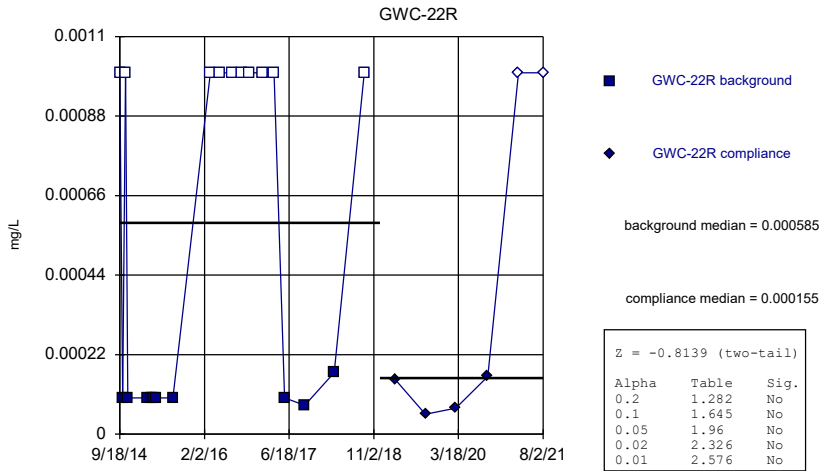
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



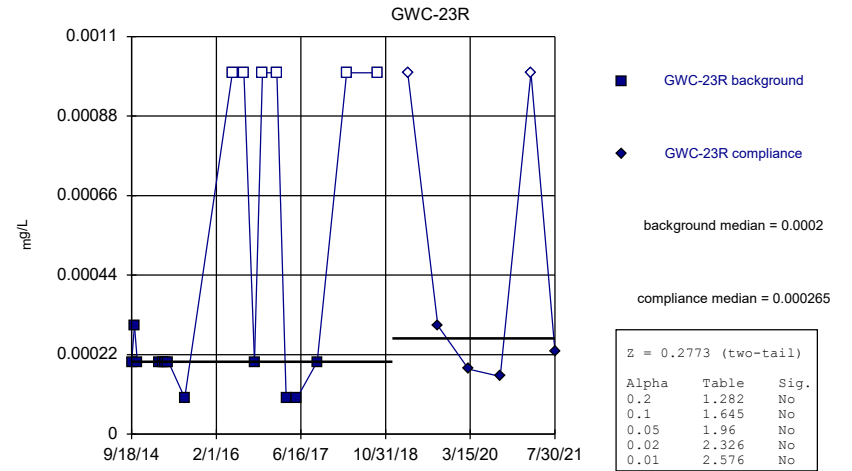
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



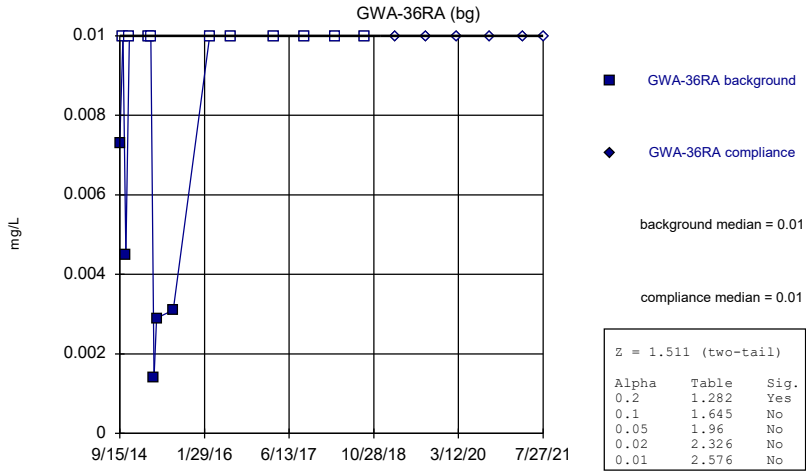
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



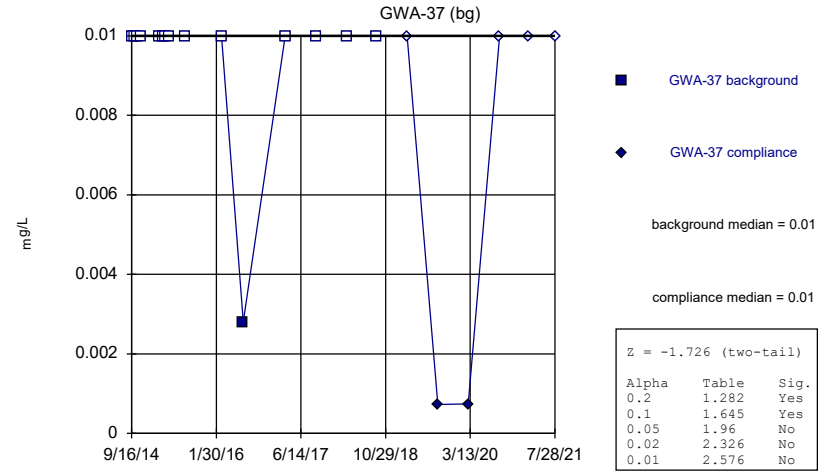
Constituent: Thallium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



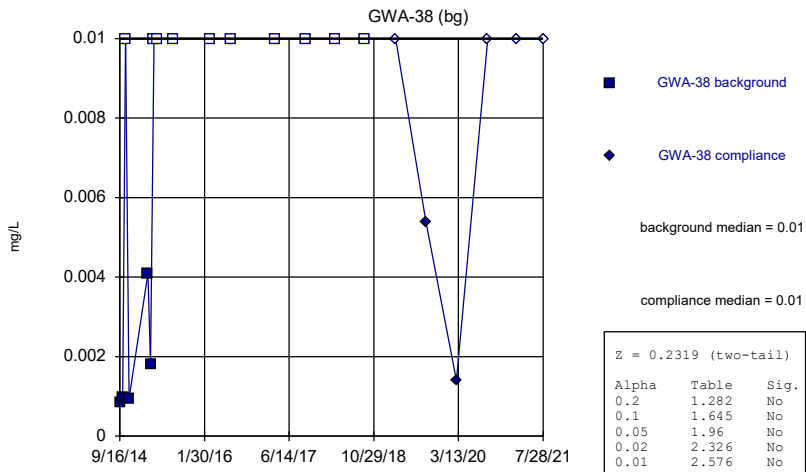
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



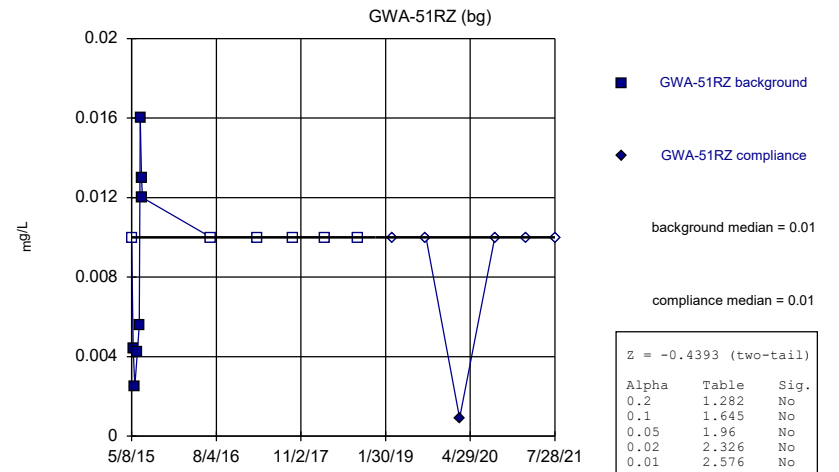
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

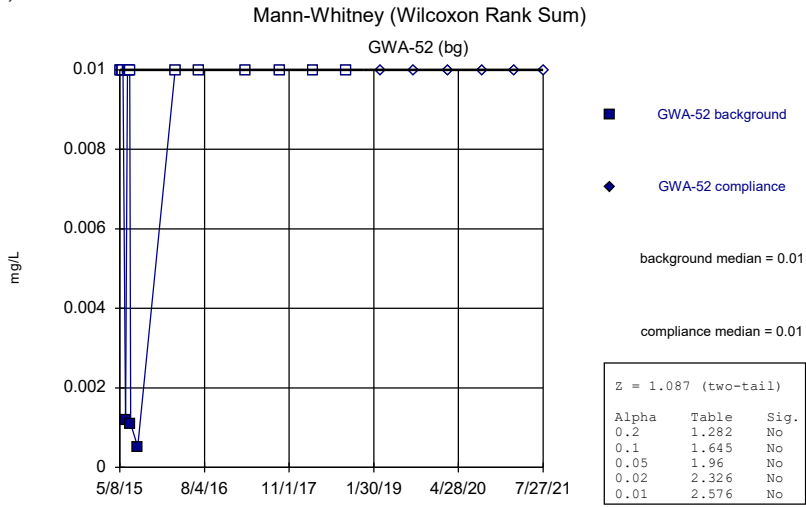


Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

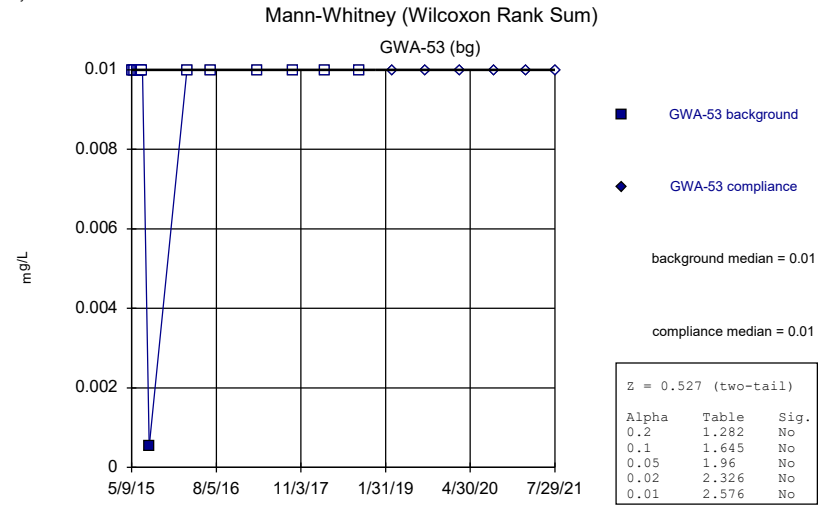
Mann-Whitney (Wilcoxon Rank Sum)



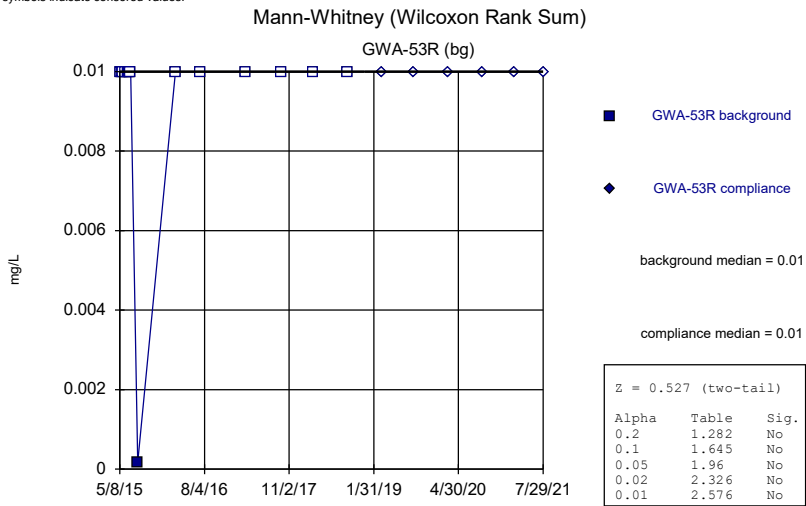
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



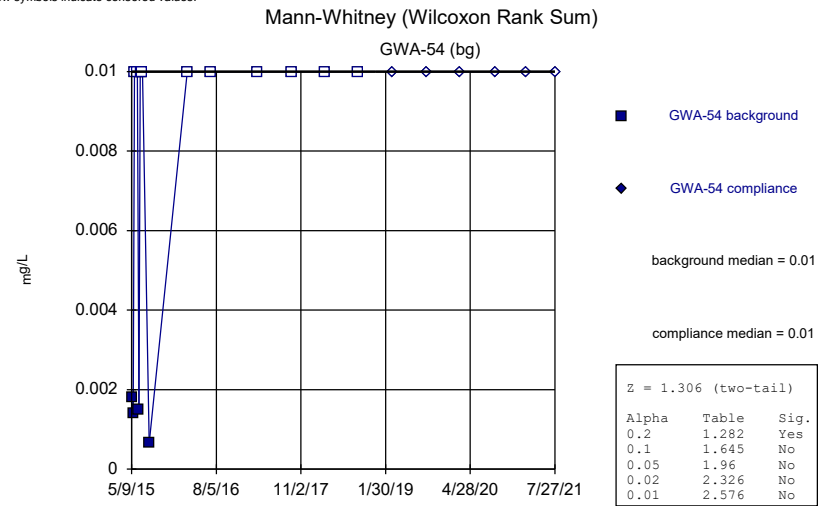
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



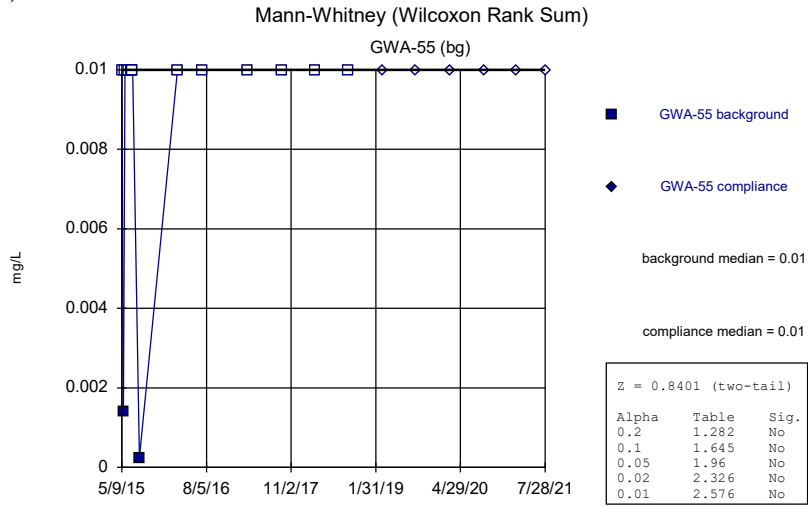
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



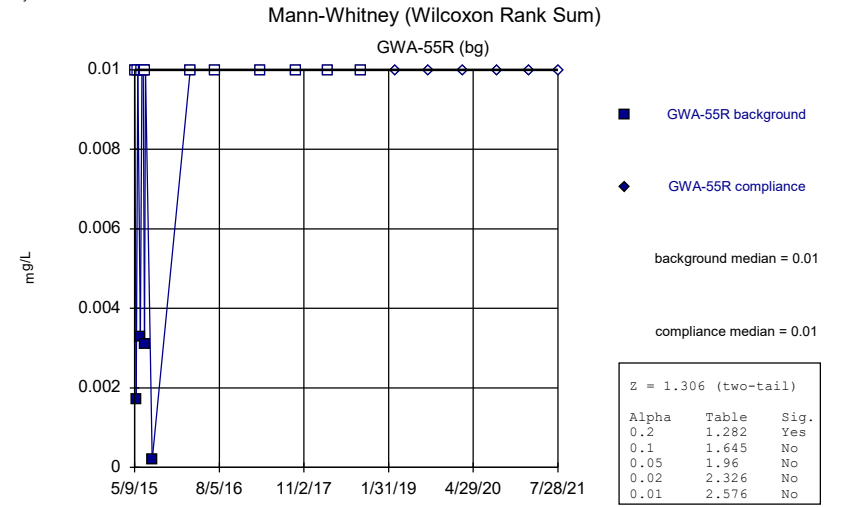
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



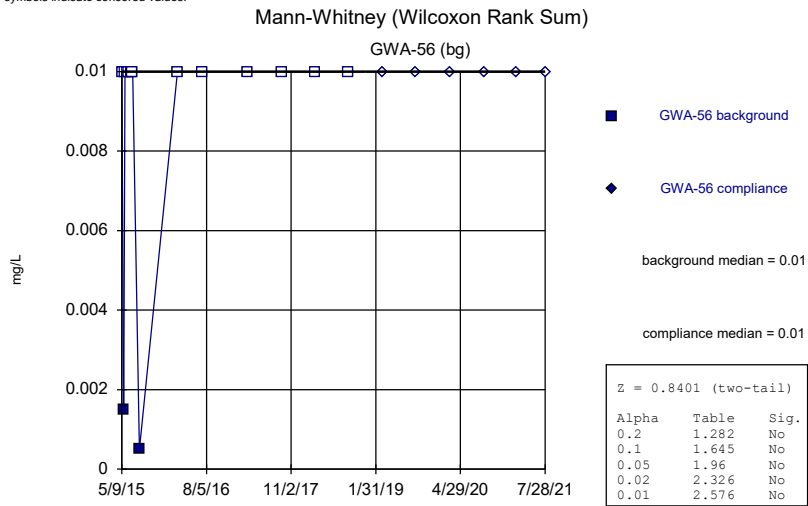
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



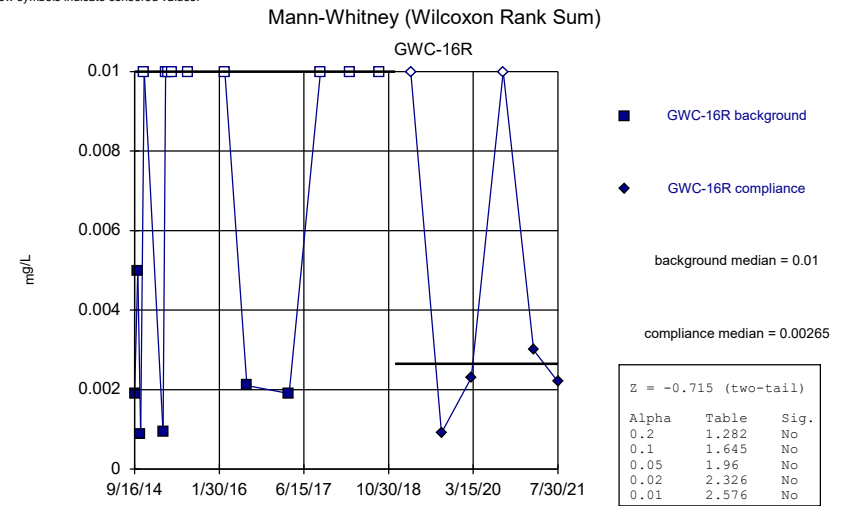
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

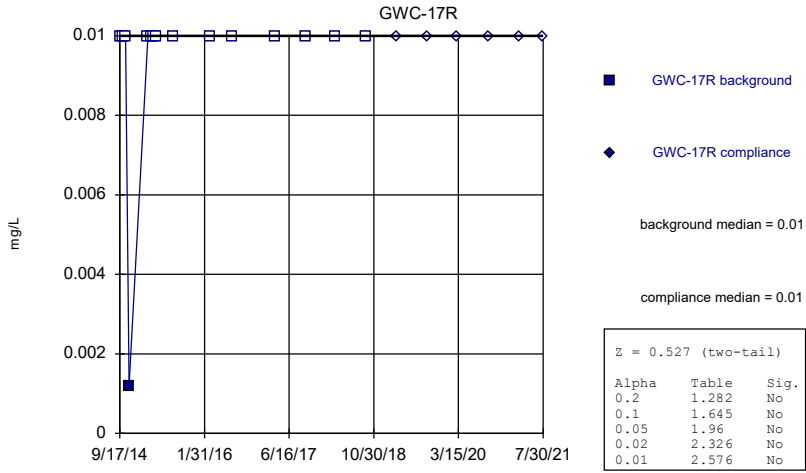


Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



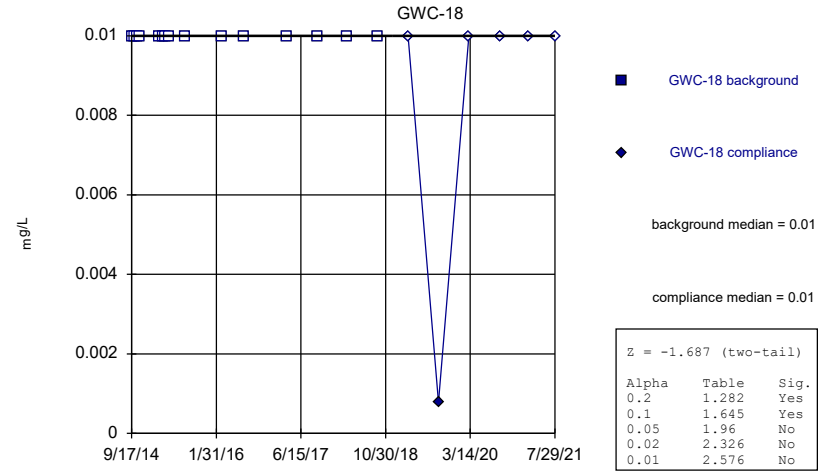
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



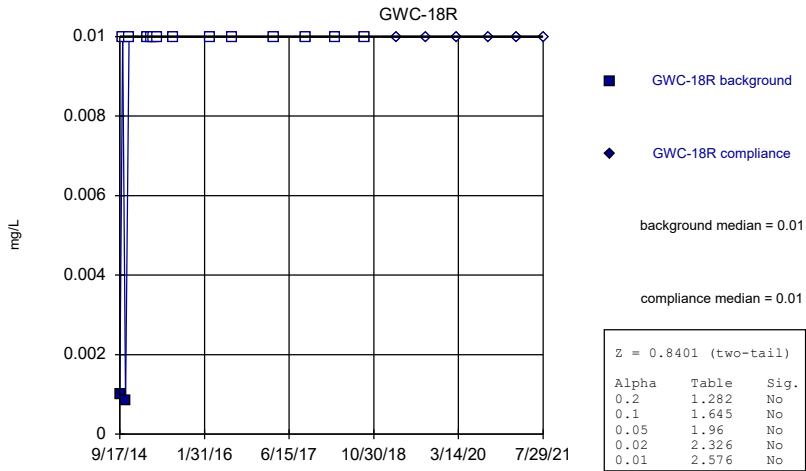
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



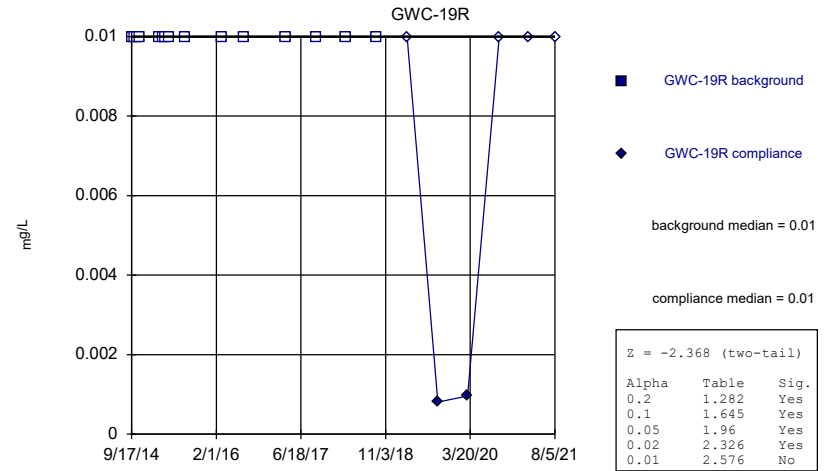
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



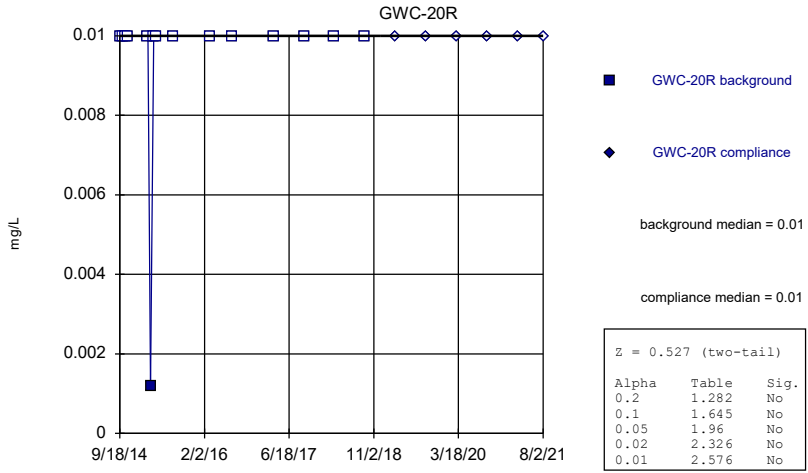
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



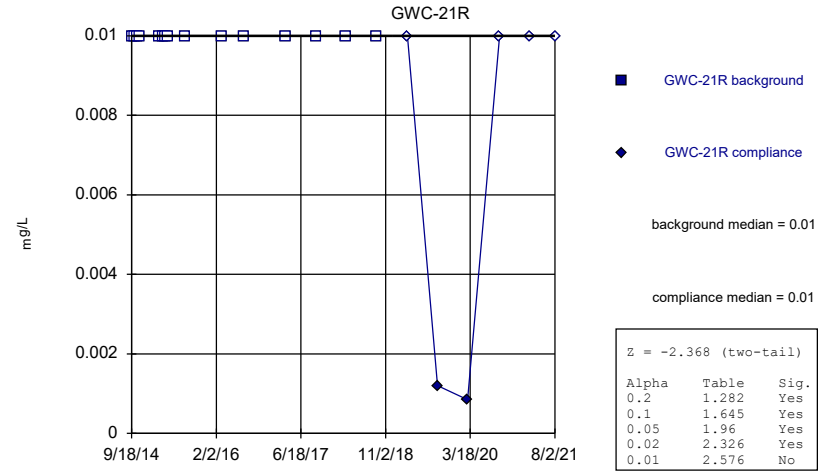
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



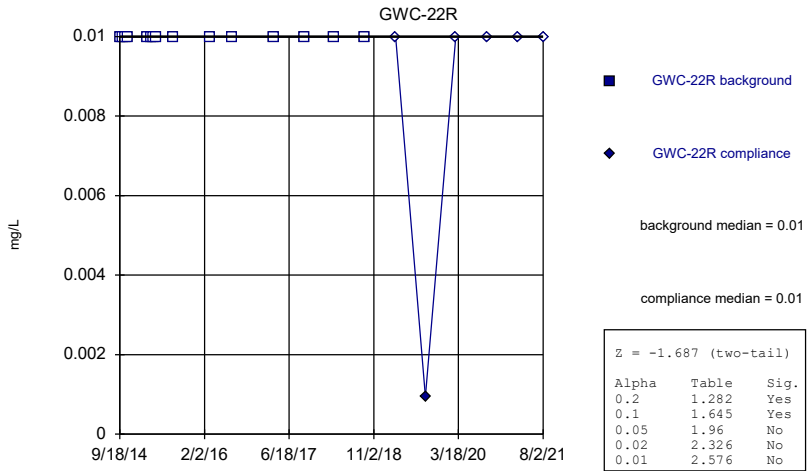
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



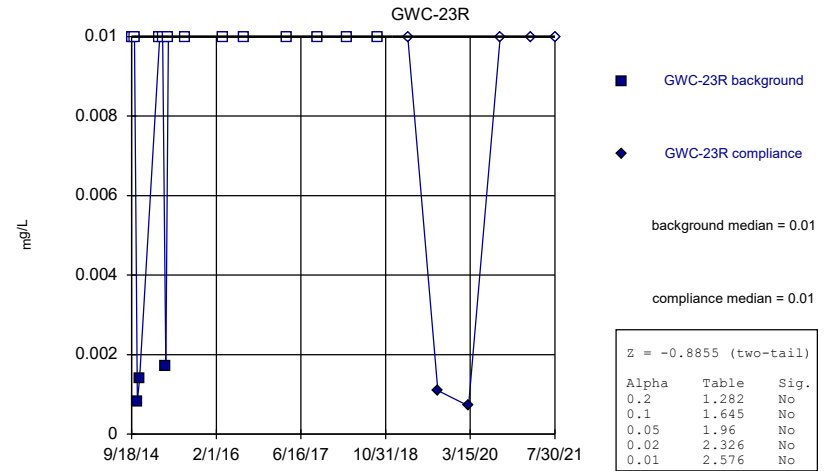
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

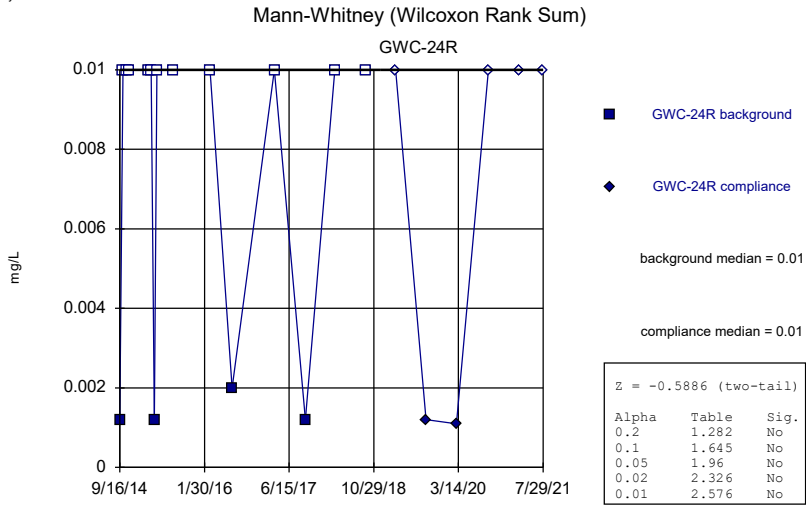


Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

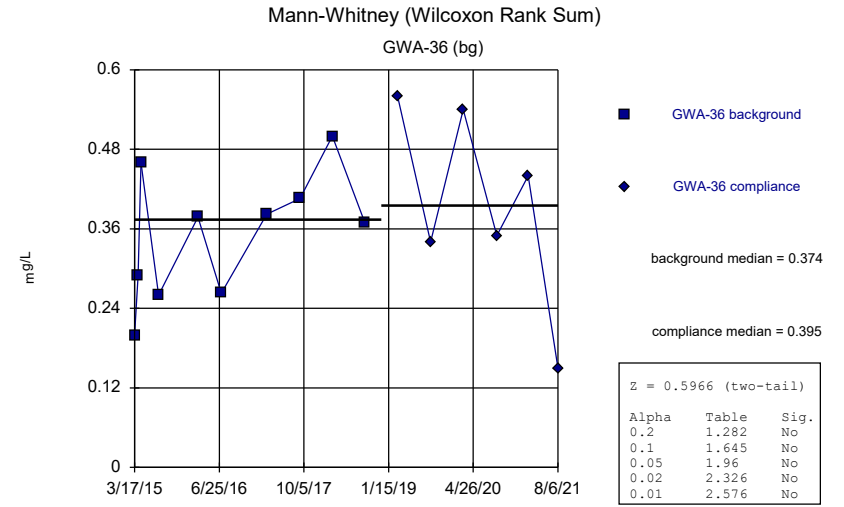
Mann-Whitney (Wilcoxon Rank Sum)



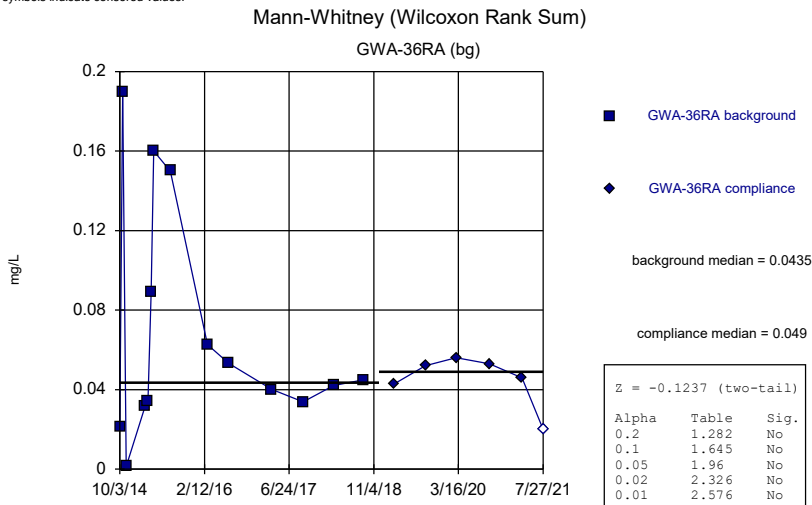
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



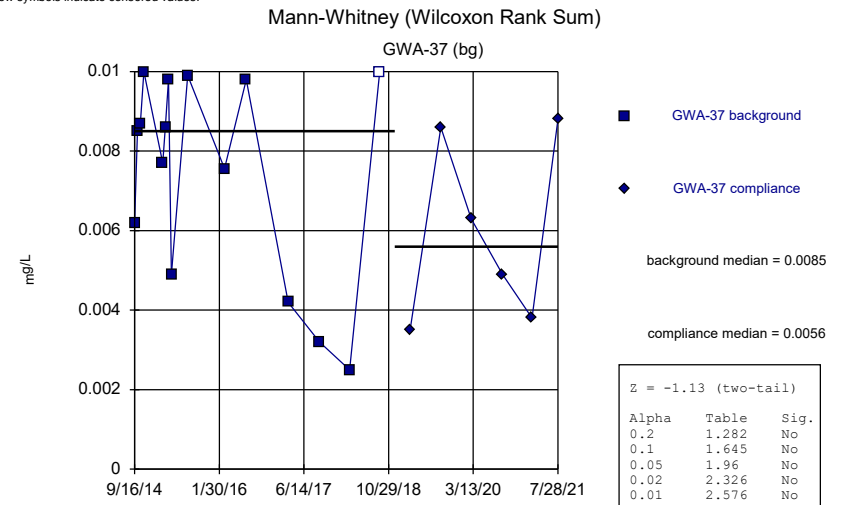
Constituent: Vanadium Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



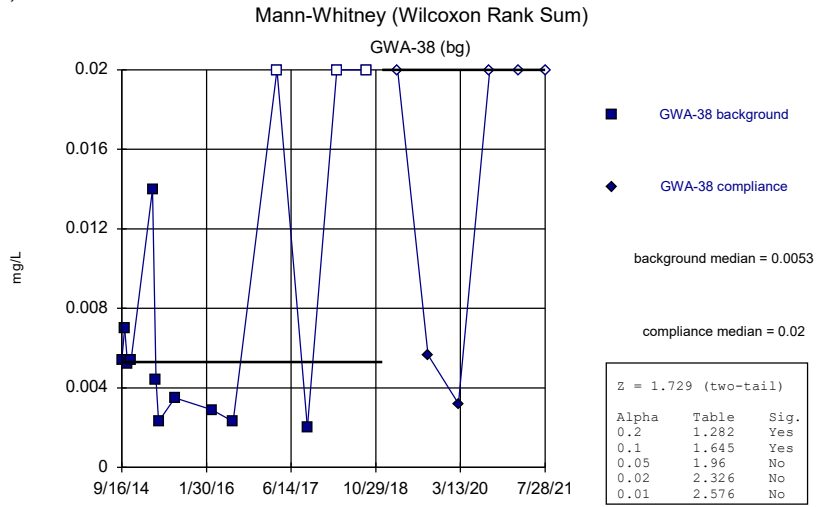
Constituent: Zinc Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



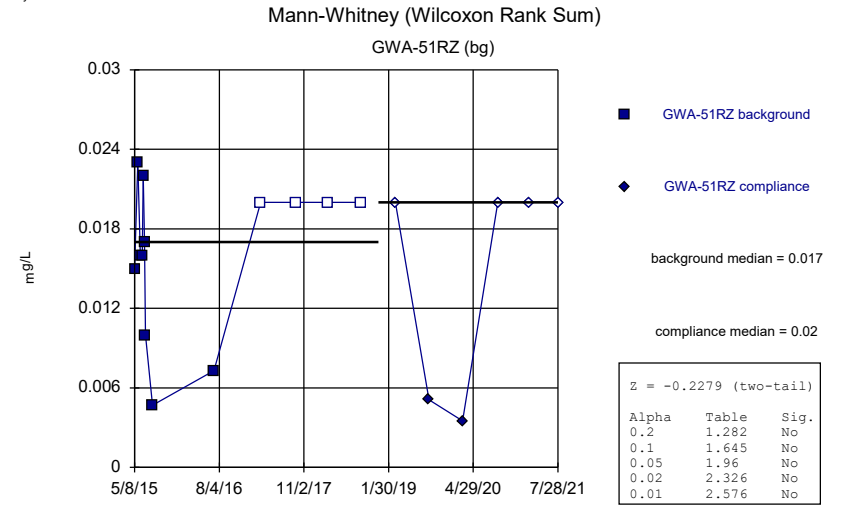
Constituent: Zinc Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



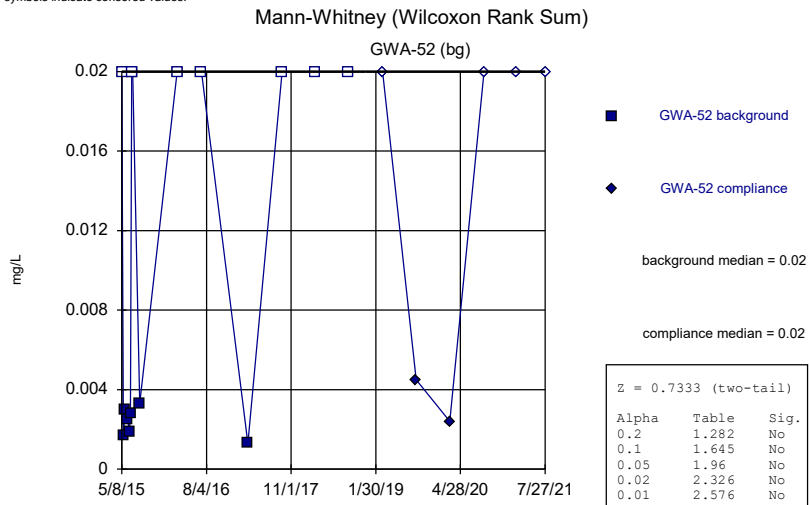
Constituent: Zinc Analysis Run 3/29/2022 10:33 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



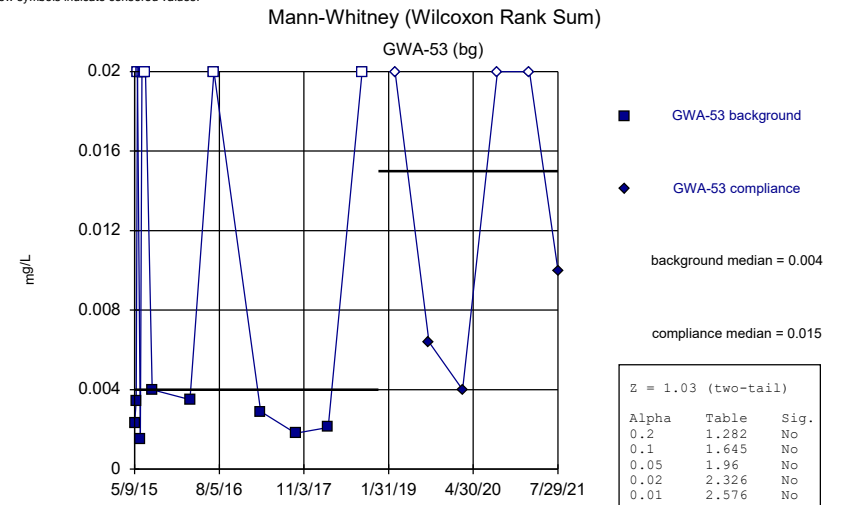
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



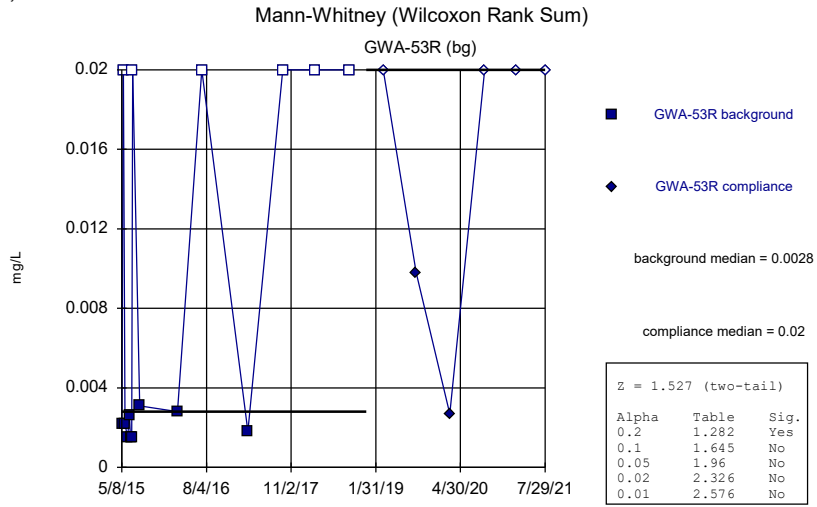
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



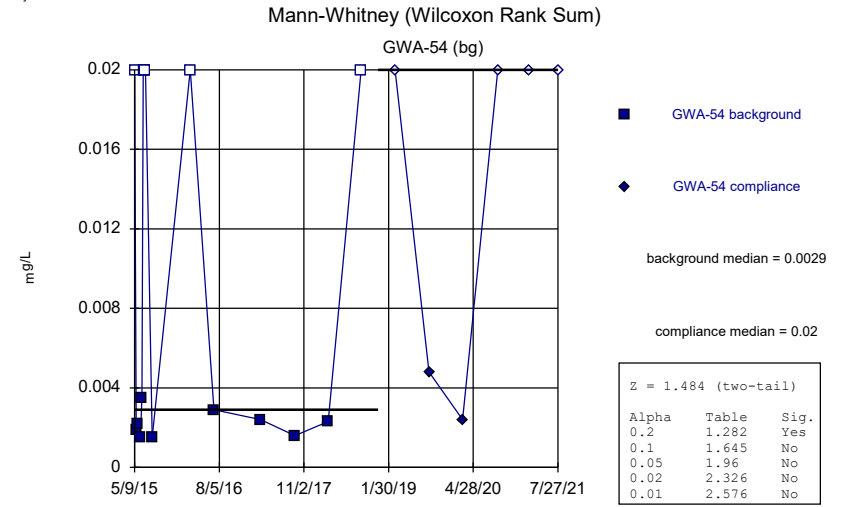
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



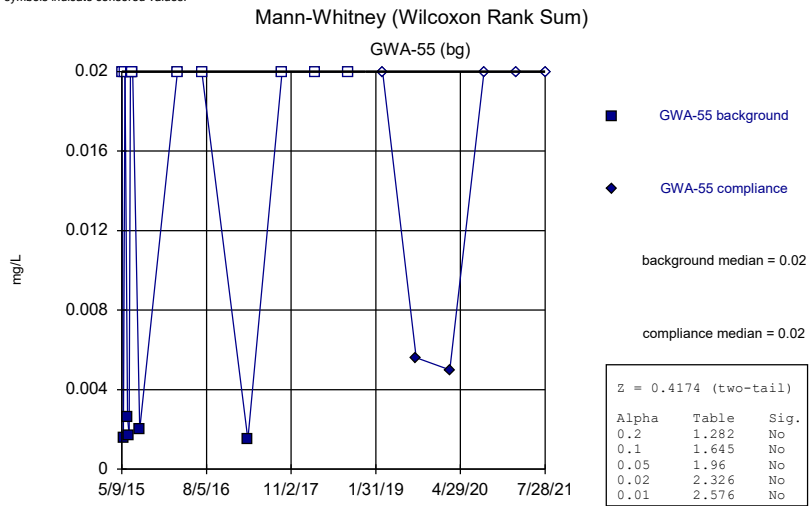
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



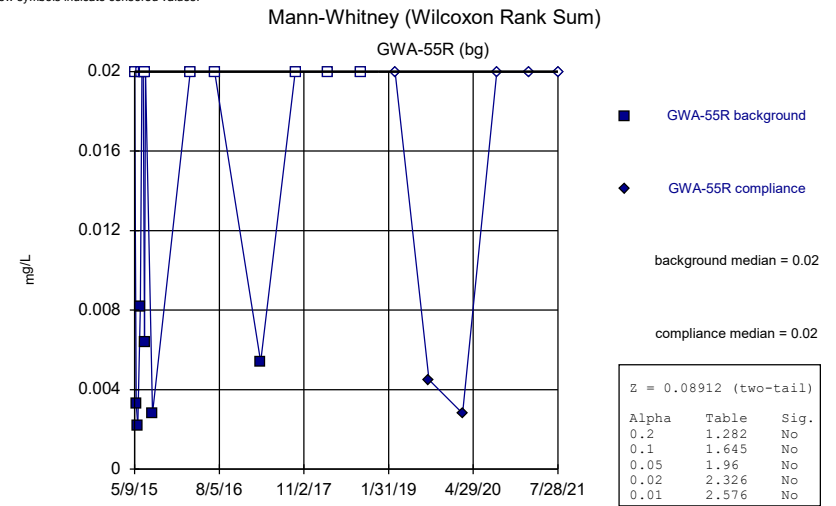
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



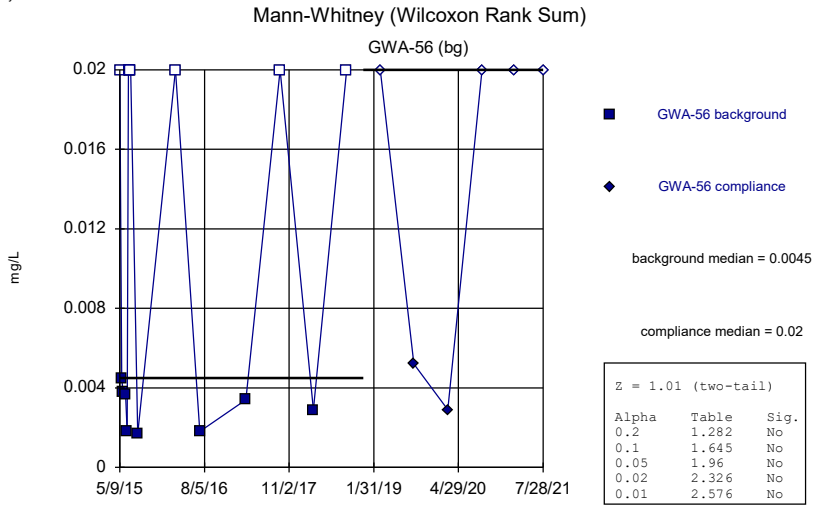
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



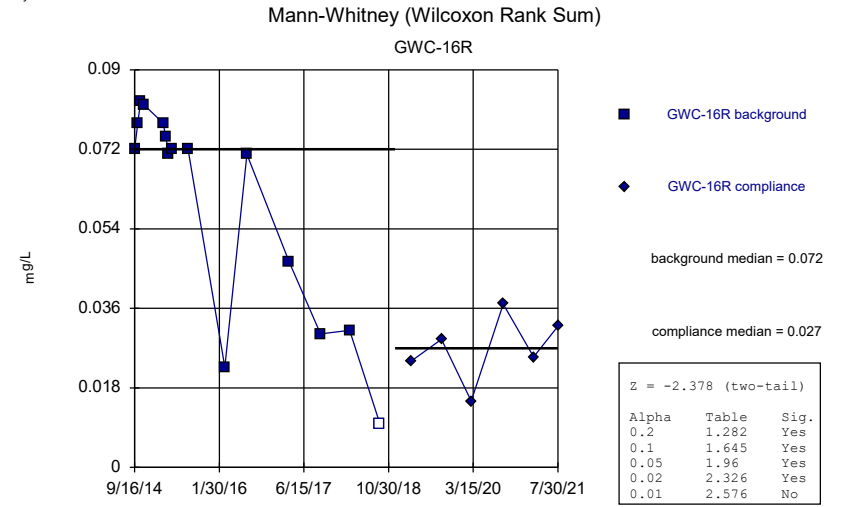
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



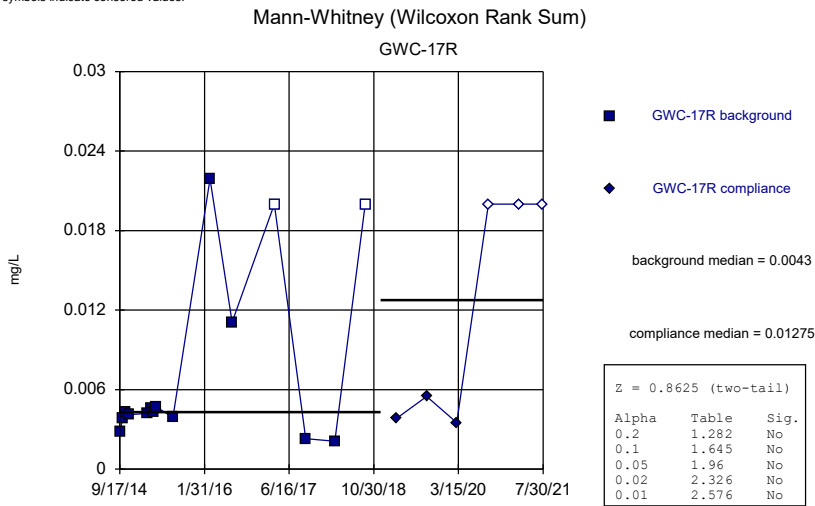
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



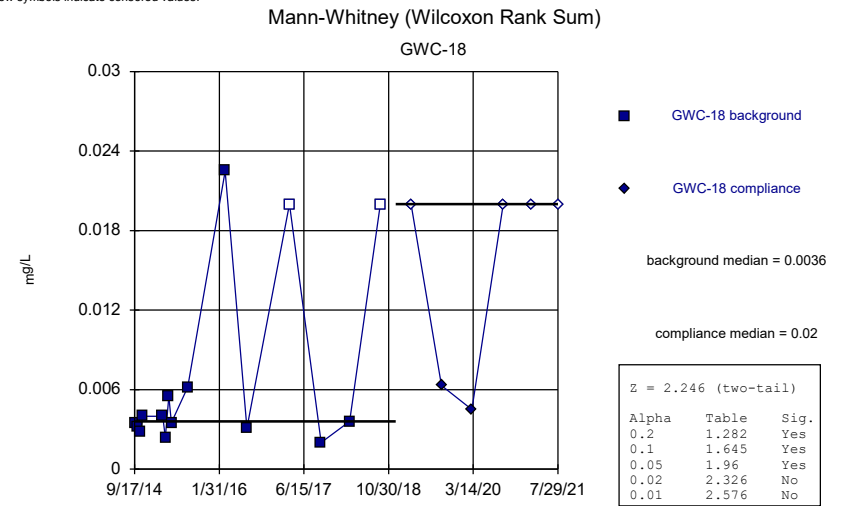
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

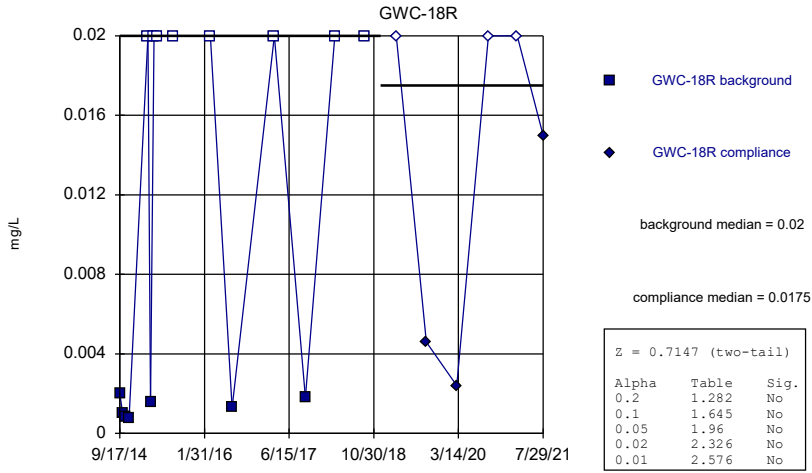


Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



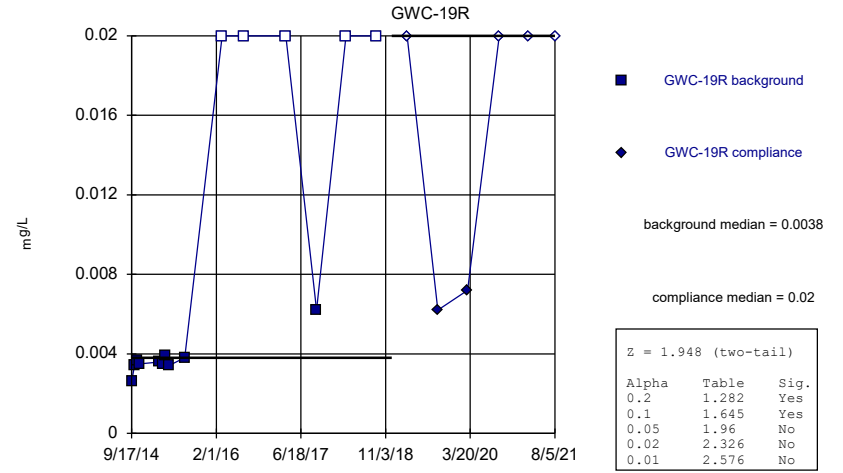
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



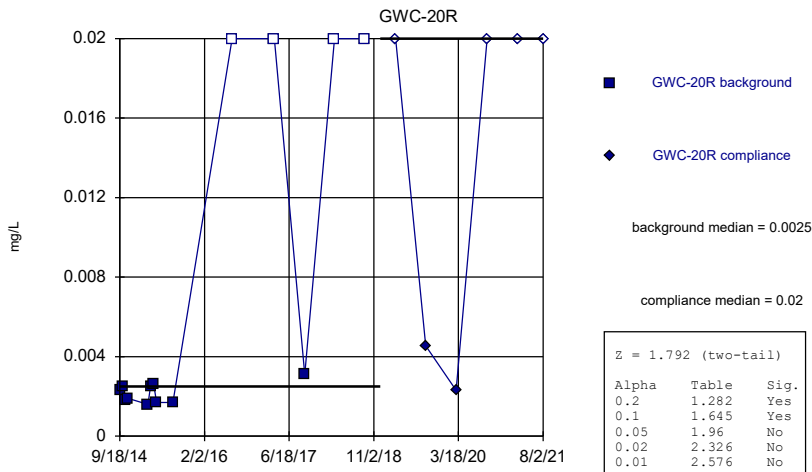
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



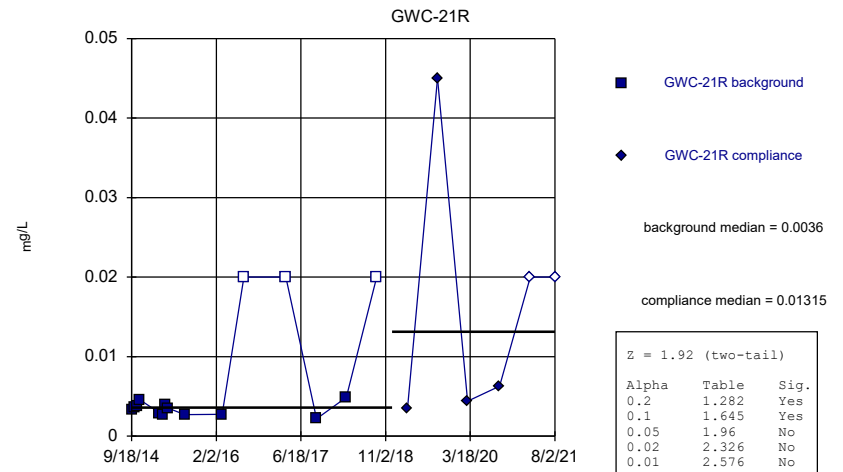
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



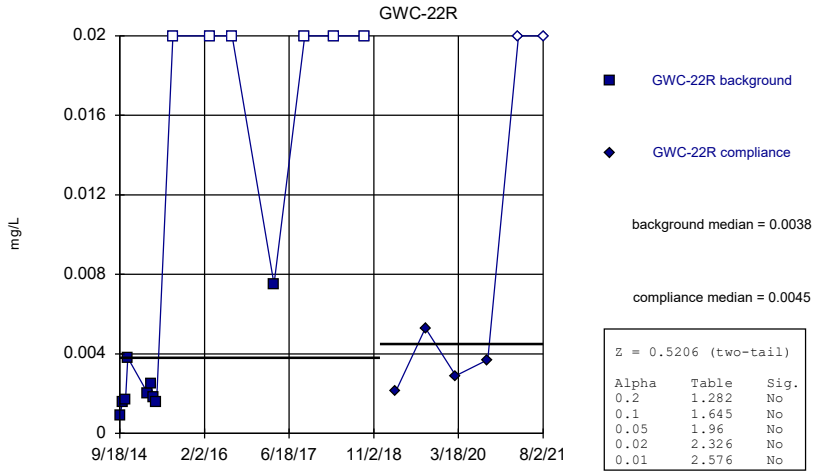
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



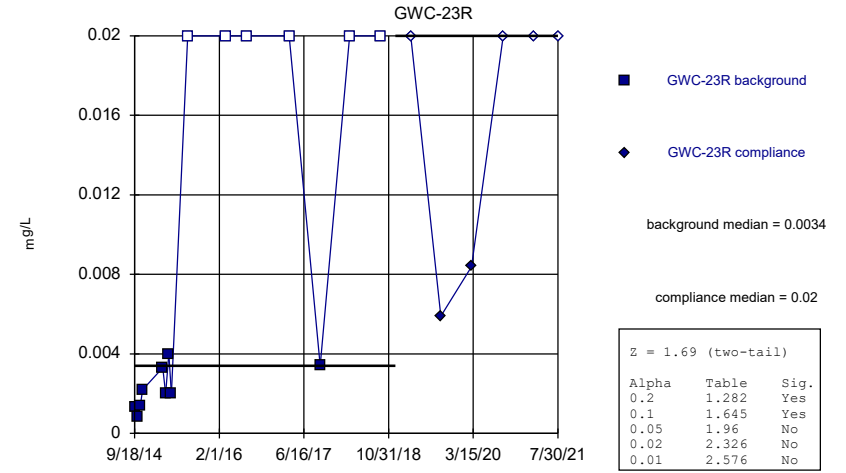
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



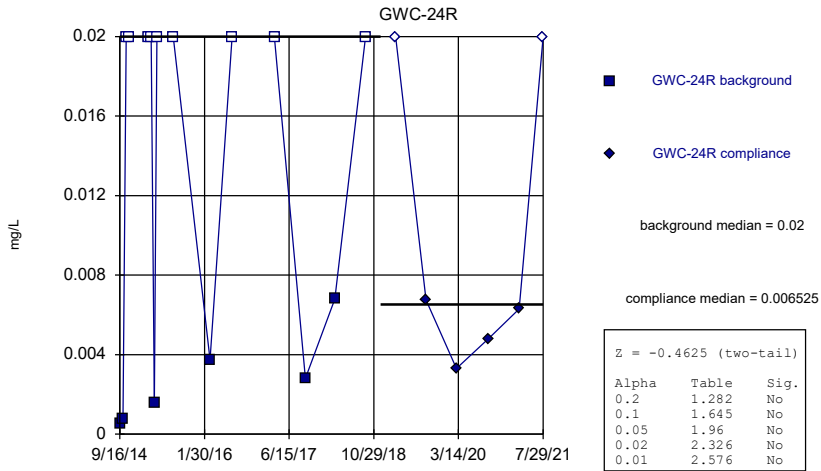
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



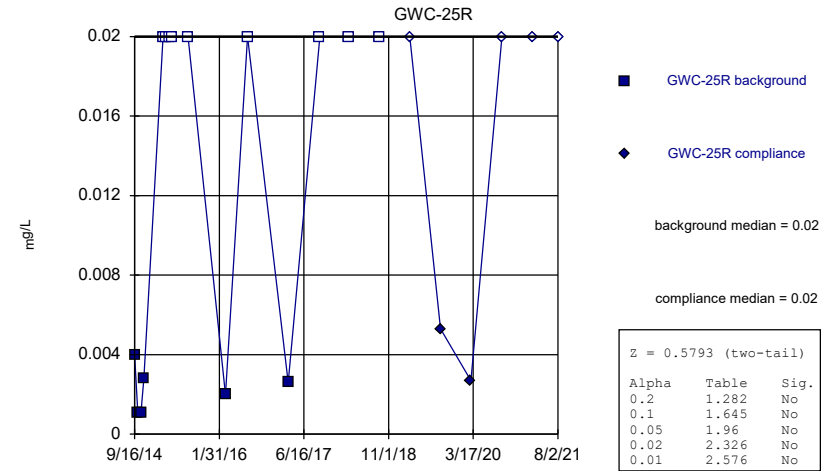
Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Zinc Analysis Run 3/29/2022 10:34 AM View: AI
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

FIGURE E.

Mann Whitney - Intrawell Appendix III - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:15 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Chloride (mg/L)	GWA-51RZ (bg)	-2.788	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-53 (bg)	-2.701	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-53R (bg)	-2.588	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-16R	-2.667	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-17R	-2.843	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-22R	-2.922	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-25R	-2.624	Yes	Yes	Mann-W
pH (pH units)	GWC-22R	-2.603	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-53 (bg)	-2.868	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-53R (bg)	-2.796	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-54 (bg)	-3.004	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-18R	-2.871	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-22R	-2.93	Yes	Yes	Mann-W
Total Dissolved Solids (mg/l)	GWC-17R	-2.776	Yes	Yes	Mann-W

Mann Whitney - Intrawell Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:15 PM

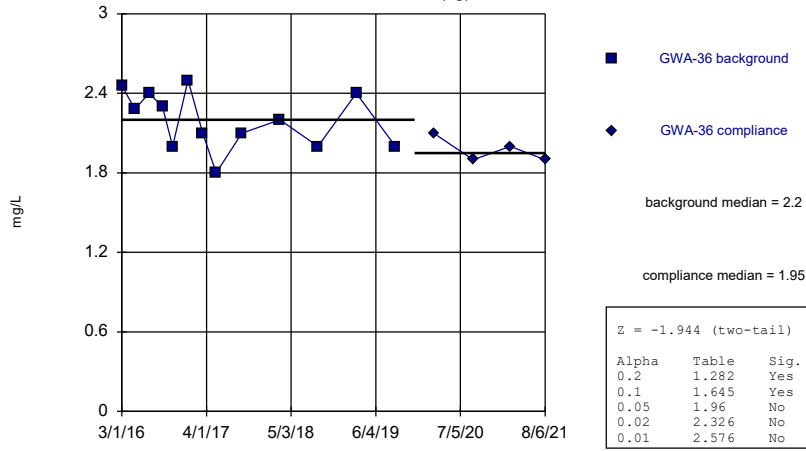
Constituent	Well	Calc.	0.01	Sig.	Method
Chloride (mg/L)	GWA-36 (bg)	-1.944	No	No	Mann-W
Chloride (mg/L)	GWA-36RA (bg)	-2.052	No	No	Mann-W
Chloride (mg/L)	GWA-37 (bg)	-2.216	No	No	Mann-W
Chloride (mg/L)	GWA-38 (bg)	2.287	No	No	Mann-W
Chloride (mg/L)	GWA-51RZ (bg)	-2.788	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-52 (bg)	1.421	No	No	Mann-W
Chloride (mg/L)	GWA-53 (bg)	-2.701	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-53R (bg)	-2.588	Yes	Yes	Mann-W
Chloride (mg/L)	GWA-54 (bg)	-1.702	No	No	Mann-W
Chloride (mg/L)	GWA-55 (bg)	0.6887	No	No	Mann-W
Chloride (mg/L)	GWA-55R (bg)	0.1139	No	No	Mann-W
Chloride (mg/L)	GWA-56 (bg)	-2.154	No	No	Mann-W
Chloride (mg/L)	GWC-16R	-2.667	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-17R	-2.843	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-18	0.5165	No	No	Mann-W
Chloride (mg/L)	GWC-18R	-1.446	No	No	Mann-W
Chloride (mg/L)	GWC-19R	-0.05725	No	No	Mann-W
Chloride (mg/L)	GWC-20R	-0.8582	No	No	Mann-W
Chloride (mg/L)	GWC-21R	1.025	No	No	Mann-W
Chloride (mg/L)	GWC-22R	-2.922	Yes	Yes	Mann-W
Chloride (mg/L)	GWC-23R	-2.238	No	No	Mann-W
Chloride (mg/L)	GWC-24R	-2.052	No	No	Mann-W
Chloride (mg/L)	GWC-25R	-2.624	Yes	Yes	Mann-W
pH (pH units)	GWA-36 (bg)	-1.529	No	No	Mann-W
pH (pH units)	GWA-36RA (bg)	-1.304	No	No	Mann-W
pH (pH units)	GWA-37 (bg)	-1.868	No	No	Mann-W
pH (pH units)	GWA-38 (bg)	-1.415	No	No	Mann-W
pH (pH units)	GWA-51RZ (bg)	0.2127	No	No	Mann-W
pH (pH units)	GWA-52 (bg)	-0.1134	No	No	Mann-W
pH (pH units)	GWA-53 (bg)	-1.869	No	No	Mann-W
pH (pH units)	GWA-53R (bg)	-2.162	No	No	Mann-W
pH (pH units)	GWA-54 (bg)	-1.134	No	No	Mann-W
pH (pH units)	GWA-55 (bg)	-2.384	No	No	Mann-W
pH (pH units)	GWA-55R (bg)	-1.762	No	No	Mann-W
pH (pH units)	GWA-56 (bg)	-1.86	No	No	Mann-W
pH (pH units)	GWC-16R	0.1703	No	No	Mann-W
pH (pH units)	GWC-17R	1.538	No	No	Mann-W
pH (pH units)	GWC-18	0.2836	No	No	Mann-W
pH (pH units)	GWC-18R	0.1702	No	No	Mann-W
pH (pH units)	GWC-19R	-1.421	No	No	Mann-W
pH (pH units)	GWC-20R	0.2658	No	No	Mann-W
pH (pH units)	GWC-21R	-0.2832	No	No	Mann-W
pH (pH units)	GWC-22R	-2.603	Yes	Yes	Mann-W
pH (pH units)	GWC-23R	-1.627	No	No	Mann-W
pH (pH units)	GWC-24R	0.2834	No	No	Mann-W
pH (pH units)	GWC-25R	0.4557	No	No	Mann-W
Sulfate (mg/L)	GWA-36 (bg)	-2.209	No	No	Mann-W
Sulfate (mg/L)	GWA-36RA (bg)	0.9636	No	No	Mann-W
Sulfate (mg/L)	GWA-37 (bg)	-0.9745	No	No	Mann-W
Sulfate (mg/L)	GWA-38 (bg)	-1.981	No	No	Mann-W
Sulfate (mg/L)	GWA-51RZ (bg)	1.53	No	No	Mann-W
Sulfate (mg/L)	GWA-52 (bg)	1.415	No	No	Mann-W
Sulfate (mg/L)	GWA-53 (bg)	-2.868	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-53R (bg)	-2.796	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-54 (bg)	-3.004	Yes	Yes	Mann-W
Sulfate (mg/L)	GWA-55 (bg)	1.642	No	No	Mann-W
Sulfate (mg/L)	GWA-55R (bg)	1.191	No	No	Mann-W
Sulfate (mg/L)	GWA-56 (bg)	-1.981	No	No	Mann-W
Sulfate (mg/L)	GWC-16R	-0.1698	No	No	Mann-W
Sulfate (mg/L)	GWC-17R	0.06068	No	No	Mann-W
Sulfate (mg/L)	GWC-18	-1.437	No	No	Mann-W
Sulfate (mg/L)	GWC-18R	-2.871	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-19R	0.8691	No	No	Mann-W
Sulfate (mg/L)	GWC-20R	-0.7438	No	No	Mann-W
Sulfate (mg/L)	GWC-21R	2.558	No	No	Mann-W
Sulfate (mg/L)	GWC-22R	-2.93	Yes	Yes	Mann-W
Sulfate (mg/L)	GWC-23R	2.271	No	No	Mann-W
Sulfate (mg/L)	GWC-24R	-1.305	No	No	Mann-W

Mann Whitney - Intrawell Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:15 PM

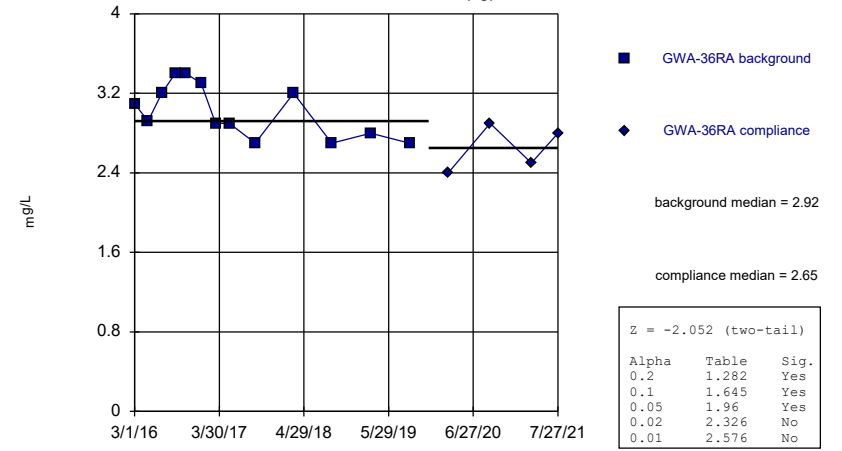
<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>0.01</u>	<u>Sig.</u>	<u>Method</u>
Sulfate (mg/L)	GWC-25R	0.292	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-36 (bg)	-1.756	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-36RA (bg)	0.5098	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-37 (bg)	-0.4658	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-38 (bg)	-1.448	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-51RZ (bg)	-0.1698	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-52 (bg)	0.4247	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-53 (bg)	-0.05672	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-53R (bg)	-0.7303	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-54 (bg)	-1.361	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-55 (bg)	1.529	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-55R (bg)	1.246	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWA-56 (bg)	-1.302	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-16R	0.9075	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-17R	-2.776	Yes	Yes	Mann-W
Total Dissolved Solids (mg/l)	GWC-18	-0.1699	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-18R	-0.7378	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-19R	-1.254	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-20R	-1.53	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-21R	-0.2832	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-22R	-0.1702	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-23R	1.971	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-24R	-1.417	No	No	Mann-W
Total Dissolved Solids (mg/l)	GWC-25R	1.648	No	No	Mann-W

Mann-Whitney (Wilcoxon Rank Sum)
GWA-36 (bg)



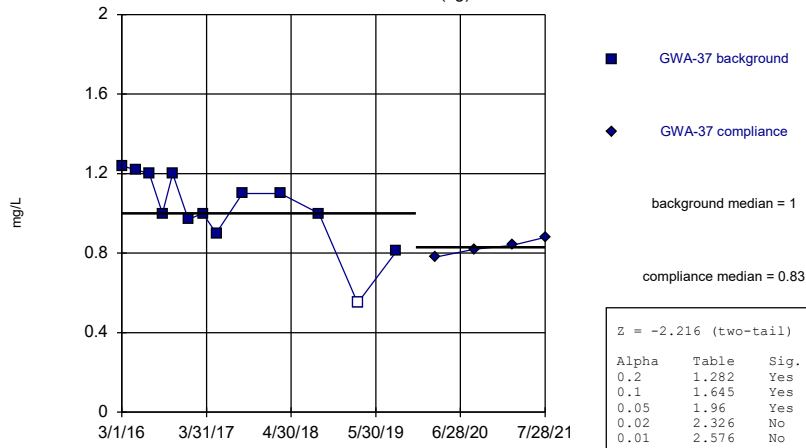
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-36RA (bg)



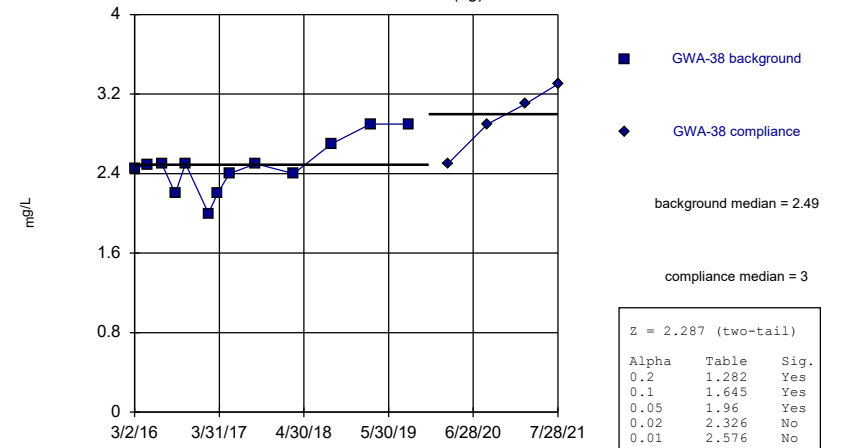
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-37 (bg)



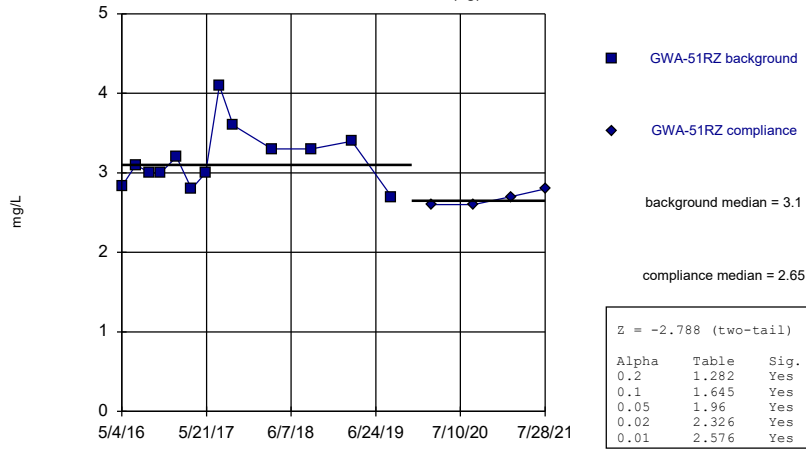
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-38 (bg)



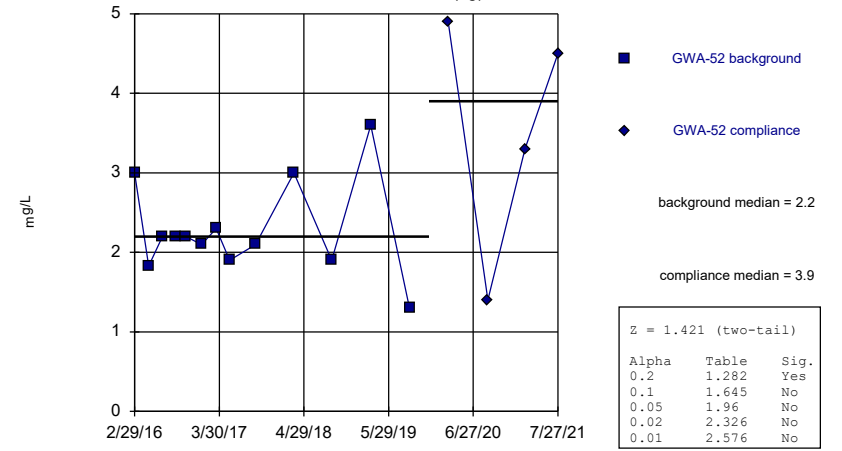
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-51RZ (bg)



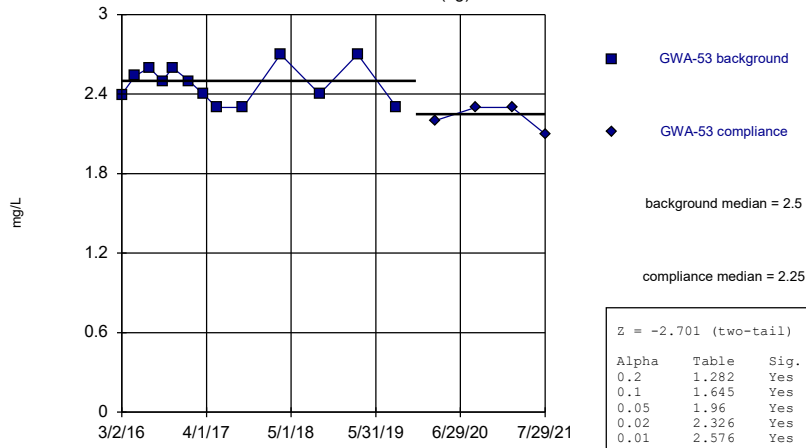
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-52 (bg)



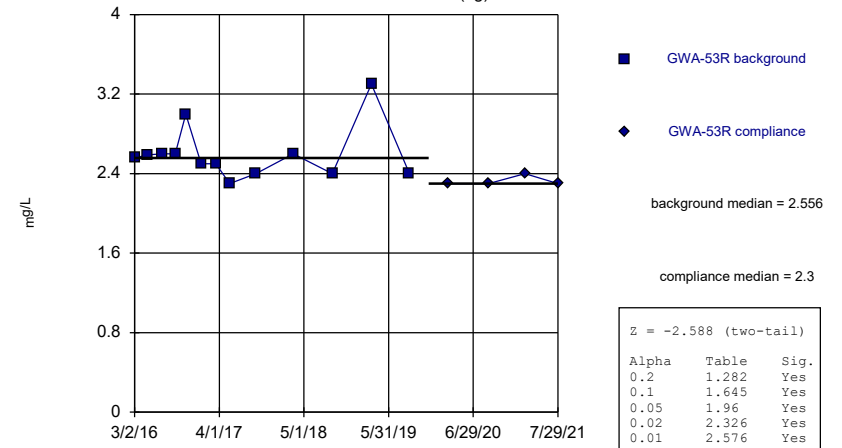
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53 (bg)



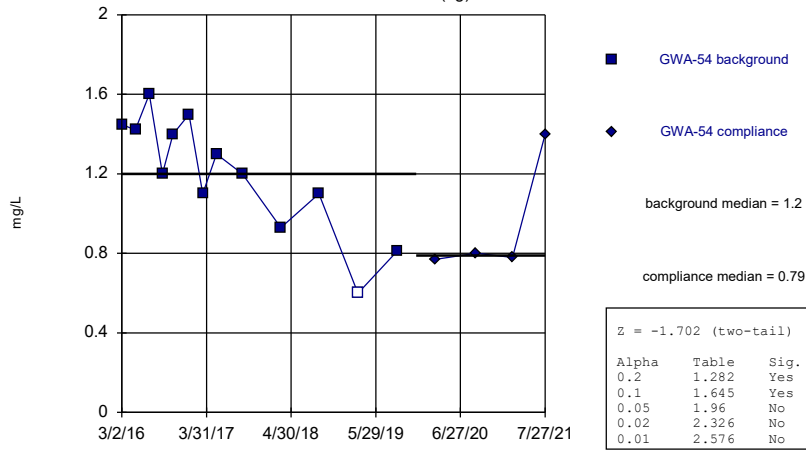
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53R (bg)



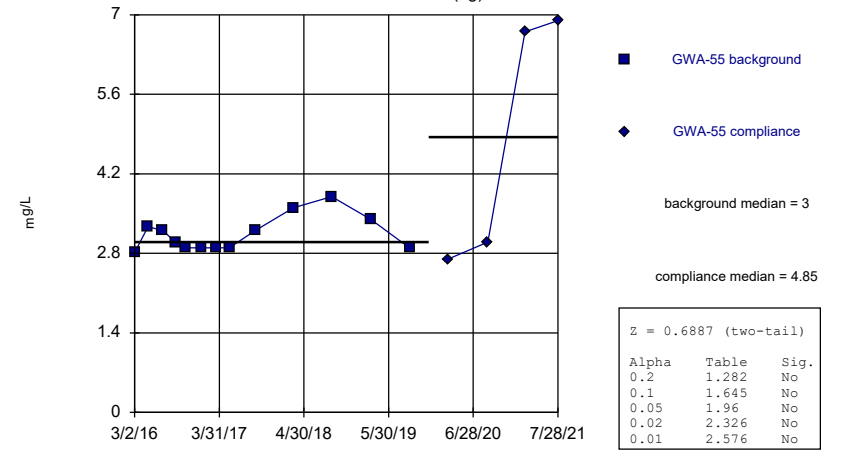
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-54 (bg)



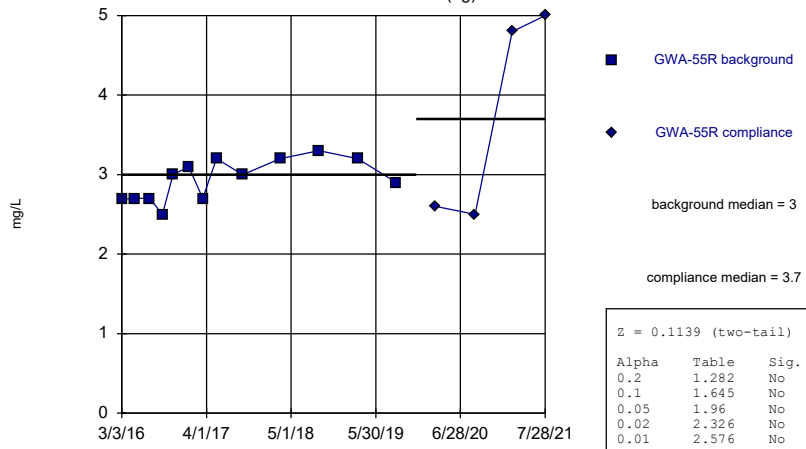
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55 (bg)



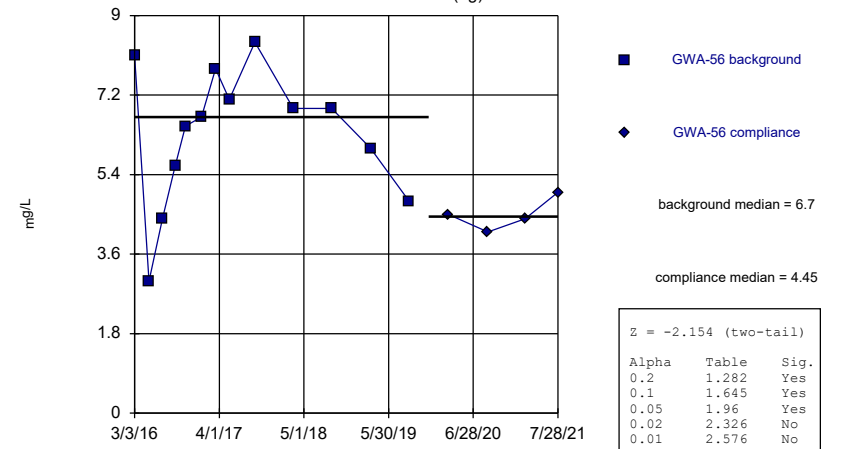
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55R (bg)



Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

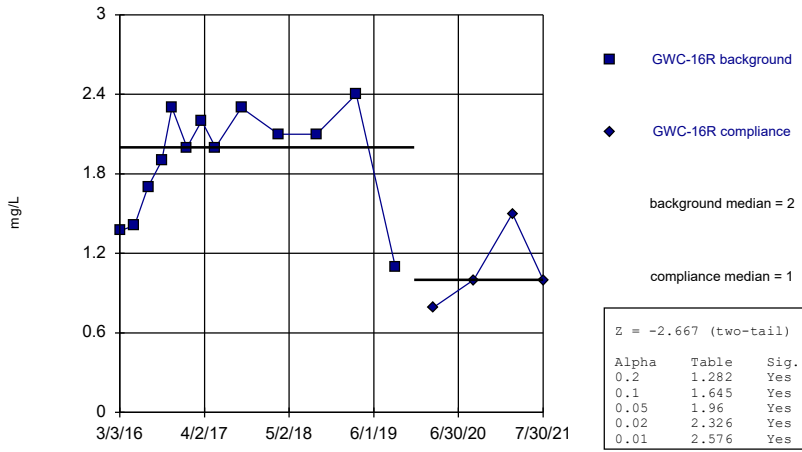
Mann-Whitney (Wilcoxon Rank Sum)
GWA-56 (bg)



Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

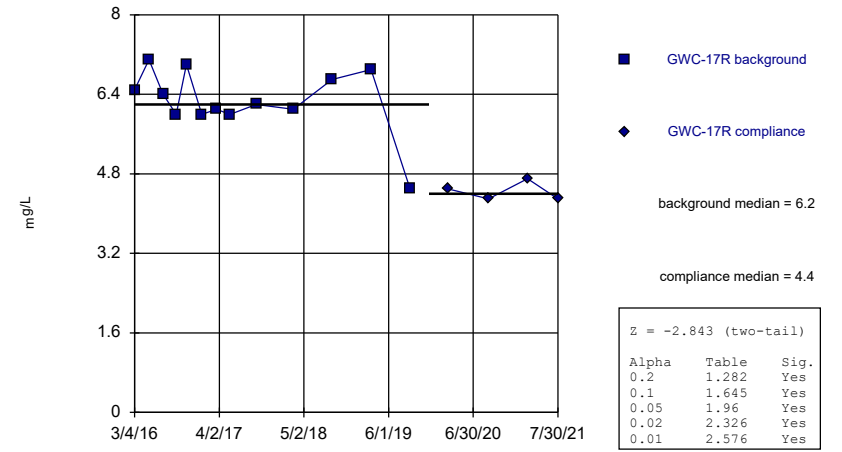
GWC-16R



Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

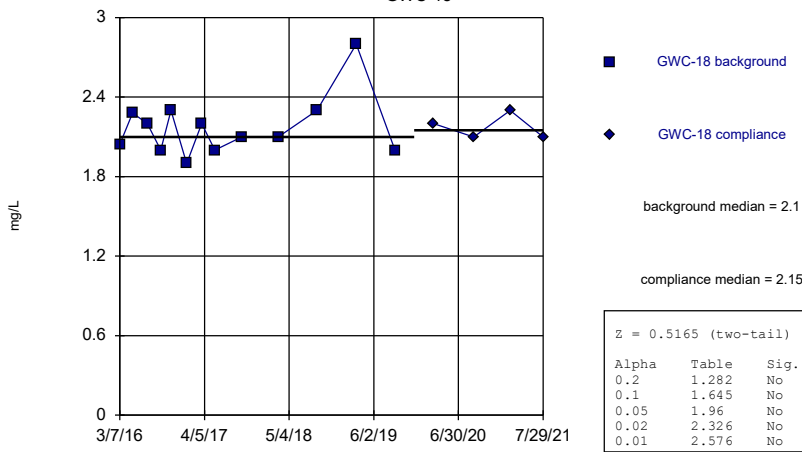
GWC-17R



Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

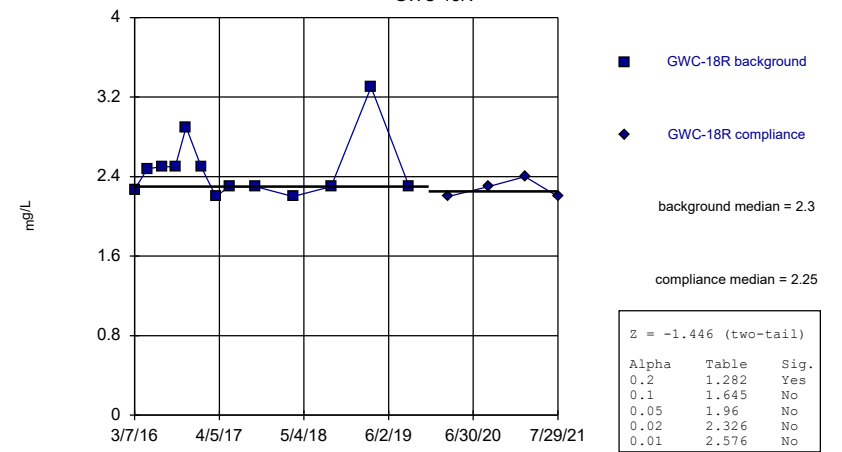
GWC-18



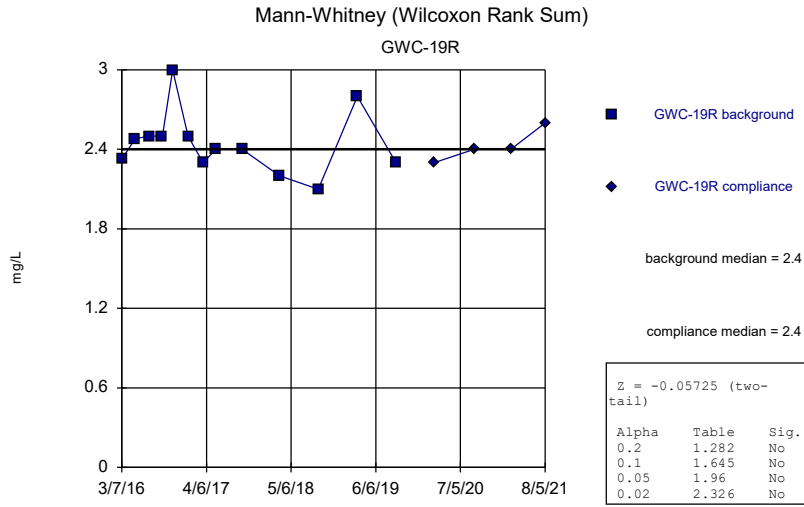
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

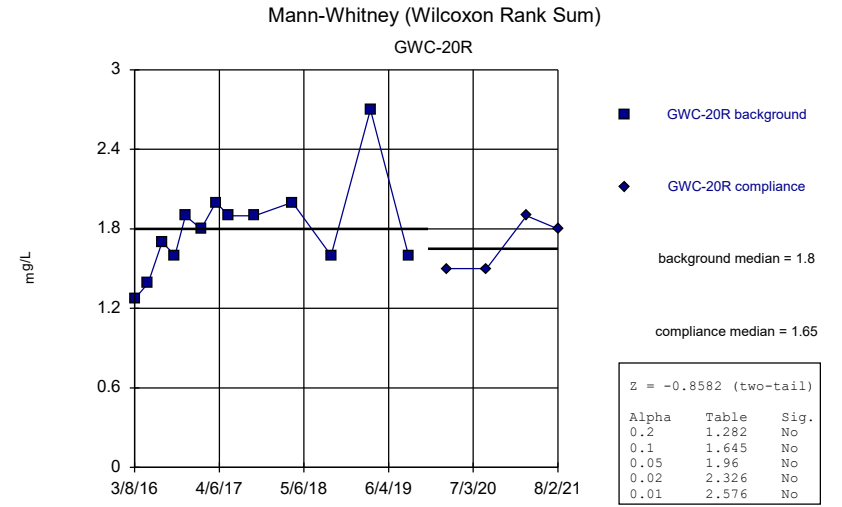
GWC-18R



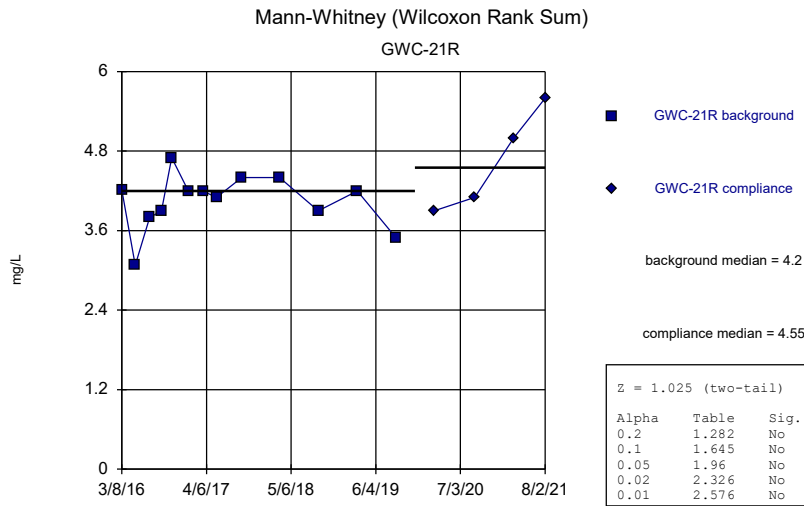
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



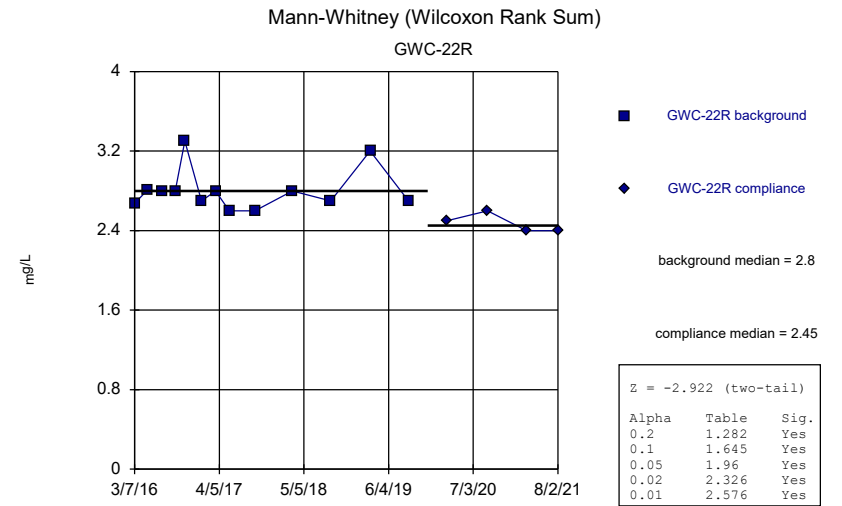
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



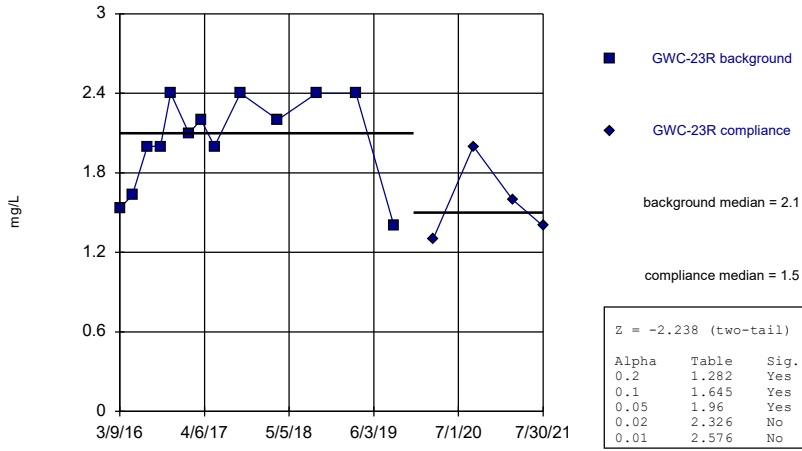
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

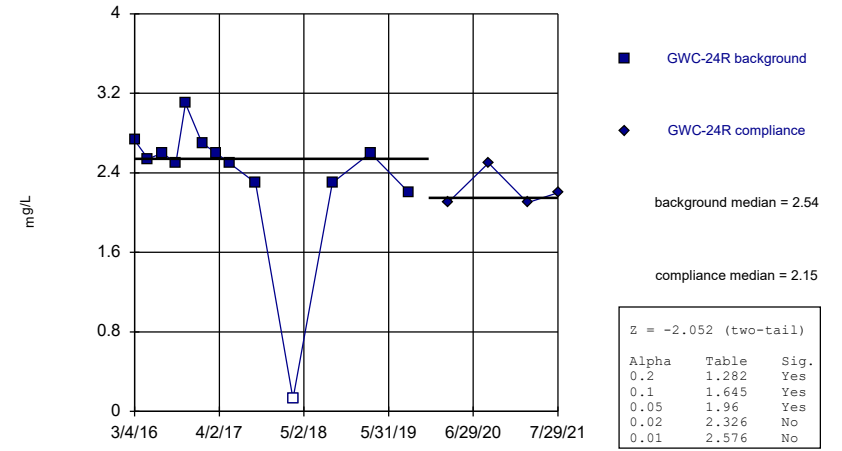
GWC-23R



Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

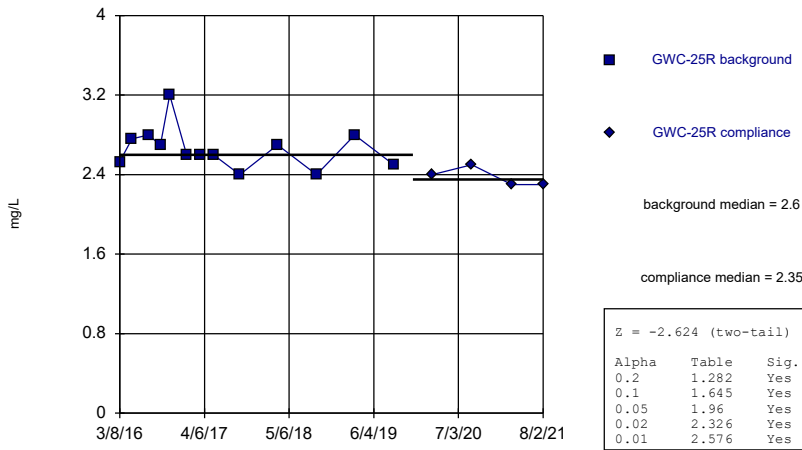
GWC-24R



Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

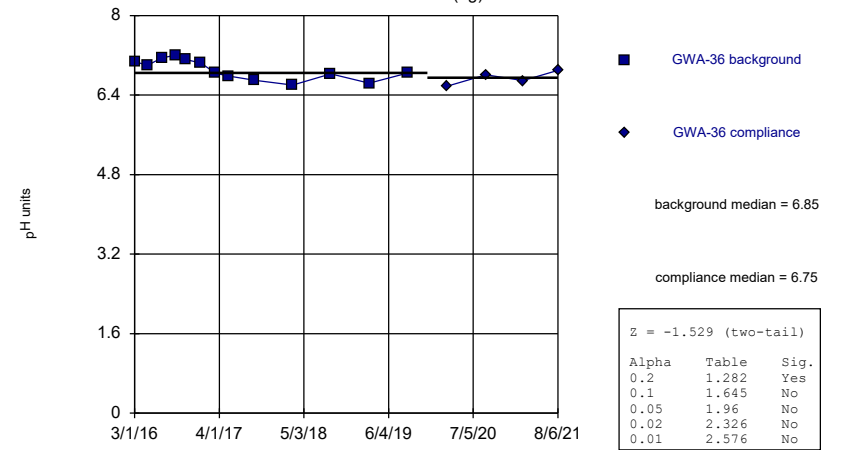
GWC-25R



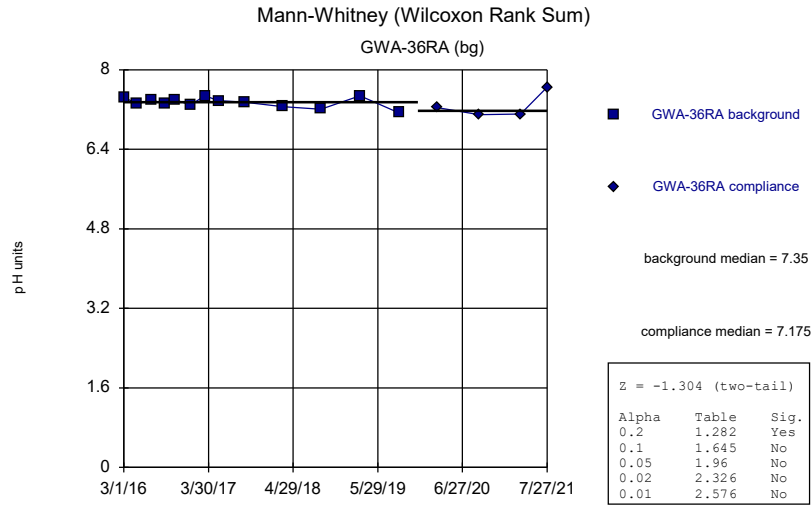
Constituent: Chloride Analysis Run 4/7/2022 2:07 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

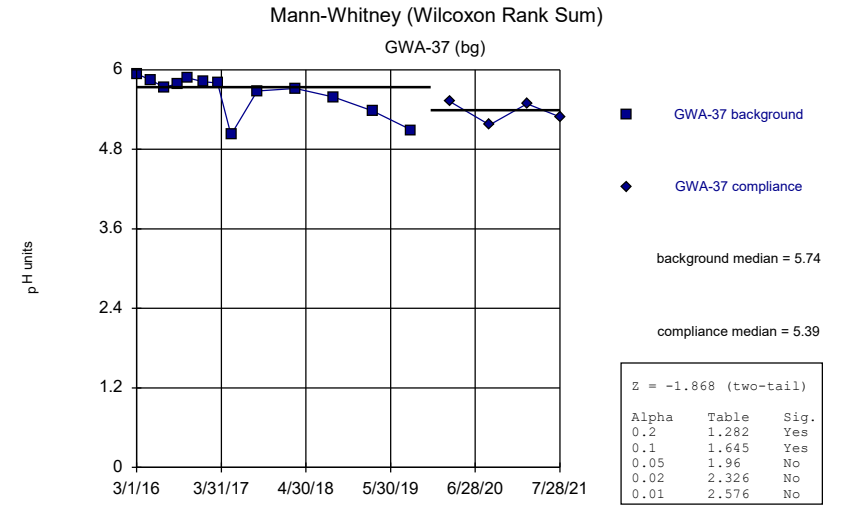
GWA-36 (bg)



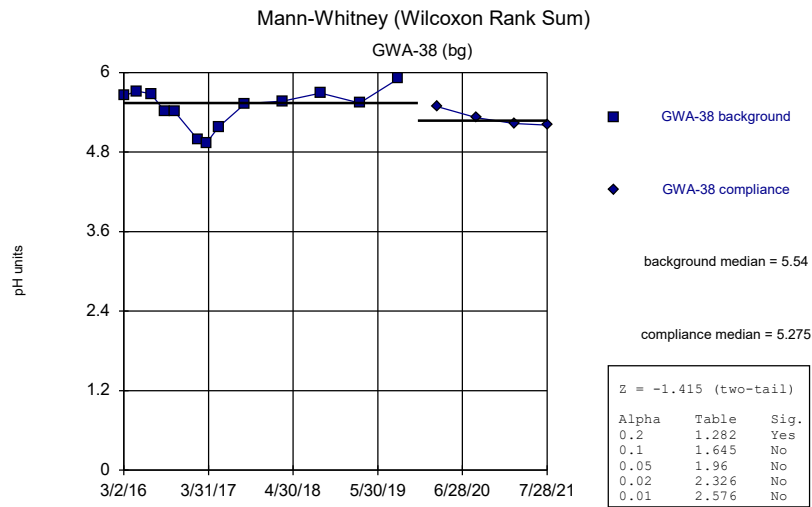
Constituent: pH Analysis Run 4/7/2022 2:07 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



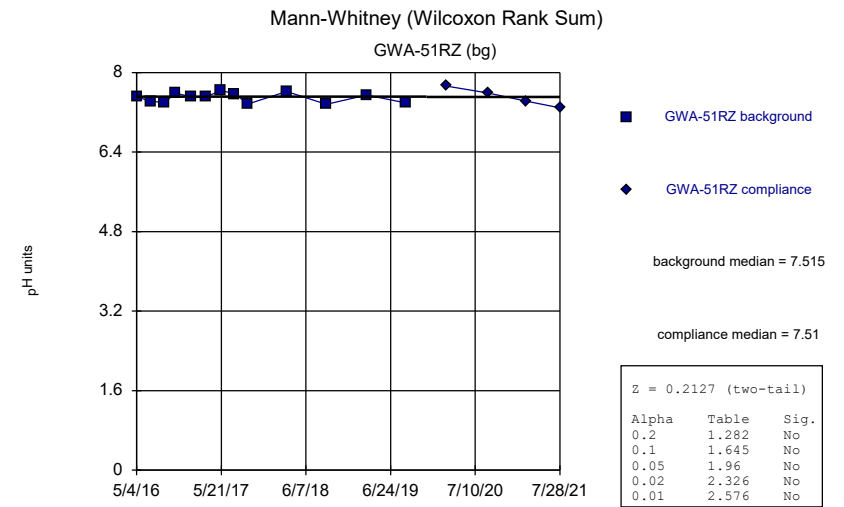
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



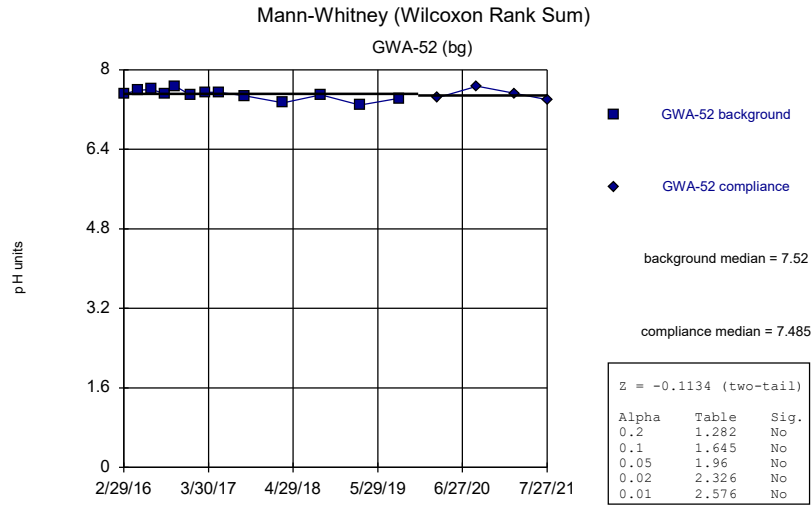
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



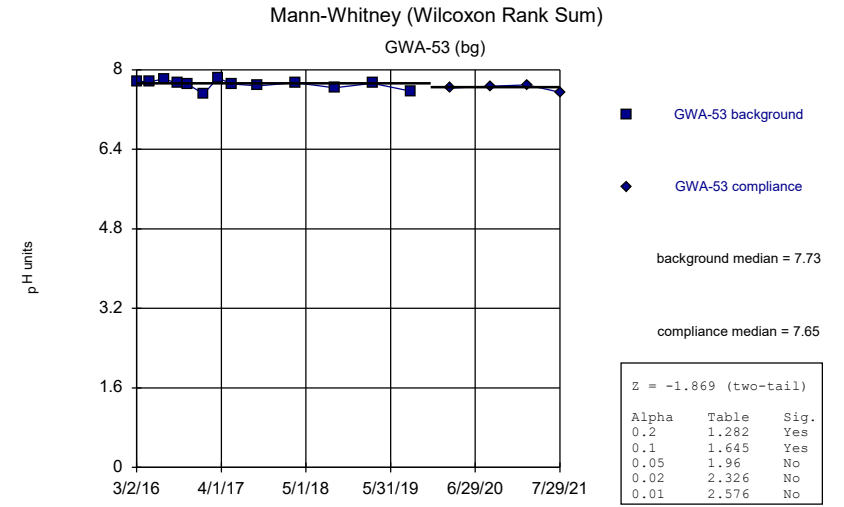
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



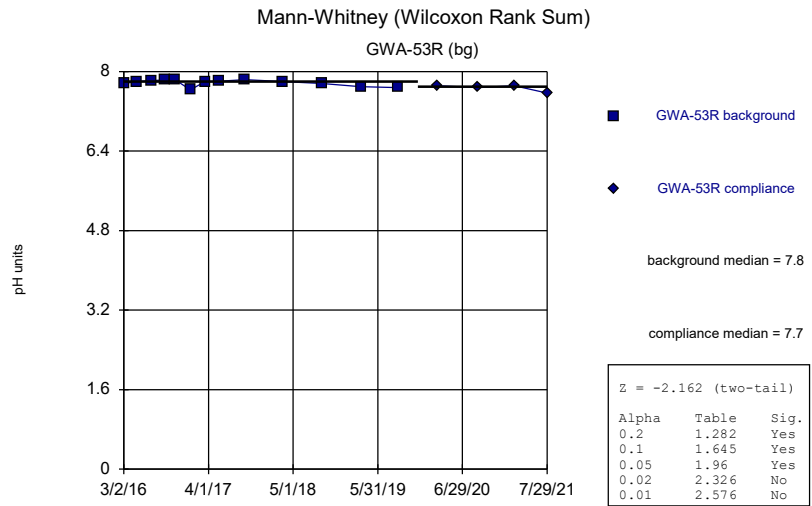
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



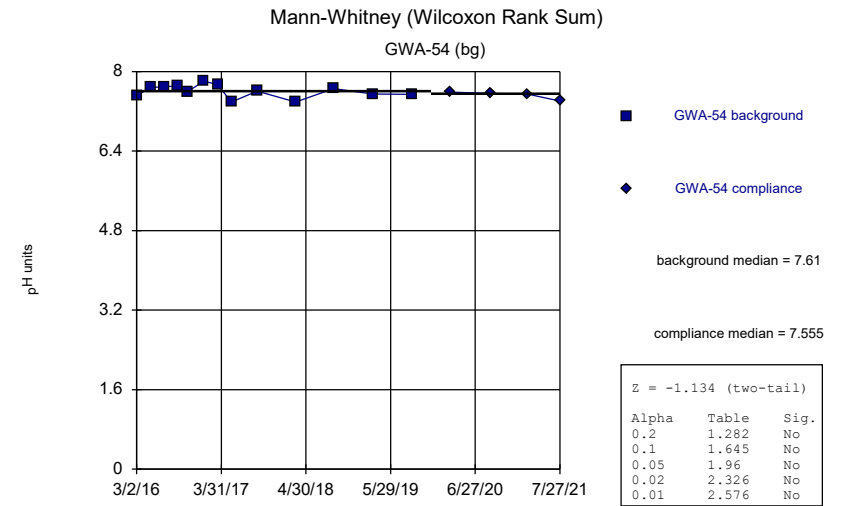
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



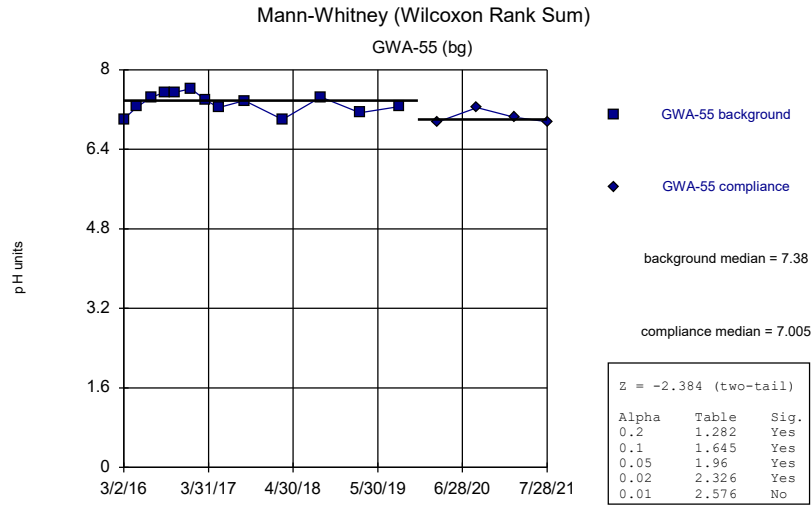
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



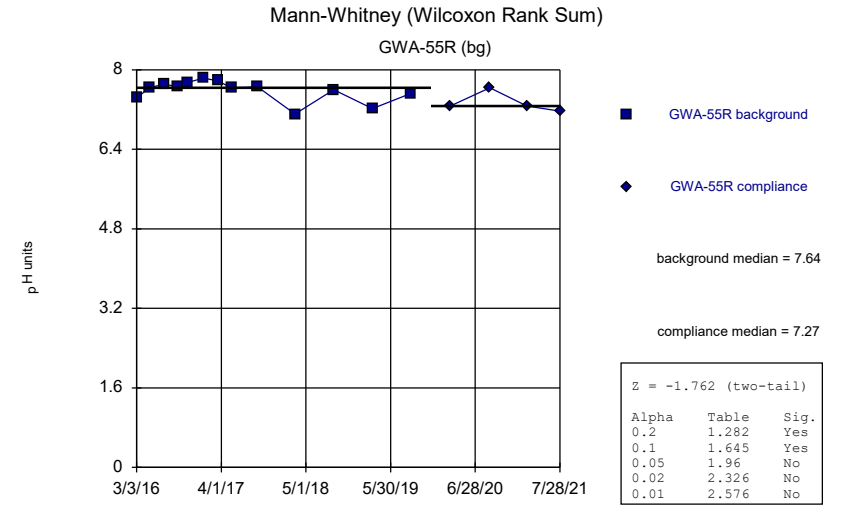
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



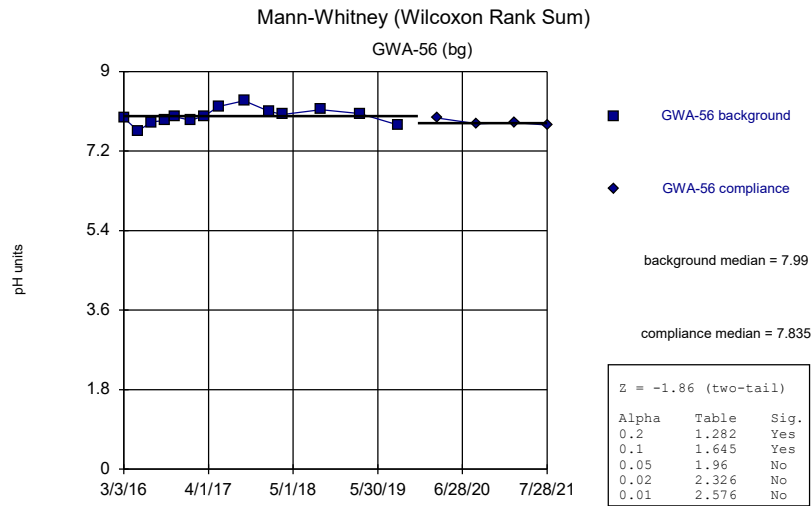
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



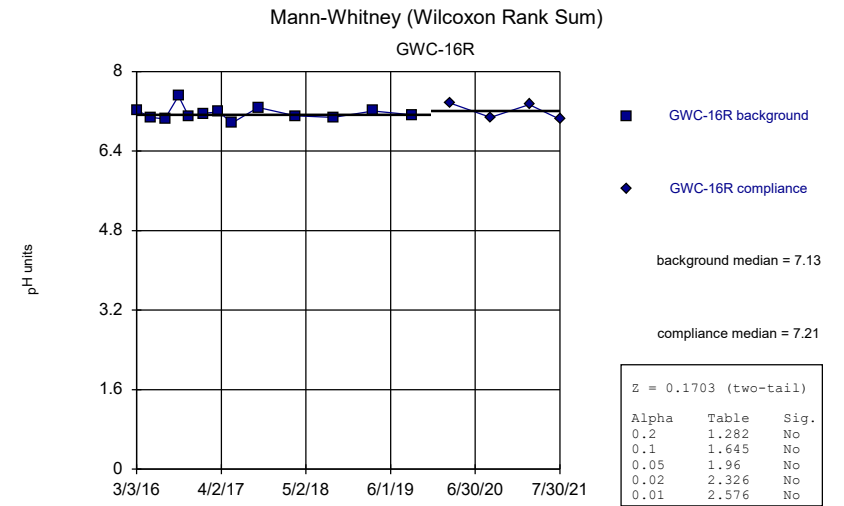
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



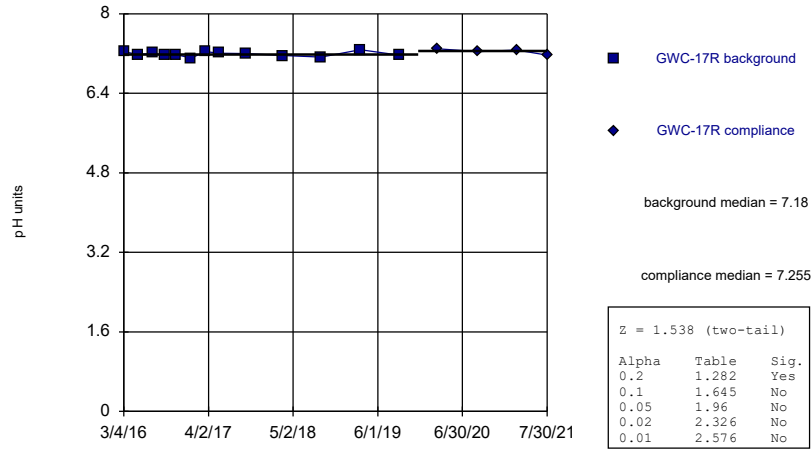
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

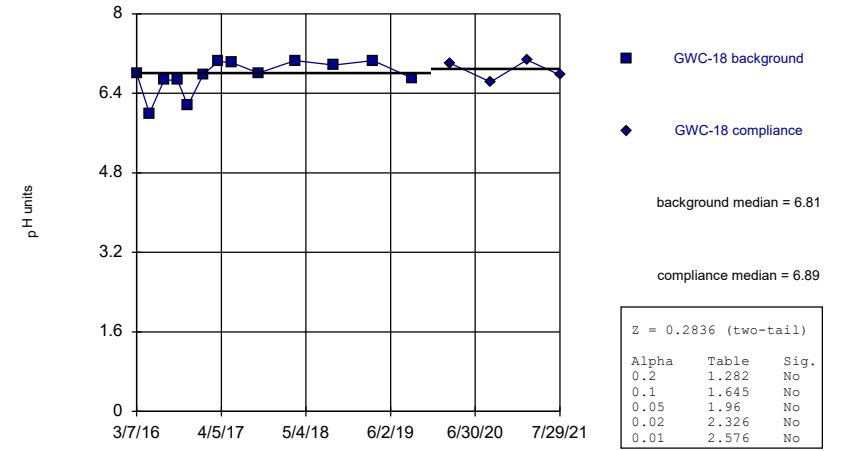
GWC-17R



Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

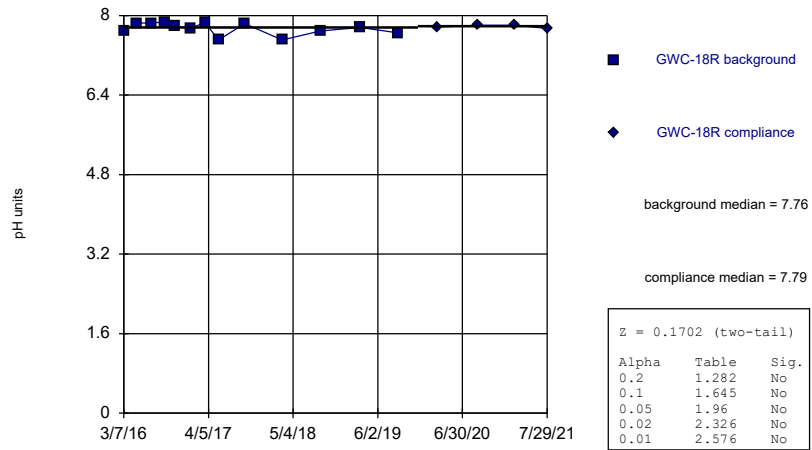
GWC-18



Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

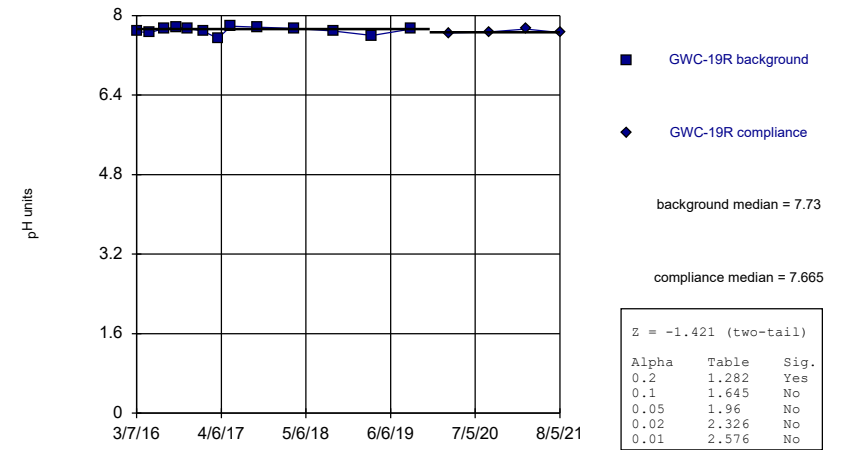
GWC-18R



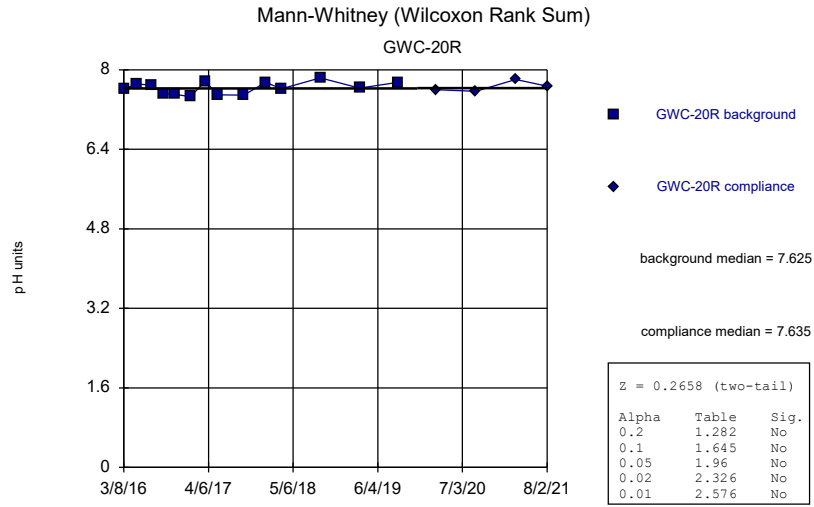
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

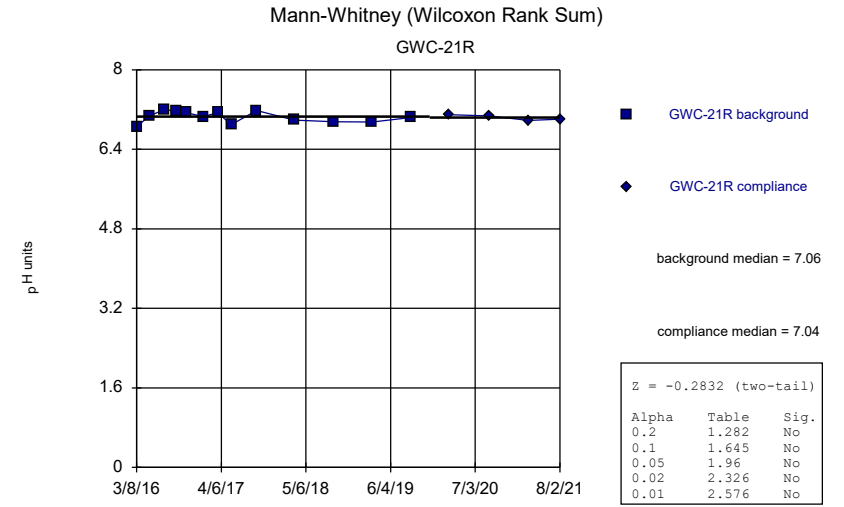
GWC-19R



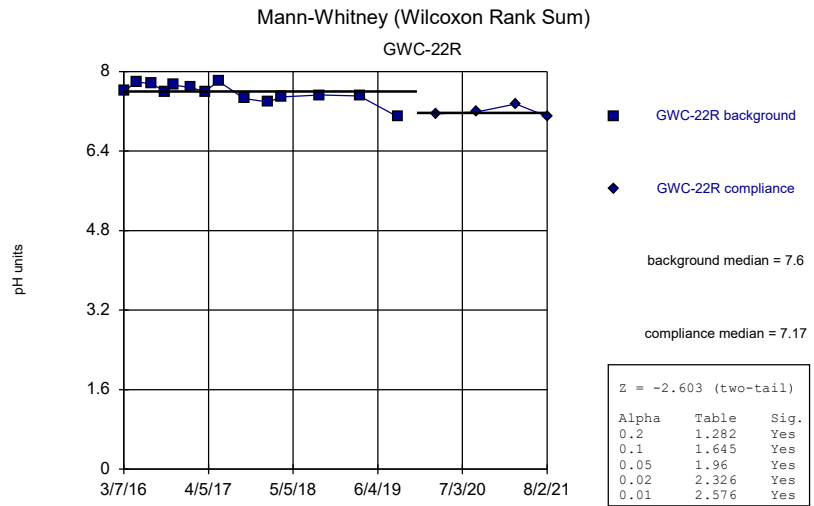
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



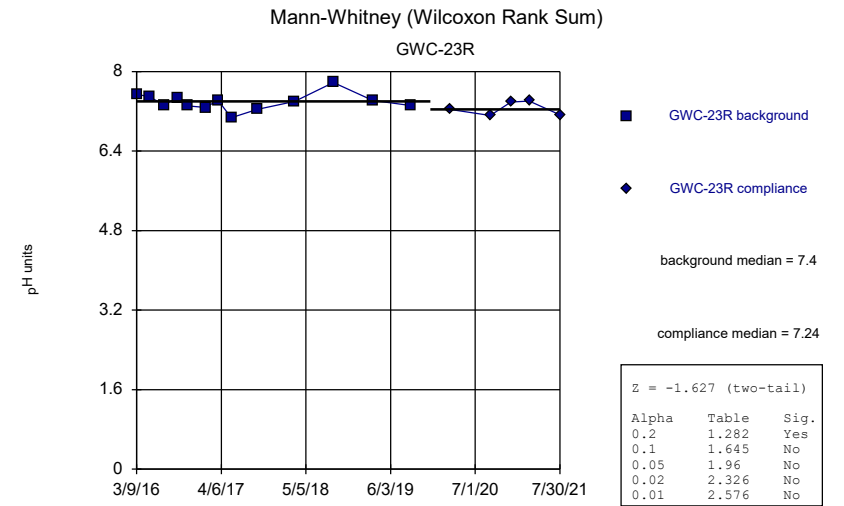
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



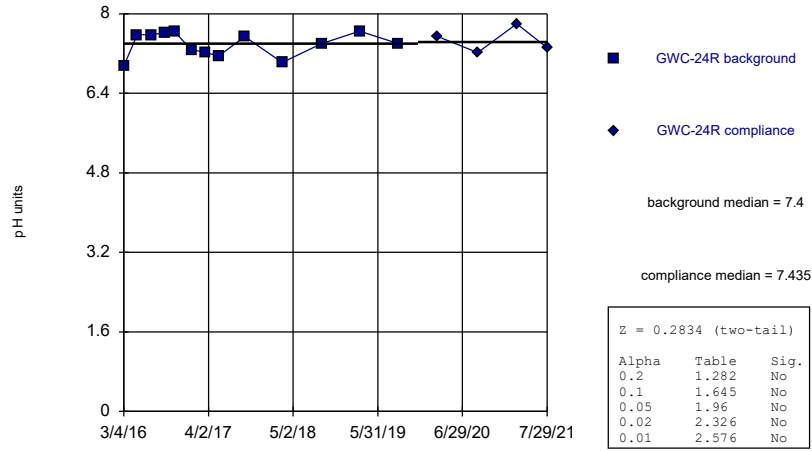
Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

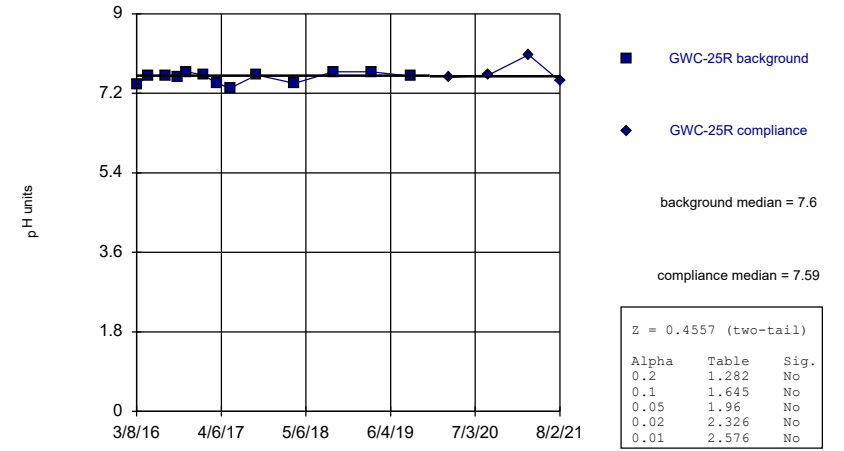
GWC-24R



Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

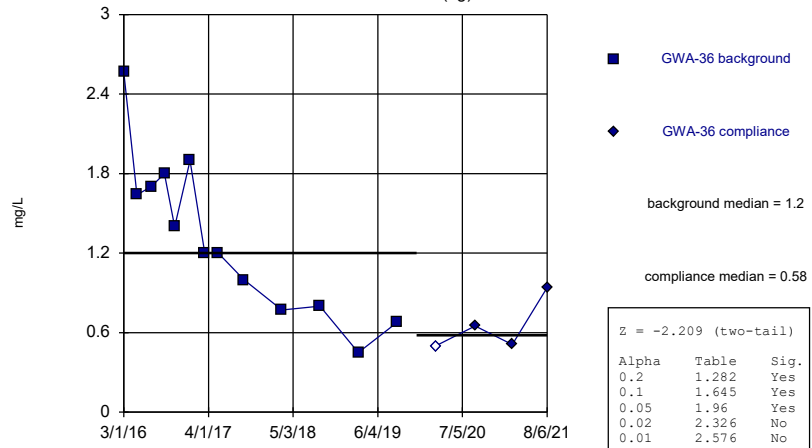
GWC-25R



Constituent: pH Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

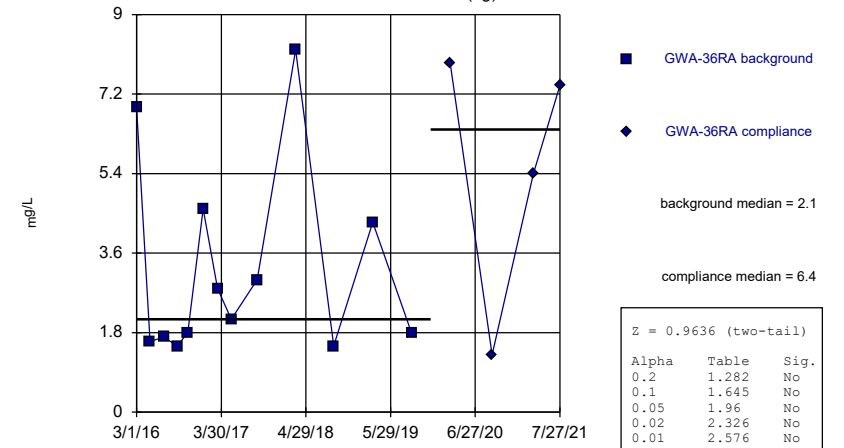
GWA-36 (bg)



Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

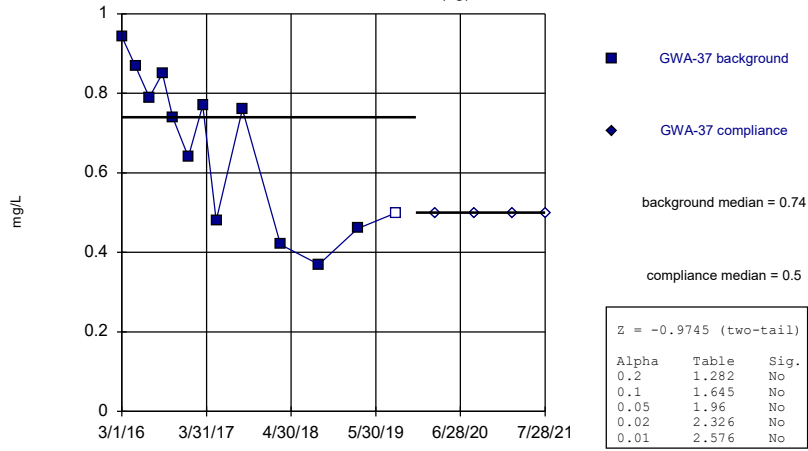
Mann-Whitney (Wilcoxon Rank Sum)

GWA-36RA (bg)



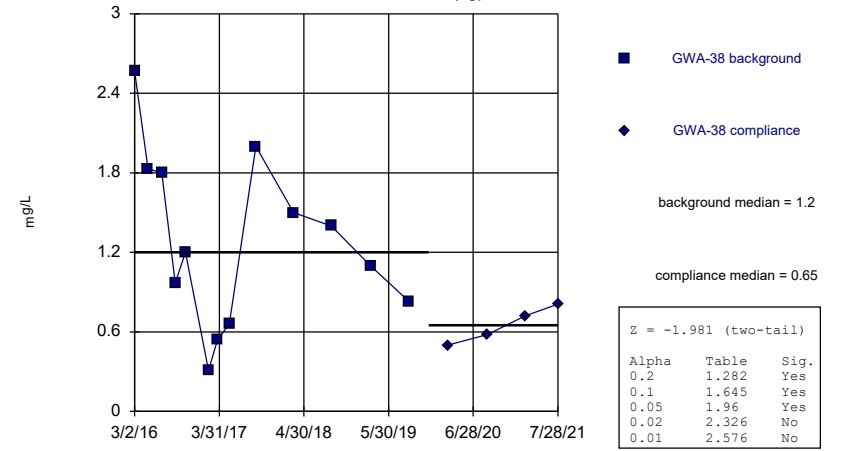
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-37 (bg)



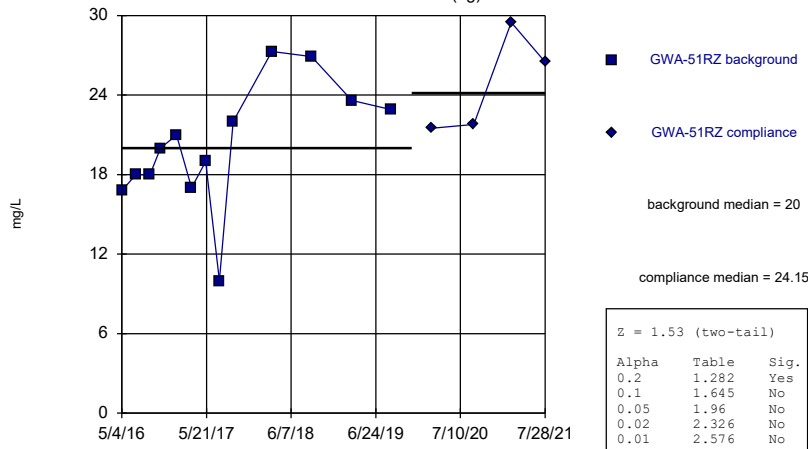
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-38 (bg)



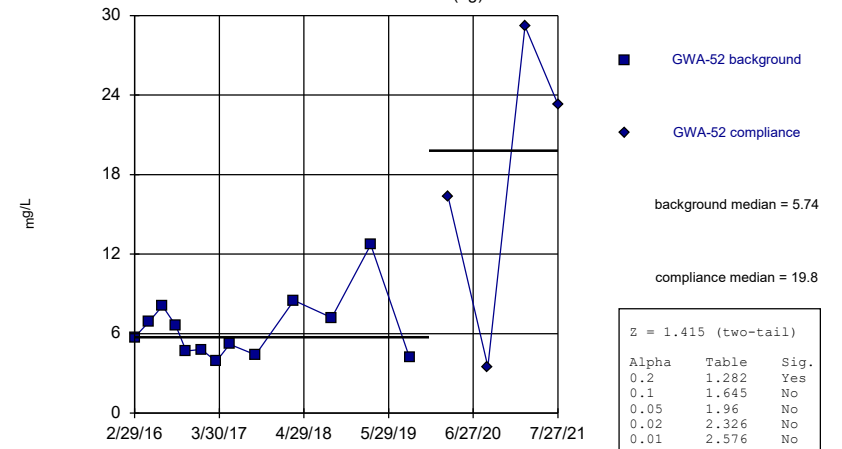
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-51RZ (bg)



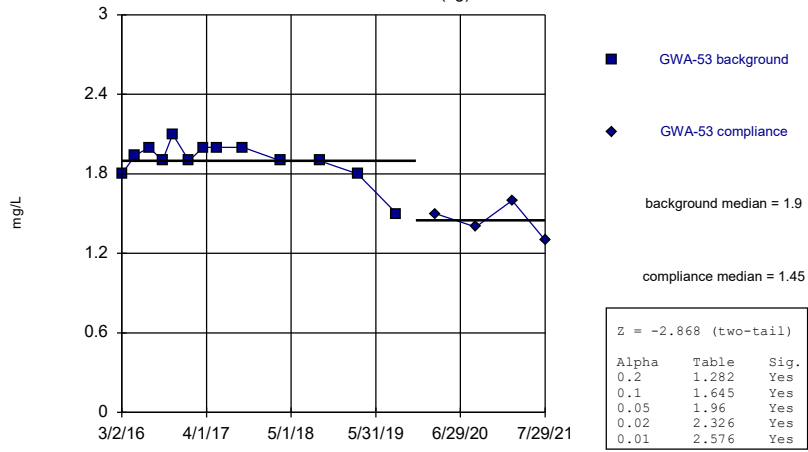
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-52 (bg)



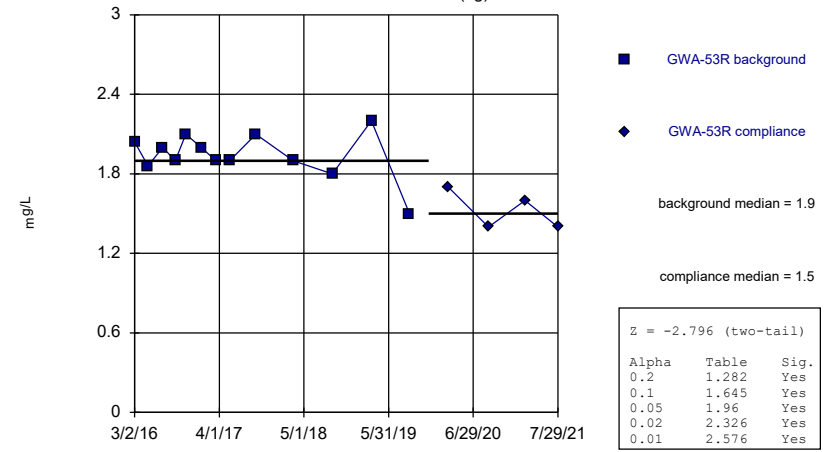
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53 (bg)



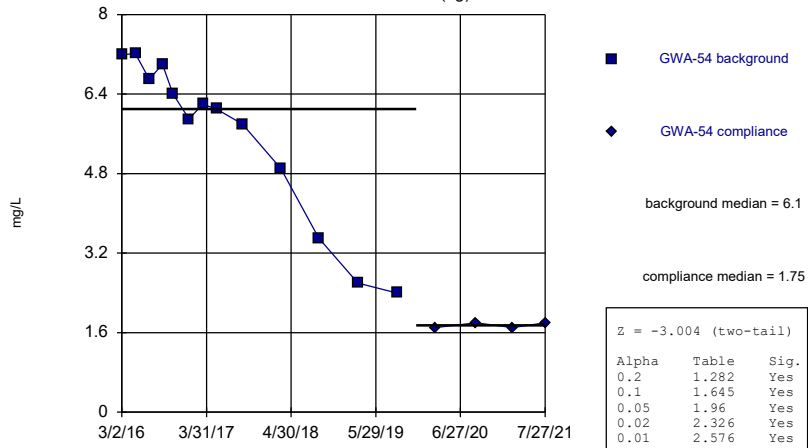
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53R (bg)



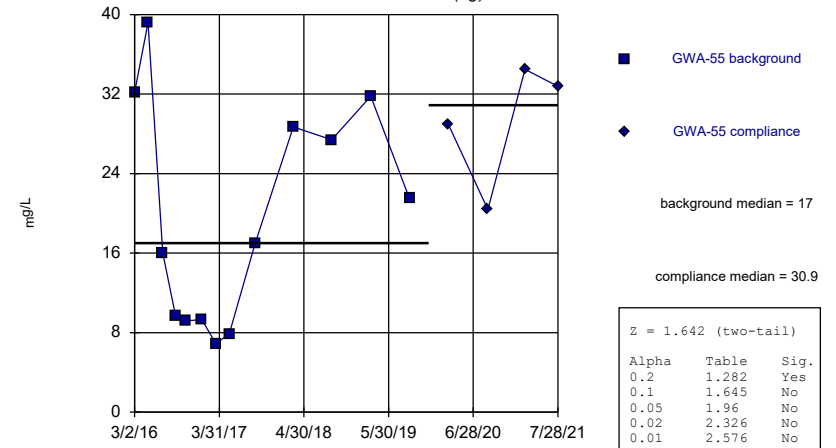
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-54 (bg)



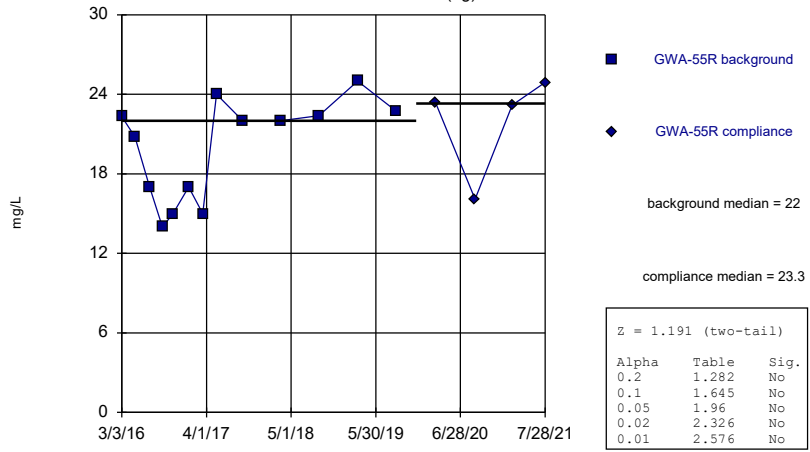
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55 (bg)



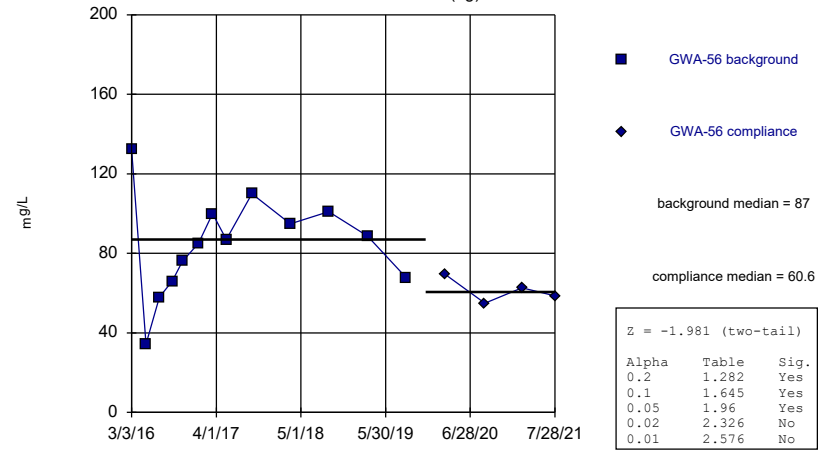
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55R (bg)



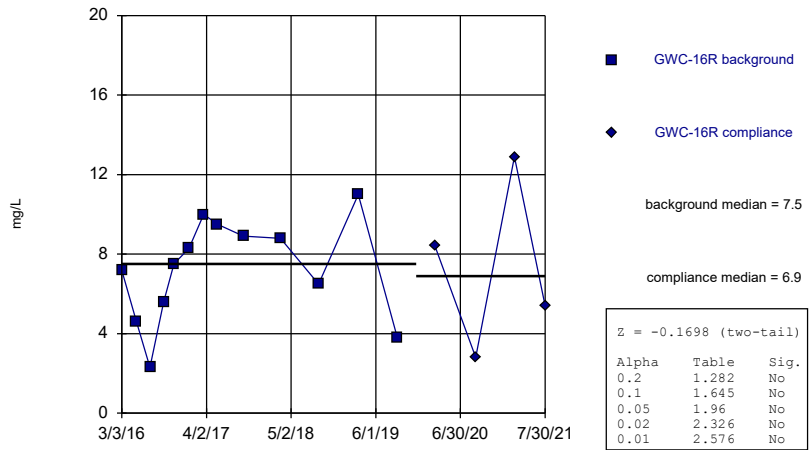
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-56 (bg)



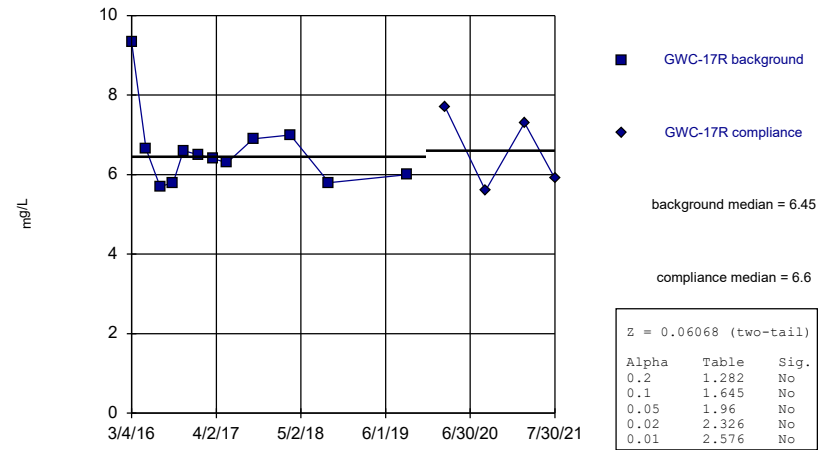
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-16R



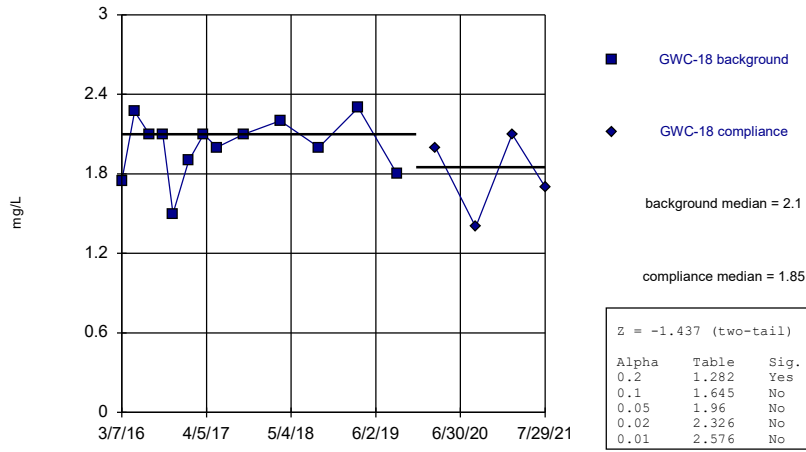
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-17R



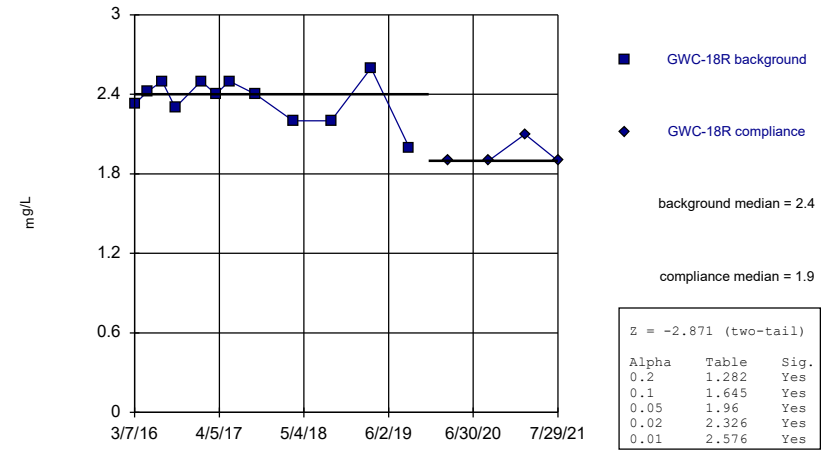
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-18



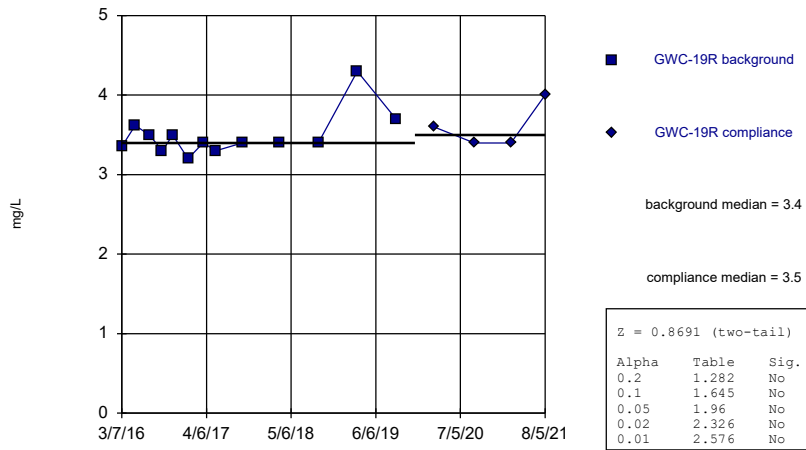
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-18R



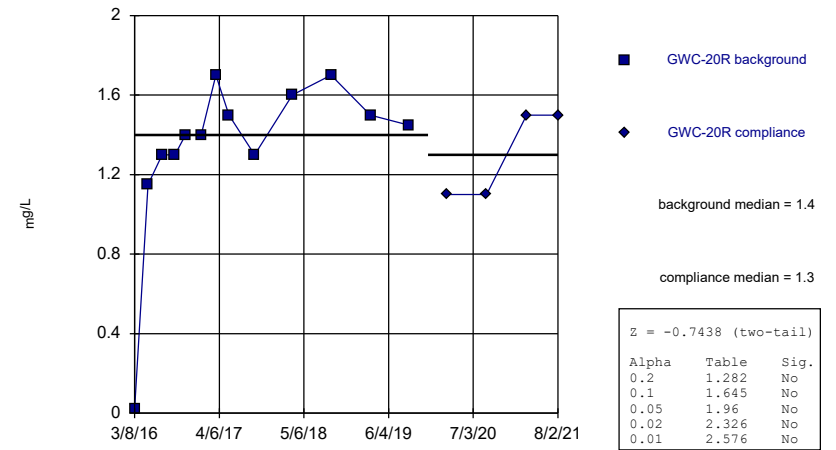
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-19R



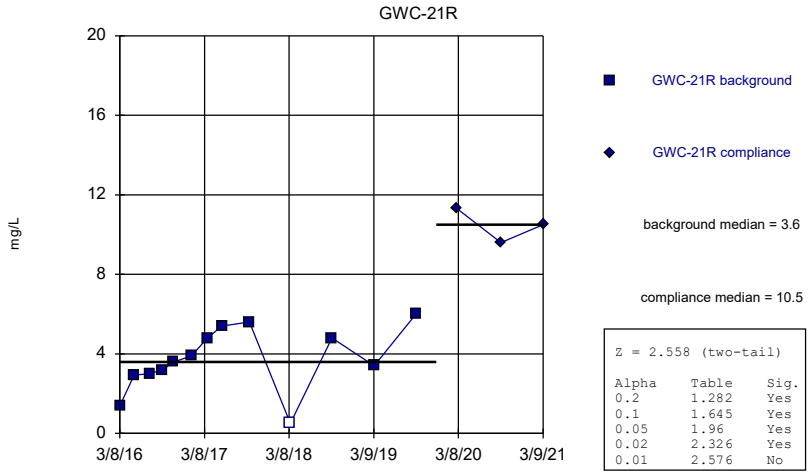
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-20R



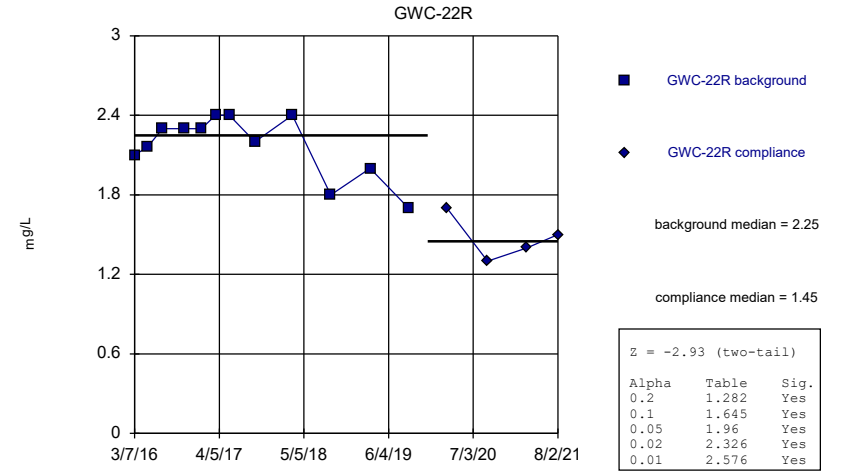
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



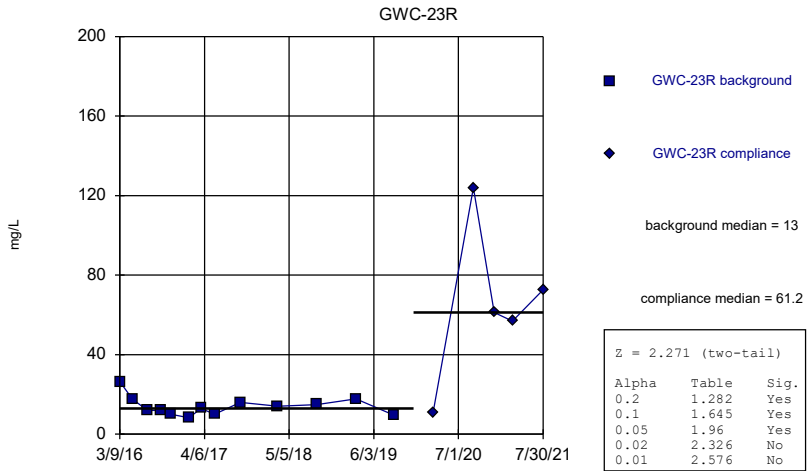
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



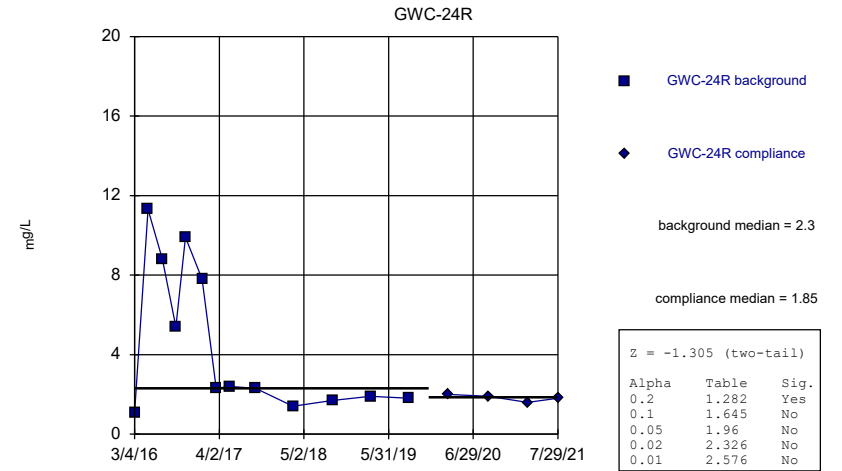
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

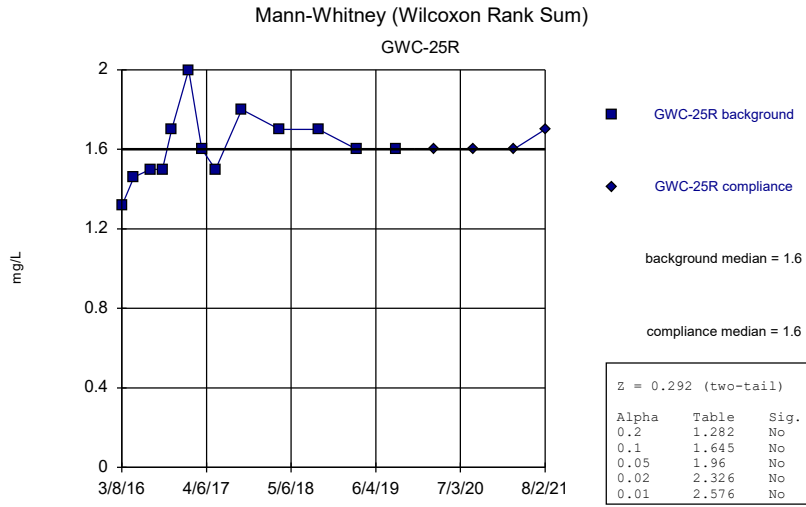


Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

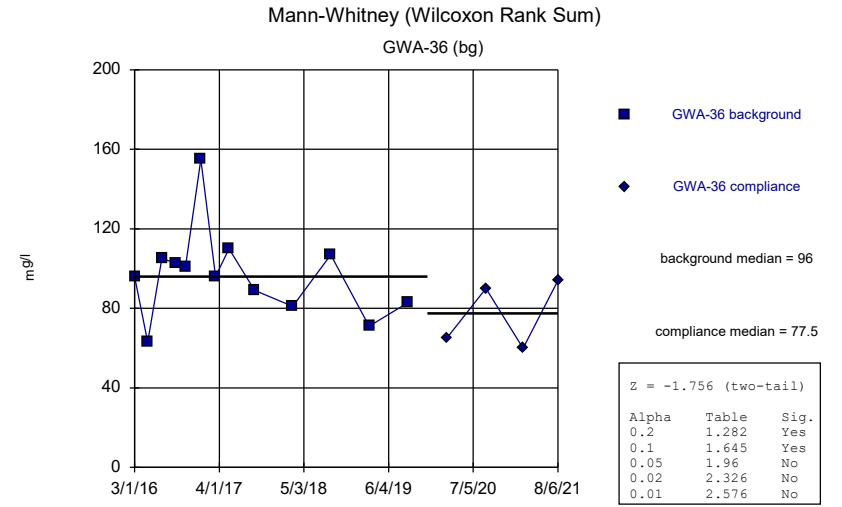
Mann-Whitney (Wilcoxon Rank Sum)



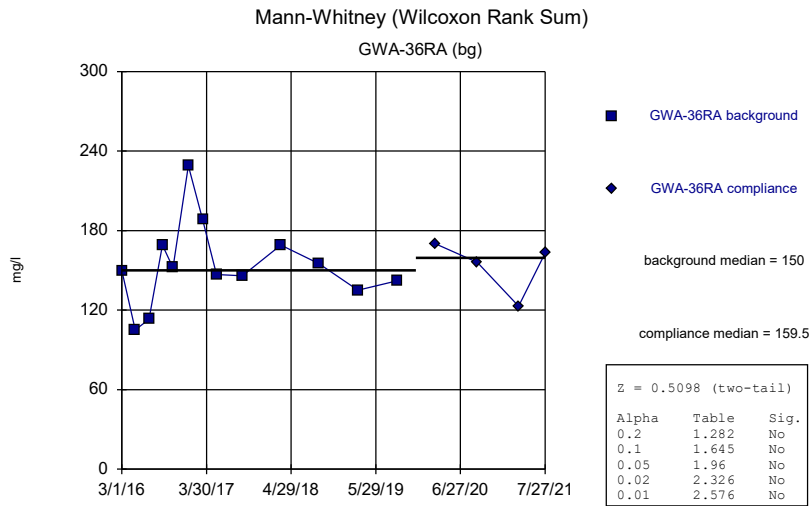
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



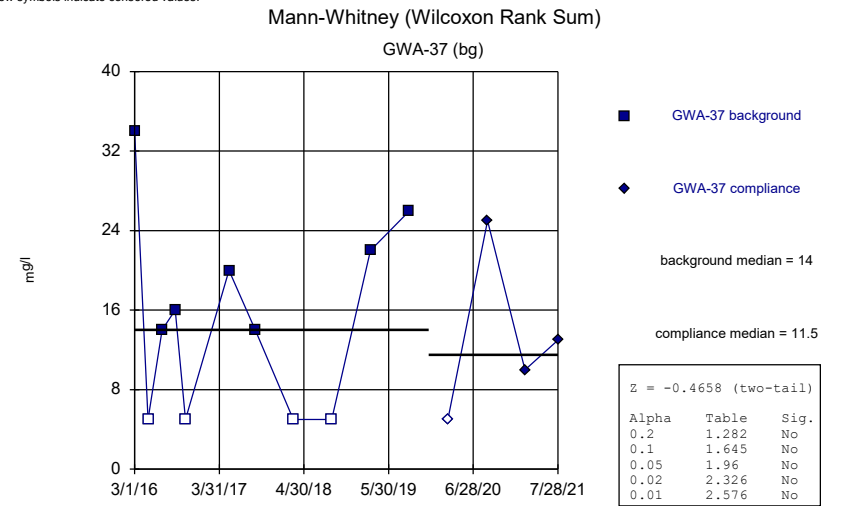
Constituent: Sulfate Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

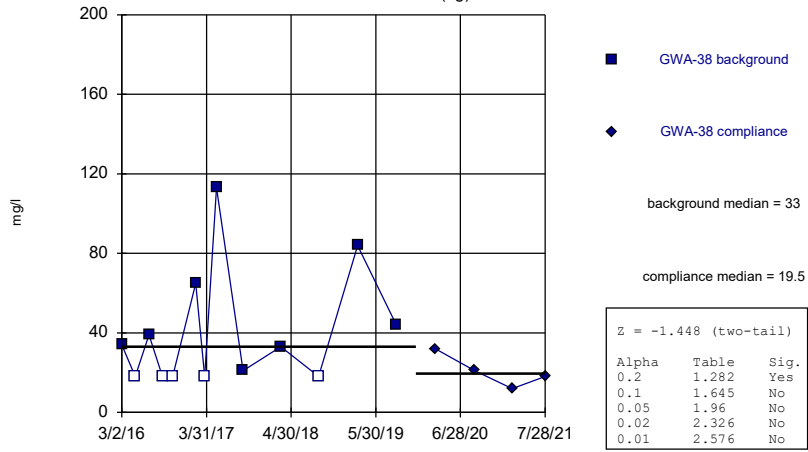


Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



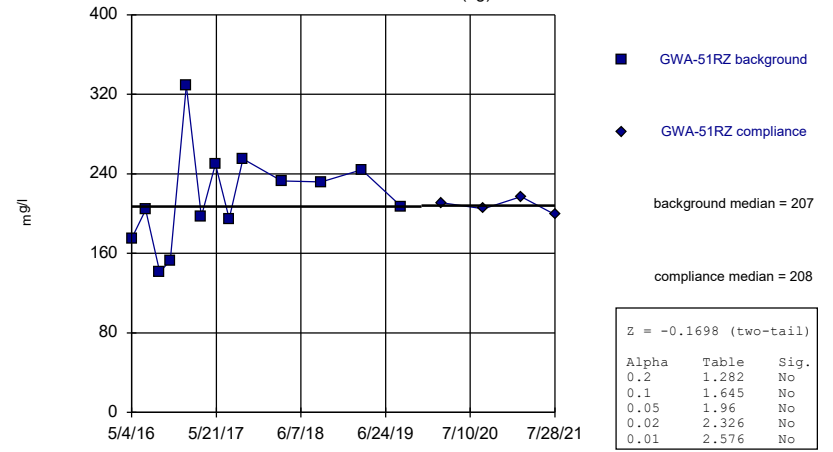
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-38 (bg)



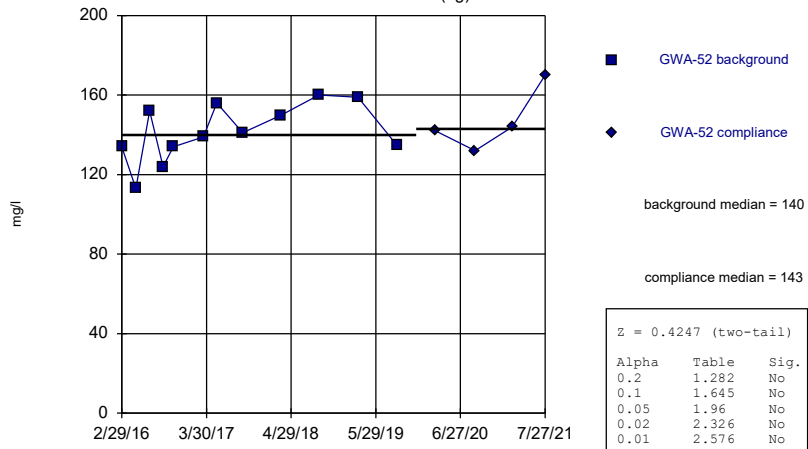
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-51RZ (bg)



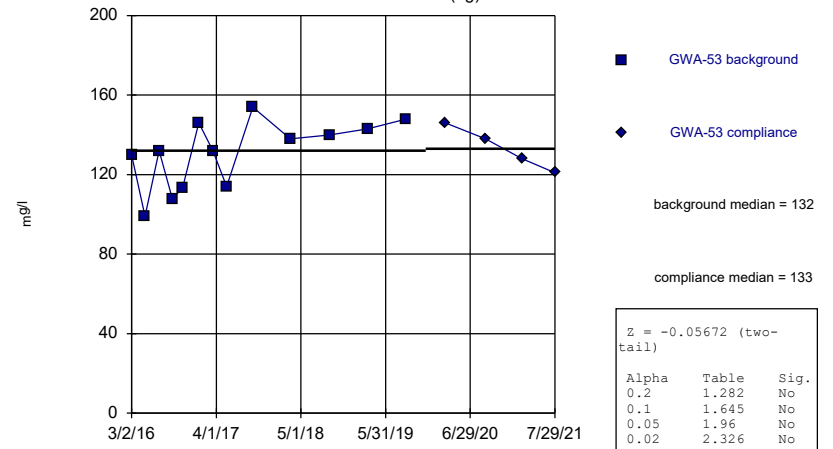
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-52 (bg)



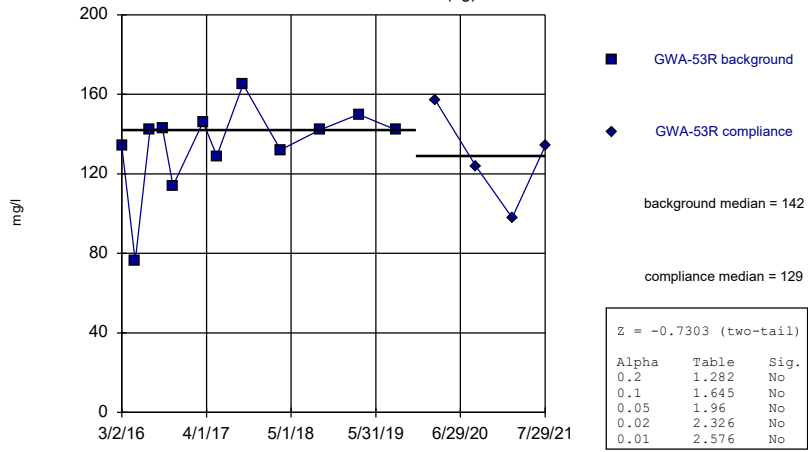
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53 (bg)



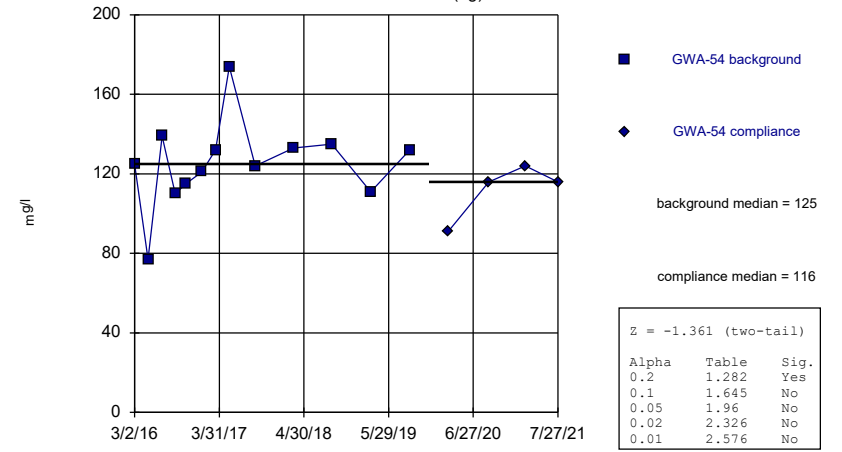
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-53R (bg)



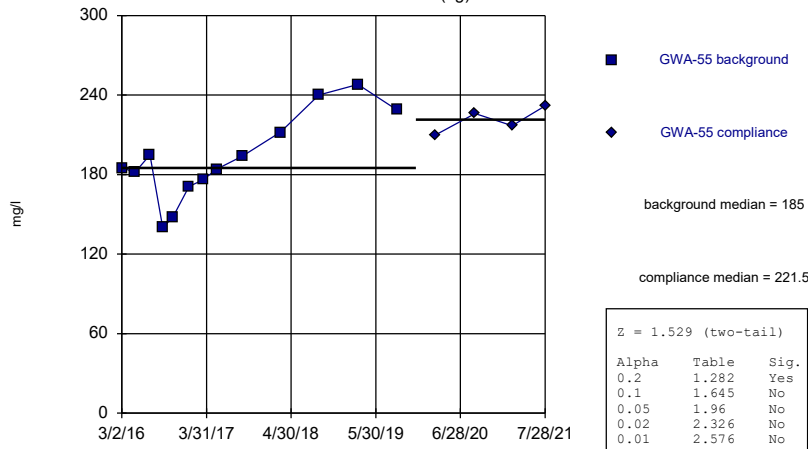
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-54 (bg)



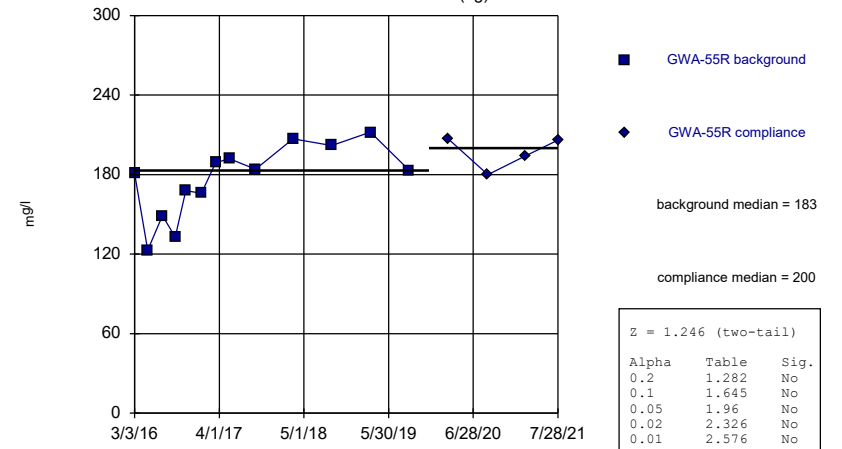
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55 (bg)



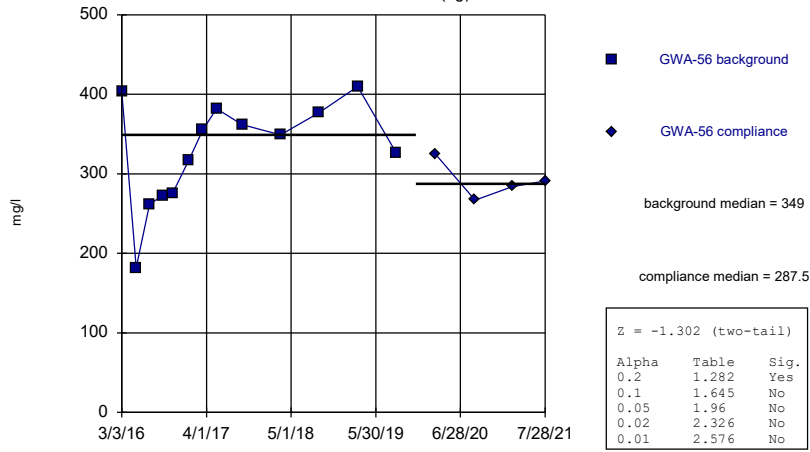
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-55R (bg)



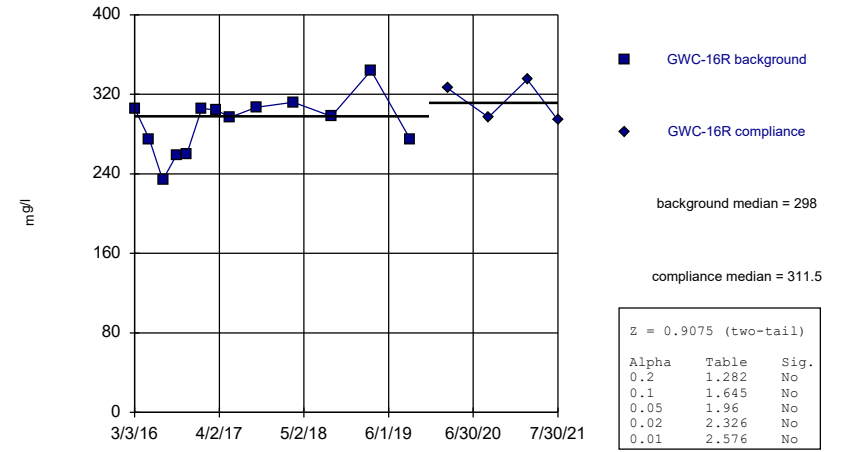
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWA-56 (bg)



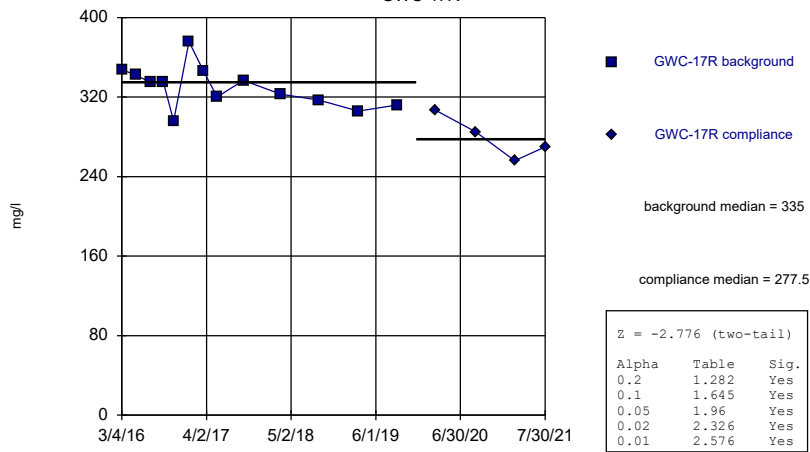
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-16R



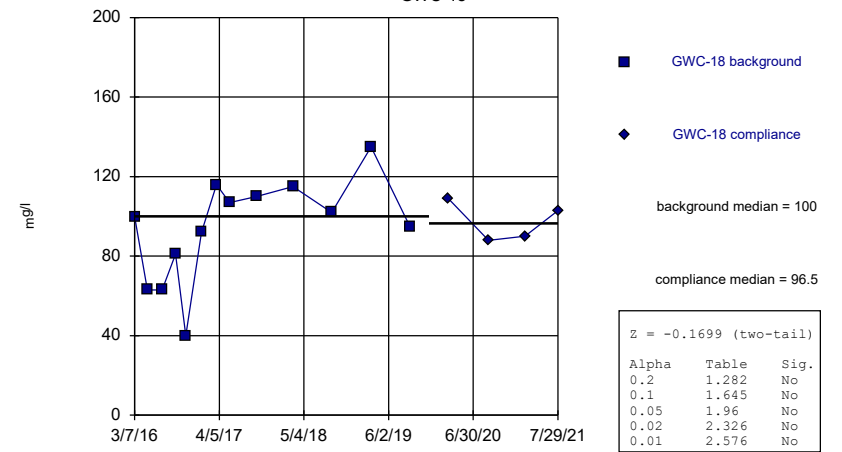
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:08 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-17R



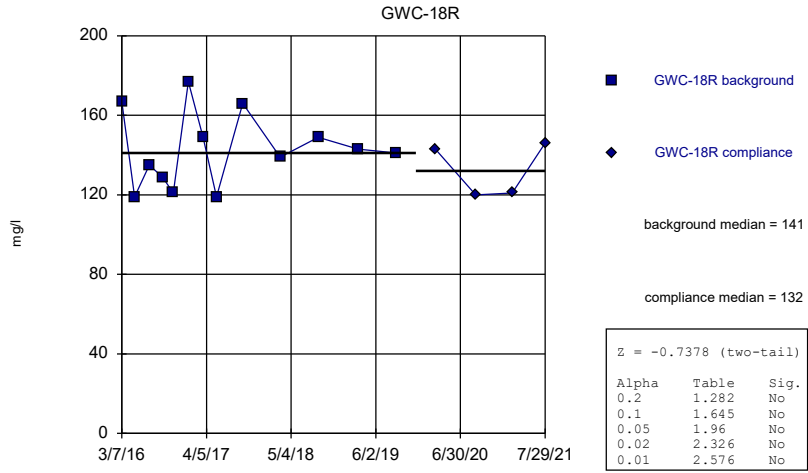
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)
GWC-18



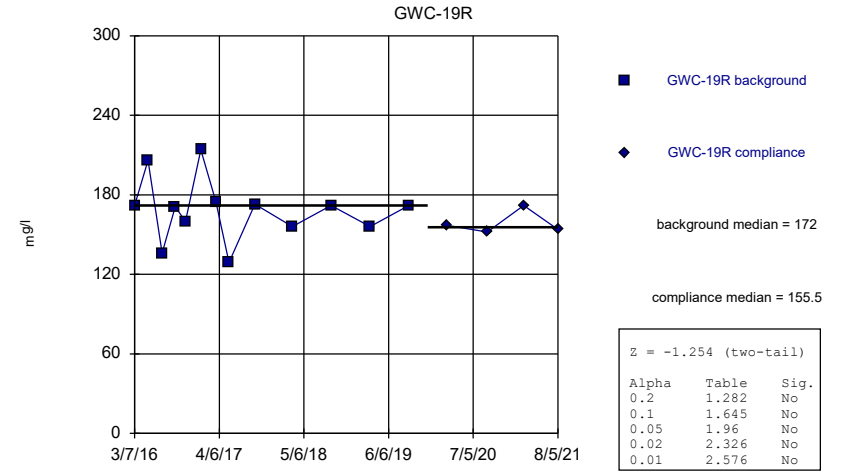
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



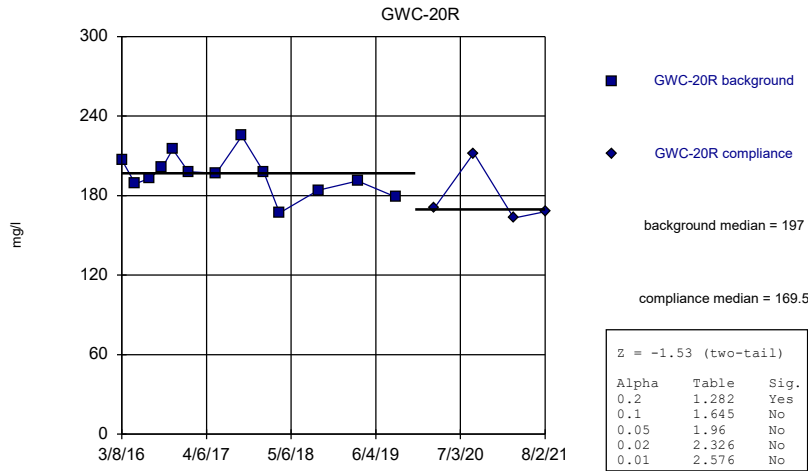
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



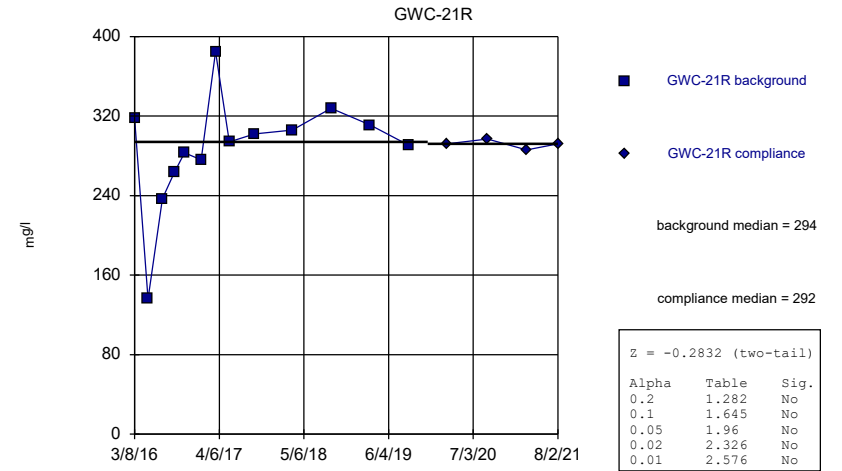
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



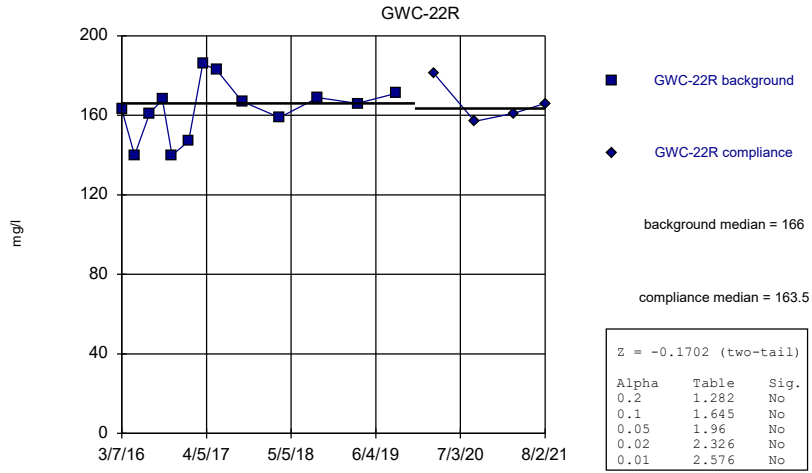
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



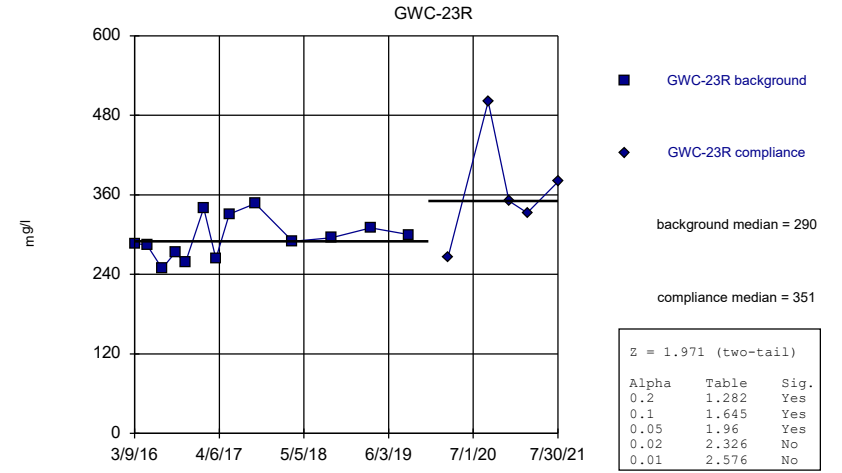
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



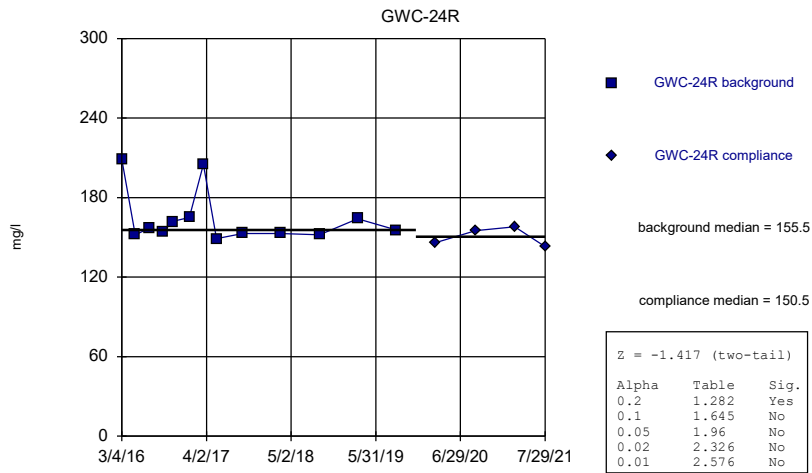
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



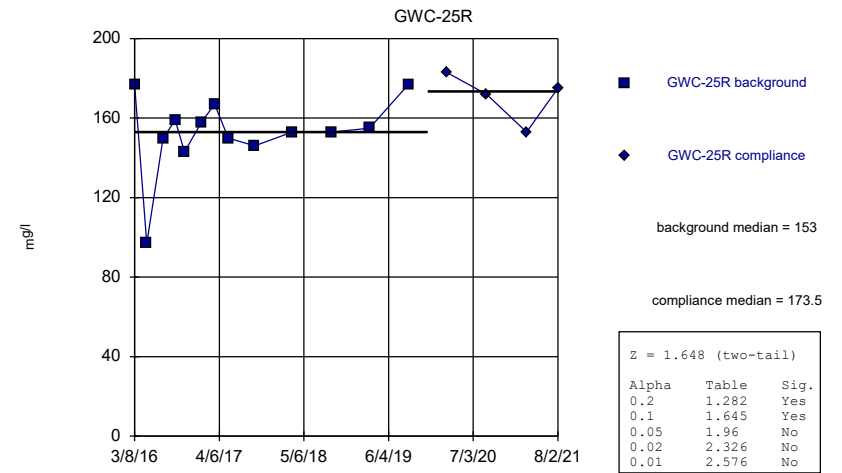
Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Mann-Whitney (Wilcoxon Rank Sum)



Constituent: Total Dissolved Solids Analysis Run 4/7/2022 2:09 PM View: All
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

FIGURE F.

Trend Tests Appendix III Upgradient Wells - Significant Results

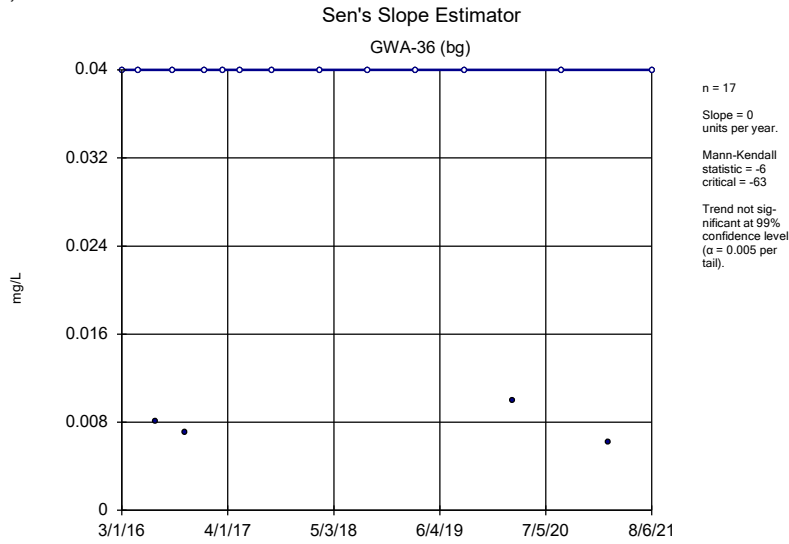
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:22 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-37 (bg)	-0.04041	-126	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.745	80	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.923	90	68	Yes	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-36RA (bg)	0	70	68	Yes	18	72.22	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-55 (bg)	0.004205	74	68	Yes	18	66.67	n/a	n/a	0.01	NP

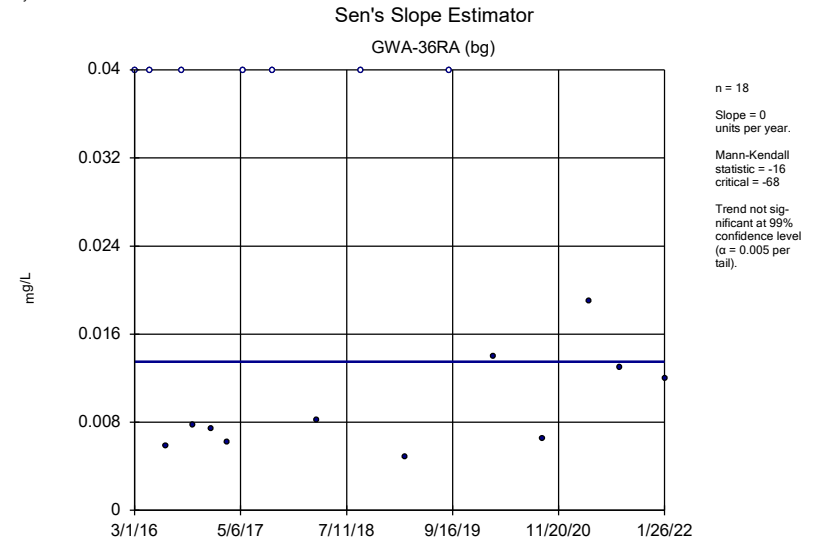
Trend Tests Appendix III Upgradient Wells - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/12/2022, 3:22 PM

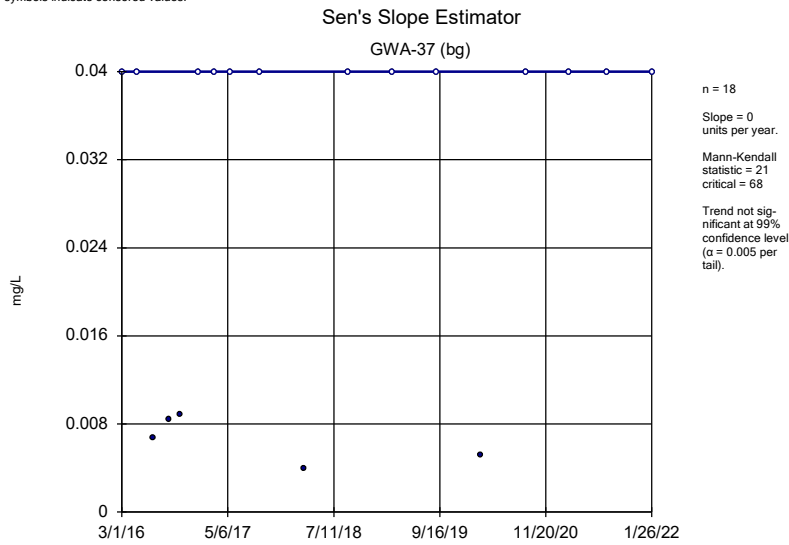
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	GWA-36 (bg)	0	-6	-63	No	17	76.47	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-36RA (bg)	0	-16	-68	No	18	38.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-37 (bg)	0	21	68	No	18	72.22	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-38 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-51RZ (bg)	-0.001083	-42	-68	No	18	22.22	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-52 (bg)	0	-3	-68	No	18	61.11	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-53 (bg)	0	-12	-68	No	18	83.33	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-53R (bg)	0	9	68	No	18	94.44	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-54 (bg)	0	27	68	No	18	72.22	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-55 (bg)	0	-16	-68	No	18	61.11	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-55R (bg)	0	-1	-68	No	18	72.22	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-56 (bg)	-0.00212	-66	-68	No	18	16.67	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-36 (bg)	-1.299	-55	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-36RA (bg)	0.4142	22	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-37 (bg)	-0.04041	-126	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-38 (bg)	-0.08881	-24	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.745	80	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-52 (bg)	0.4199	44	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-53 (bg)	0.1636	24	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-53R (bg)	0.2882	43	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-54 (bg)	-0.2238	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.923	90	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55R (bg)	1.821	65	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-56 (bg)	0.4993	10	68	No	18	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-36 (bg)	0	31	63	No	17	88.24	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-36RA (bg)	0	70	68	Yes	18	72.22	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-37 (bg)	0	56	68	No	18	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-38 (bg)	0	44	68	No	18	83.33	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-51RZ (bg)	0.002393	28	68	No	18	38.89	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-52 (bg)	0	43	68	No	18	61.11	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-53 (bg)	0	61	68	No	18	72.22	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-53R (bg)	4.4e-10	48	68	No	18	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-54 (bg)	0	29	68	No	18	50	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-55 (bg)	0.004205	74	68	Yes	18	66.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-55R (bg)	0	54	68	No	18	61.11	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-56 (bg)	-0.01888	-53	-68	No	18	5.556	n/a	n/a	0.01	NP



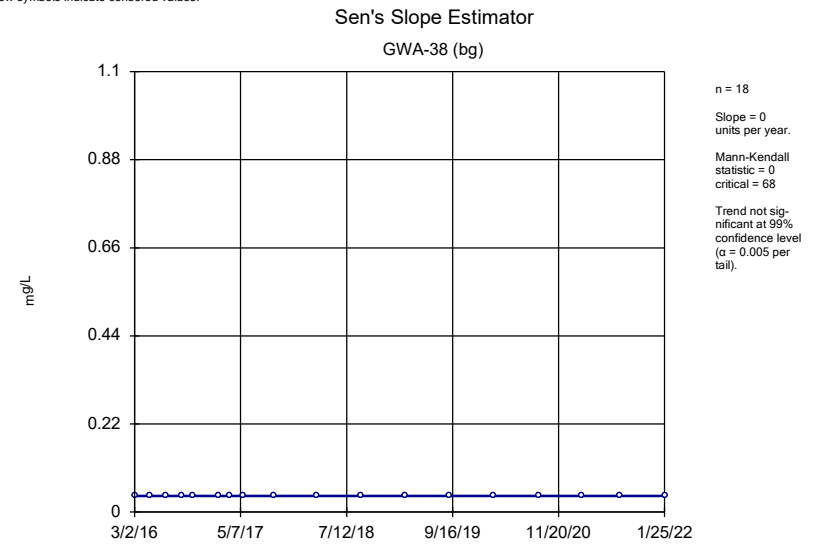
Constituent: Boron Analysis Run 4/12/2022 3:12 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Boron Analysis Run 4/12/2022 3:12 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



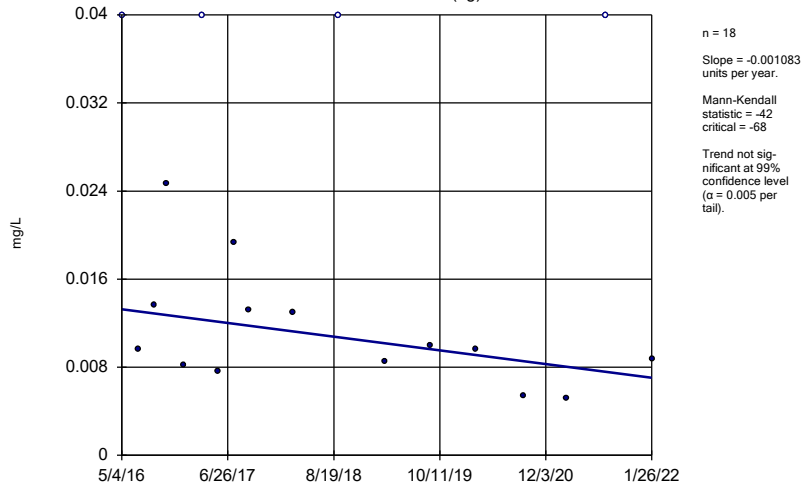
Constituent: Boron Analysis Run 4/12/2022 3:12 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Constituent: Boron Analysis Run 4/12/2022 3:12 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

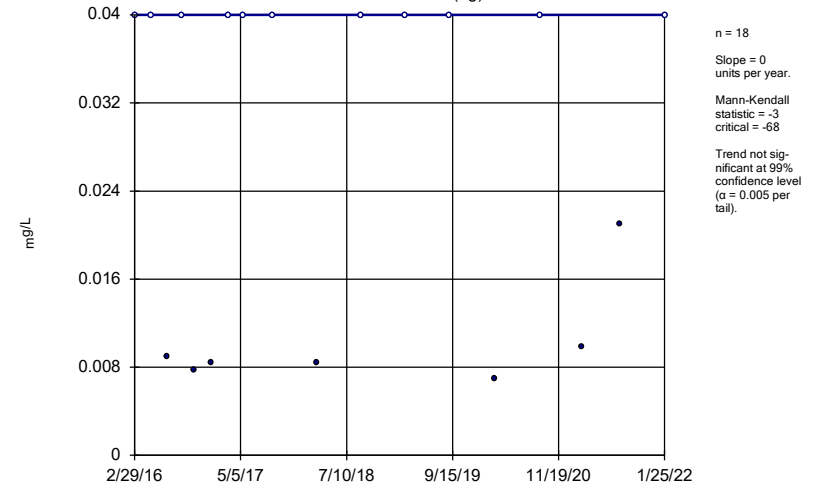
GWA-51RZ (bg)



Constituent: Boron Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

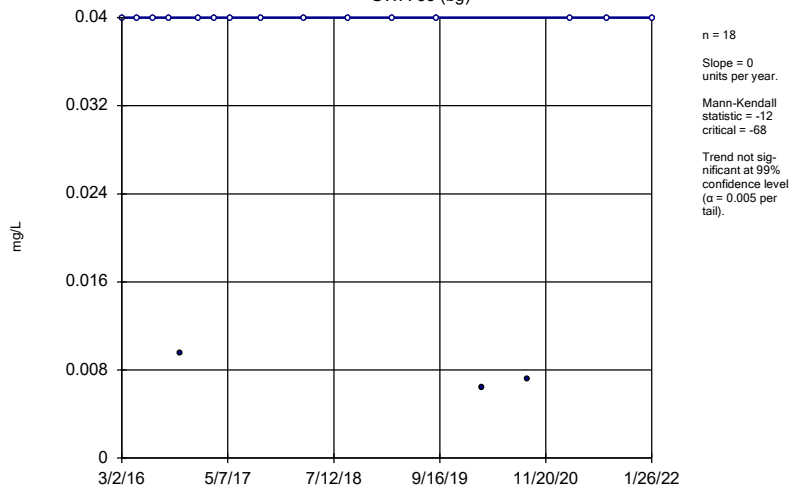
GWA-52 (bg)



Constituent: Boron Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

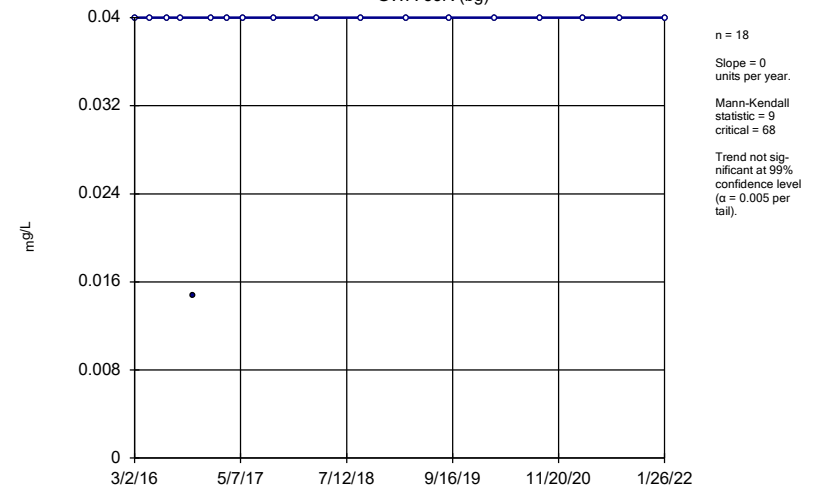
GWA-53 (bg)



Constituent: Boron Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

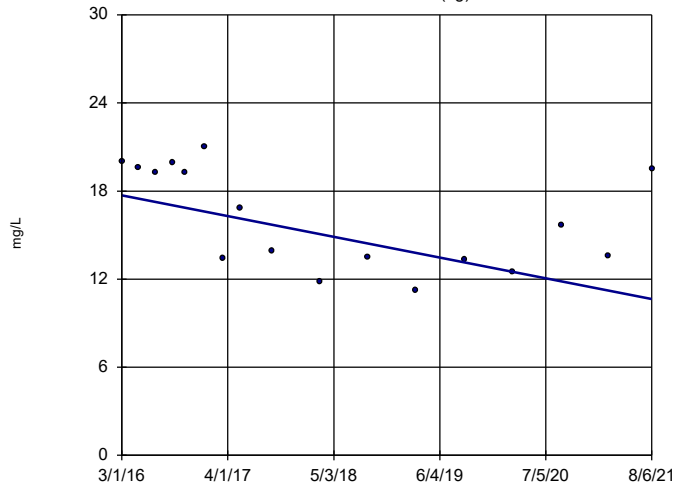
GWA-53R (bg)



Constituent: Boron Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

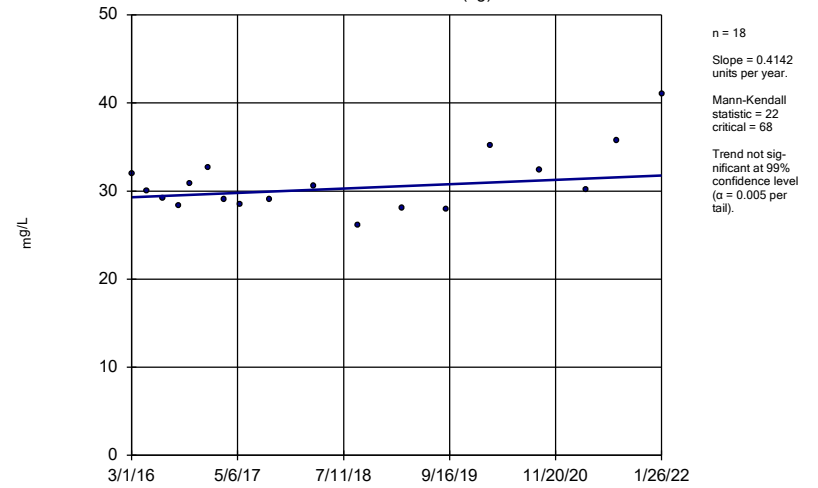
GWA-36 (bg)



Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

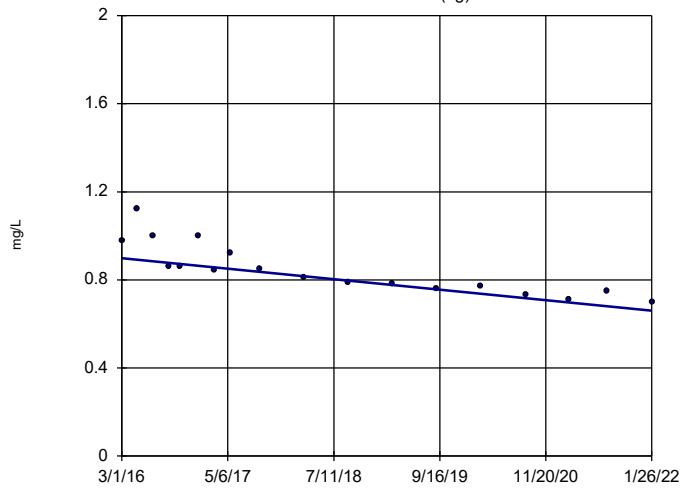
GWA-36RA (bg)



Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

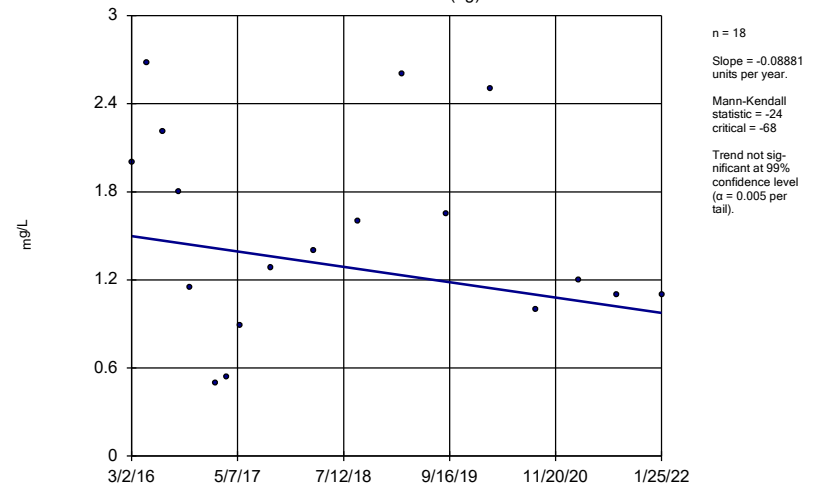
GWA-37 (bg)



Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

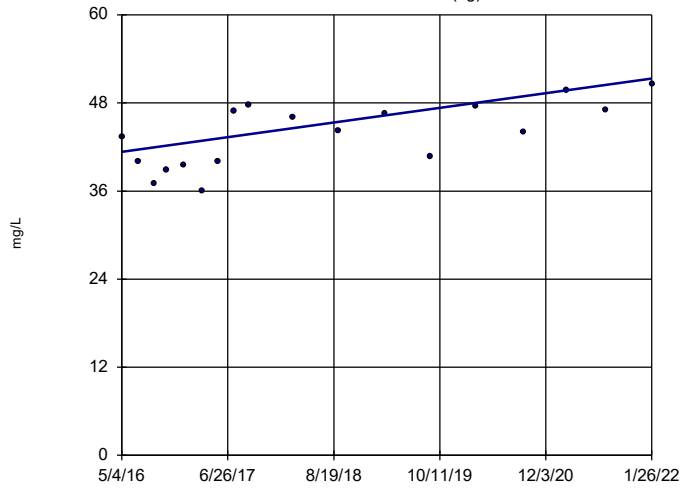
GWA-38 (bg)



Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-51RZ (bg)

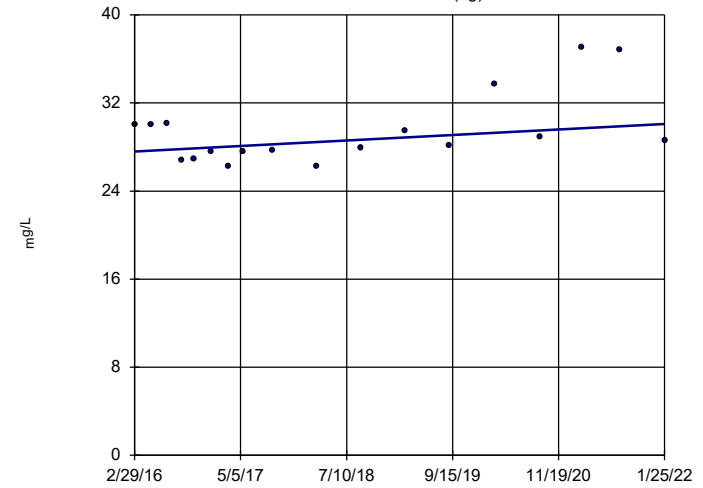


n = 18
 Slope = 1.745
 units per year.
 Mann-Kendall
 statistic = 80
 critical = 68
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

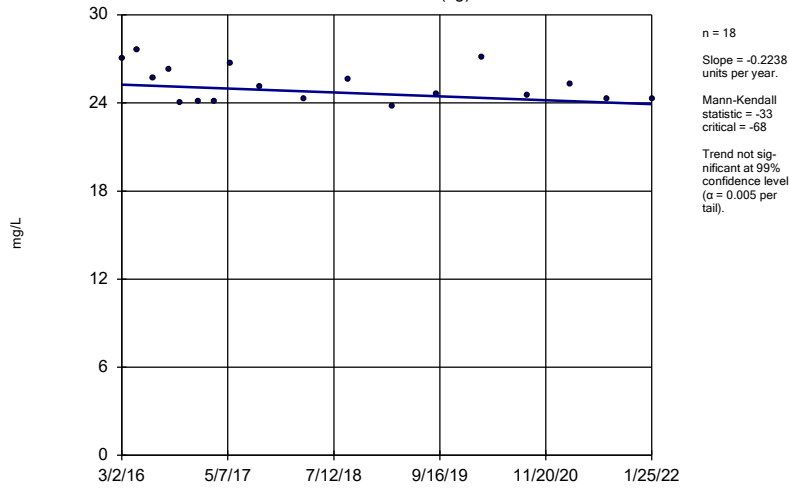
Sen's Slope Estimator

GWA-52 (bg)



Sen's Slope Estimator

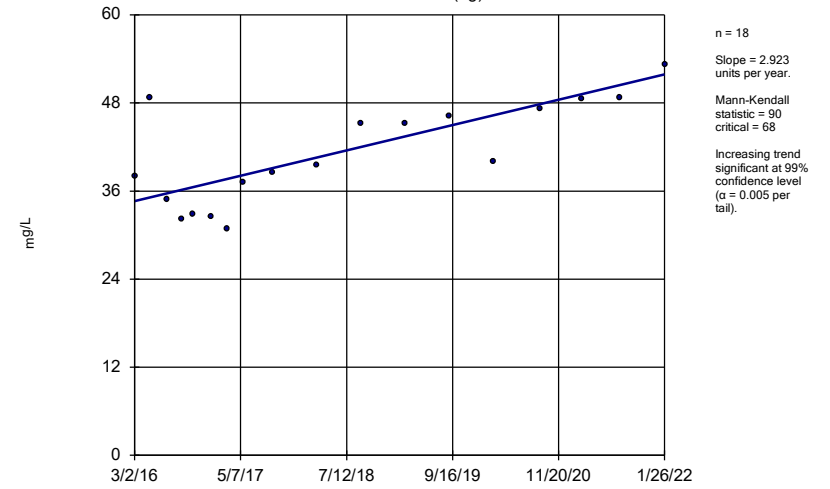
GWA-54 (bg)



Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

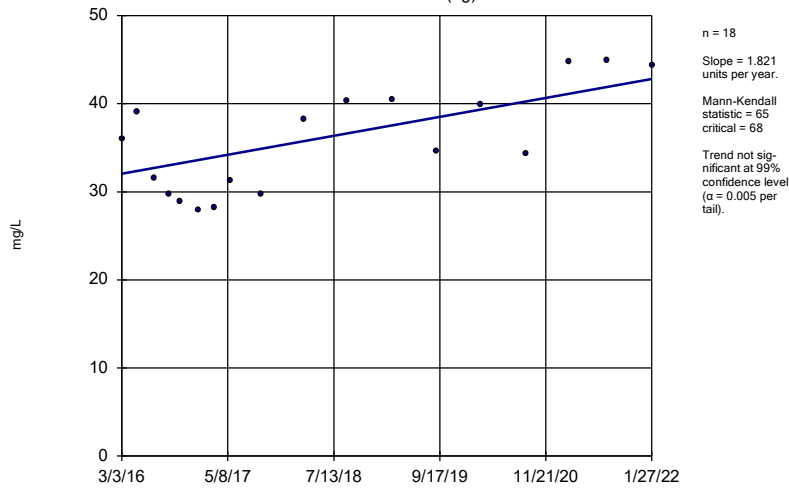
GWA-55 (bg)



Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

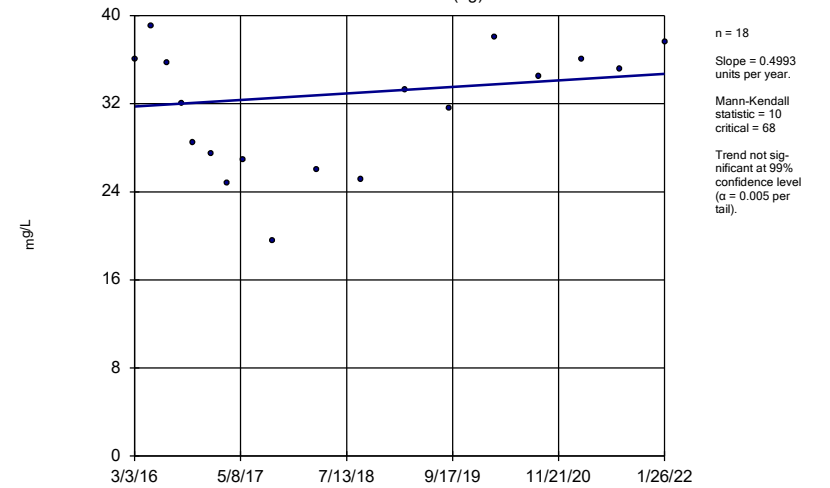
GWA-55R (bg)



Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

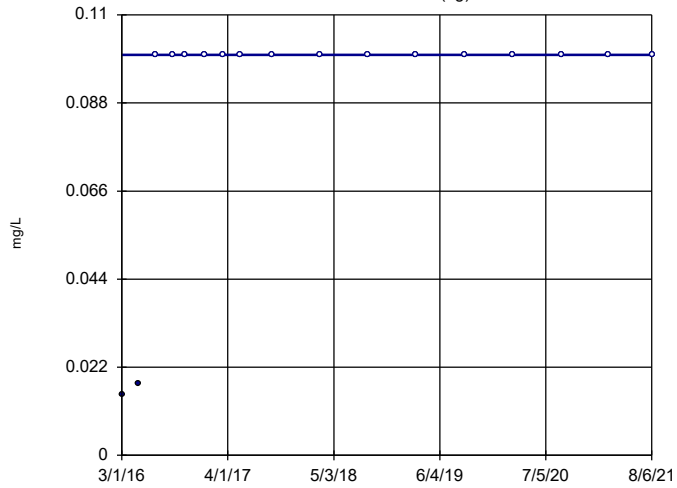
GWA-56 (bg)



Constituent: Calcium Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

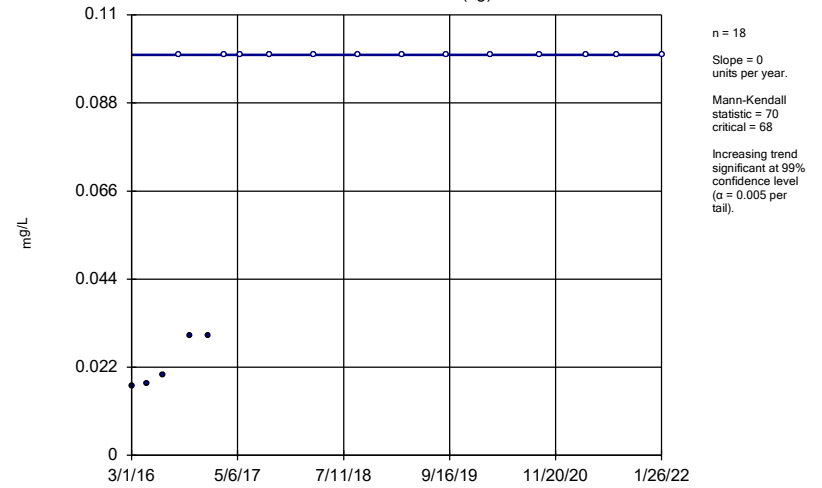
GWA-36 (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

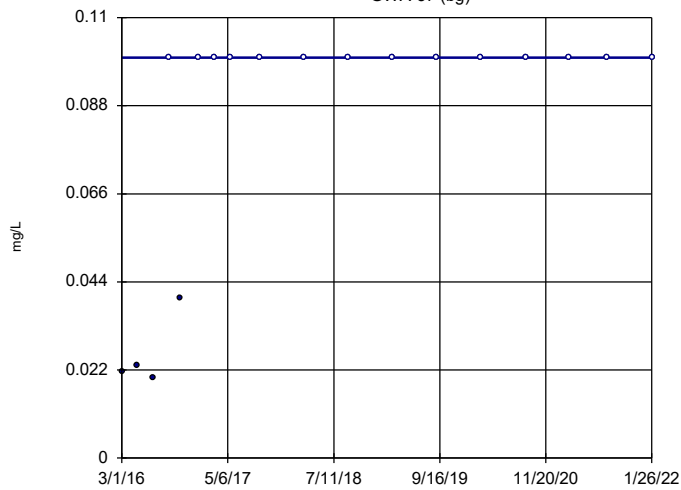
GWA-36RA (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

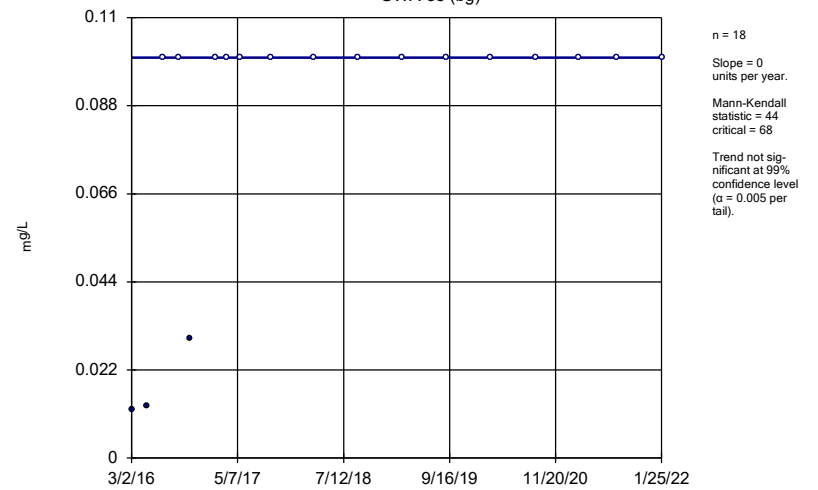
GWA-37 (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

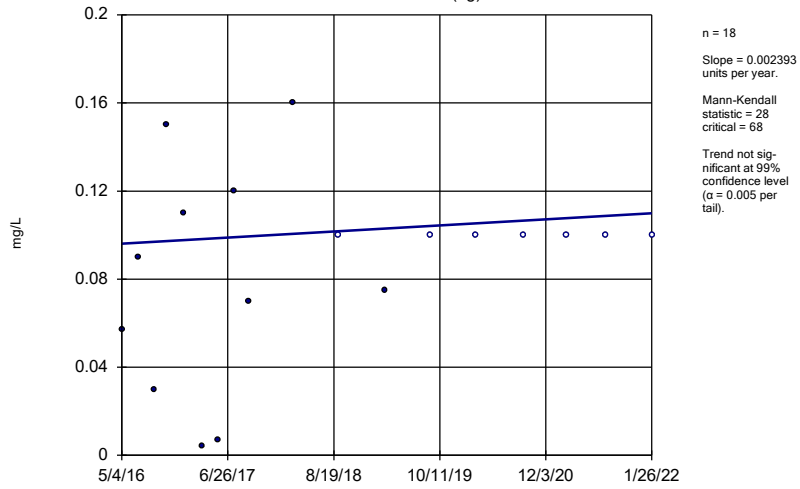
GWA-38 (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

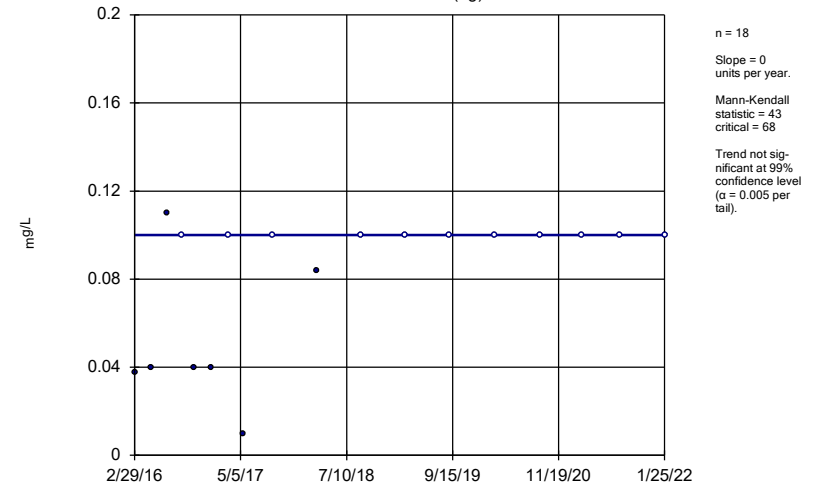
GWA-51RZ (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

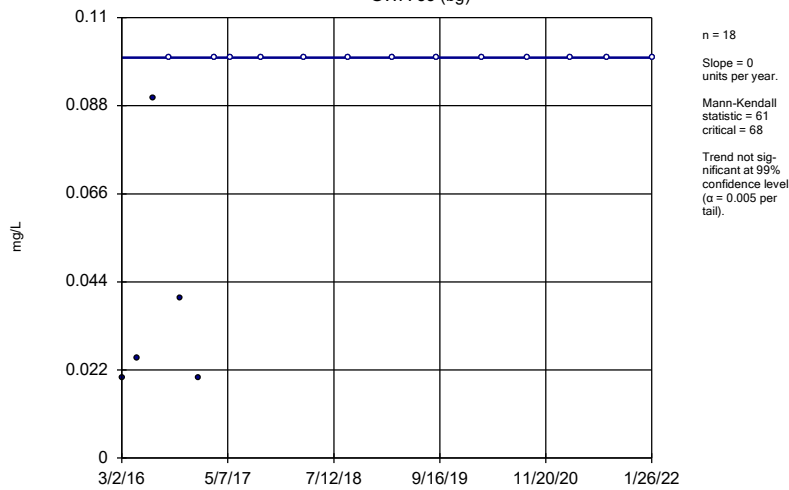
GWA-52 (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

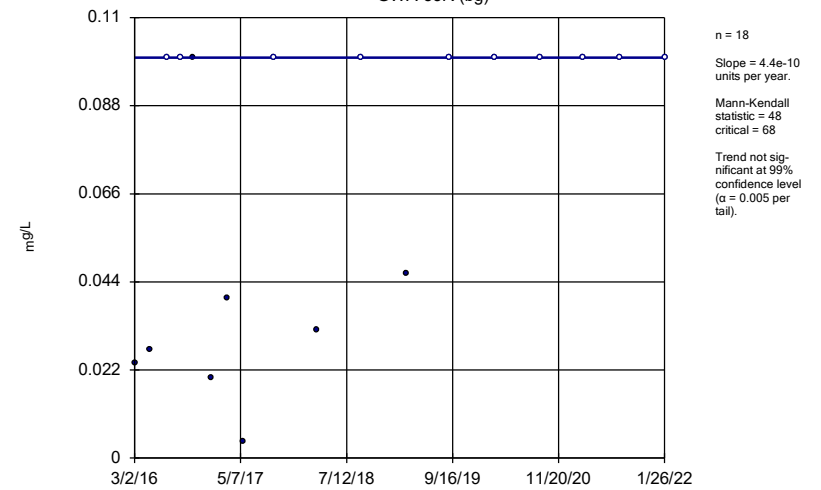
GWA-53 (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

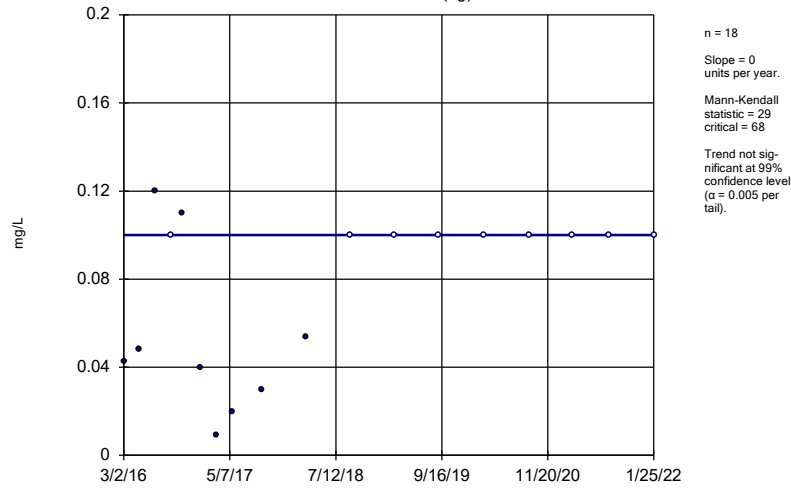
Sen's Slope Estimator

GWA-53R (bg)



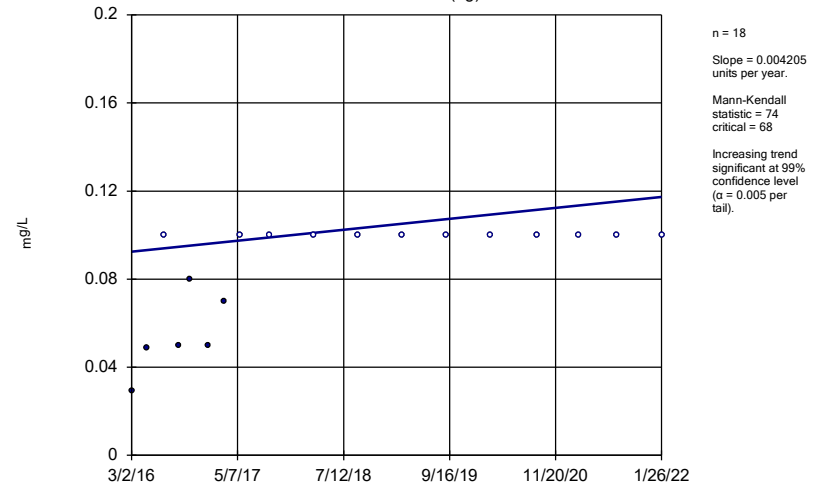
Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-54 (bg)



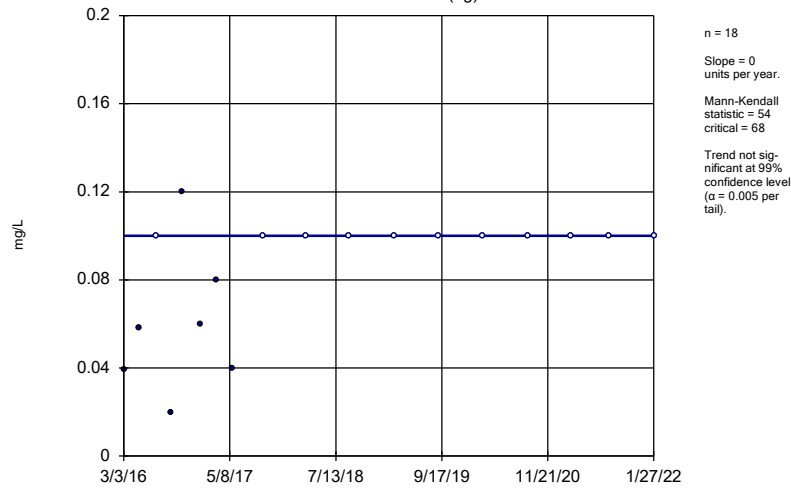
Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-55 (bg)



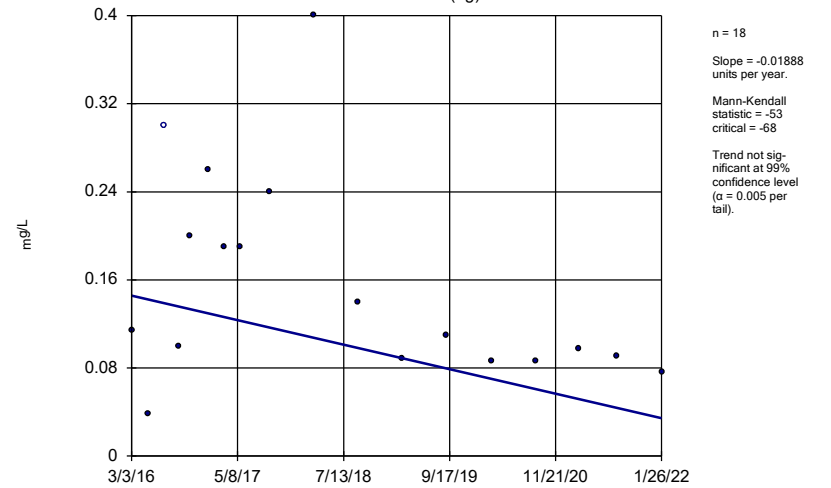
Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-55R (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-56 (bg)



Constituent: Fluoride Analysis Run 4/12/2022 3:13 PM View: Trend Testing - Upgradient Wells
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

FIGURE G.

Intrawell Prediction Limits Appendix I - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Antimony (mg/L)	GWC-16R	0.02603	n/a	1/28/2022	0.027	Yes	26	0.07942	0.03348	38.46	Kaplan-Meier sqrt(x)	0.0002993	Param Intra 1 of 2	
Barium (mg/L)	GWA-51RZ	0.03198	n/a	1/26/2022	0.034	Yes	26	0.01562	0.006685	0	None	No	0.0002993	Param Intra 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-36	0.0032	n/a	n/a	1 future	n/a	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-36RA	0.003	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-37	0.004519	n/a	1/26/2022	0.003ND	No	26	0.00223	0.0009357	34.62	Kaplan-Meier	No	0.0002993	Param Intra 1 of 2
Antimony (mg/L)	GWA-38	0.003	n/a	1/25/2022	0.003ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-51RZ	0.0033	n/a	1/26/2022	0.003ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-52	0.003	n/a	1/25/2022	0.003ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-53	0.003	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-53R	0.0034	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	46.15	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-54	0.003	n/a	1/25/2022	0.003ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-55	0.003	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-55R	0.003	n/a	1/27/2022	0.003ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-56	0.003	n/a	1/26/2022	0.003ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-16R	0.02603	n/a	1/28/2022	0.027	Yes	26	0.07942	0.03348	38.46	Kaplan-Meier	sqrt(x)	0.0002993	Param Intra 1 of 2
Antimony (mg/L)	GWC-17R	0.003	n/a	1/28/2022	0.003ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	1/28/2022	0.003ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18R	0.003	n/a	1/27/2022	0.003ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-20R	0.003	n/a	1/27/2022	0.003ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-21R	0.008799	n/a	1/28/2022	0.0061	No	26	0.06001	0.01382	38.46	Kaplan-Meier	sqrt(x)	0.0002993	Param Intra 1 of 2
Antimony (mg/L)	GWC-23R	0.003	n/a	1/28/2022	0.003ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.003ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-25R	0.003	n/a	1/27/2022	0.003ND	No	25	n/a	n/a	72	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.0019J	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-38	0.0062	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-51RZ	0.0074	n/a	1/26/2022	0.0047J	No	25	n/a	n/a	40	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.003J	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.0019J	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.0015J	No	26	n/a	n/a	65.38	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-16R	0.005	n/a	1/28/2022	0.005ND	No	25	n/a	n/a	56	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-17R	0.0053	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-19R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-20R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21R	0.0071	n/a	1/28/2022	0.0031J	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-22R	0.005	n/a	1/27/2022	0.0045J	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23R	0.006	n/a	1/28/2022	0.0026J	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.0021J	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-36	0.02047	n/a	n/a	1 future	n/a	21	0.01331	0.002813	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-36RA	0.03814	n/a	1/26/2022	0.035	No	26	0.0232	0.00611	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-37	0.01361	n/a	1/26/2022	0.0046J	No	26	0.007654	0.002436	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-38	0.0171	n/a	1/25/2022	0.012	No	25	0.1121	0.007602	0	None	sqrt(x)	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-51RZ	0.03198	n/a	1/26/2022	0.034	Yes	26	0.01562	0.006685	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-52	0.04546	n/a	1/25/2022	0.023	No	26	0.02661	0.007708	3.846	None	No	0.0002993	Param Intra 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Obsrv.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWA-53	0.02105	n/a	1/26/2022	0.013	No	21	0.1187	0.01038	4.762	None	sqrt(x)	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-53R	0.01644	n/a	1/26/2022	0.014	No	26	0.01446	0.000809	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-54	0.058	n/a	1/25/2022	0.031	No	26	n/a	n/a	3.846	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-55	0.03589	n/a	1/26/2022	0.026	No	26	0.02376	0.004961	3.846	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-55R	0.08351	n/a	1/27/2022	0.032	No	26	0.04659	0.01509	3.846	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWA-56	0.04433	n/a	1/26/2022	0.032	No	26	0.026	0.007497	3.846	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-16R	0.07407	n/a	1/28/2022	0.049	No	26	0.04775	0.01076	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-17R	0.02164	n/a	1/28/2022	0.018	No	25	0.01957	0.0008404	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04773	n/a	1/28/2022	0.044	No	25	0.02719	0.008349	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-18R	0.01679	n/a	1/27/2022	0.014	No	23	4.1e-8	1.5e-8	4.348	None	x^4	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-19R	0.01836	n/a	1/27/2022	0.016	No	25	0.01594	0.0009874	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-20R	0.03538	n/a	1/27/2022	0.028	No	26	0.02974	0.002305	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-21R	0.04026	n/a	1/28/2022	0.037	No	26	0.02498	0.006248	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-22R	0.06902	n/a	1/27/2022	0.06	No	26	0.03979	0.01195	3.846	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-23R	0.04074	n/a	1/28/2022	0.036	No	26	0.0263	0.005901	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-24R	0.03243	n/a	1/28/2022	0.025	No	25	0.02258	0.004006	0	None	No	0.0002993	Param Intra 1 of 2
Barium (mg/L)	GWC-25R	0.018	n/a	1/27/2022	0.017	No	26	n/a	n/a	0	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWA-36	0.003	n/a	n/a	1 future	n/a	26	n/a	n/a	26.92	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWA-36RA	0.002299	n/a	1/26/2022	0.0005ND	No	26	-8.678	1.064	42.31	Kaplan-Meier	ln(x)	0.0002993	Param Intra 1 of 2
Beryllium (mg/L)	GWA-37	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-38	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-51RZ	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-52	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-53	0.003	n/a	1/26/2022	0.00007J	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-53R	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-54	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-55	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-55R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-56	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18	0.0005	n/a	1/28/2022	0.0005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18R	0.003	n/a	1/27/2022	0.000055J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-20R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-36	0.00164	n/a	n/a	1 future	n/a	26	0.000916	0.0002961	11.54	None	No	0.0002993	Param Intra 1 of 2
Cadmium (mg/L)	GWA-36RA	0.0006434	n/a	1/26/2022	0.0005ND	No	26	-8.6	0.5115	30.77	Kaplan-Meier	ln(x)	0.0002993	Param Intra 1 of 2
Cadmium (mg/L)	GWA-37	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-38	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-51RZ	0.00055	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-52	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-53	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-53R	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-54	0.0005	n/a	1/25/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-55	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-55R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-56	0.0005	n/a	1/26/2022	0.0005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	1/28/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21R	0.0005	n/a	1/28/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-22R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-25R	0.0005	n/a	1/27/2022	0.0005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Chromium (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.005ND	No	25	n/a	n/a	84	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-38	0.01	n/a	1/25/2022	0.0014J	No	26	n/a	n/a	19.23	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-51RZ	0.02	n/a	1/26/2022	0.005ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.0012J	No	26	n/a	n/a	53.85	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-54	0.01	n/a	1/25/2022	0.0013J	No	26	n/a	n/a	34.62	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-16R	0.01	n/a	1/28/2022	0.0011J	No	26	n/a	n/a	57.69	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-17R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.01381	n/a	1/28/2022	0.0014J	No	24	-5.871	0.6401	12.5	None	ln(x)	0.0002993	Param Intra 1 of 2
Chromium (mg/L)	GWC-18R	0.008	n/a	1/27/2022	0.0015J	No	22	n/a	n/a	63.64	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-38	0.003071	n/a	1/25/2022	0.0011J	No	22	0.001593	0.0005858	0	None	No	0.0002993	Param Intra 1 of 2
Cobalt (mg/L)	GWA-51RZ	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-55	0.007162	n/a	1/26/2022	0.0035J	No	26	0.03851	0.01885	30.77	Kaplan-Meier	sqrt(x)	0.0002993	Param Intra 1 of 2
Cobalt (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-16R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	23.08	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21R	0.0183	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-22R	0.01	n/a	1/27/2022	0.0011J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-37	0.0272	n/a	1/26/2022	0.013	No	16	0.01153	0.005785	6.25	None	No	0.0002993	Param Intra 1 of 2
Copper (mg/L)	GWA-38	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-51RZ	0.0066	n/a	1/26/2022	0.005ND	No	20	n/a	n/a	65	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Copper (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-16R	0.025	n/a	1/28/2022	0.00088J	No	21	n/a	n/a	19.05	n/a	n/a	0.003999 NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-17R	0.0124	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21R	0.01	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23R	0.005	n/a	1/28/2022	0.00068J	No	21	n/a	n/a	66.67	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-36	0.0025	n/a	n/a	1 future	n/a	26	n/a	n/a	57.69	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-36RA	0.001	n/a	1/26/2022	0.001ND	No	25	n/a	n/a	68	n/a	n/a	0.002832 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-37	0.001	n/a	1/26/2022	0.001ND	No	25	n/a	n/a	88	n/a	n/a	0.002832 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-38	0.0047	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-51RZ	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-52	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-53	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-53R	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	76.92	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-54	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-55	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-55R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-56	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-16R	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-17R	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21R	0.0016	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23R	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-24R	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-25R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-36	0.00021	n/a	n/a	1 future	n/a	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-36RA	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-37	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-38	0.0002	n/a	1/25/2022	0.0002ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-51RZ	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-52	0.0002	n/a	1/25/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-53	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-53R	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-54	0.0002	n/a	1/25/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-55	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-55R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-56	0.0002	n/a	1/26/2022	0.0002ND	No	26	n/a	n/a	100	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-16R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-17R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667 NP Intra (NDs) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Mercury (mg/L)	GWC-18R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-21R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-22R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-23R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-24R	0.0002	n/a	1/28/2022	0.0002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-25R	0.0002	n/a	1/27/2022	0.0002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-36	0.0142	n/a	n/a	1 future	n/a	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-36RA	0.01	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-37	0.02695	n/a	1/26/2022	0.016	No	21	0.01321	0.005401	4.762	None	No	0.0002993	Param Intra 1 of 2
Nickel (mg/L)	GWA-38	0.01241	n/a	1/25/2022	0.00093J	No	21	-6.322	0.7598	23.81	Kaplan-Meier	ln(x)	0.0002993	Param Intra 1 of 2
Nickel (mg/L)	GWA-51RZ	0.005	n/a	1/26/2022	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-16R	0.0265	n/a	1/28/2022	0.0063	No	17	0.01164	0.005561	5.882	None	No	0.0002993	Param Intra 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21R	0.01	n/a	1/28/2022	0.0014J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-22R	0.005	n/a	1/27/2022	0.00076J	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-24R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-25R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-38	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-51RZ	0.01	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	38.46	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	26	n/a	n/a	100	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-55	0.01	n/a	1/26/2022	0.0025J	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.0016J	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-23R	0.005	n/a	1/28/2022	0.005ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-36	0.005	n/a	n/a	1 future	n/a	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-36RA	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-37	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-38	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-51RZ	0.005	n/a	1/26/2022	0.005ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-52	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-53	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-53R	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-54	0.005	n/a	1/25/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

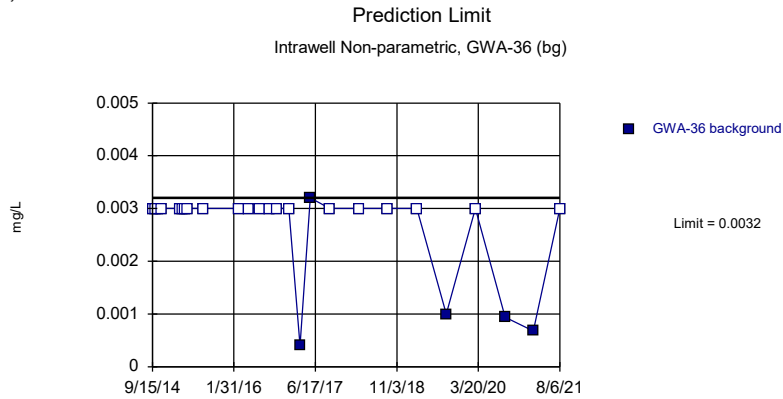
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Silver (mg/L)	GWA-55	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2	
Silver (mg/L)	GWA-55R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2	
Silver (mg/L)	GWA-56	0.005	n/a	1/26/2022	0.005ND	No	21	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2	
Silver (mg/L)	GWC-16R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Silver (mg/L)	GWC-17R	0.005	n/a	1/28/2022	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2	
Silver (mg/L)	GWC-18R	0.005	n/a	1/27/2022	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-36	0.001	n/a	n/a	1 future	n/a	26	n/a	n/a	92.31	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-36RA	0.001	n/a	1/26/2022	0.001ND	No	25	n/a	n/a	92	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-37	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-38	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-51RZ	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	69.23	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-52	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-53	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	65.38	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-53R	0.001	n/a	1/26/2022	0.001ND	No	25	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-54	0.001	n/a	1/25/2022	0.001ND	No	26	n/a	n/a	57.69	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-55	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	65.38	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-55R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	96.15	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWA-56	0.001	n/a	1/26/2022	0.001ND	No	26	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWC-16R	0.001104	n/a	1/28/2022	0.001ND	No	26	0.01531	0.007327	26.92	Kaplan-Meier	sqrt(x)	Param Intra 1 of 2	
Thallium (mg/L)	GWC-18	0.001	n/a	1/28/2022	0.001ND	No	26	n/a	n/a	50	n/a	n/a	NP Intra (normality) 1 of 2	
Thallium (mg/L)	GWC-20R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	57.69	n/a	n/a	NP Intra (NDs) 1 of 2	
Thallium (mg/L)	GWC-21R	0.001	n/a	1/28/2022	0.00021J	No	26	n/a	n/a	46.15	n/a	n/a	NP Intra (normality) 1 of 2	
Thallium (mg/L)	GWC-22R	0.001	n/a	1/27/2022	0.001ND	No	26	n/a	n/a	46.15	n/a	n/a	NP Intra (normality) 1 of 2	
Thallium (mg/L)	GWC-23R	0.001	n/a	1/28/2022	0.001ND	No	24	n/a	n/a	33.33	n/a	n/a	NP Intra (normality) 1 of 2	
Vanadium (mg/L)	GWA-36	0.01	n/a	n/a	1 future	n/a	21	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-36RA	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	76.19	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-37	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	85.71	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-38	0.01	n/a	1/25/2022	0.01ND	No	21	n/a	n/a	66.67	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-51RZ	0.016	n/a	1/26/2022	0.01ND	No	19	n/a	n/a	57.89	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-52	0.01	n/a	1/25/2022	0.01ND	No	21	n/a	n/a	85.71	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-53	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-53R	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-54	0.01	n/a	1/25/2022	0.01ND	No	21	n/a	n/a	80.95	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-55	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-55R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	80.95	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWA-56	0.01	n/a	1/26/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-16R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	52.38	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-17R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-18	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-18R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-19R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-20R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-21R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	90.48	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-22R	0.01	n/a	1/27/2022	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-23R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	76.19	n/a	n/a	NP Intra (NDs) 1 of 2	
Vanadium (mg/L)	GWC-24R	0.01	n/a	1/28/2022	0.01ND	No	21	n/a	n/a	71.43	n/a	n/a	NP Intra (NDs) 1 of 2	
Zinc (mg/L)	GWA-36	0.6847	n/a	n/a	1 future	n/a	16	0.3681	0.1169	0	None	No	0.0002993	Param Intra 1 of 2
Zinc (mg/L)	GWA-36RA	0.2188	n/a	1/26/2022	0.02ND	No	20	0.2304	0.09255	5	None	sqrt(x)	0.0002993	Param Intra 1 of 2
Zinc (mg/L)	GWA-37	0.01868	n/a	1/26/2022	0.02ND	No	21	0.08422	0.02062	4.762	None	sqrt(x)	0.0002993	Param Intra 1 of 2
Zinc (mg/L)	GWA-38	0.02	n/a	1/25/2022	0.02ND	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2

Intrawell Prediction Limits Appendix I - All Results

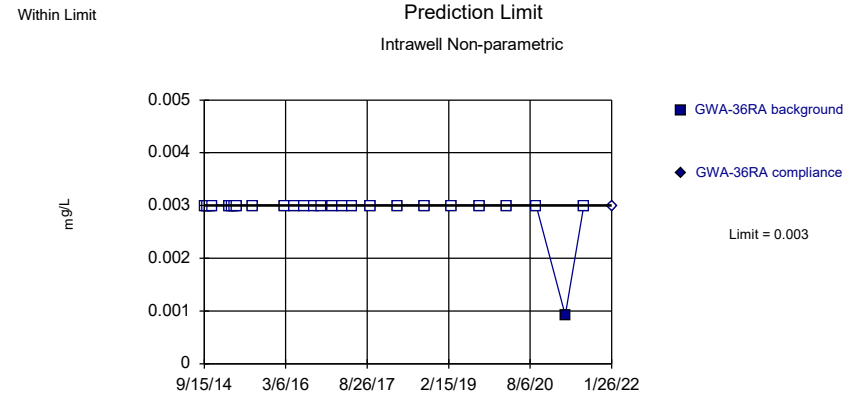
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:02 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
Zinc (mg/L)	GWA-51RZ	0.02272	n/a	1/26/2022	0.02ND	No	19	0.00000268	0.000003478	42.11	Kaplan-Meier	x*3	0.0002993	Param Intra 1 of 2
Zinc (mg/L)	GWA-52	0.02	n/a	1/25/2022	0.02ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-53	0.02	n/a	1/26/2022	0.02ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-53R	0.02	n/a	1/26/2022	0.02ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-54	0.02	n/a	1/25/2022	0.02ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-55	0.02	n/a	1/26/2022	0.02ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-55R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-56	0.02	n/a	1/26/2022	0.02ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-16R	0.1389	n/a	1/28/2022	0.026	No	21	0.2161	0.06154	4.762	None	sqrt(x)	0.0002993	Param Intra 1 of 2
Zinc (mg/L)	GWC-17R	0.0219	n/a	1/28/2022	0.02ND	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-18	0.0225	n/a	1/28/2022	0.02ND	No	21	n/a	n/a	28.57	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-18R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	42.86	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-20R	0.02	n/a	1/27/2022	0.02ND	No	20	n/a	n/a	40	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-21R	0.045	n/a	1/28/2022	0.02ND	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-23R	0.02	n/a	1/28/2022	0.0099J	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-24R	0.02	n/a	1/28/2022	0.02ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-25R	0.02	n/a	1/27/2022	0.02ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2



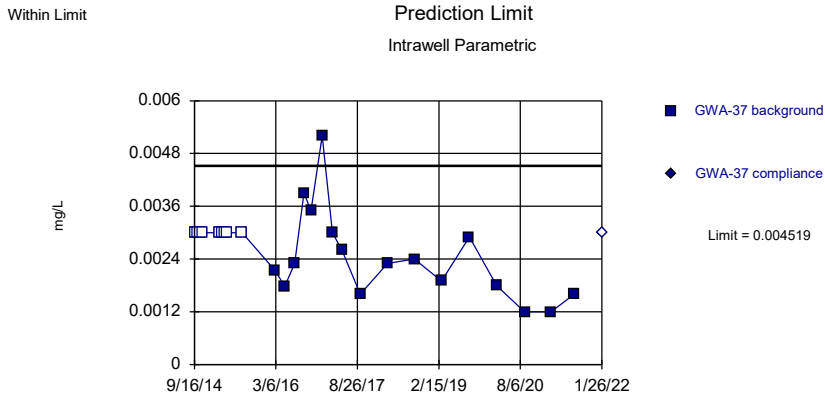
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Assumes 1 future value.

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



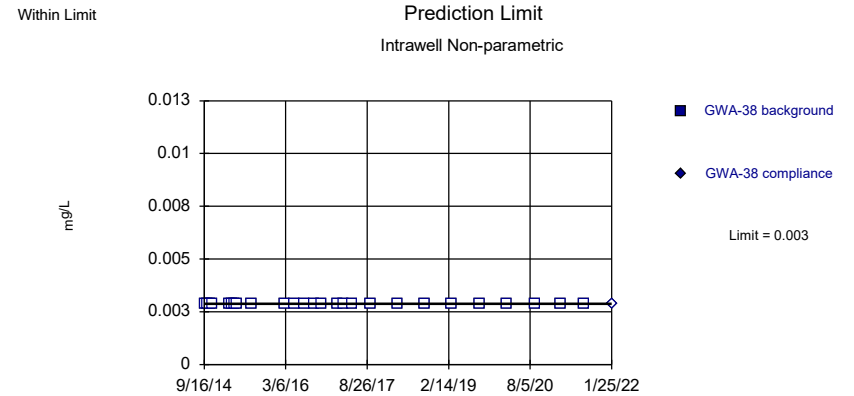
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00223, Std. Dev.=0.0009357, n=26, 34.62% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9094, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

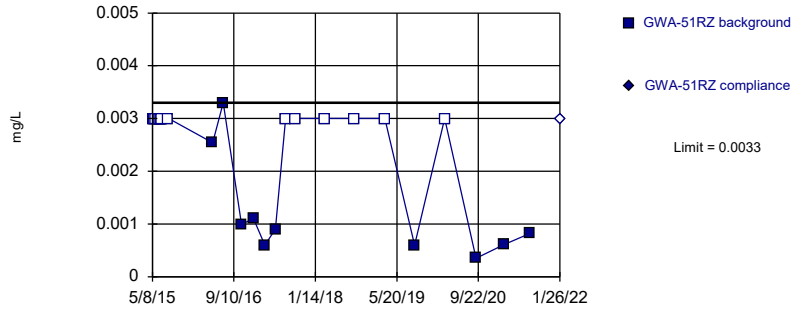


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

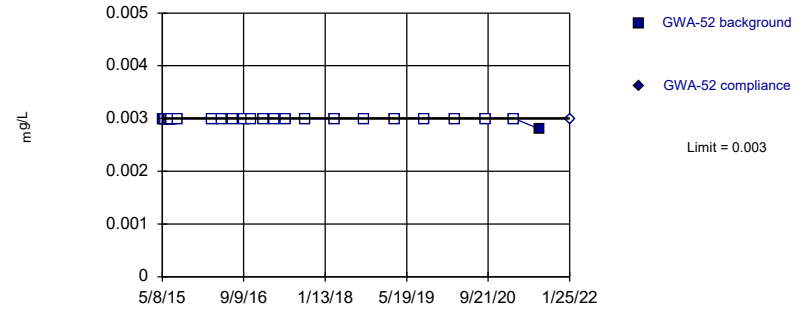


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 60% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

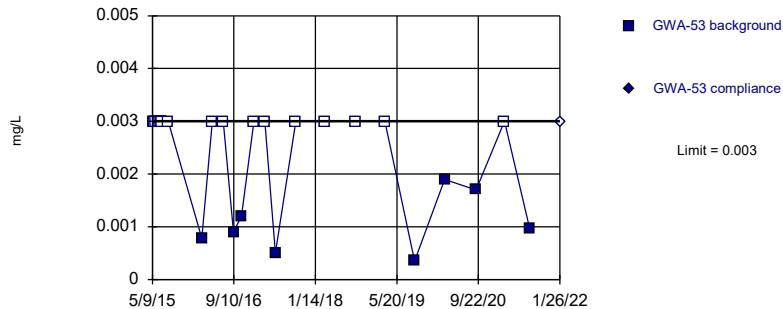


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

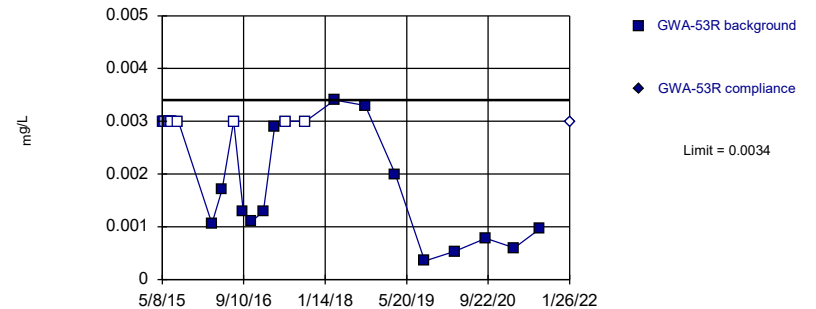


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

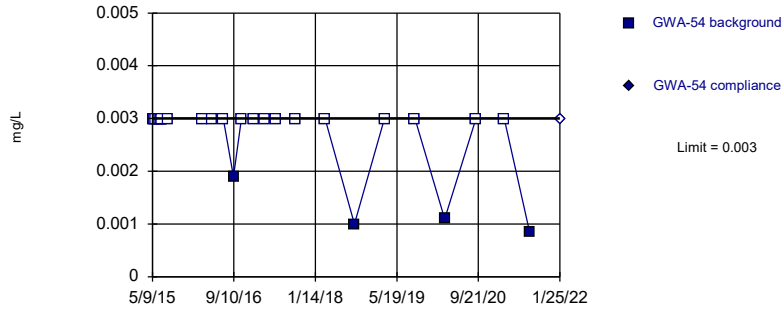


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 46.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

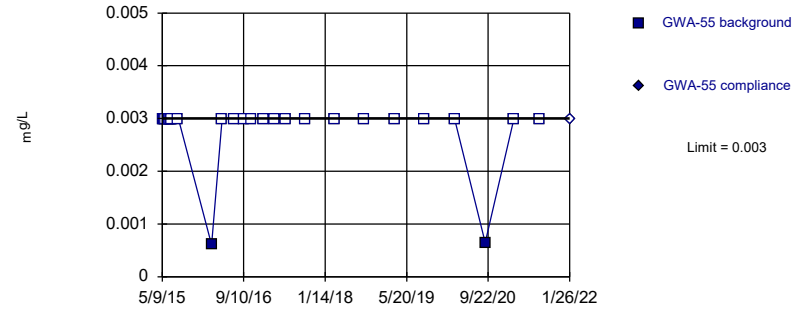


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

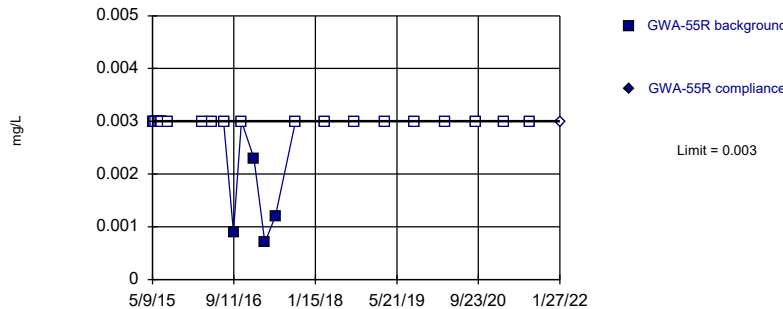


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

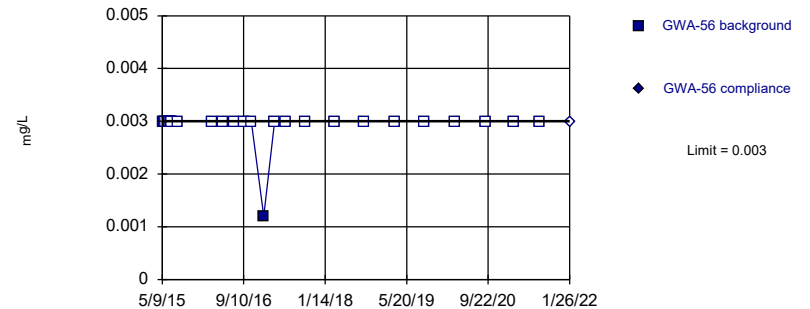


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

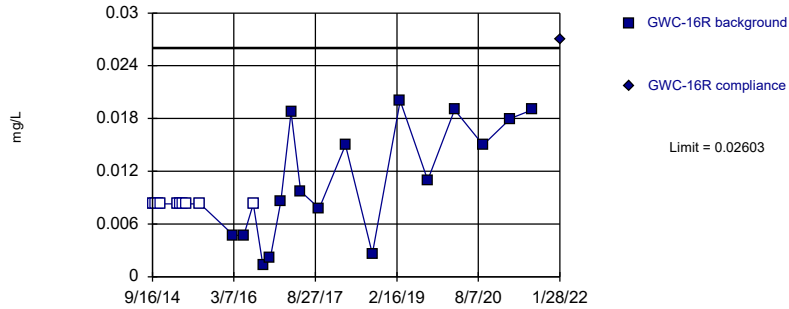


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

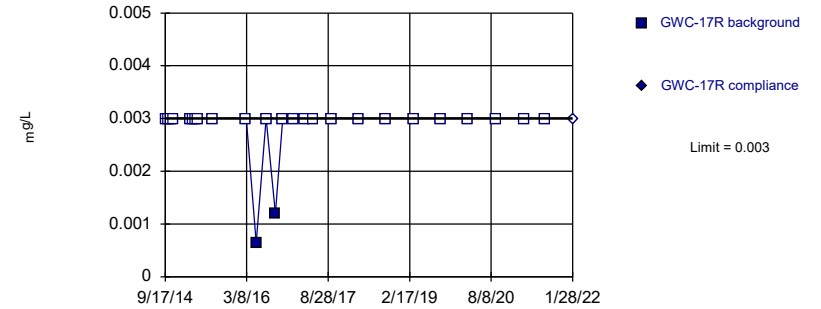


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.07942, Std. Dev.=0.03348, n=26, 38.46% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9041, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

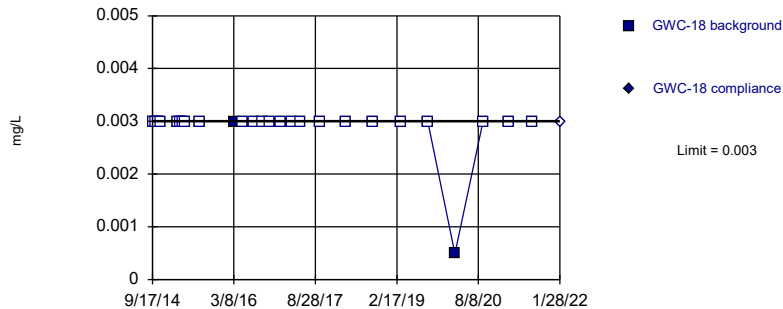


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

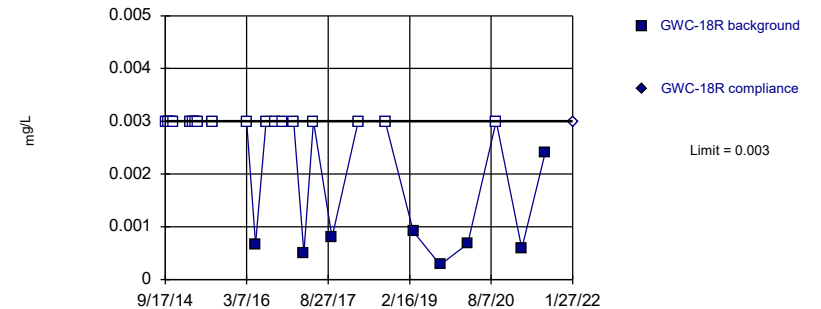


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

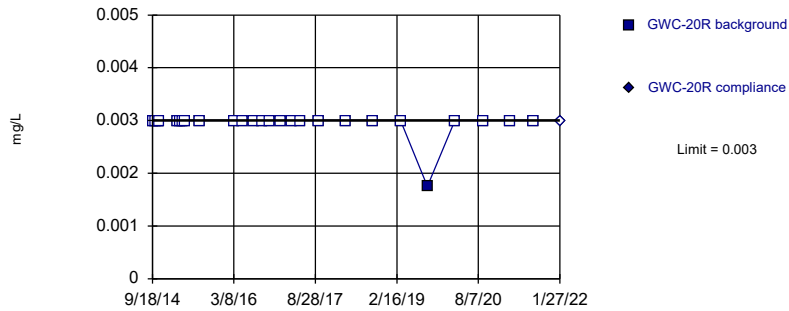


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

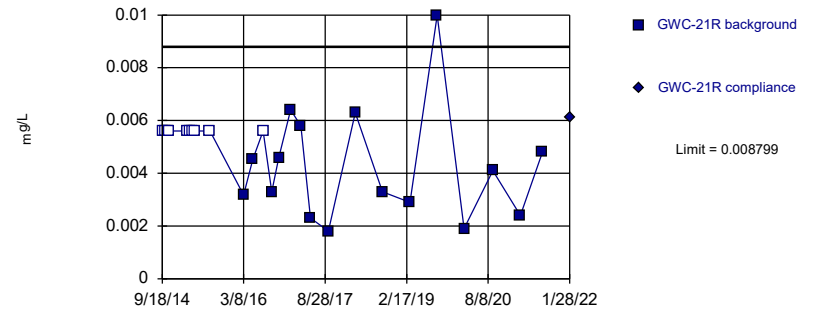


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

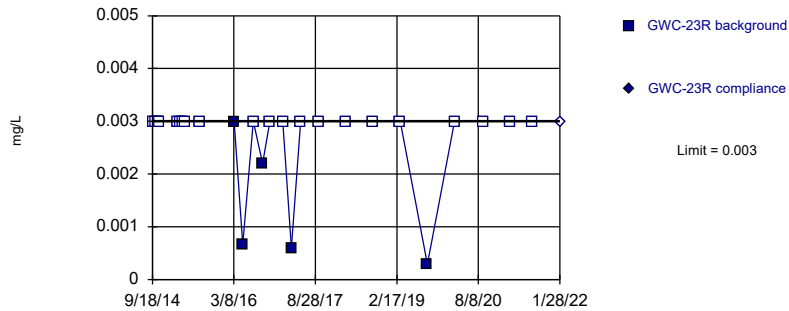


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06001, Std. Dev.=0.01382, n=26, 38.46% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9016, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

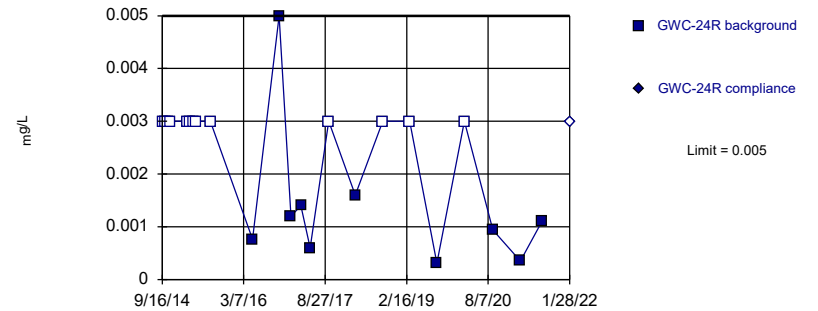


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

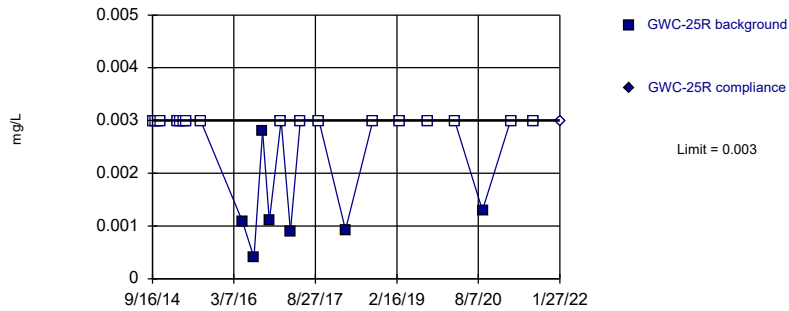


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:19 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

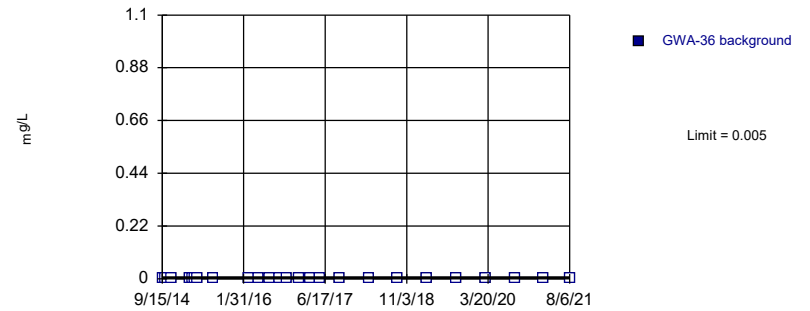


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 72% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Antimony Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric, GWA-36 (bg)

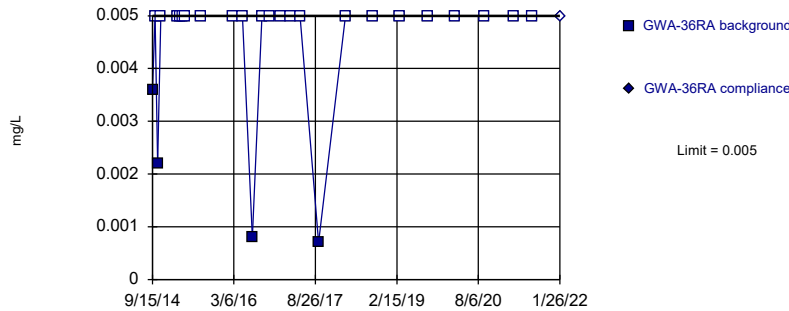


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Assumes 1 future value.

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

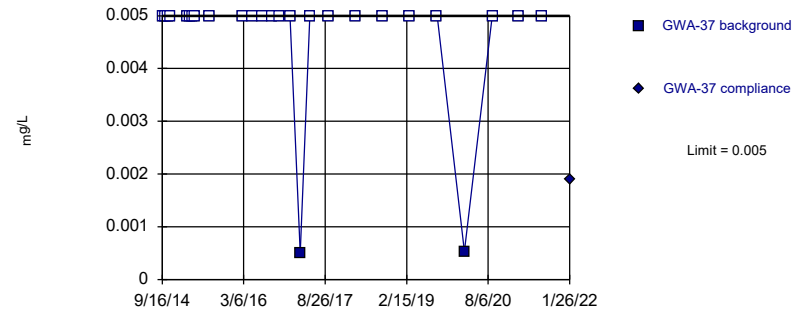


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

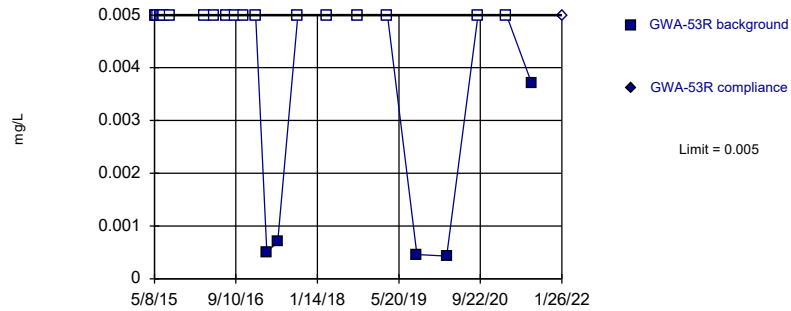


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

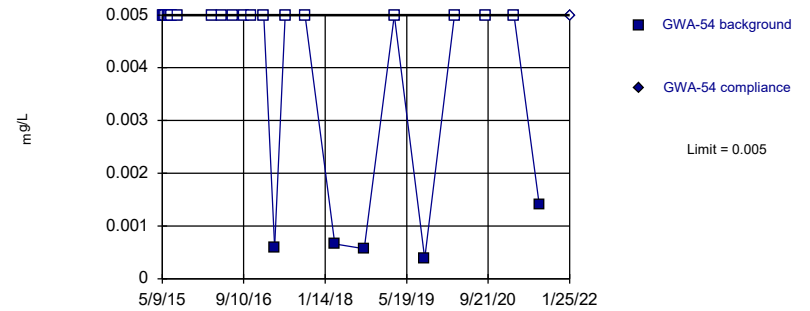


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

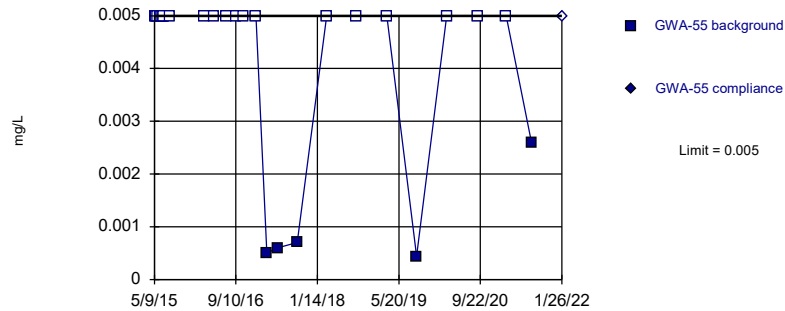


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

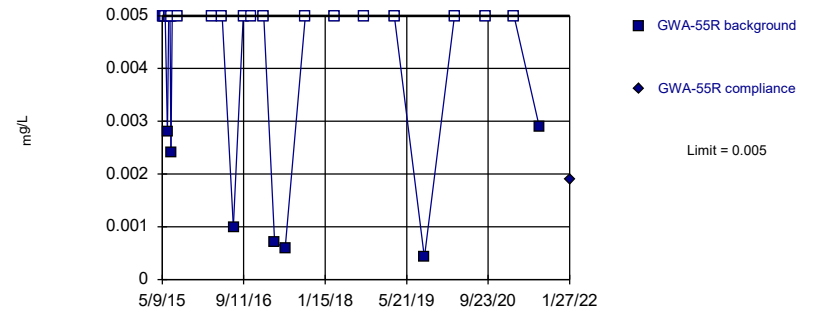


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

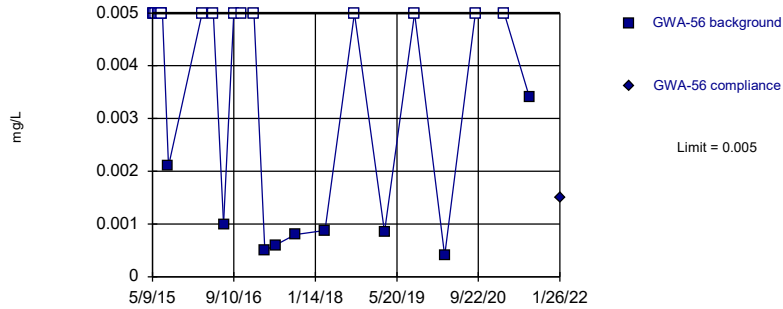


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

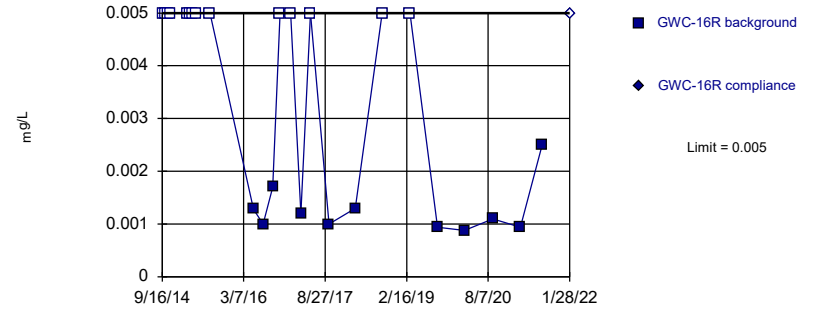


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

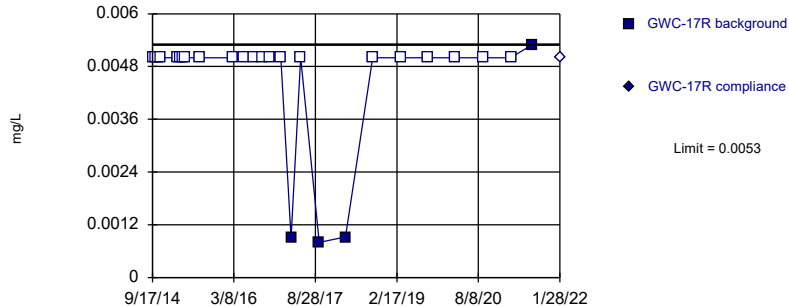


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 56% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

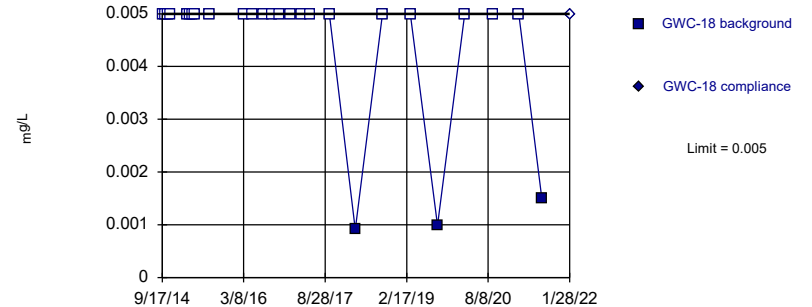


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

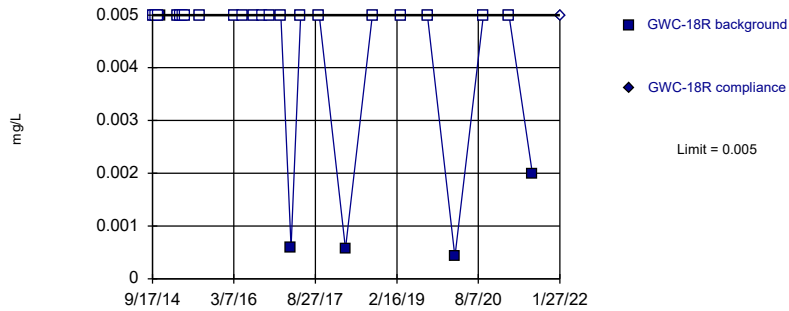


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

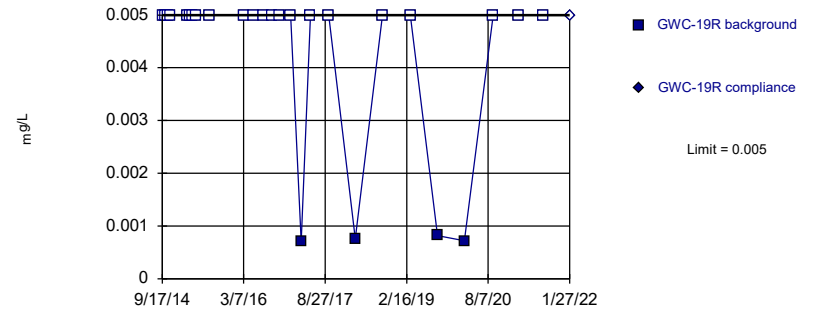


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

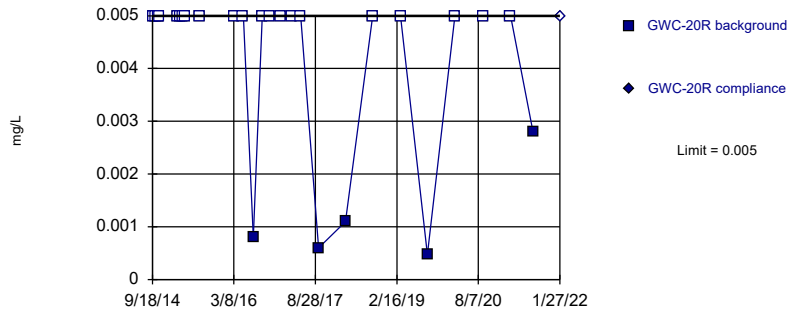


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

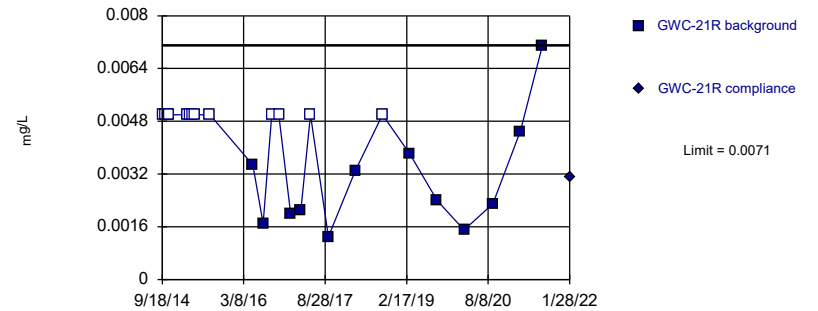


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

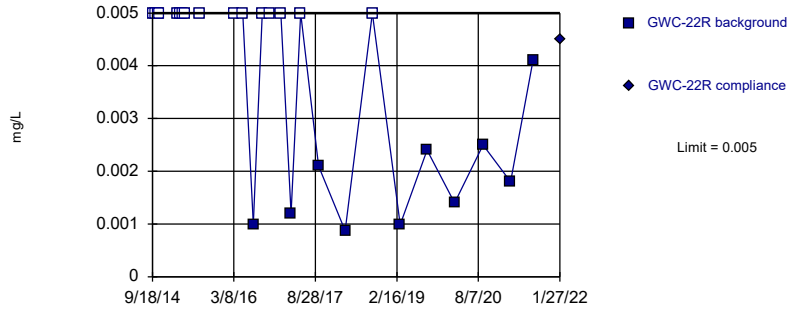


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 52% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

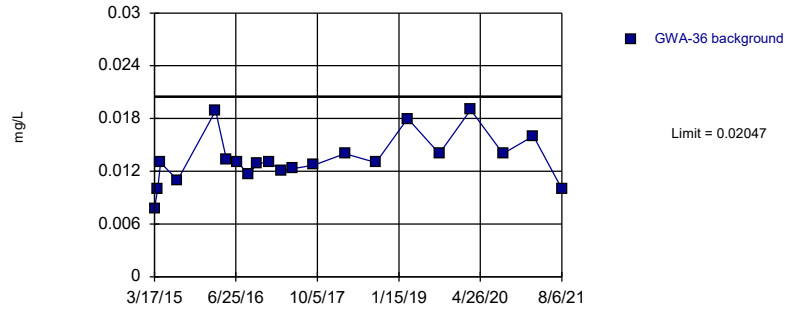
Constituent: Arsenic Analysis Run 4/13/2022 3:20 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



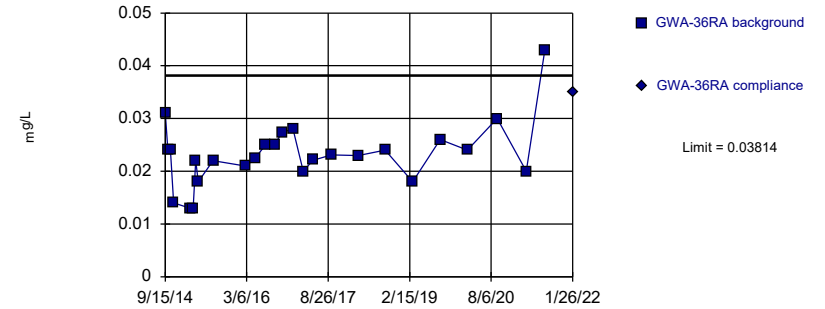
Prediction Limit
Intrawell Parametric, GWA-36 (bg)



Background Data Summary: Mean=0.01331, Std. Dev.=0.002813, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.922, critical = 0.873. Kappa = 2.544 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993. Assumes 1 future value.

Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

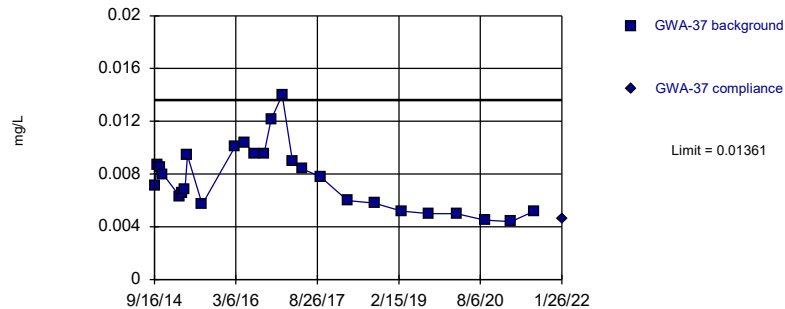
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.0232, Std. Dev.=0.00611, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9075, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

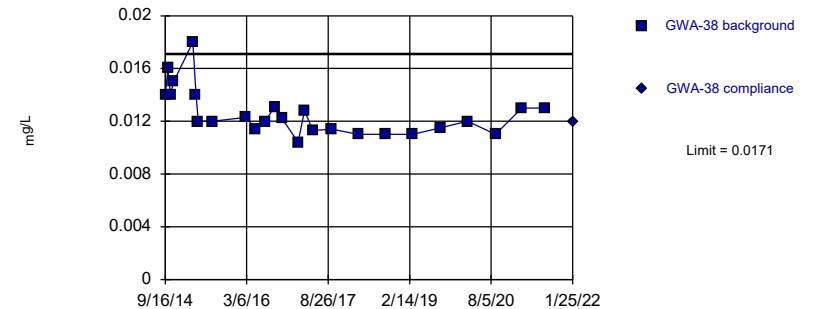
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.007654, Std. Dev.=0.002436, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9409, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Parametric

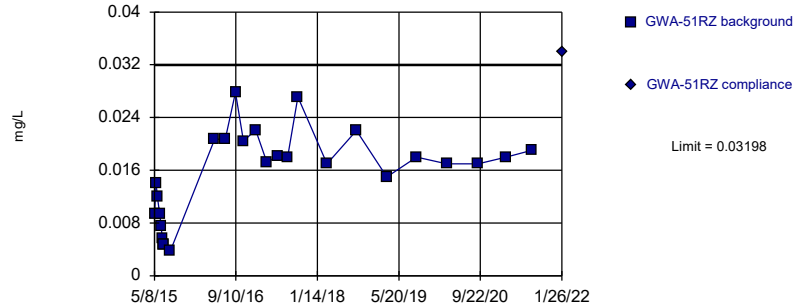


Background Data Summary (based on square root transformation): Mean=0.1121, Std. Dev.=0.007602, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8938, critical = 0.888. Kappa = 2.46 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Exceeds Limit

Prediction Limit
Intrawell Parametric

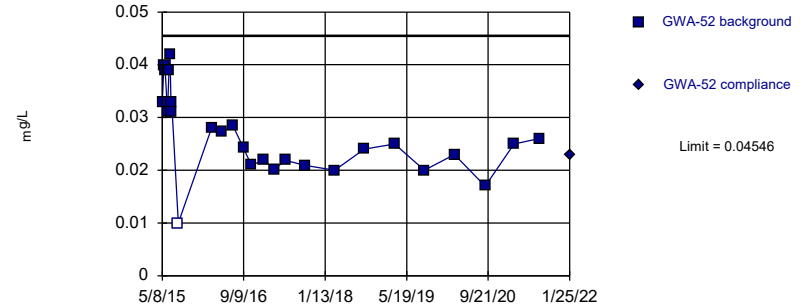


Background Data Summary: Mean=0.01562, Std. Dev.=0.006685, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9368, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

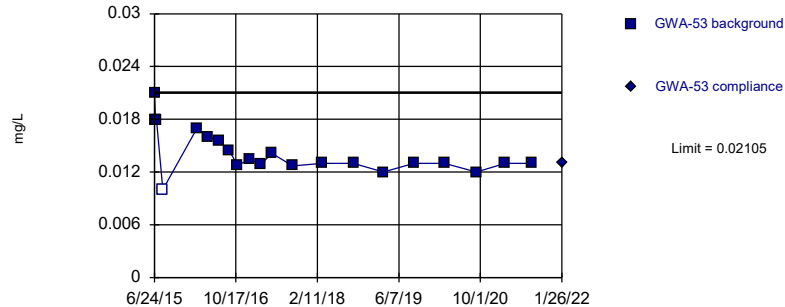


Background Data Summary: Mean=0.02661, Std. Dev.=0.007708, n=26, 3.846% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.955, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

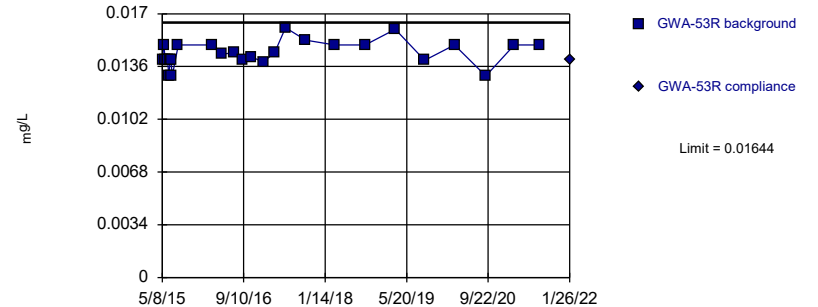


Background Data Summary (based on square root transformation): Mean=0.1187, Std. Dev.=0.01038, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8915, critical = 0.873. Kappa = 2.544 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

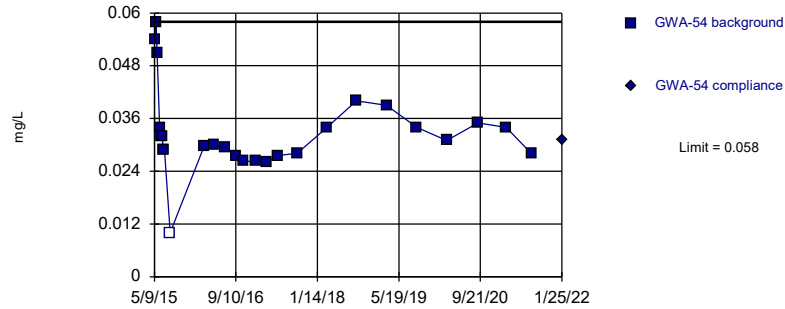


Background Data Summary: Mean=0.01446, Std. Dev.=0.000809, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.925, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

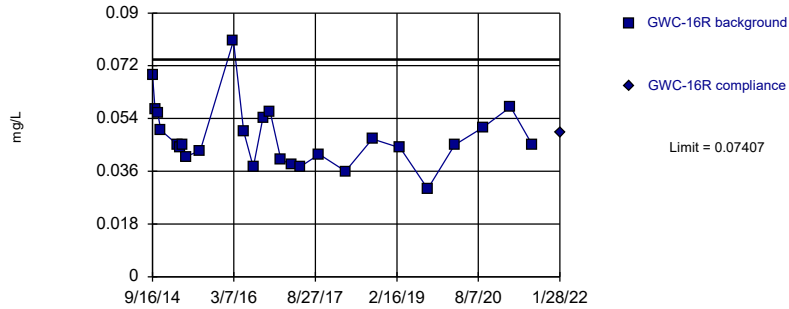
Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



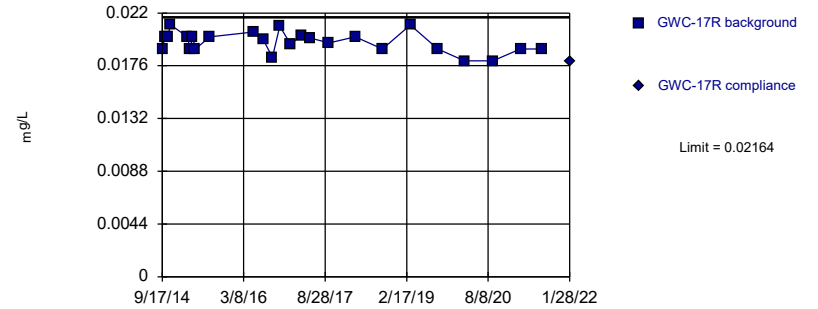
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.04775, Std. Dev.=0.01076, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9115, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

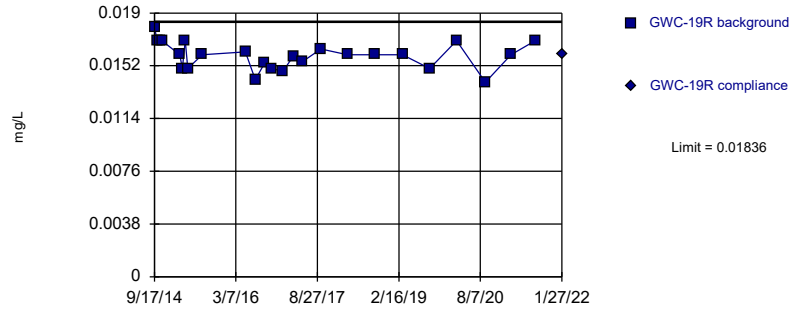
Constituent: Barium Analysis Run 4/13/2022 3:20 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

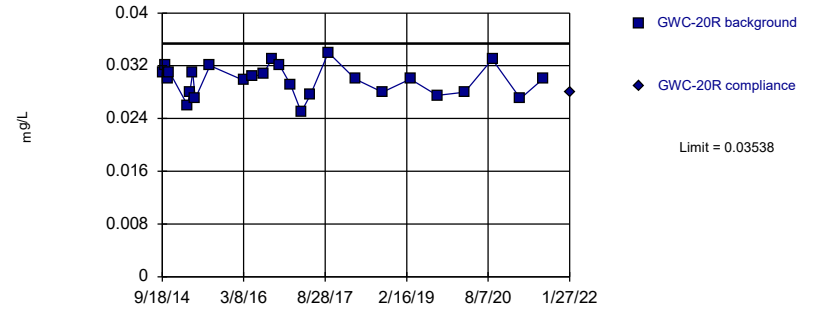


Background Data Summary: Mean=0.01594, Std. Dev.=0.0009874, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9544, critical = 0.888. Kappa = 2.46 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

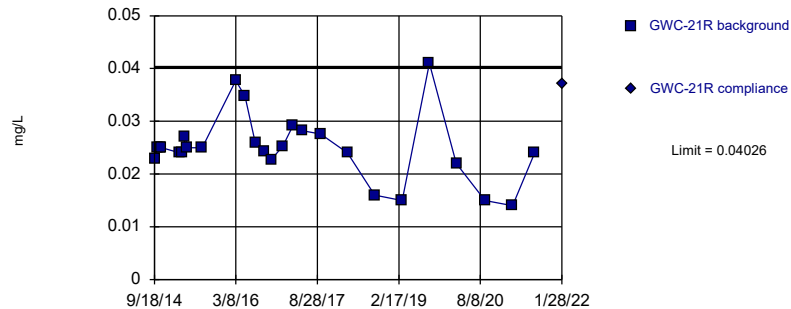


Background Data Summary: Mean=0.02974, Std. Dev.=0.002305, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9748, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

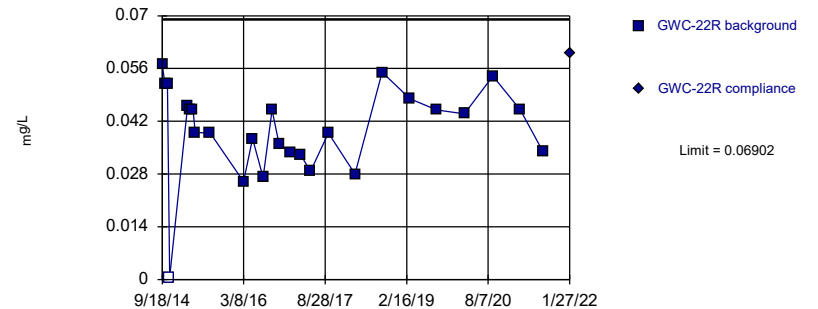


Background Data Summary: Mean=0.02498, Std. Dev.=0.006248, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8933, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

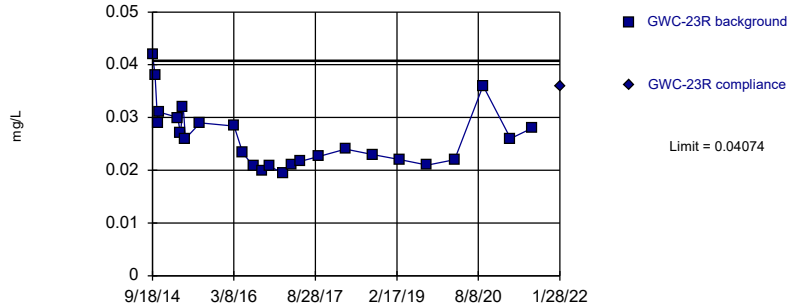
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.03979, Std. Dev.=0.01195, n=26, 3.846% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.906, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

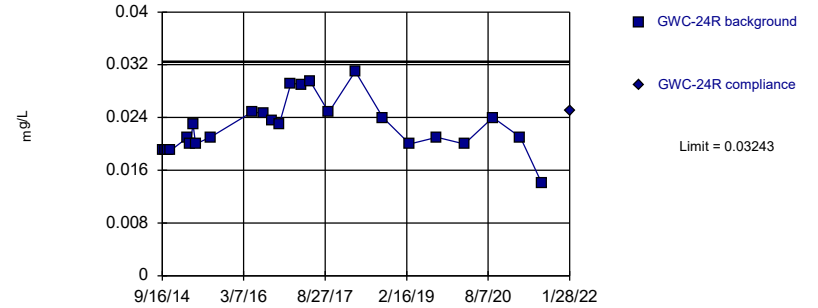
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.0263, Std. Dev.=0.005901, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8941, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

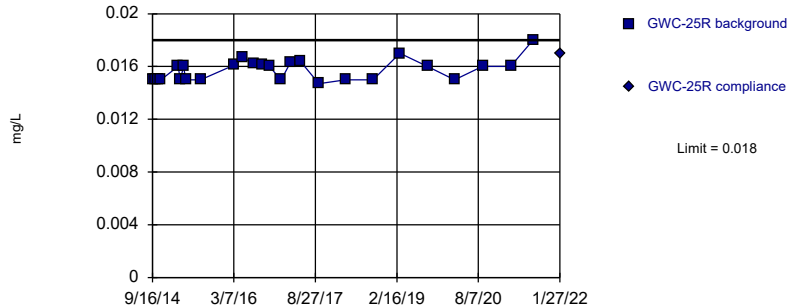
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02258, Std. Dev.=0.004006, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9334, critical = 0.888. Kappa = 2.46 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Barium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

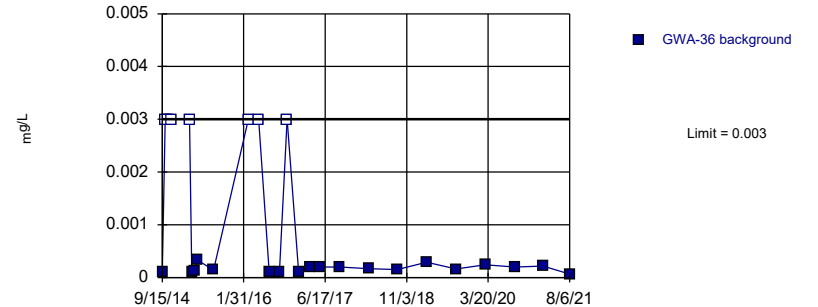
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Barium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Prediction Limit
Intrawell Non-parametric, GWA-36 (bg)

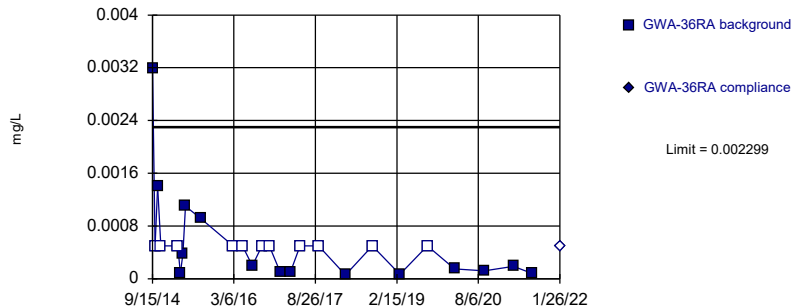


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 26.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Assumes 1 future value.

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

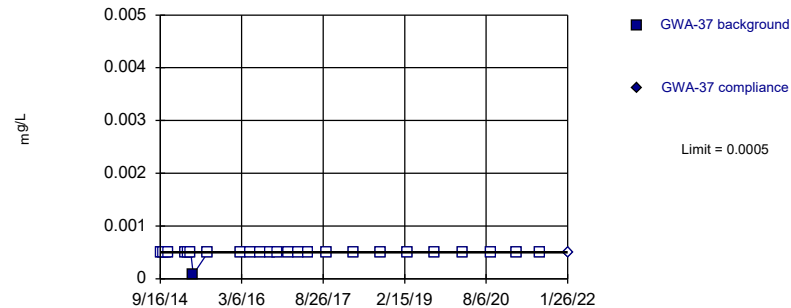


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-8.678, Std. Dev.=1.064, n=26, 42.31% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9183, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

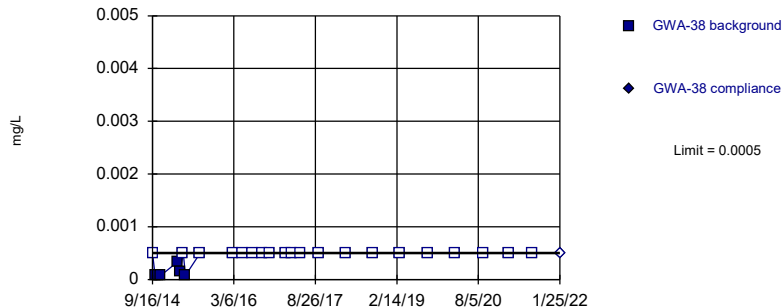


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

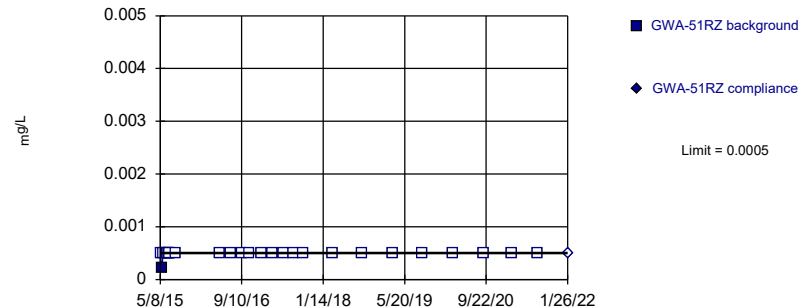


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

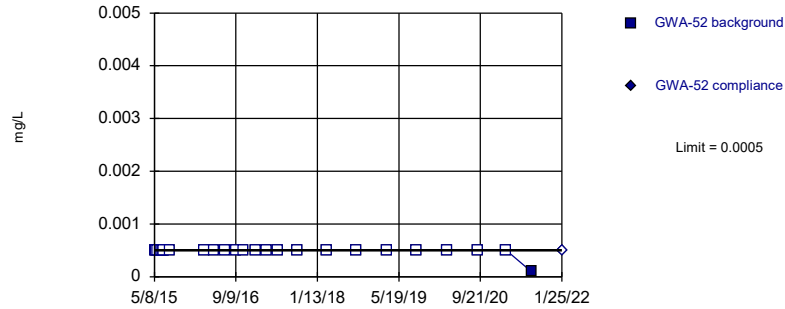


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

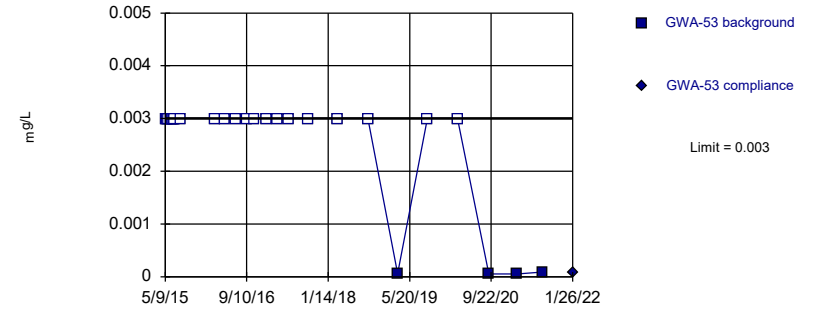


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

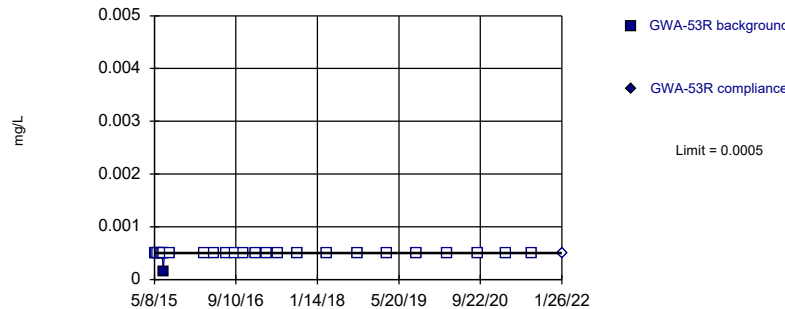


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

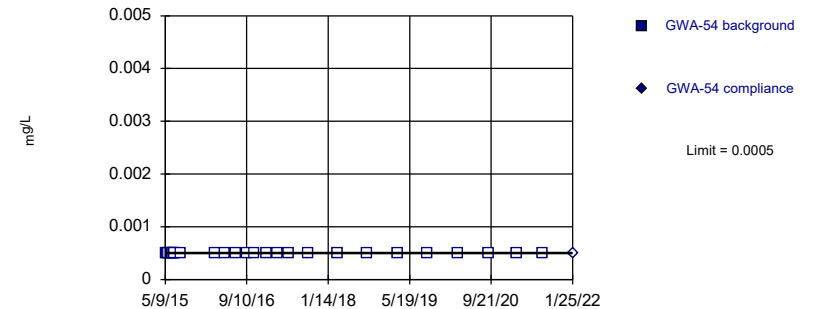


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

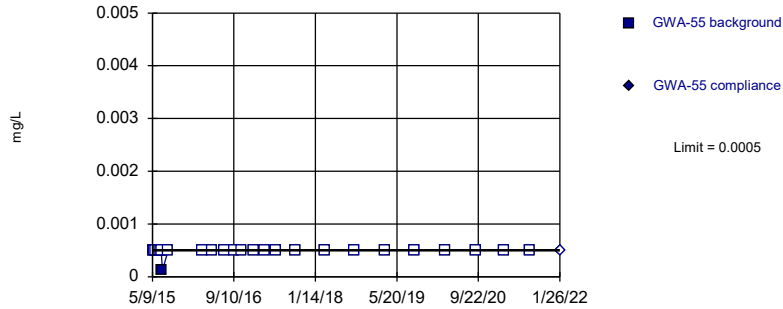


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

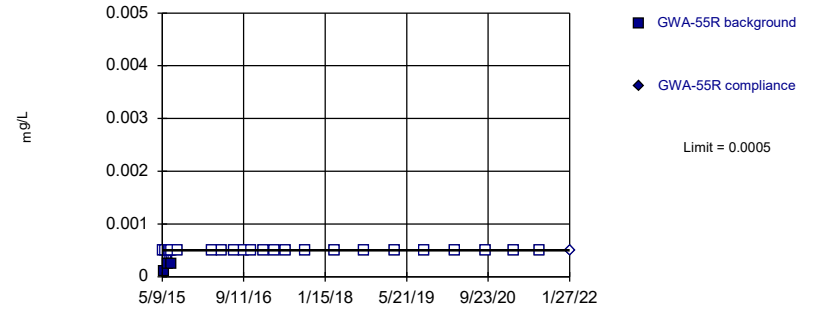


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

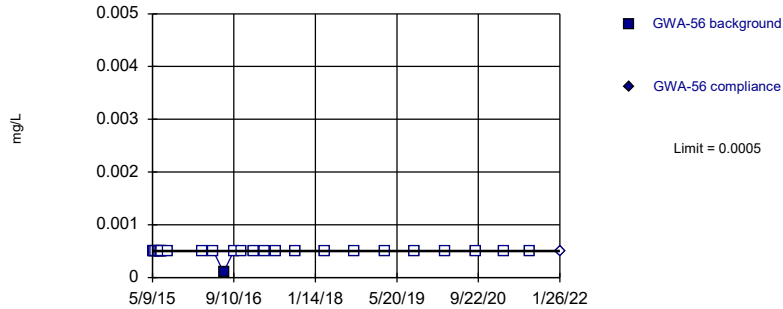


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

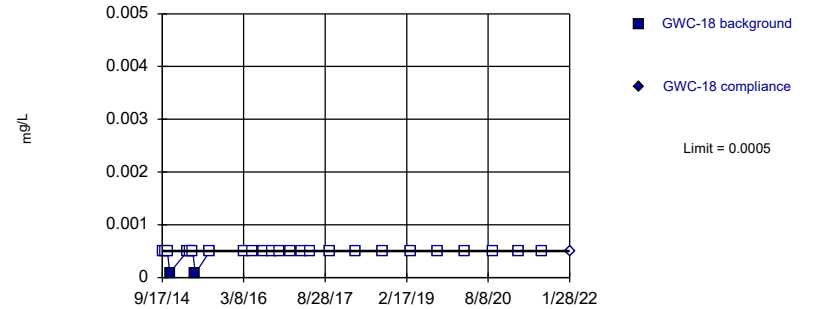


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

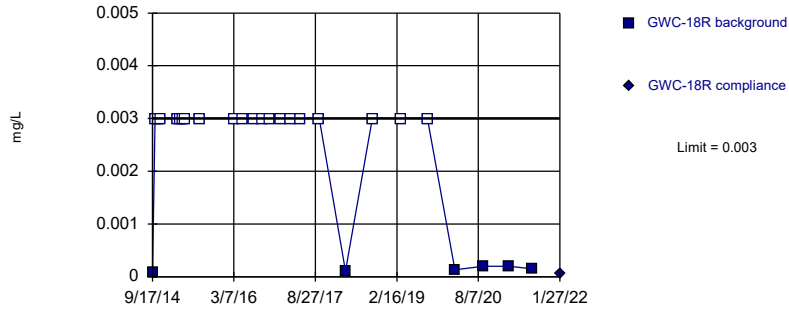


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

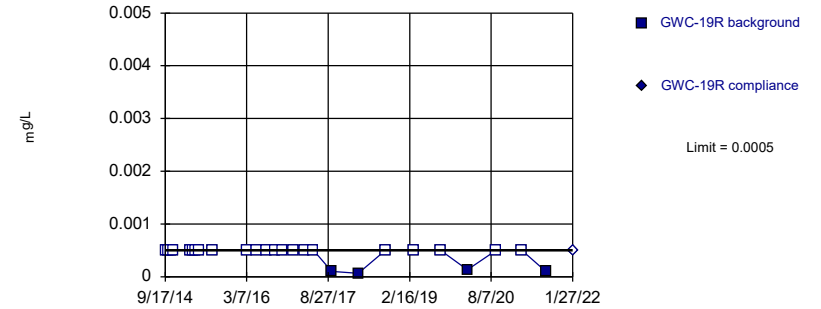


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

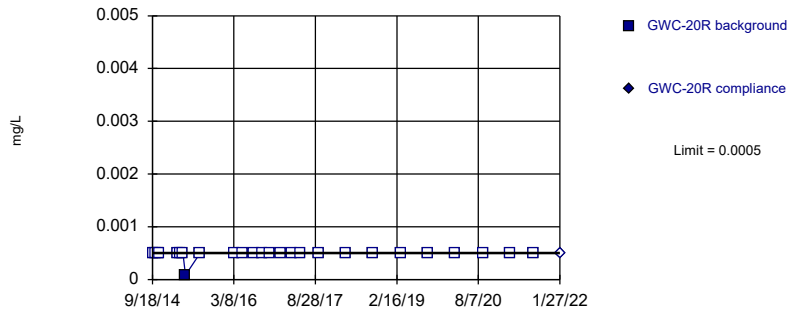


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

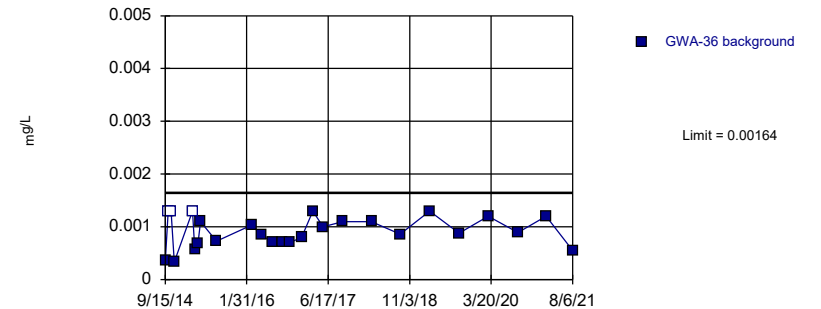


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Beryllium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric, GWA-36 (bg)

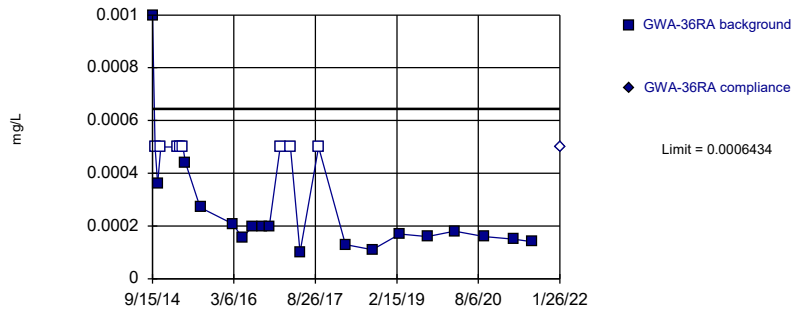


Background Data Summary: Mean=0.000916, Std. Dev.=0.0002961, n=26, 11.54% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9336, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993. Assumes 1 future value.

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

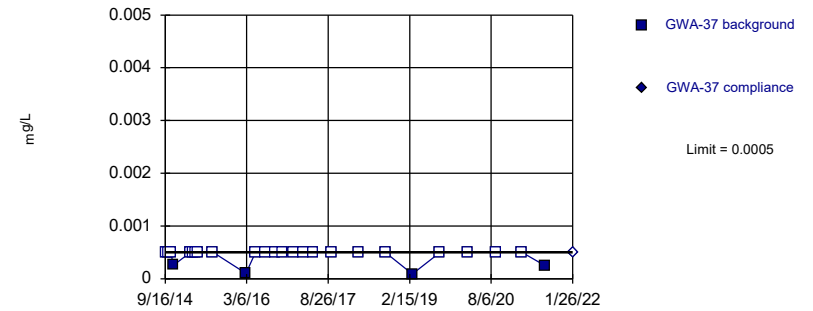


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-8.6. Std. Dev.=0.5115, n=26, 30.77% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8993, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

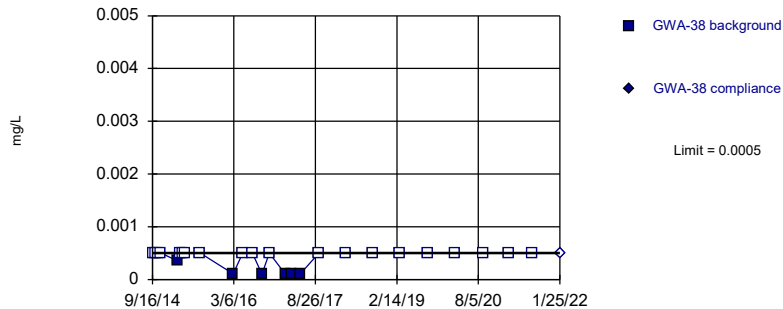


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

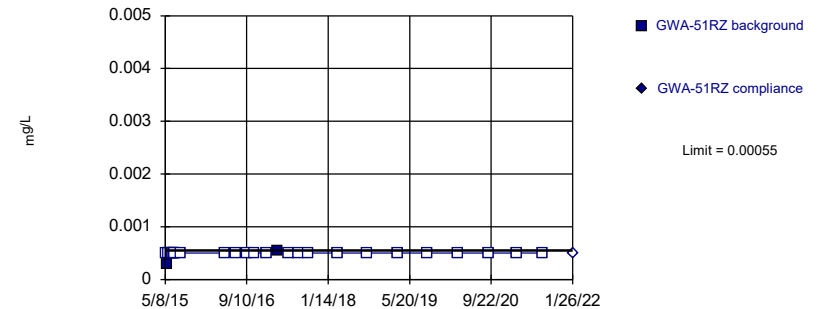


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

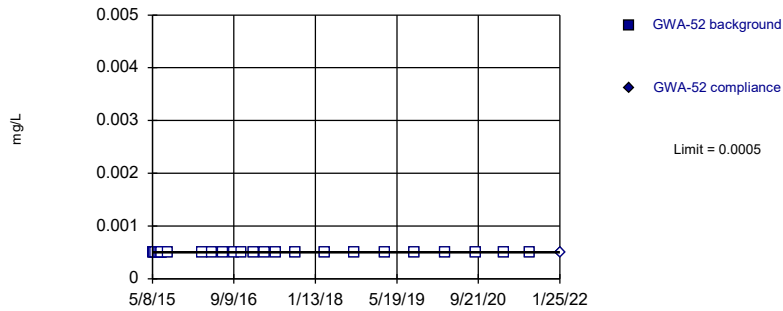


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

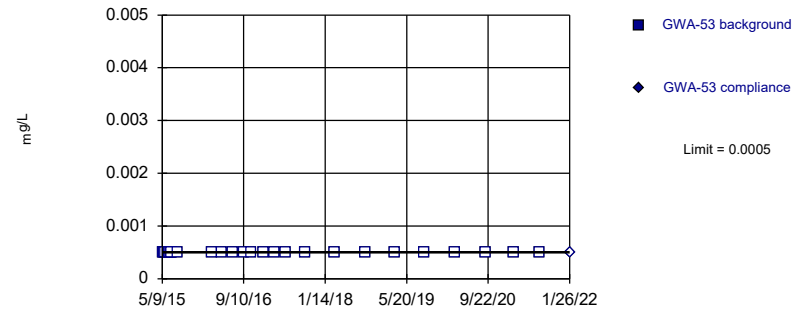


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

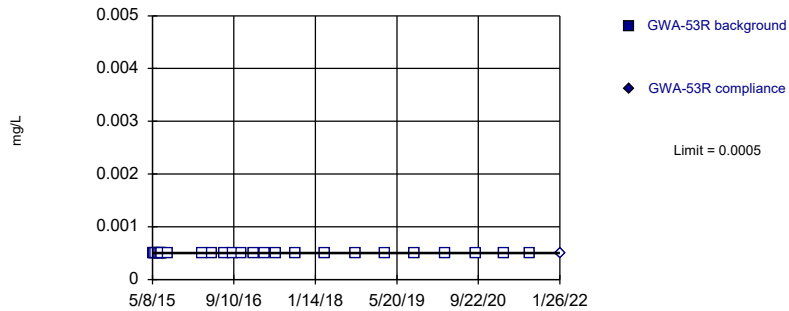


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

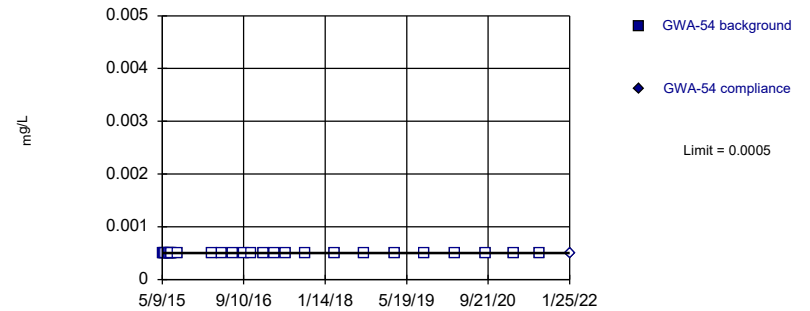


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

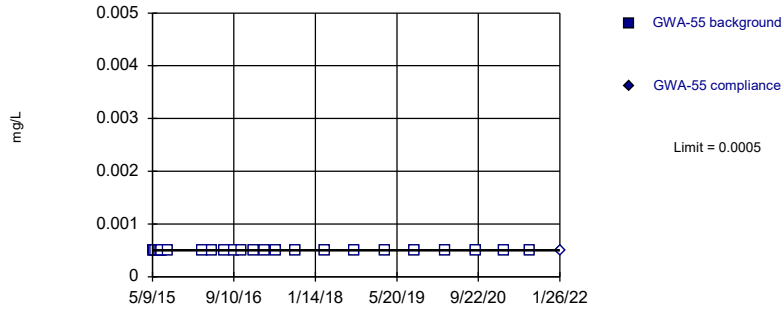


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

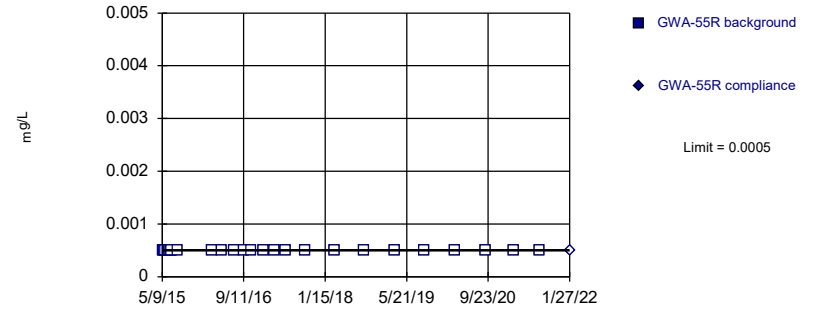


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

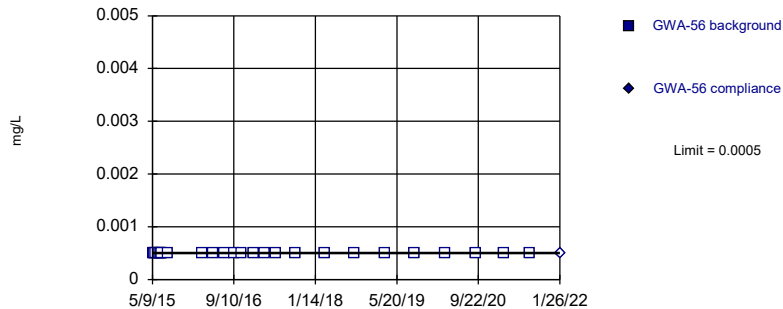


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

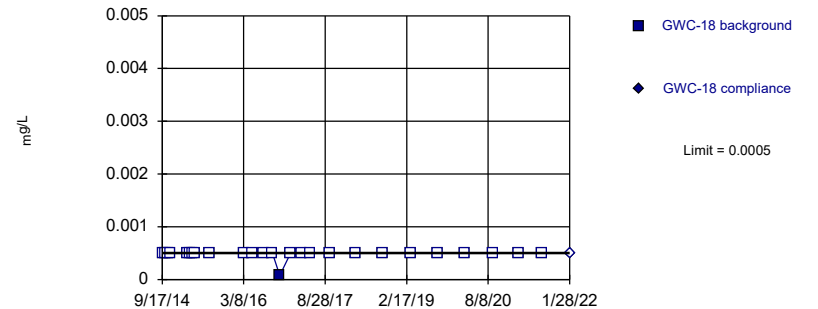


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

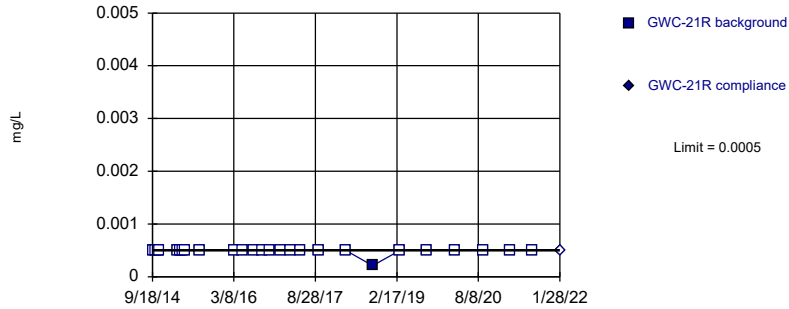


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:21 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

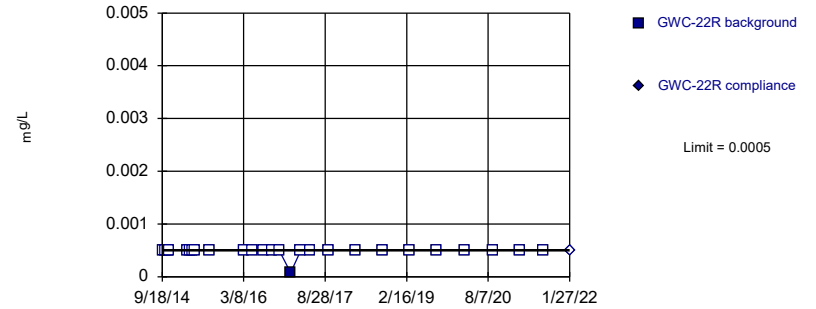


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

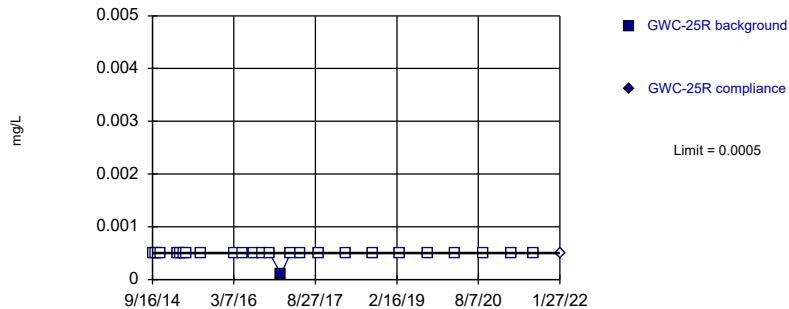


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

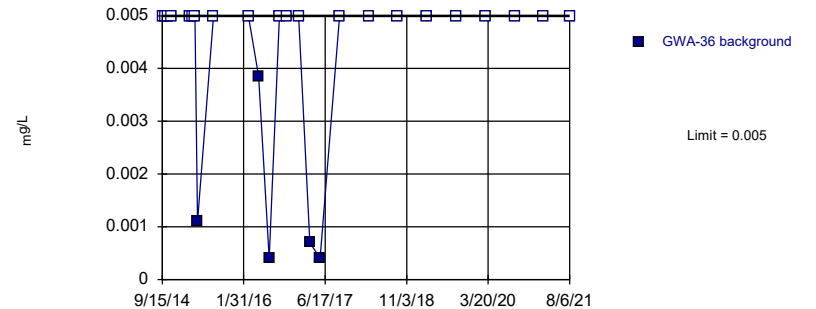


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cadmium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric, GWA-36 (bg)



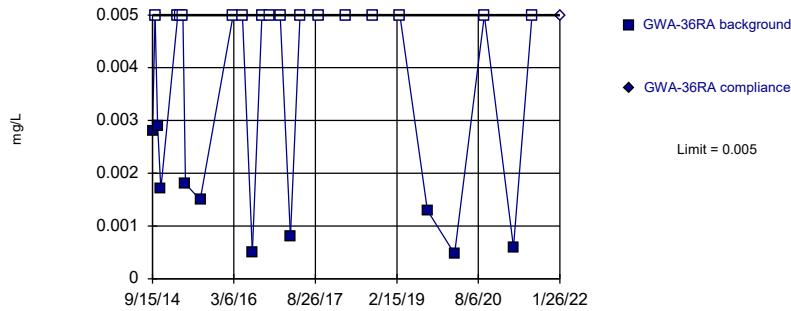
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Assumes 1 future value.

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sanitas™ v.9.6.32] Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



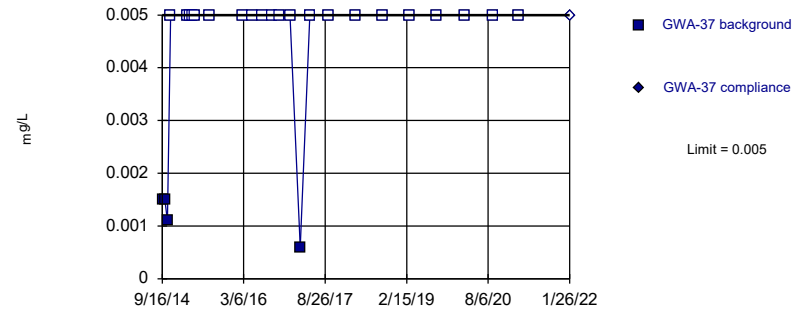
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sanitas™ v.9.6.32] Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



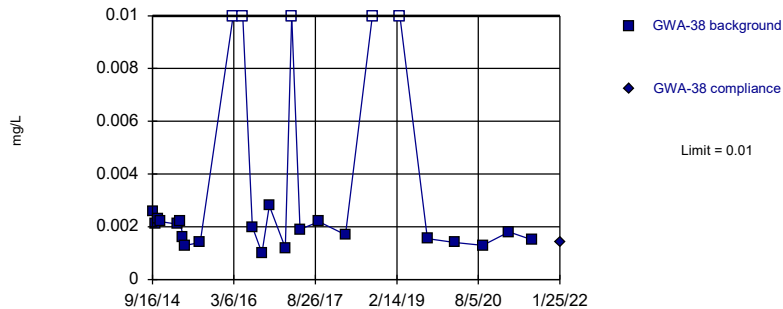
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 84% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sanitas™ v.9.6.32] Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



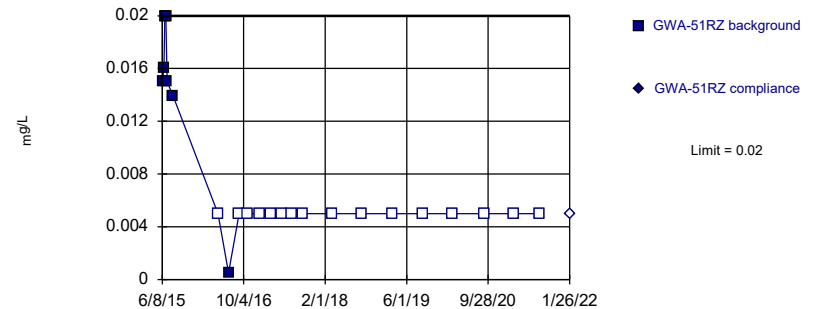
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 19.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sanitas™ v.9.6.32] Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

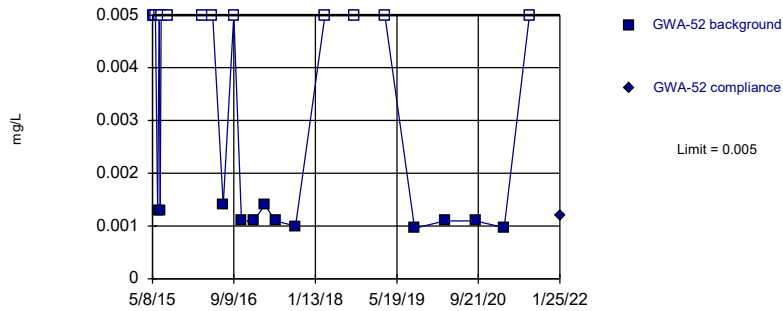


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

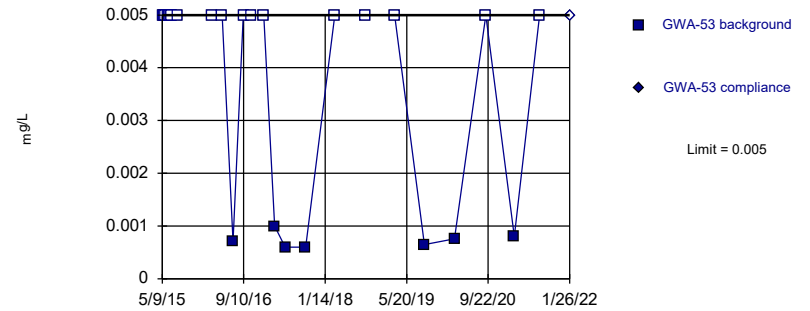


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 53.85% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

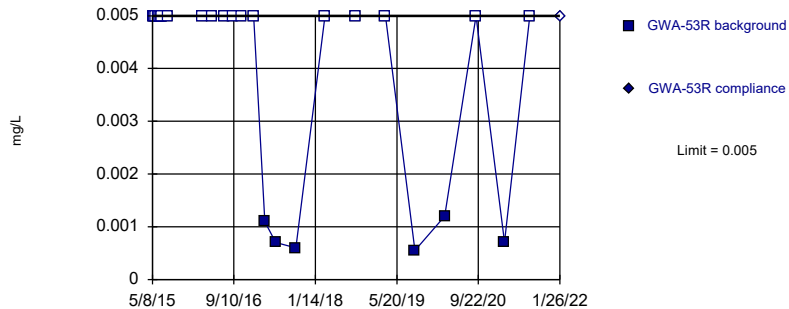


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

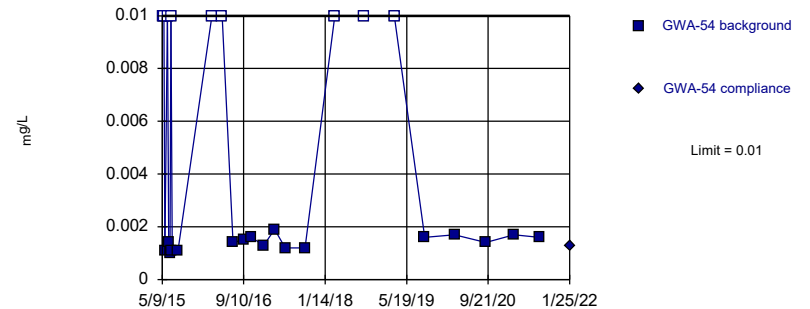


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

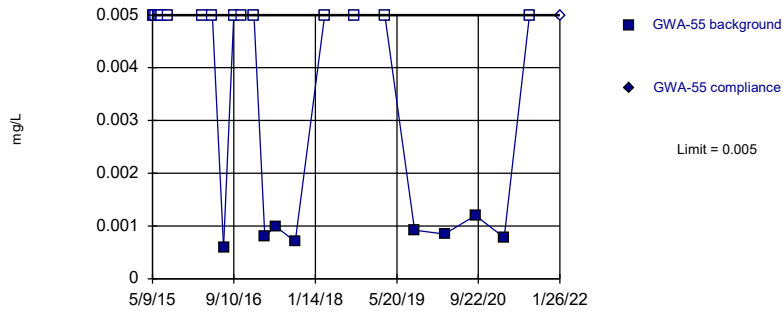


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 34.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 IntraWell Non-parametric

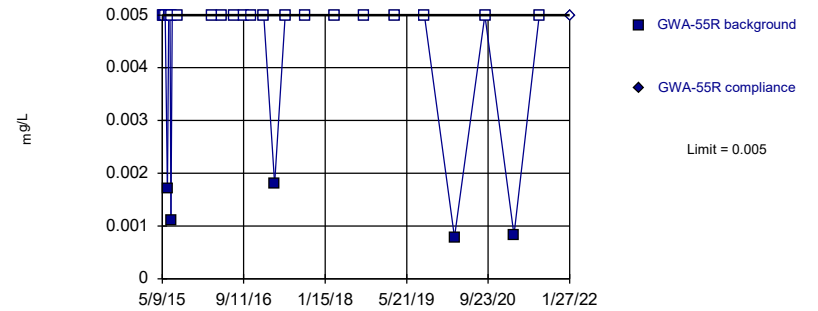


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 IntraWell Non-parametric

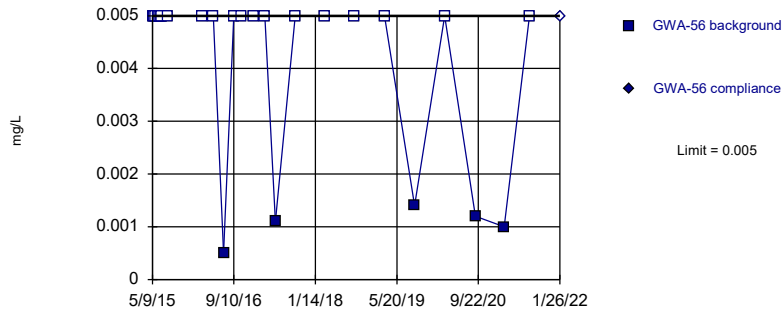


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 IntraWell Non-parametric

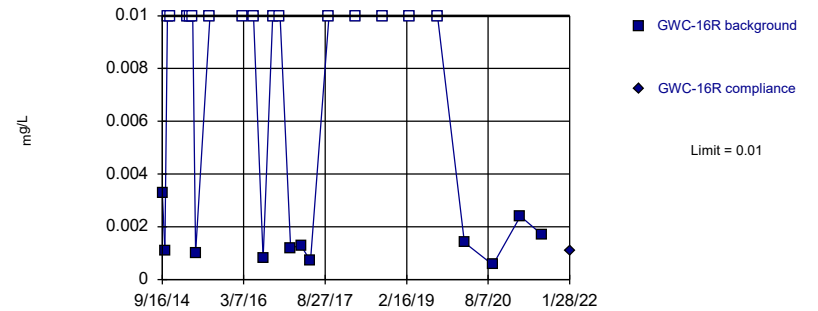


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 IntraWell Non-parametric

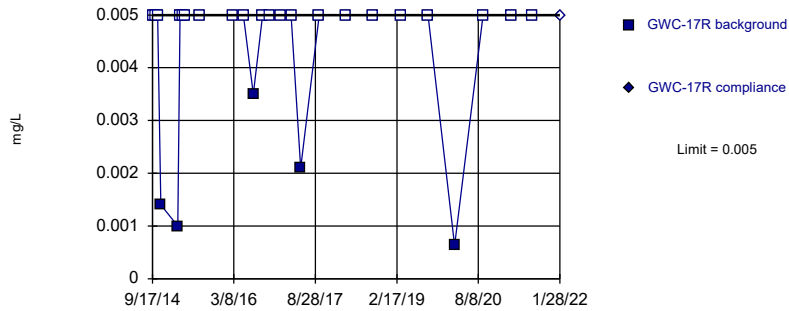


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 57.69% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

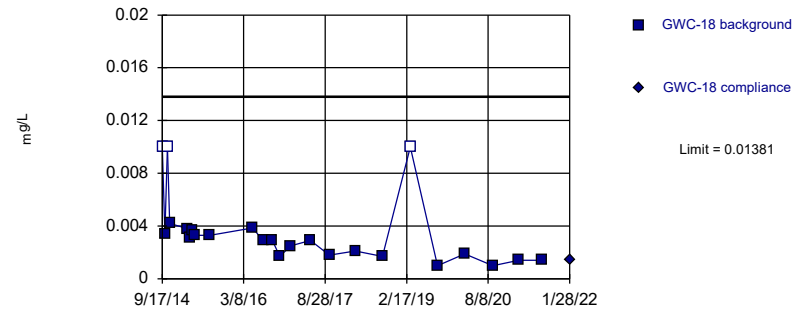


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

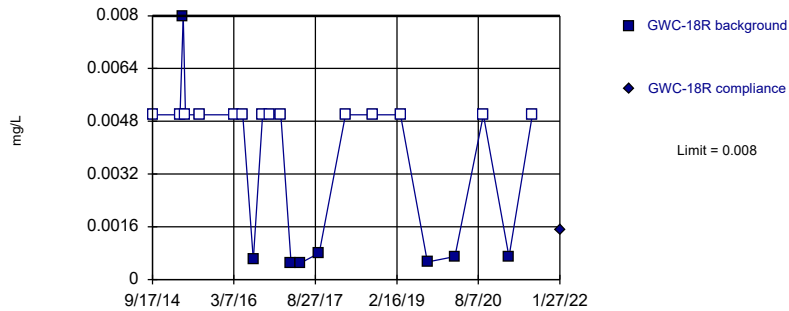


Background Data Summary (based on natural log transformation): Mean=-5.871, Std. Dev.=0.6401, n=24, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9263, critical = 0.884. Kappa = 2.481 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

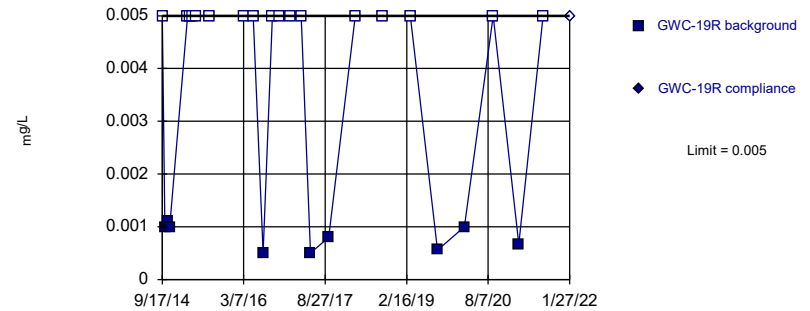


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

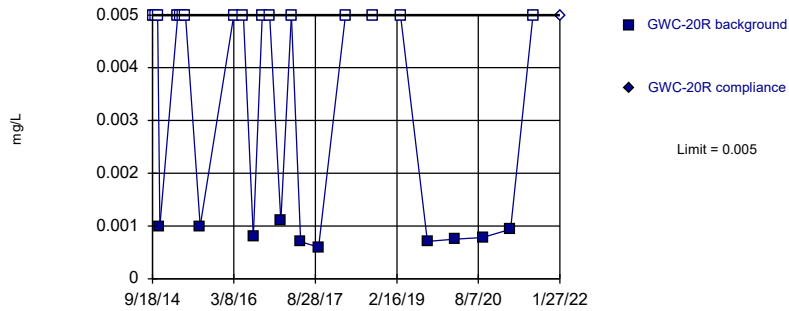


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

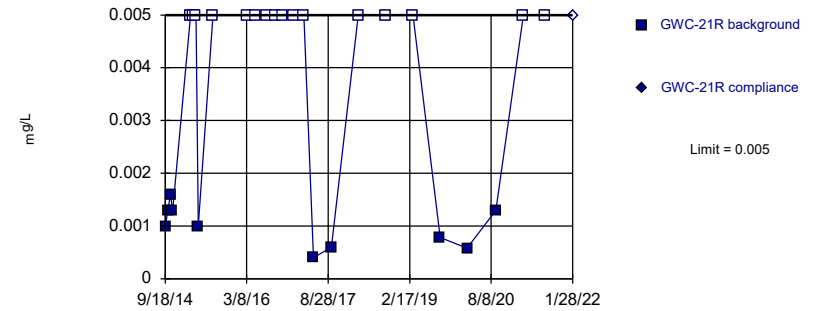


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

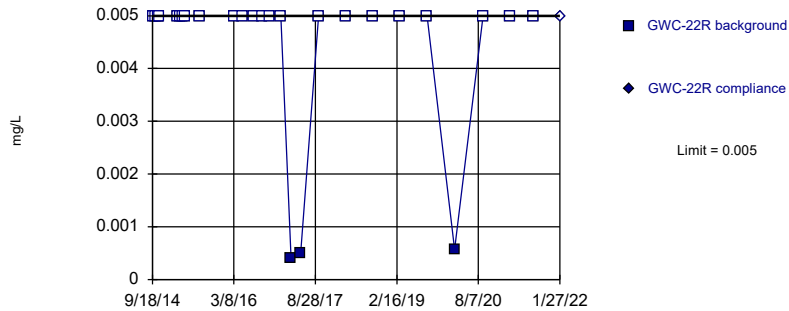


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

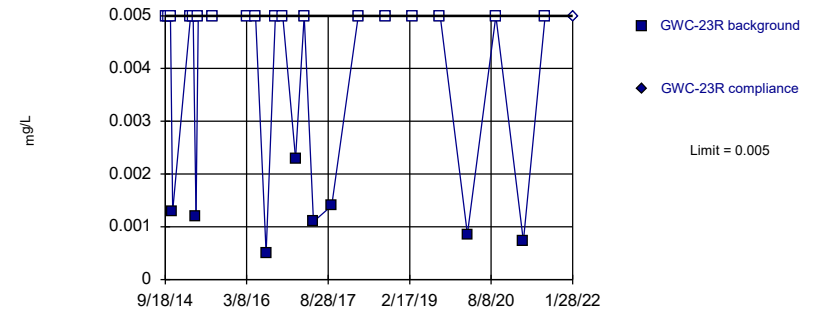


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

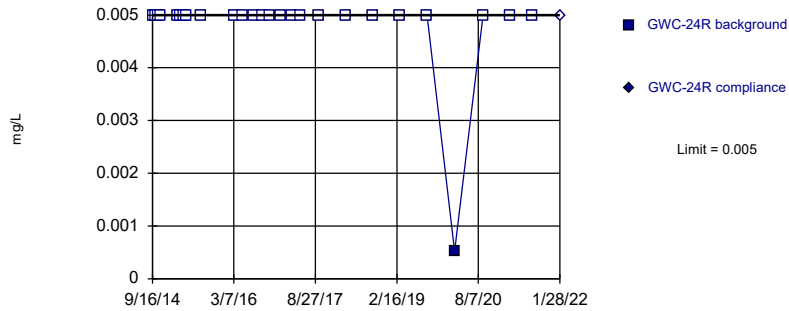


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

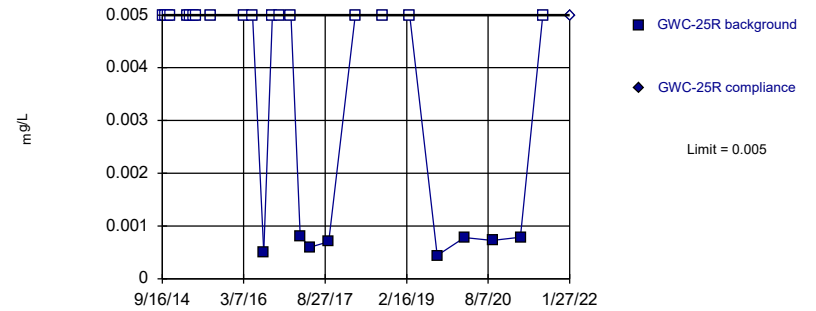


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

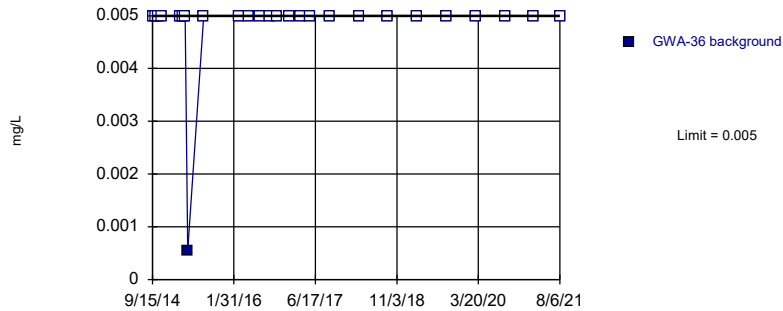


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric, GWA-36 (bg)

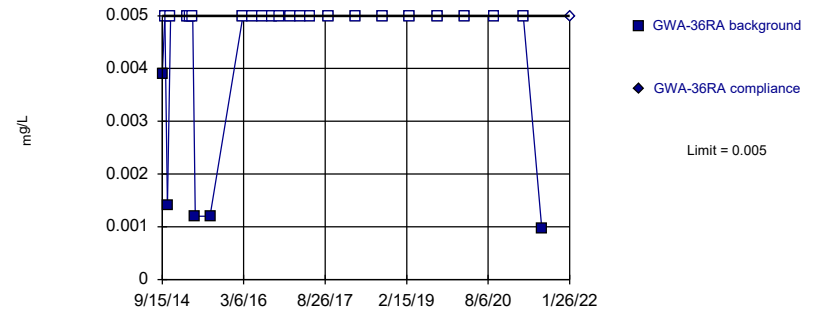


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Assumes 1 future value.

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

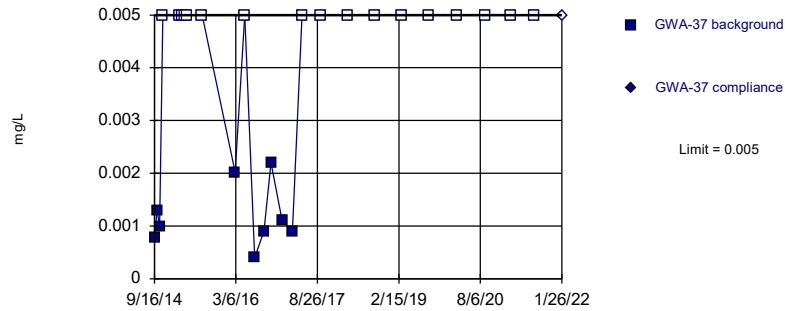


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

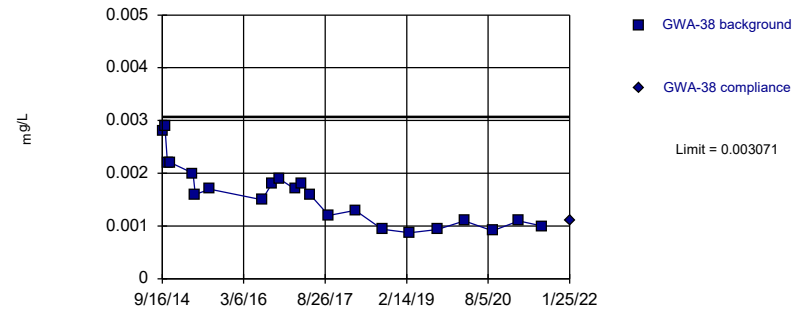


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

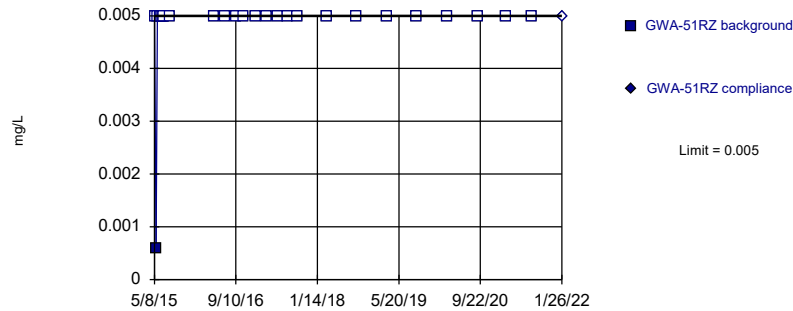


Background Data Summary: Mean=0.001593, Std. Dev.=0.0005858, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9231, critical = 0.878. Kappa = 2.523 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

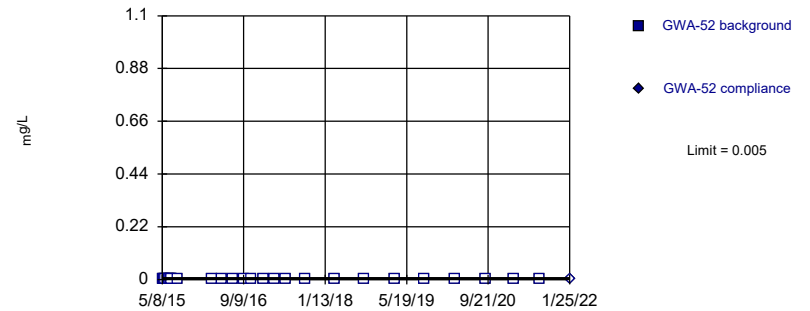


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

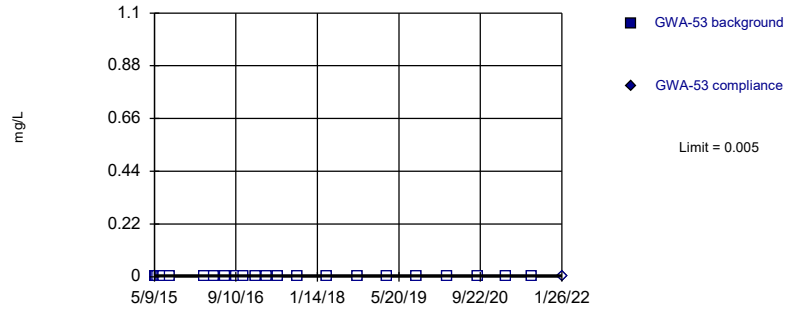
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

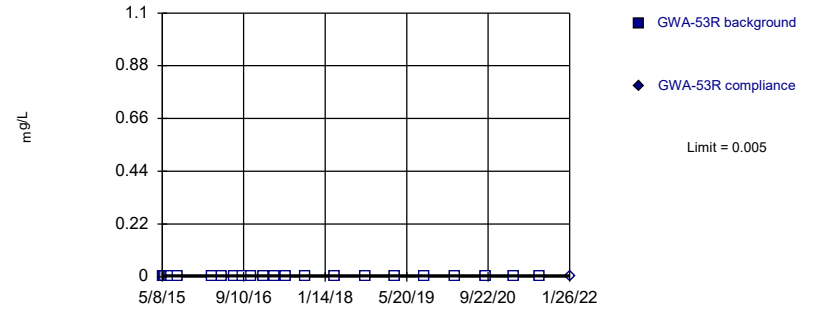
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

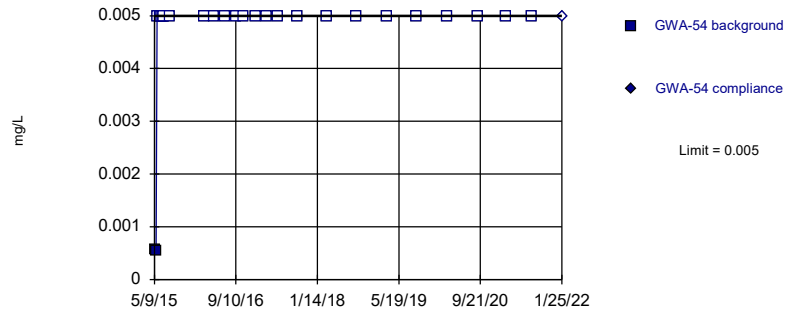
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

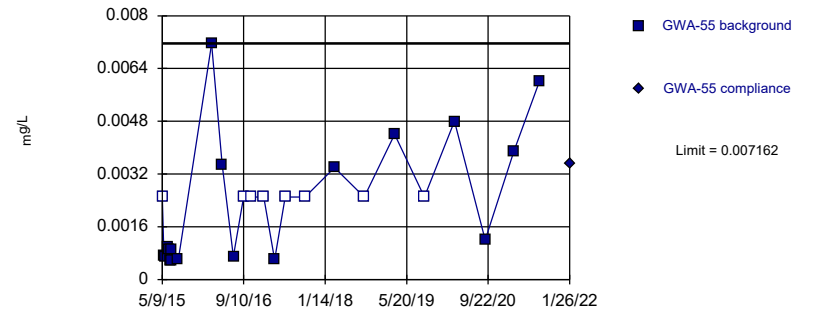
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Parametric

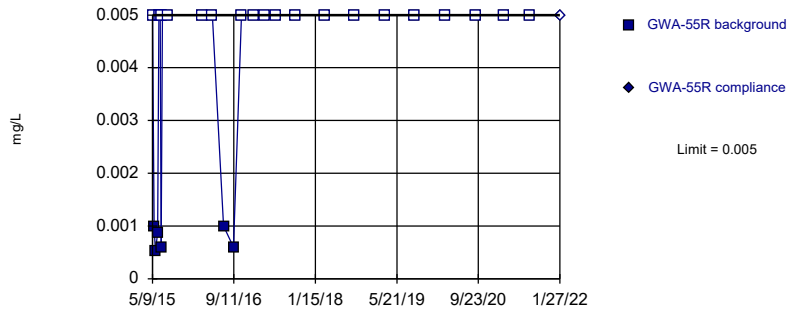


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.03851, Std. Dev.=0.01885, n=26, 30.77% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9009, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Cobalt Analysis Run 4/13/2022 3:22 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

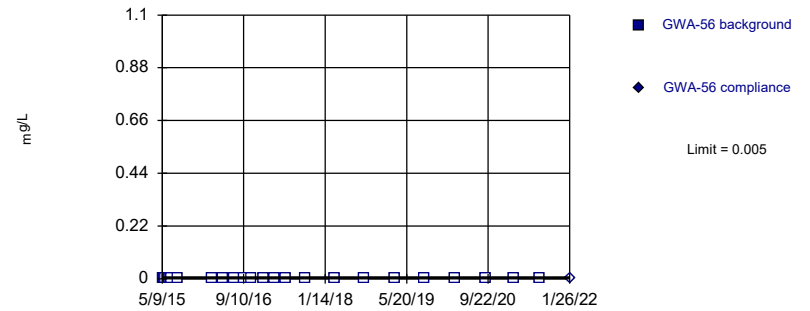


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

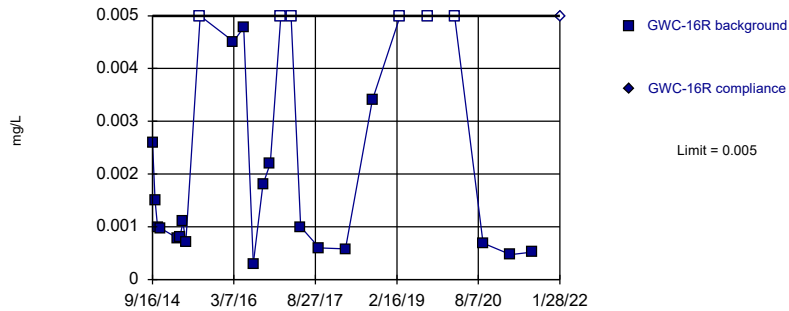


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

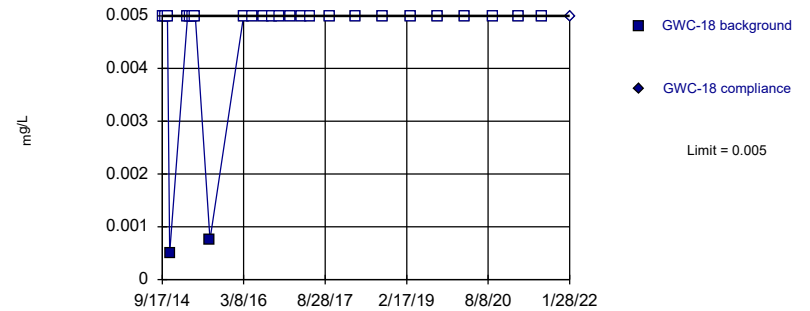


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 23.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

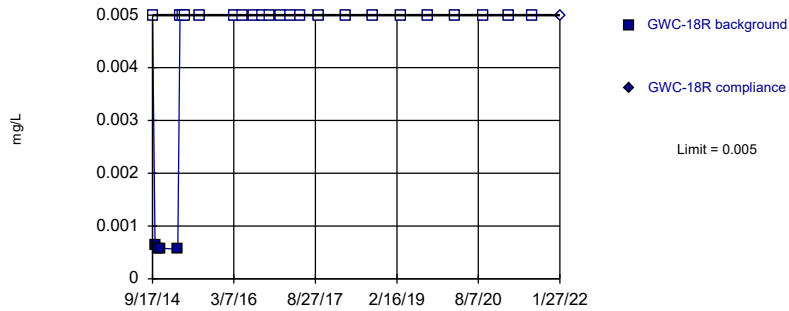


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

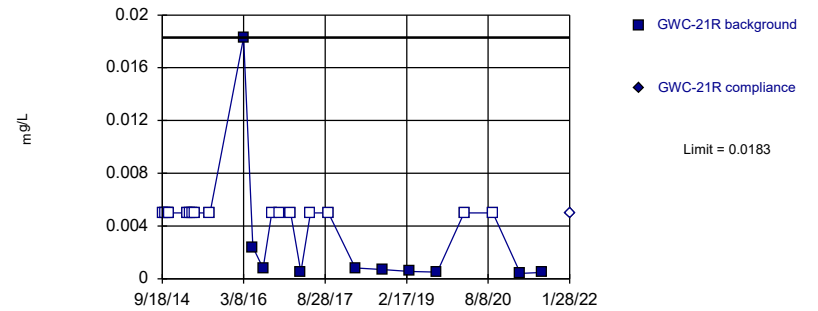


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

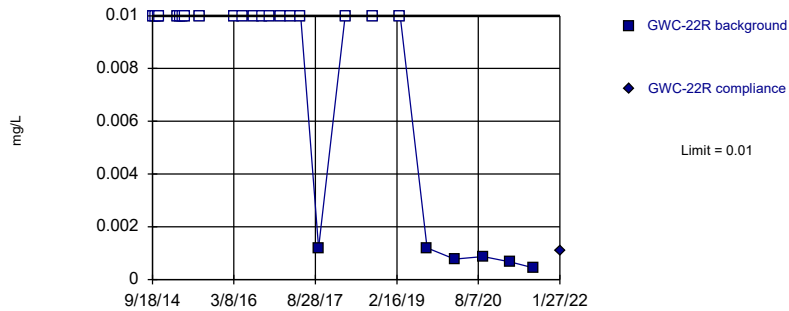


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

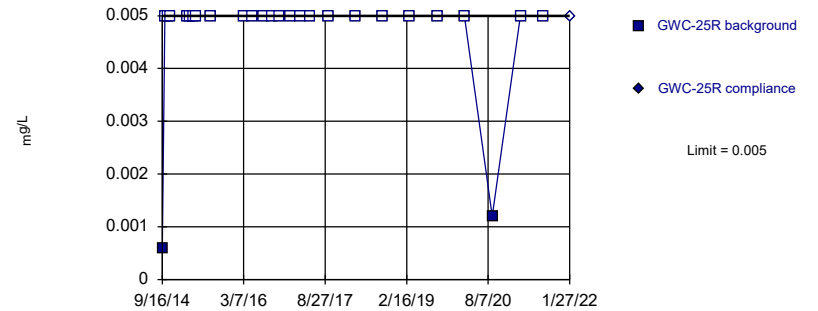


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

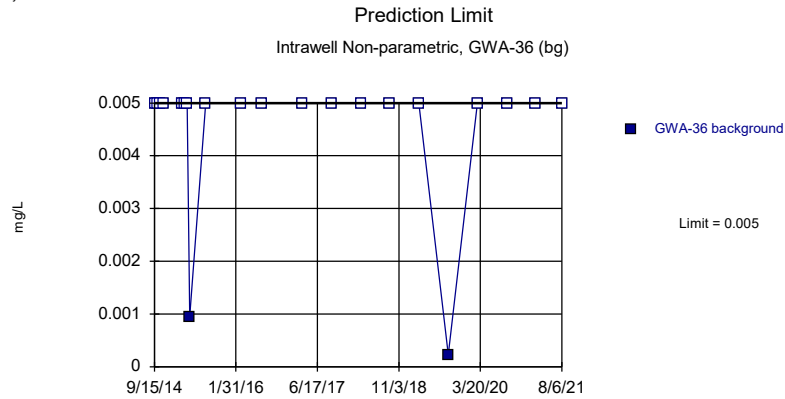
Within Limit

Prediction Limit
Intrawell Non-parametric



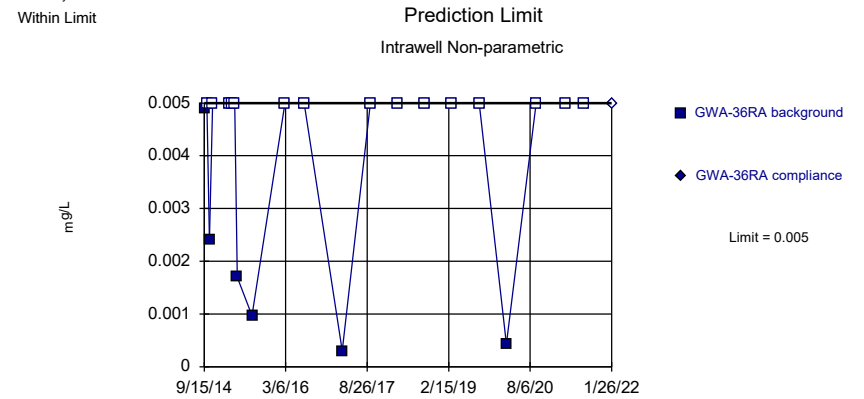
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Cobalt Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



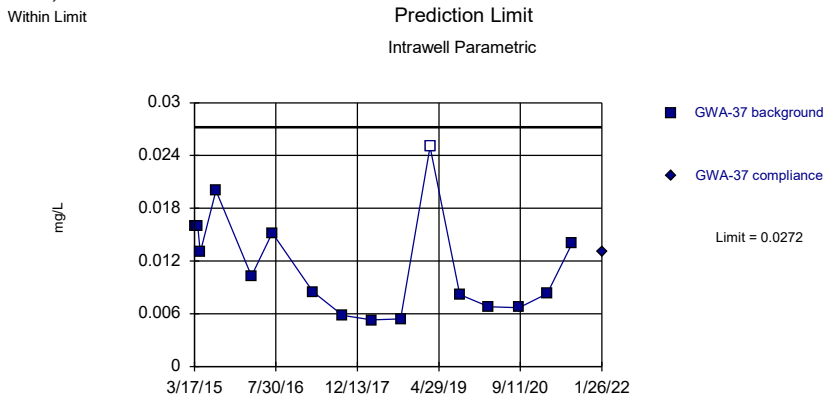
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2). Assumes 1 future value.

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



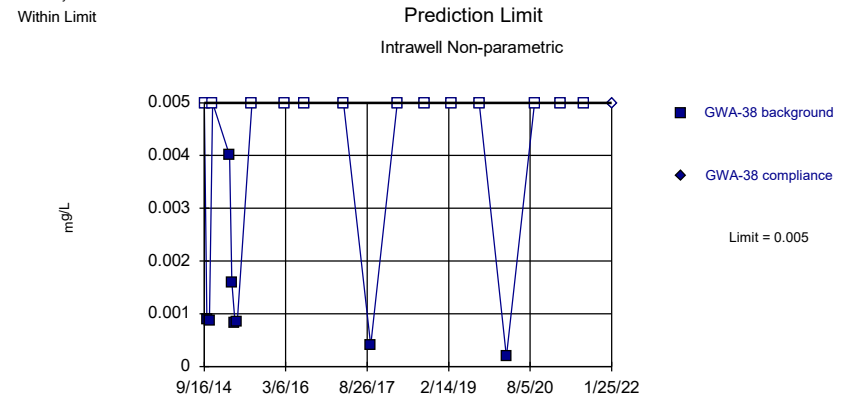
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR



Background Data Summary: Mean=0.01153, Std. Dev.=0.005785, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8996, critical = 0.844. Kappa = 2.709 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

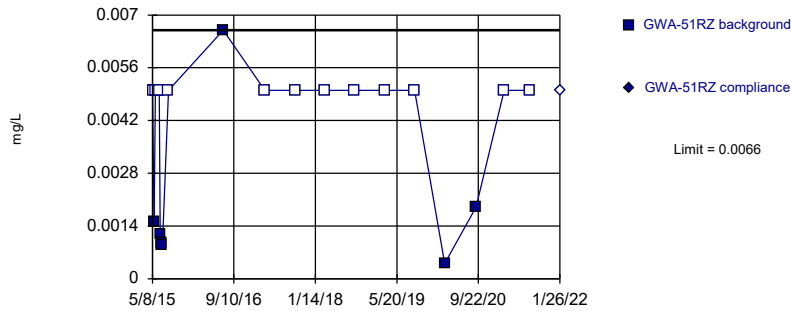


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

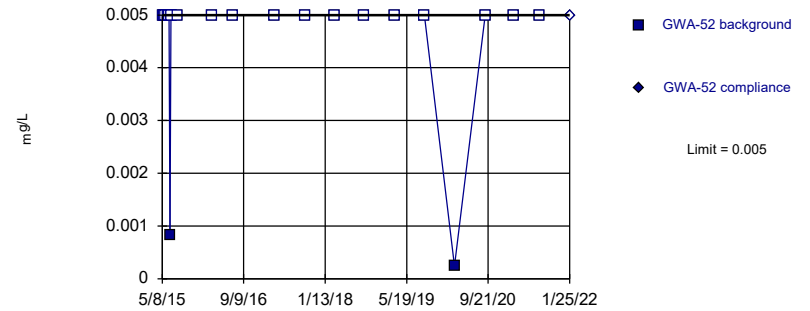


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 65% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

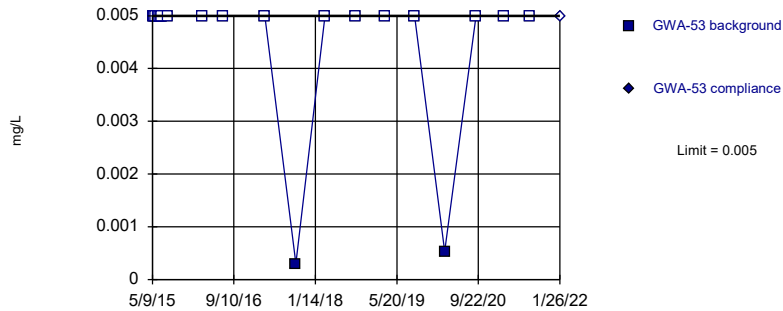


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

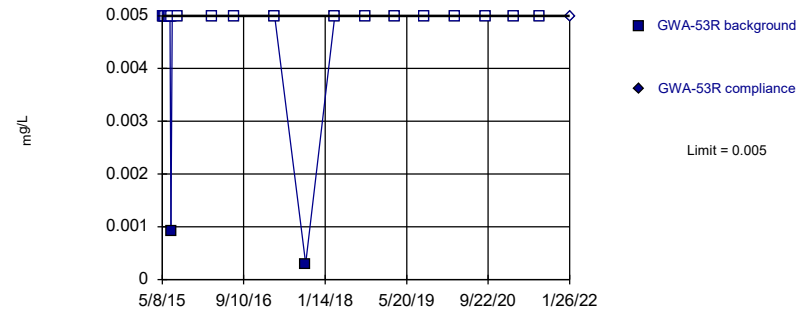


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

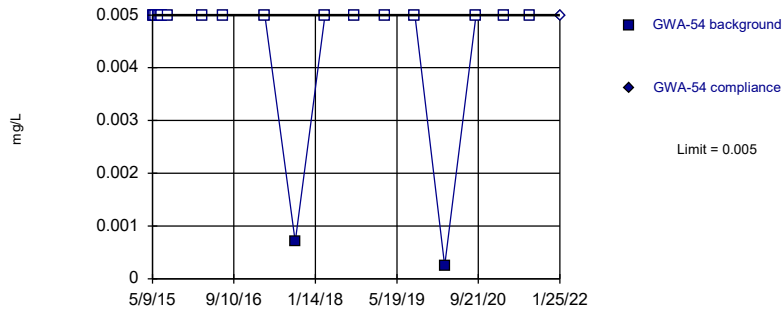


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

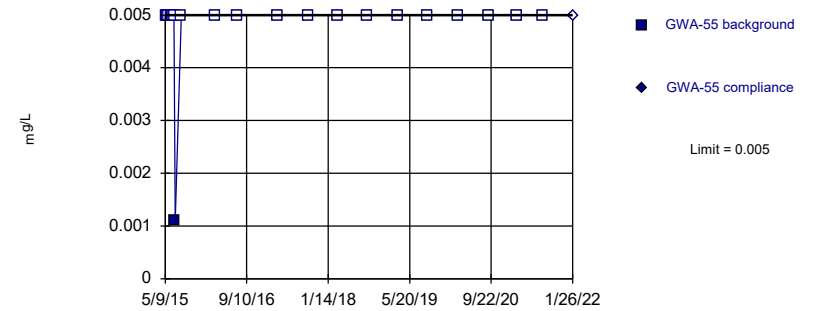


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

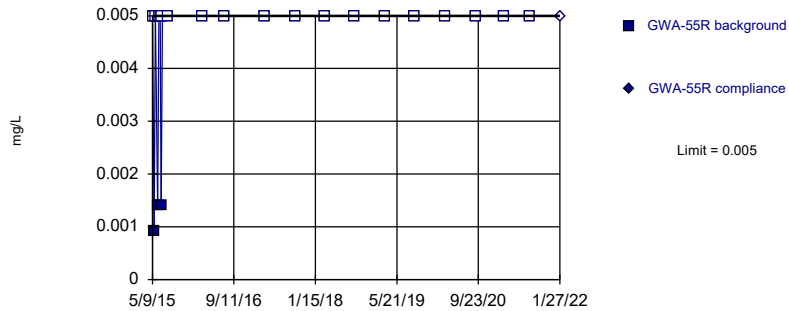


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

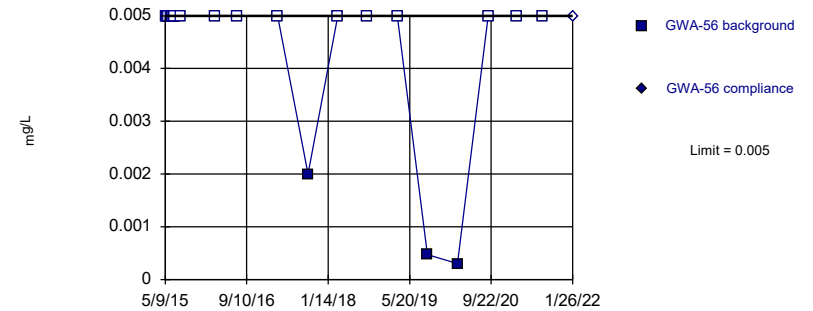


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

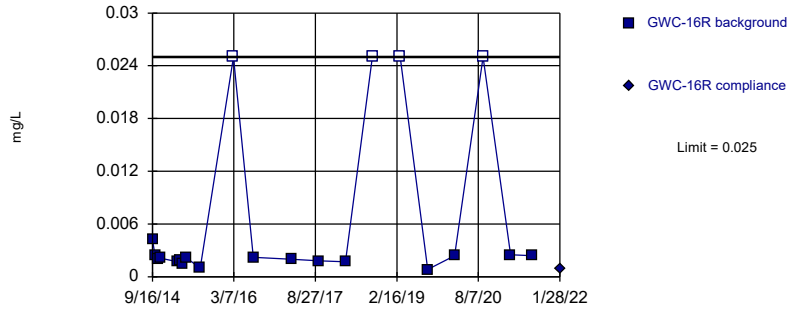


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

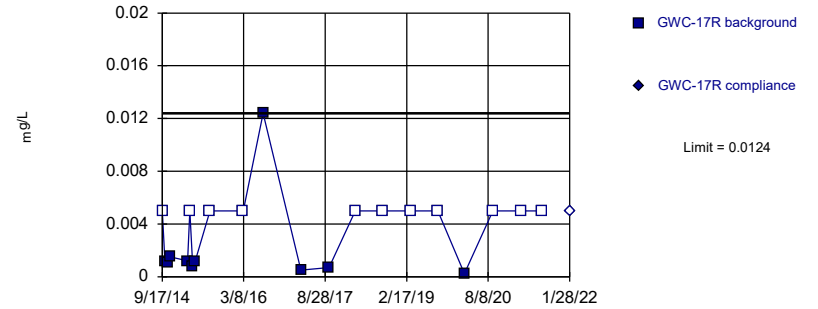


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 19.05% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

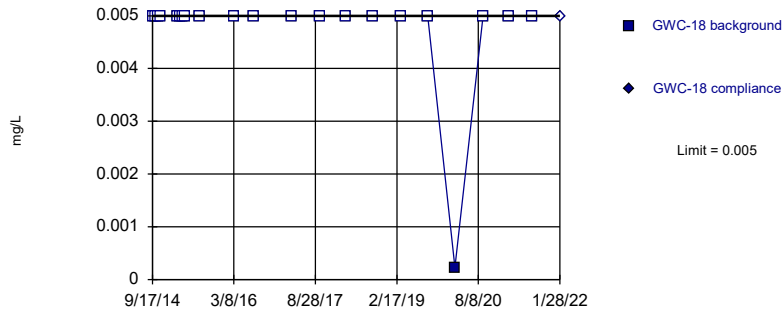


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

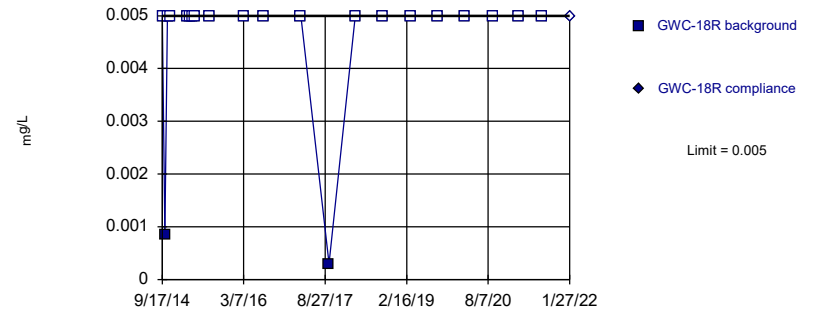


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

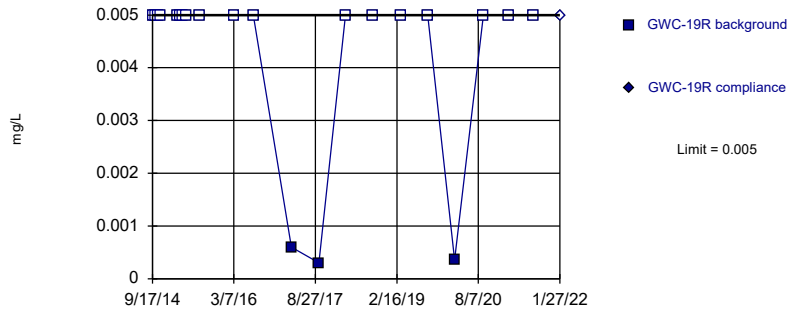


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

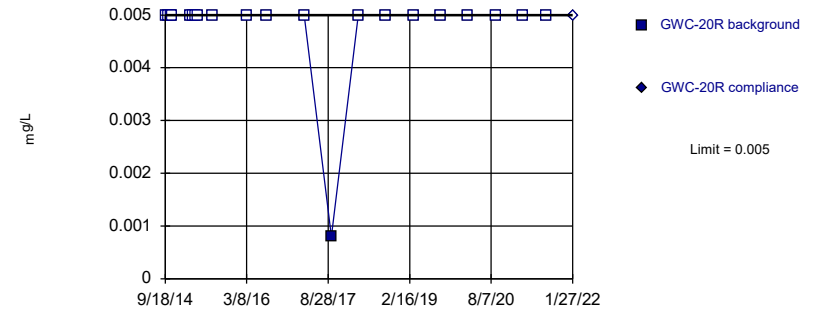


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

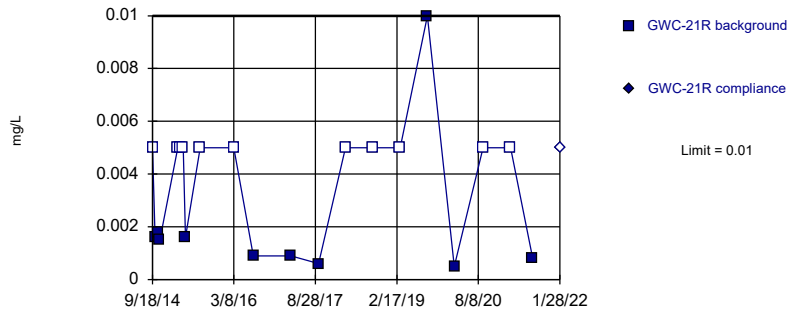


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

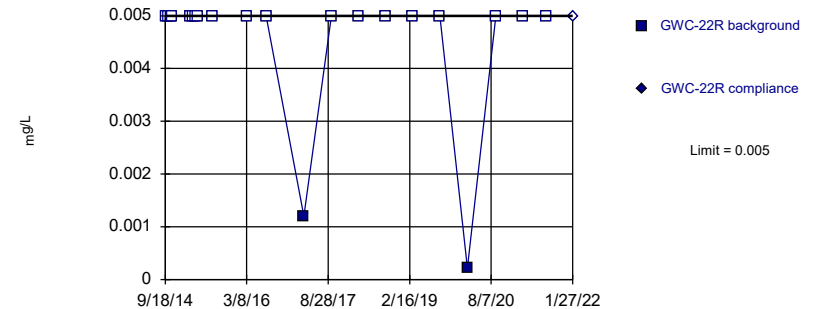


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

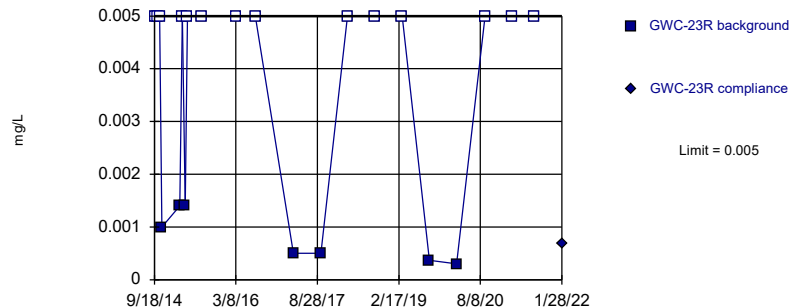


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

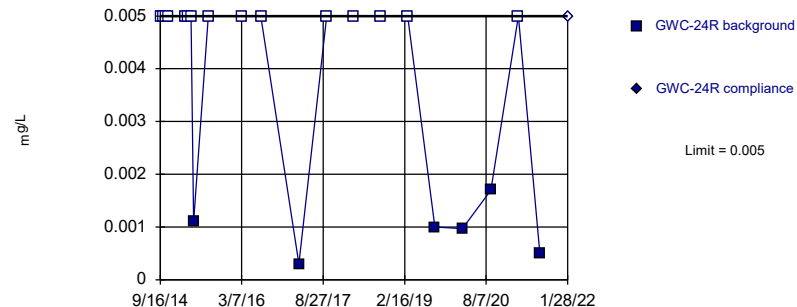


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Copper Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

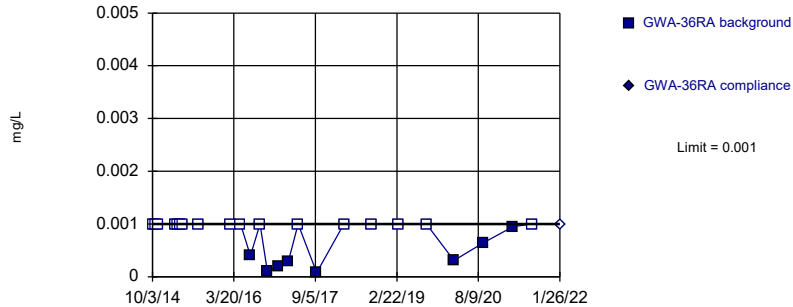
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
Intrawell Non-parametric

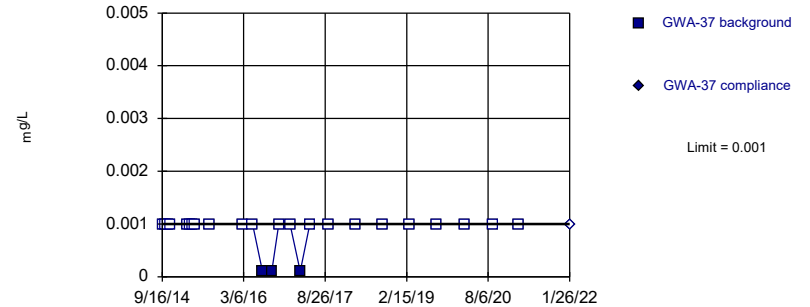


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 68% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

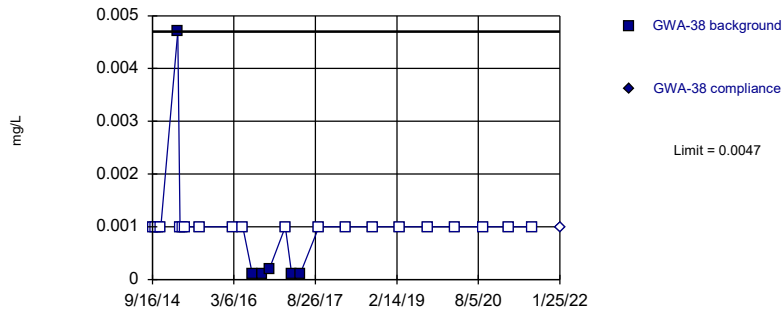


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 88% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

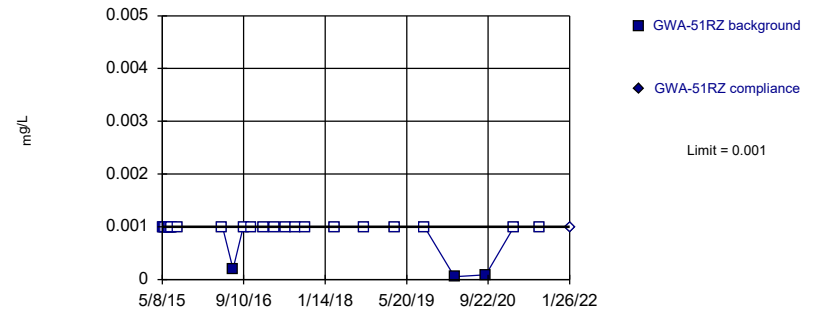


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

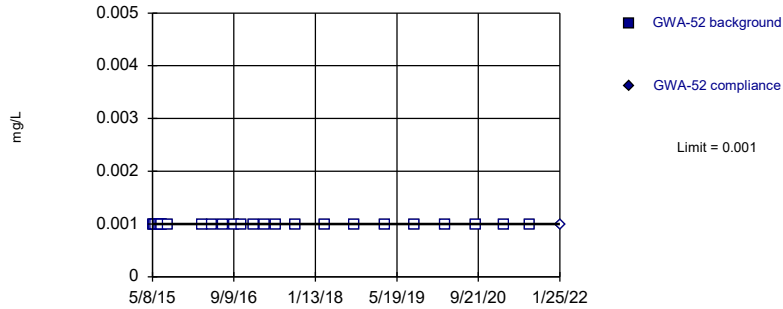


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

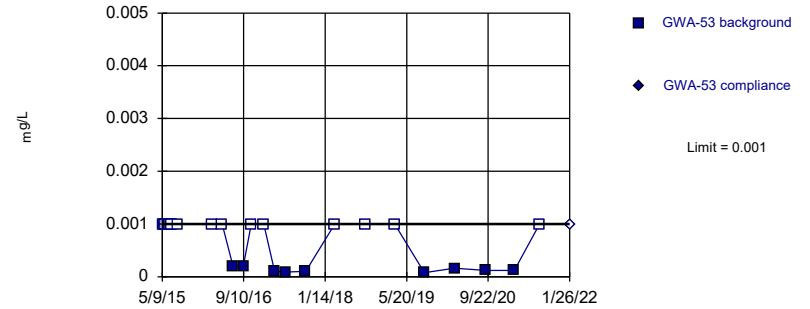


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

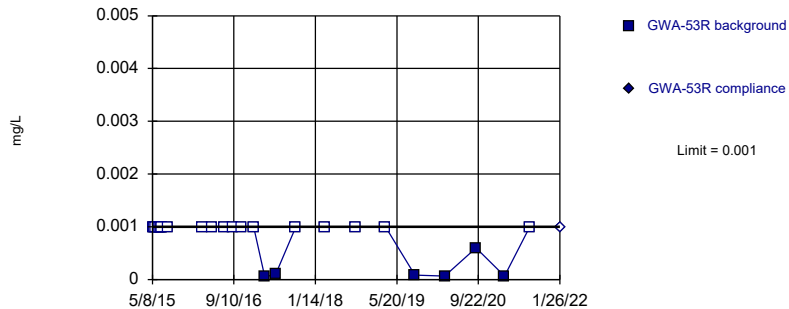


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:23 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

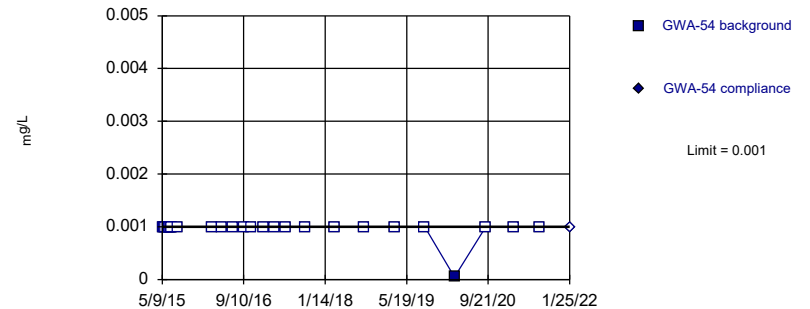


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

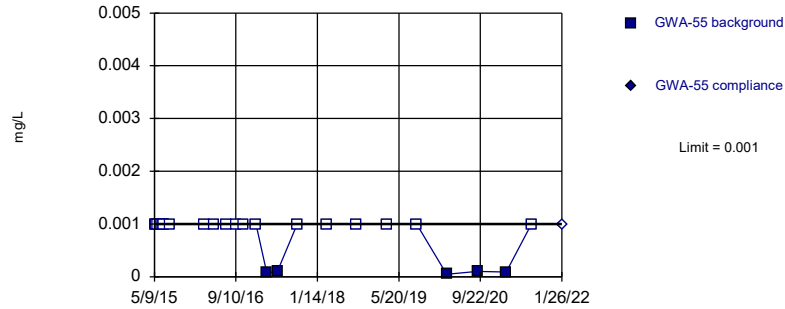


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

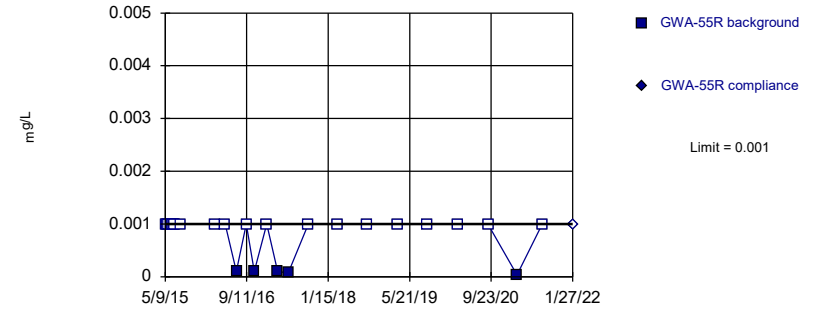


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

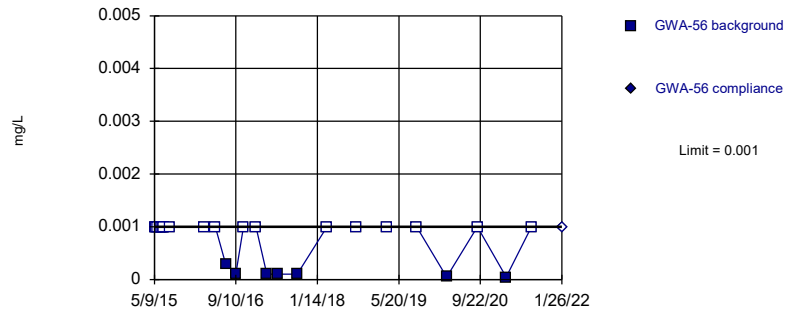


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

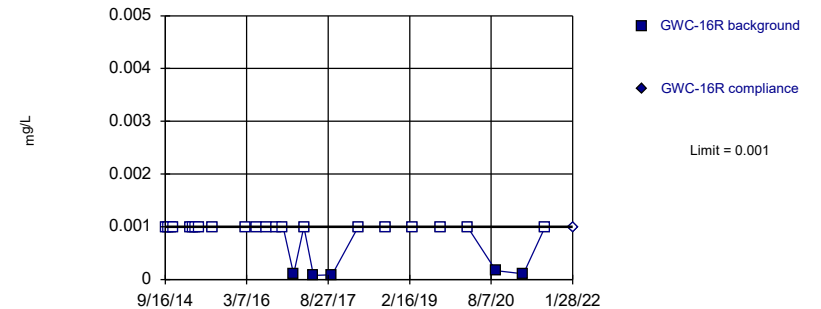


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

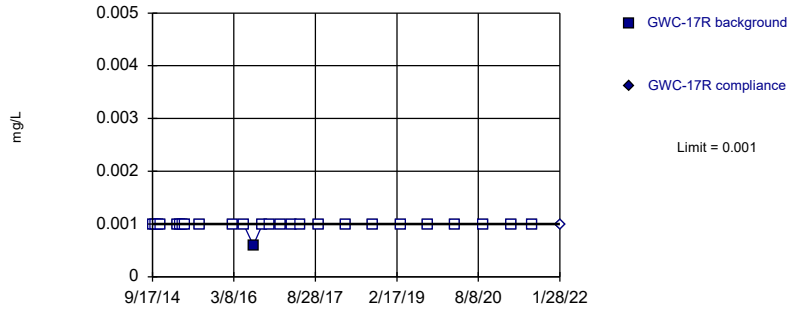


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

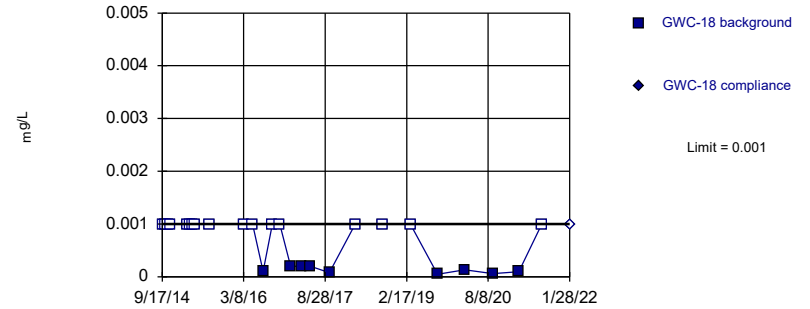


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

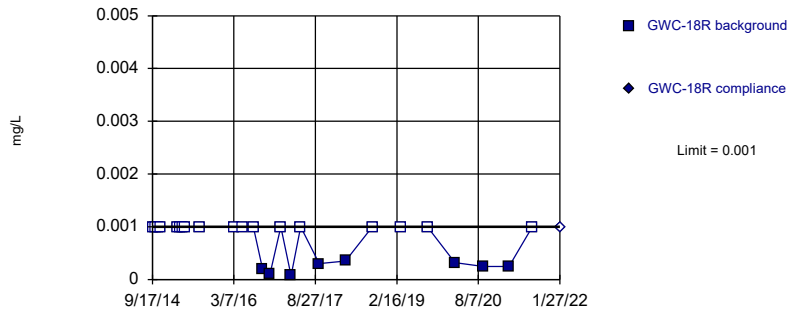


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

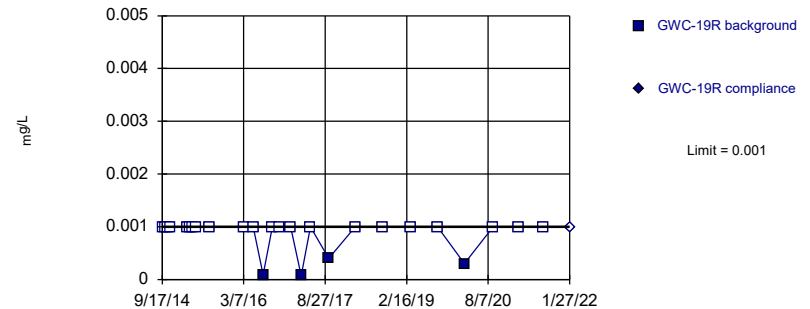


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

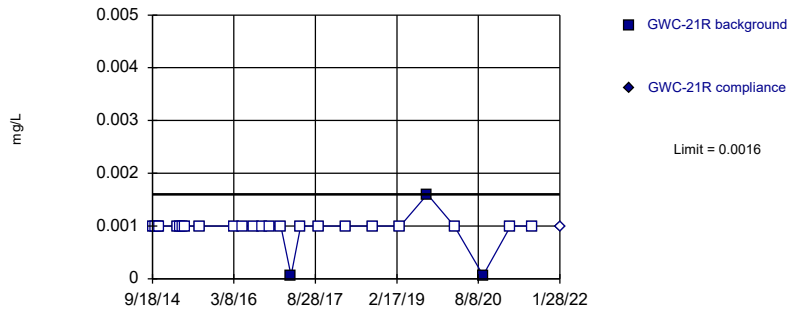


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

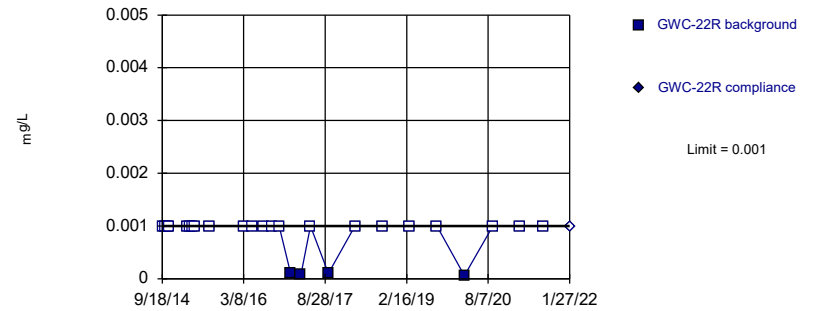


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

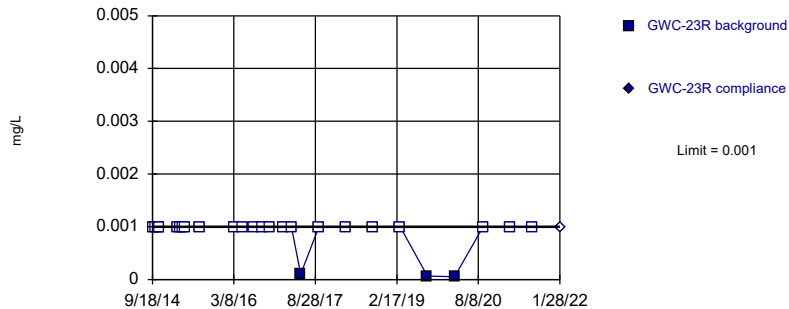


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

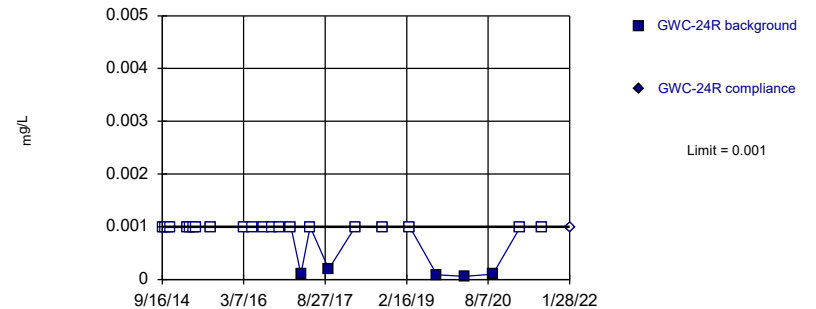


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

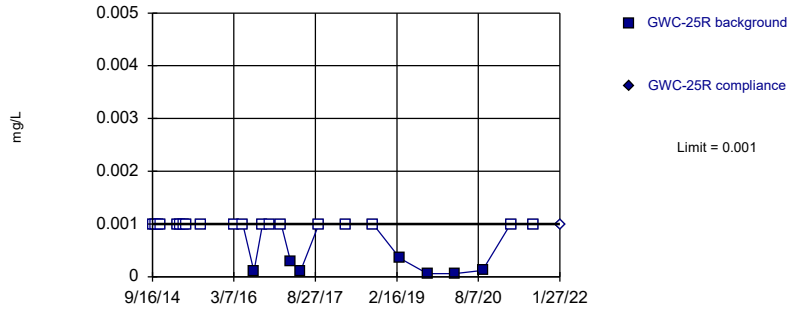


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

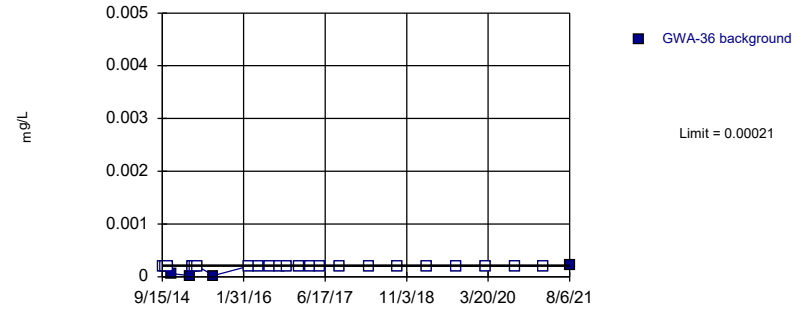


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Lead Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric, GWA-36 (bg)

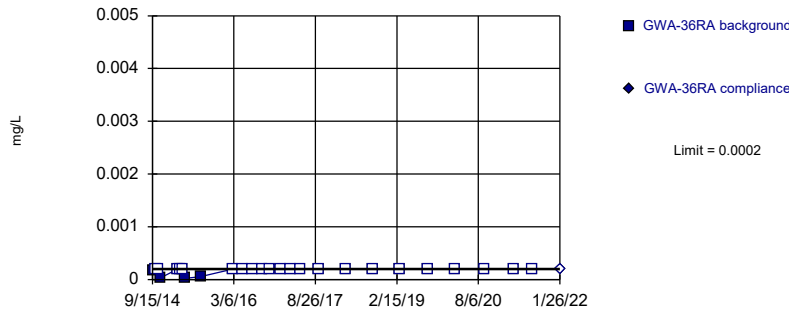


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Assumes 1 future value.

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

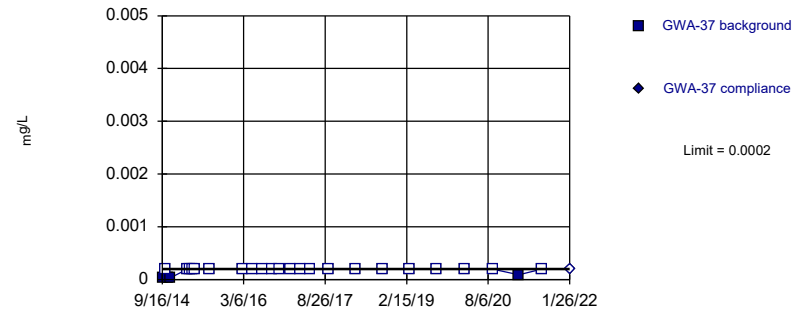


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

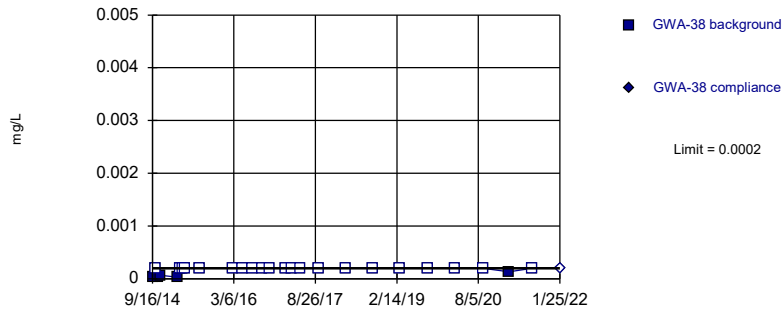


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

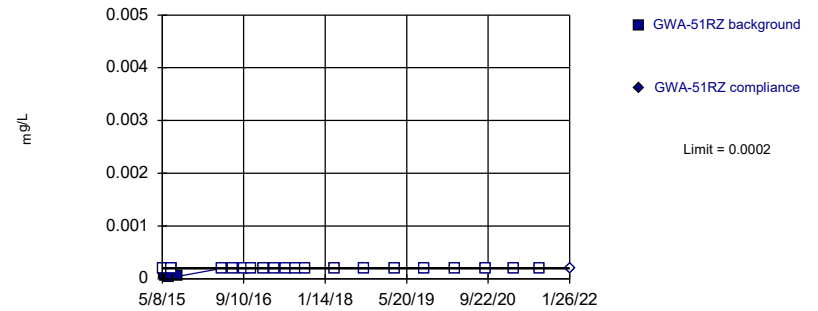


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

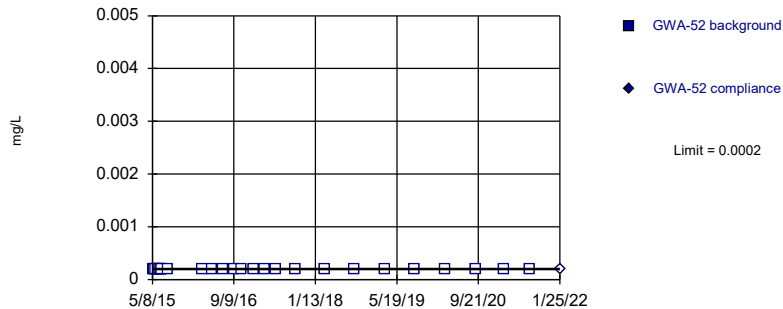


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

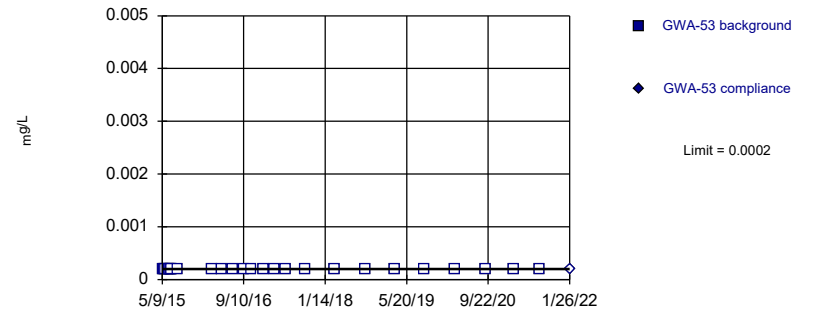


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

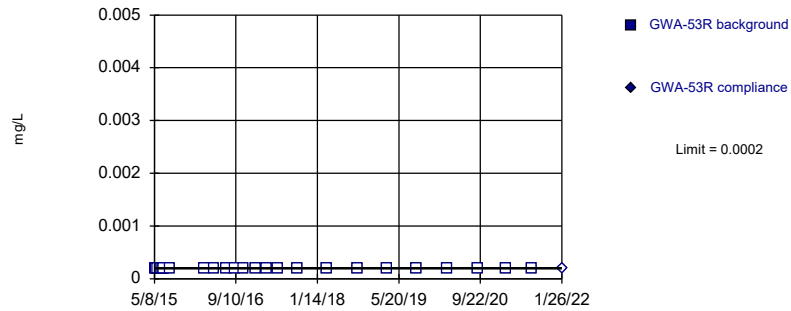


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

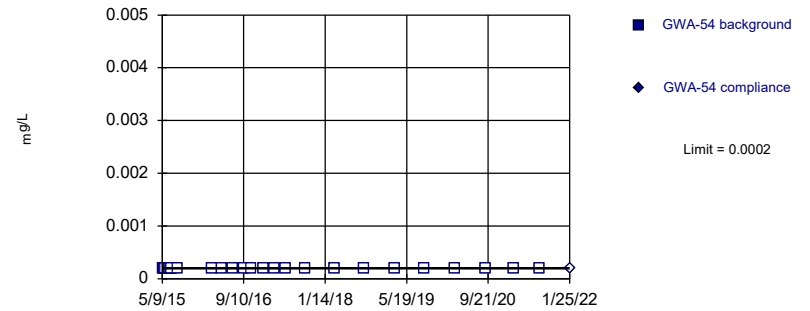


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

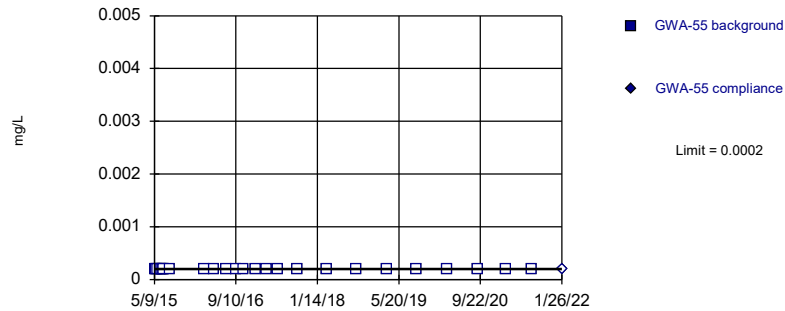


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

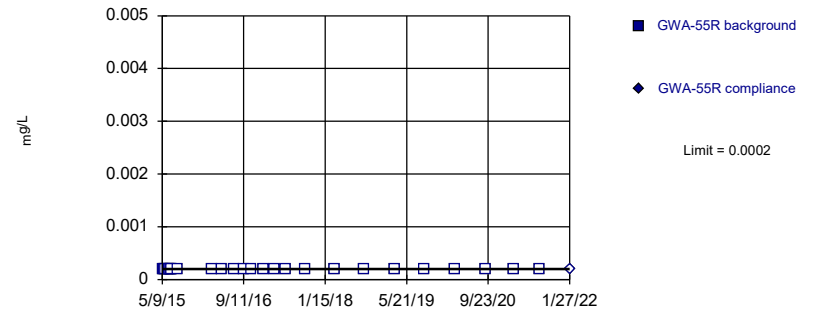


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

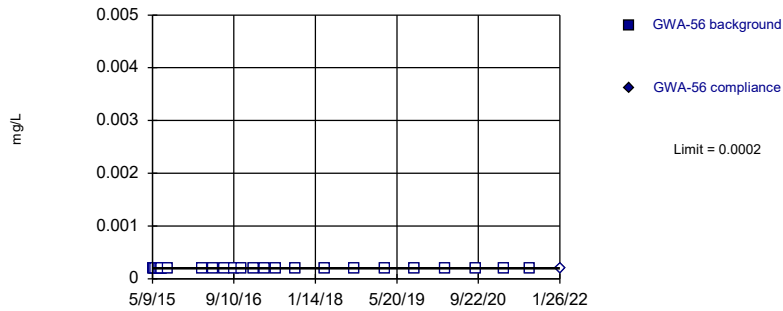


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

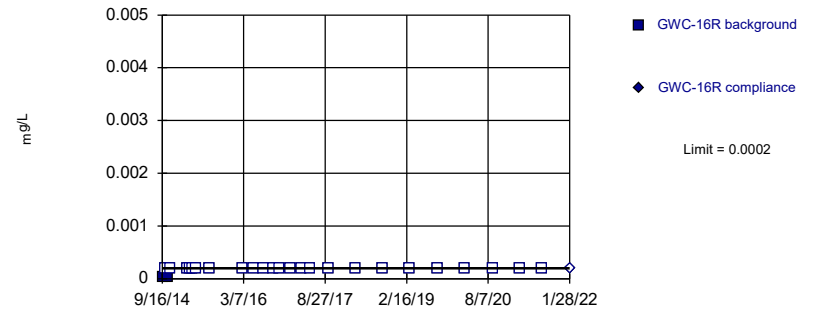


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

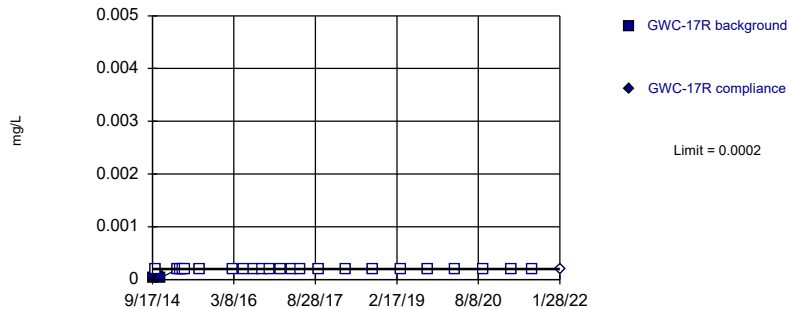


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

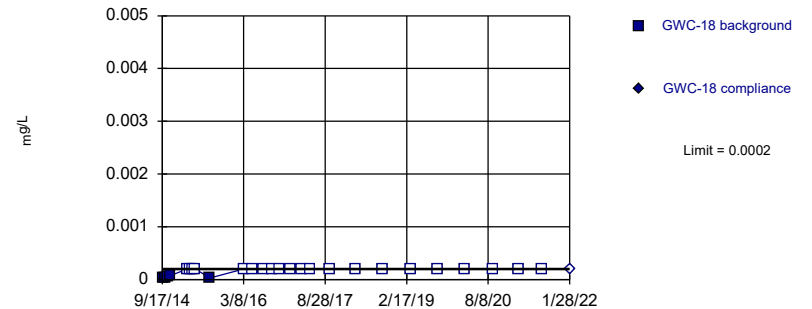


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

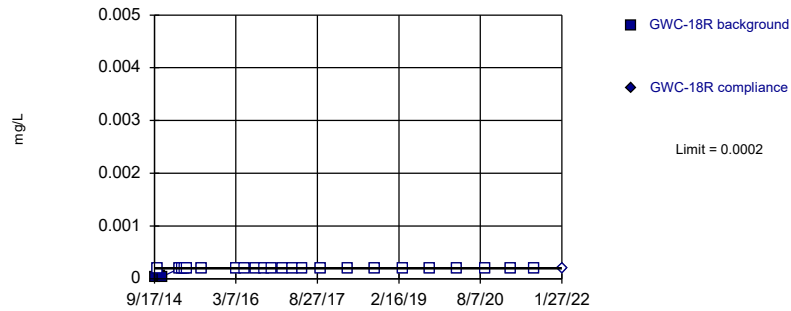


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

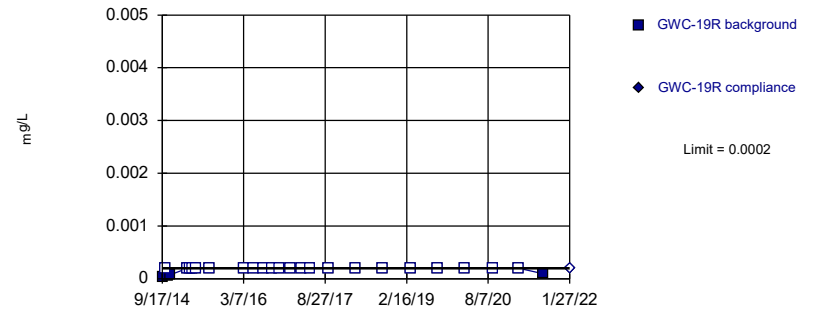


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

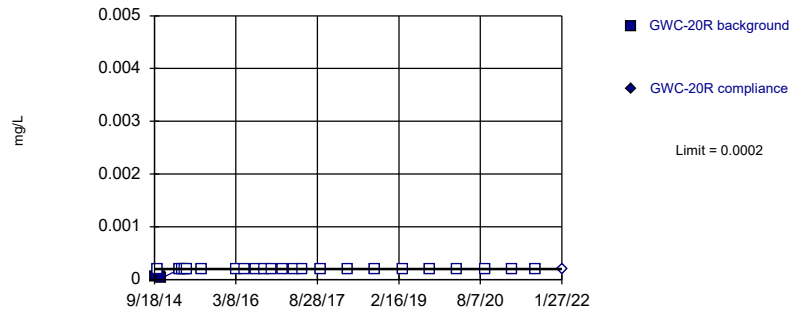


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

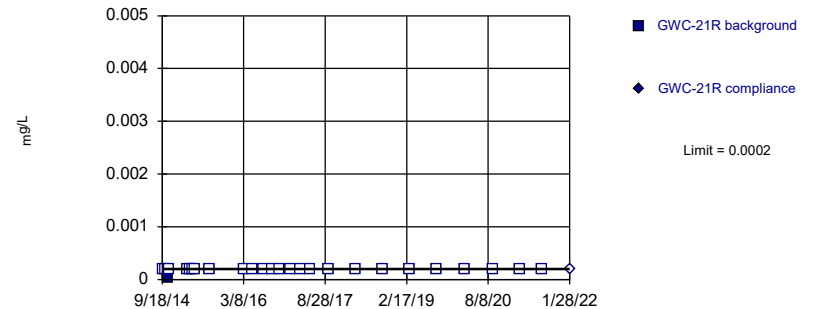


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

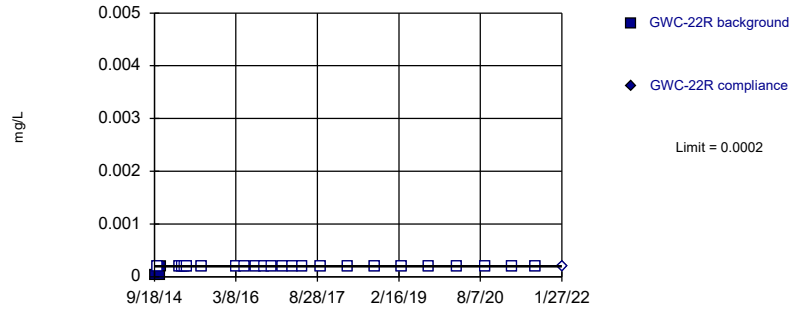


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

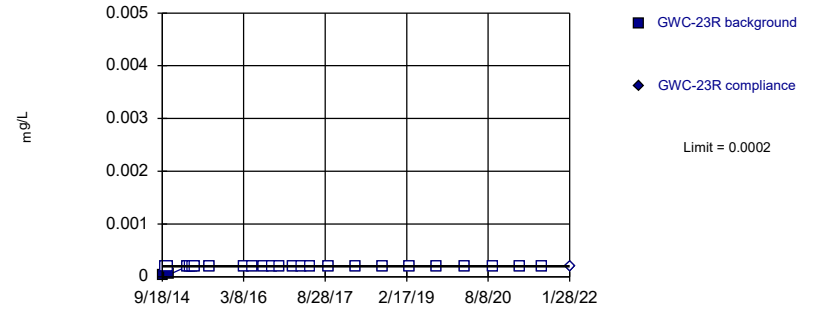


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

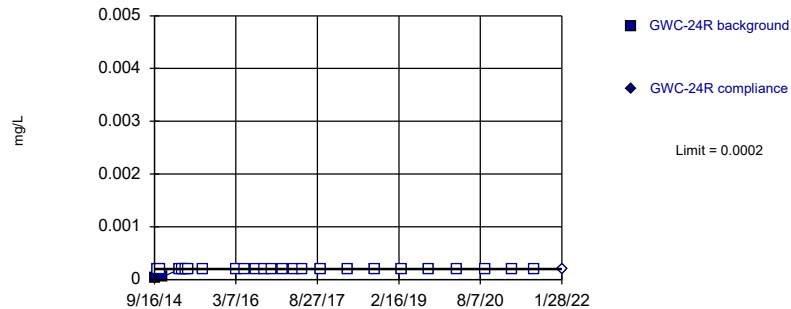


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

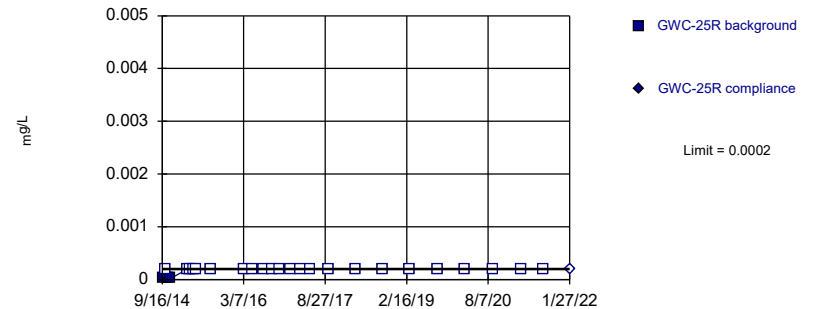


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:24 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

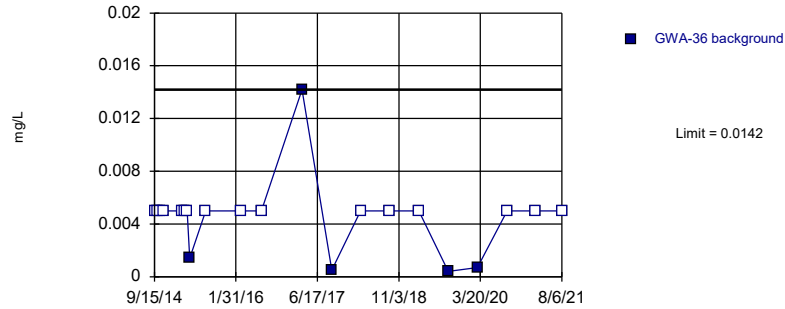
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Mercury Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

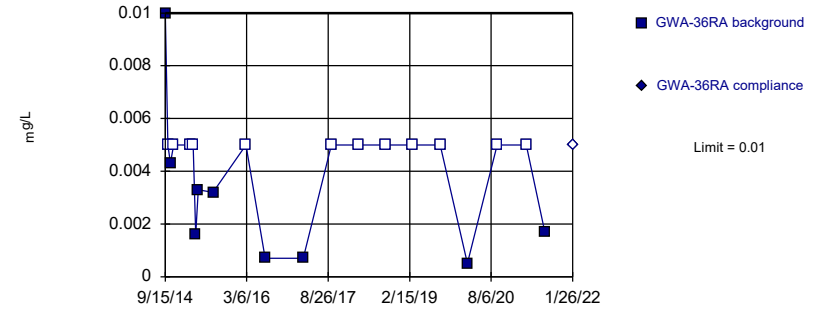
Prediction Limit
Intrawell Non-parametric, GWA-36 (bg)



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2). Assumes 1 future value.

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

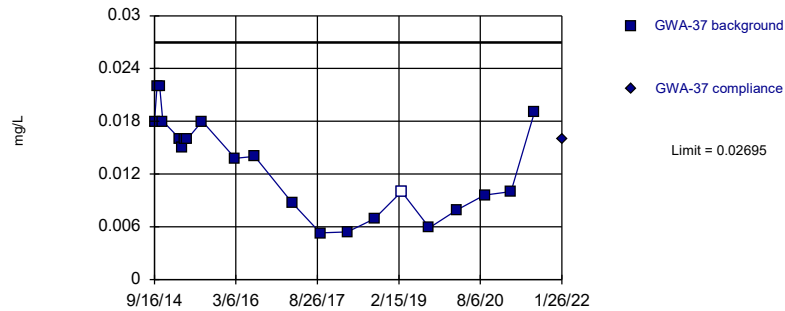
Within Limit
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

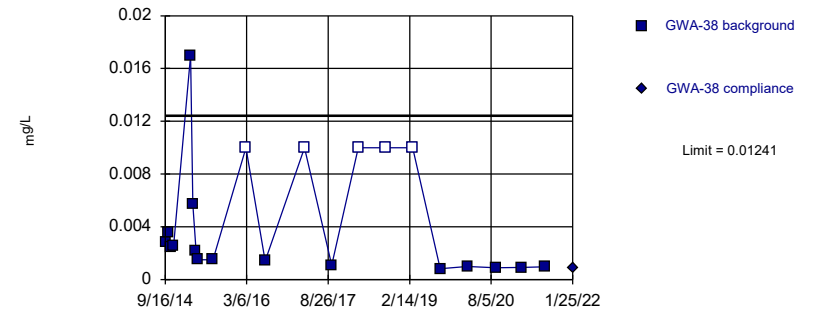
Within Limit
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.01321, Std. Dev.=0.005401, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.935, critical = 0.873. Kappa = 2.544 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit
Prediction Limit
Intrawell Parametric

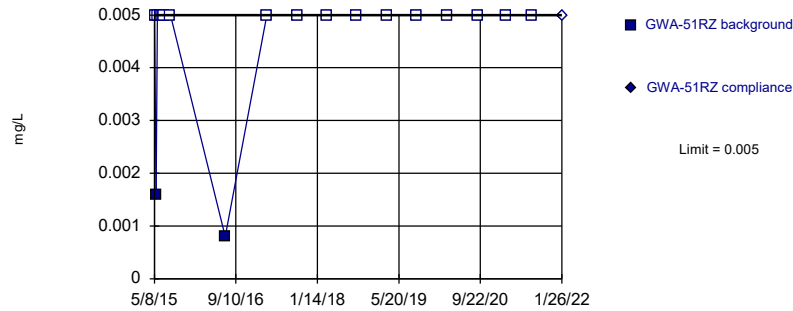


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-6.322, Std. Dev.=0.7598, n=21, 23.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8891, critical = 0.873. Kappa = 2.544 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

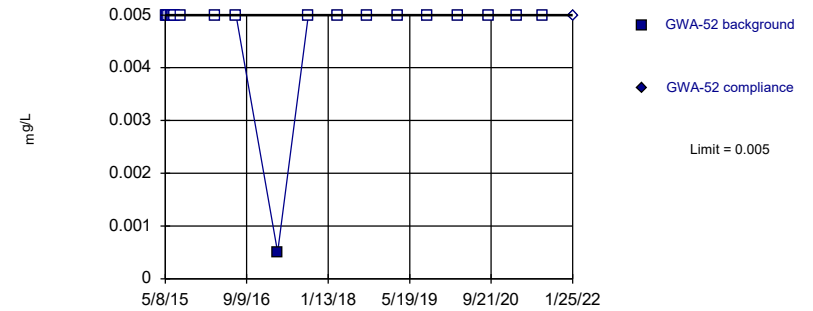


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

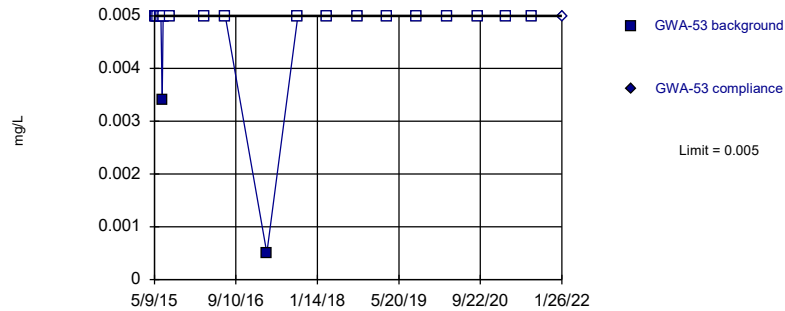


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

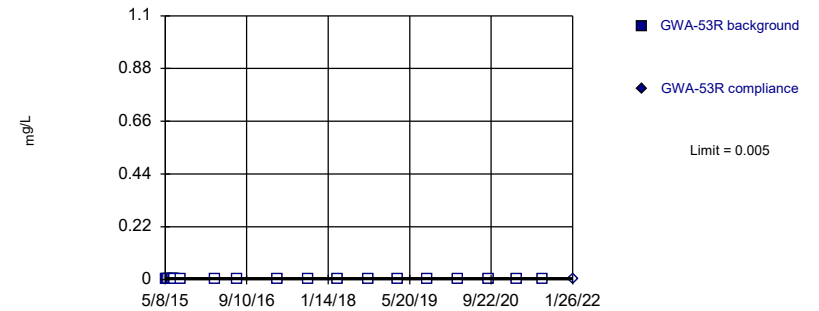


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

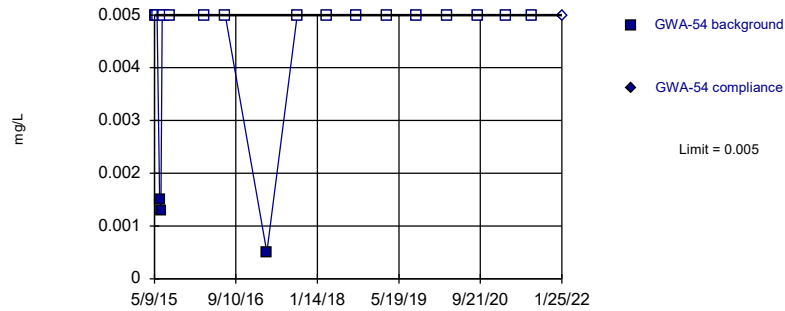


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

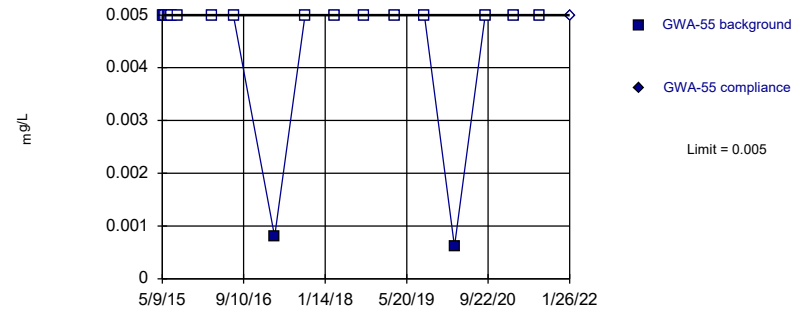


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

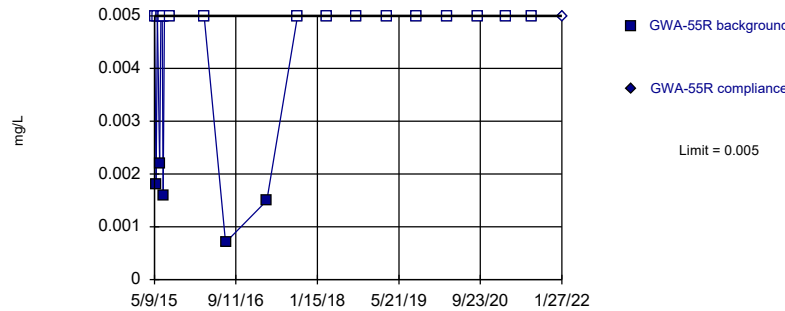


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

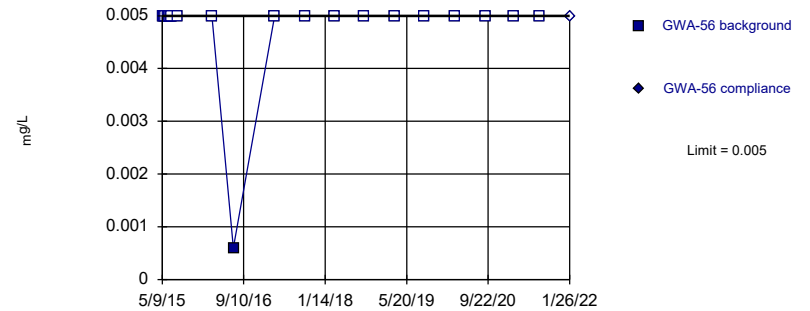


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

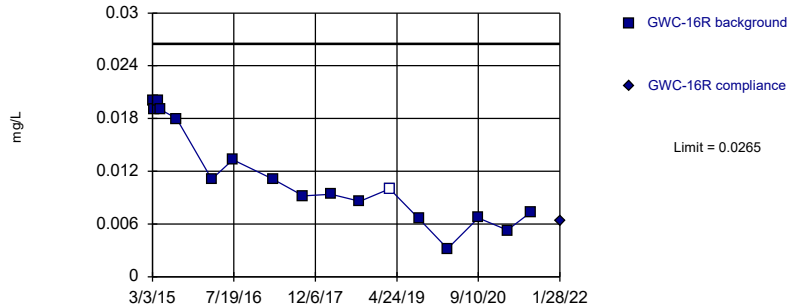


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

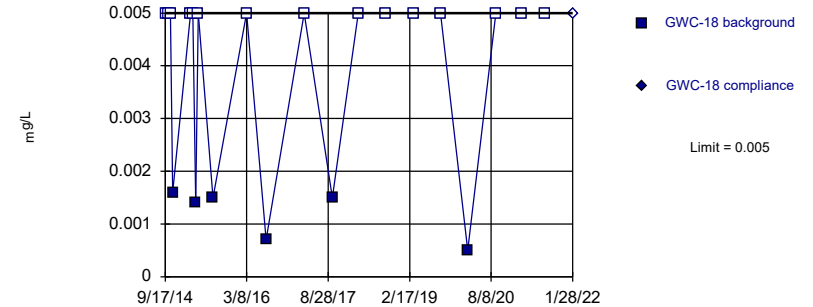


Background Data Summary: Mean=0.01164, Std. Dev.=0.005561, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8999, critical = 0.851. Kappa = 2.673 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

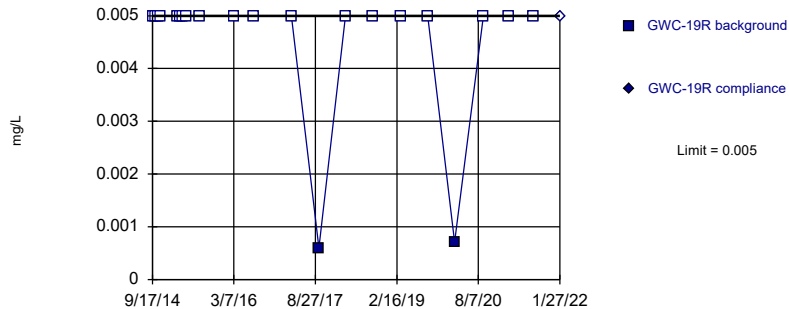


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

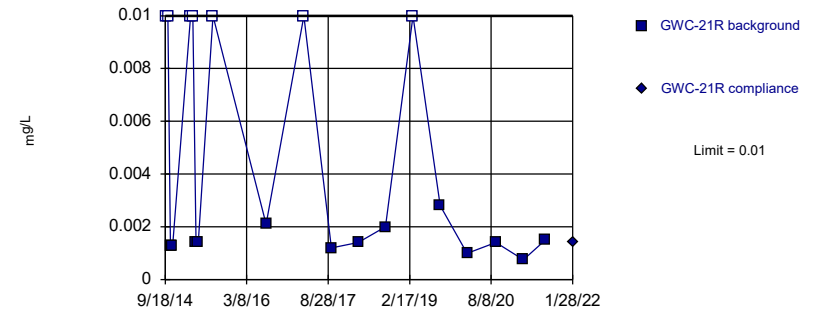


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric



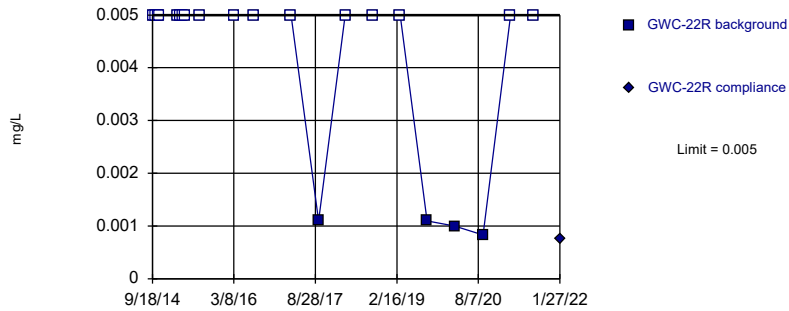
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 35% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sanitas™ v.9.6.32| Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



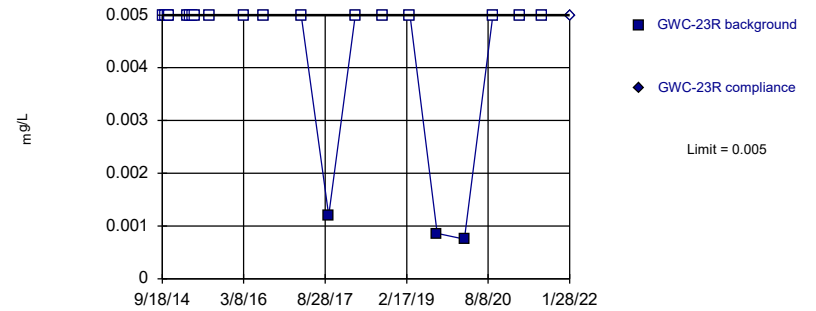
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sanitas™ v.9.6.32| Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



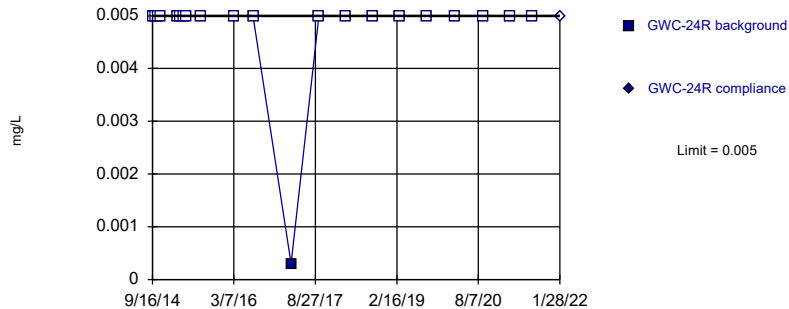
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sanitas™ v.9.6.32| Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



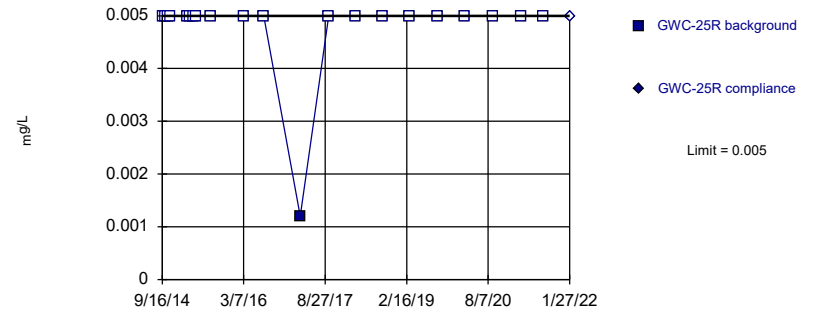
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sanitas™ v.9.6.32| Sanitas software utilized by Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.

Within Limit

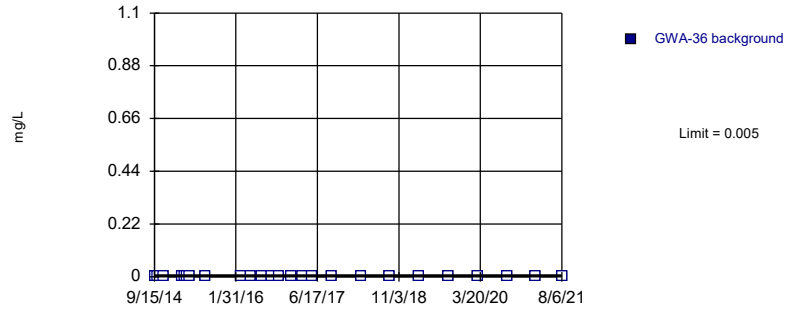
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Nickel Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

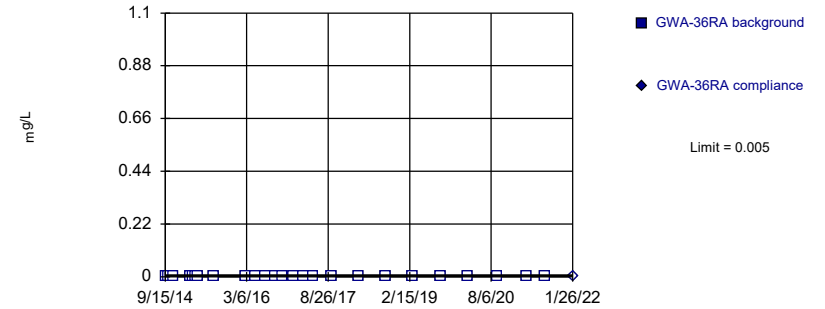
Prediction Limit
Intrawell Non-parametric, GWA-36 (bg)



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Assumes 1 future value.

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

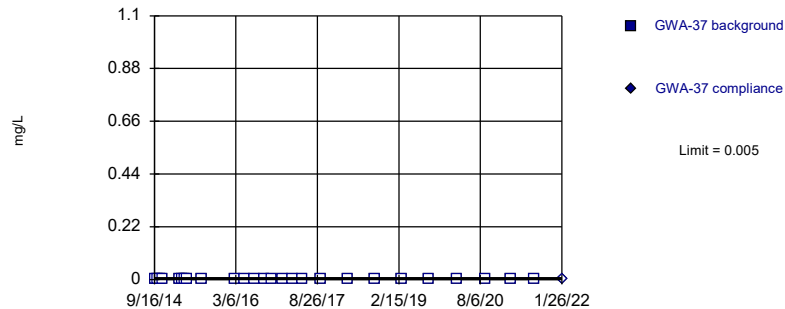
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

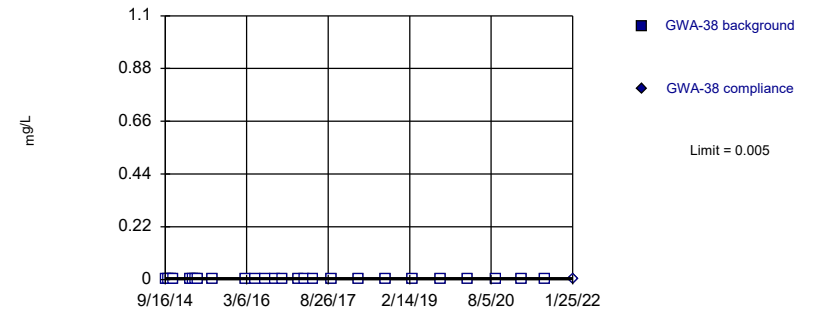
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

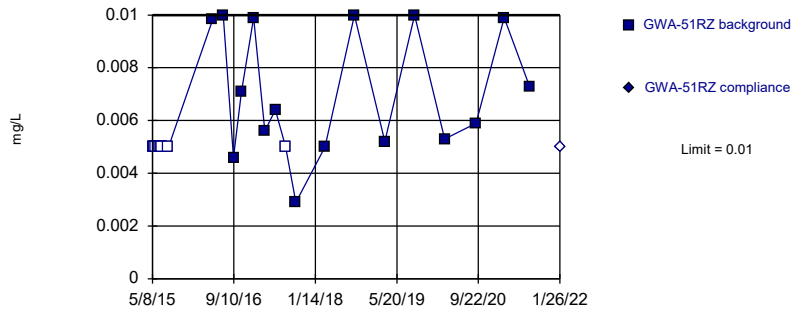


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

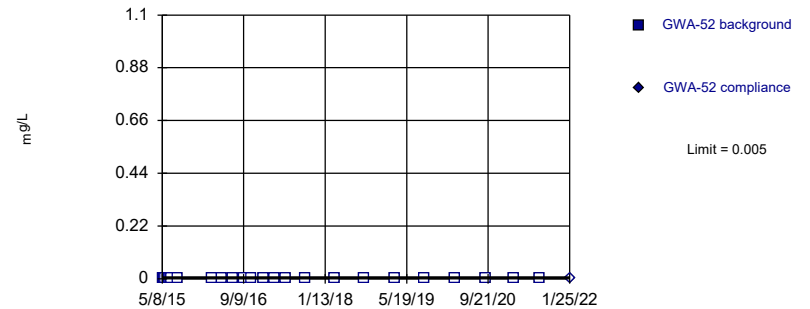


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 38.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

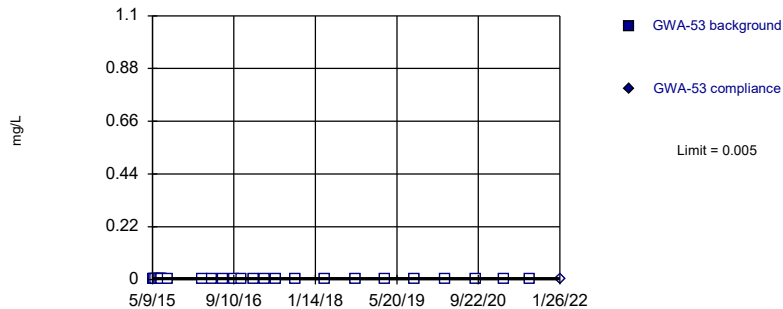


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

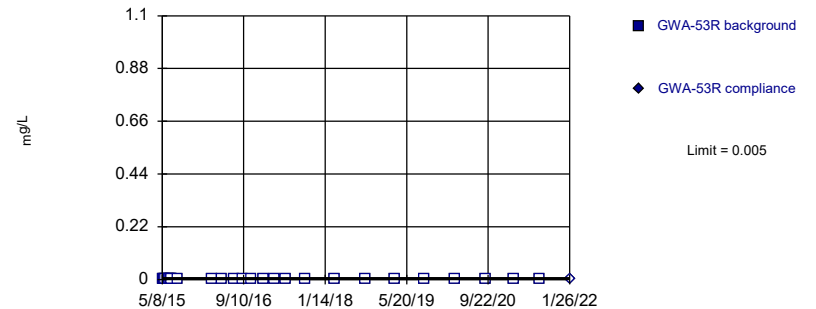


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

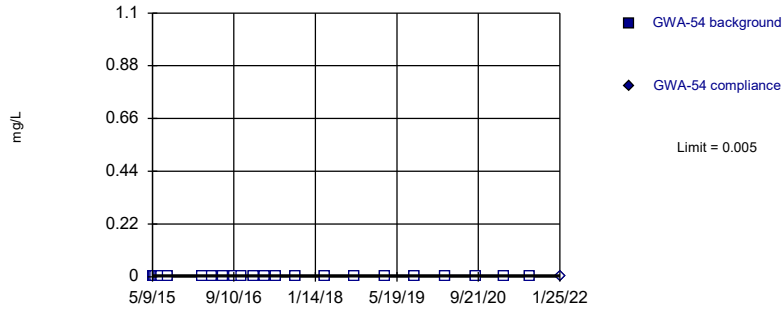


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

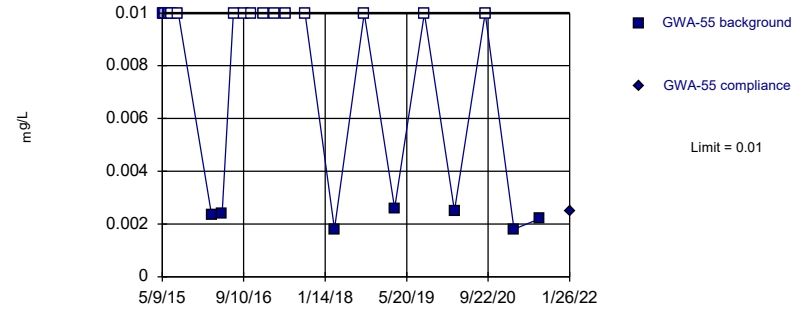


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

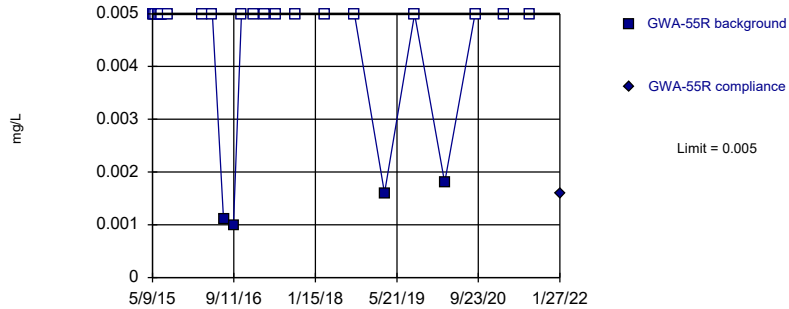


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

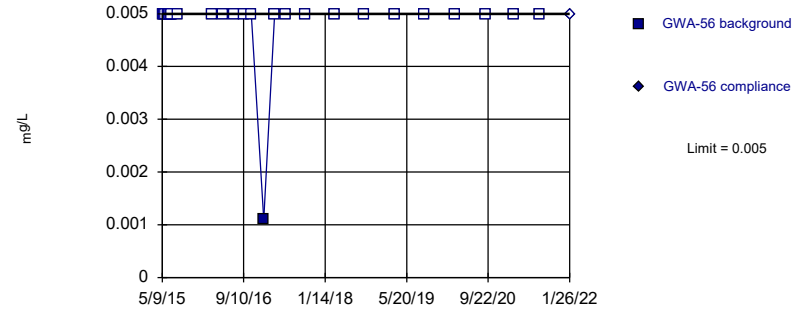


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

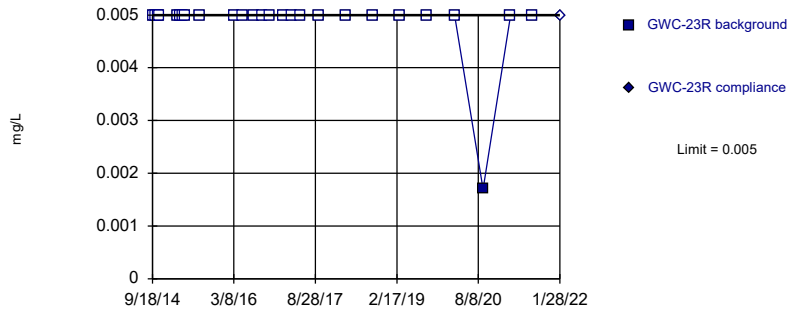


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

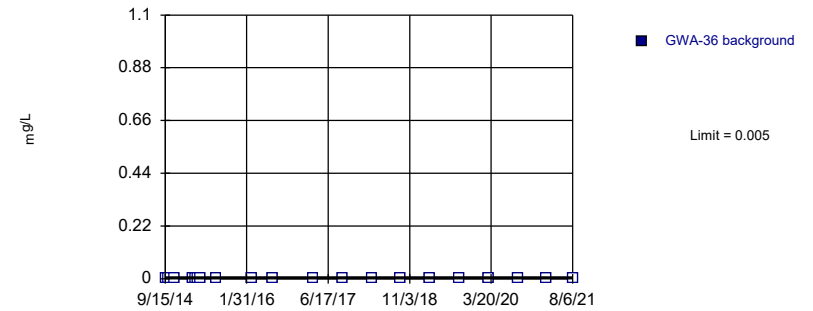


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Selenium Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric, GWA-36 (bg)

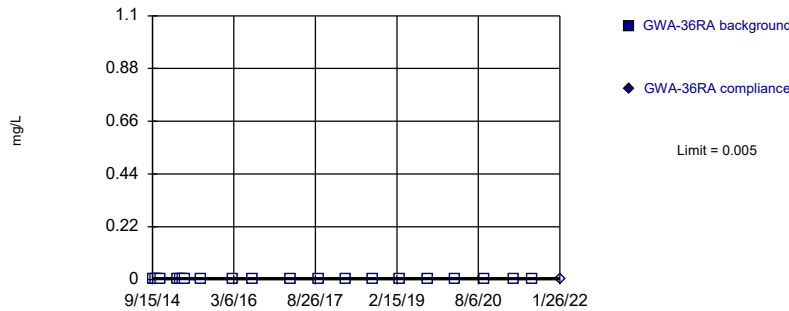


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2). Assumes 1 future value.

Constituent: Silver Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

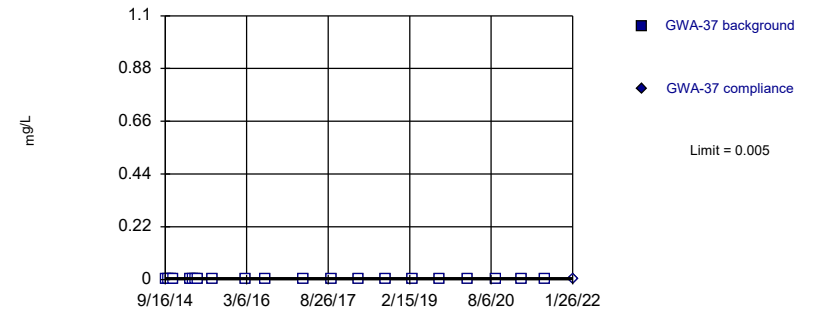


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

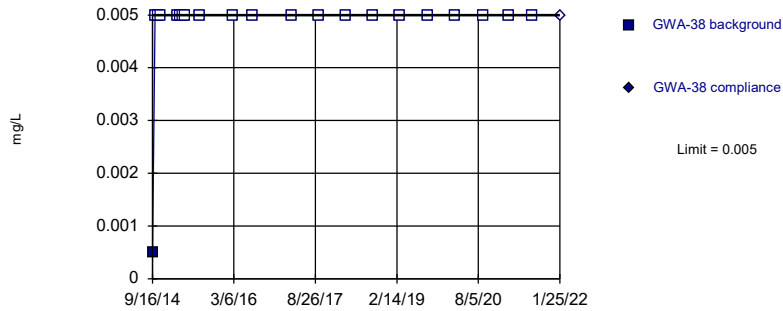


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

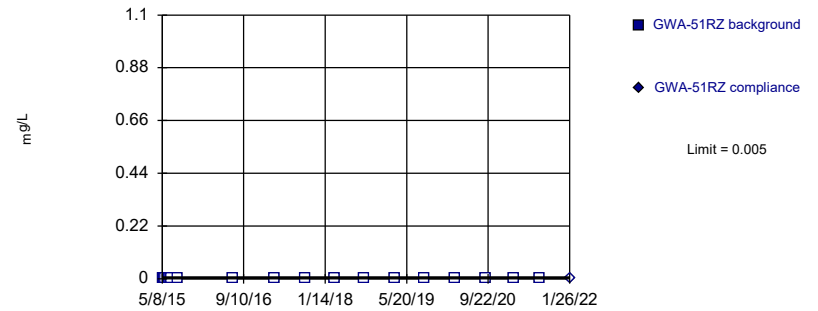


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:25 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

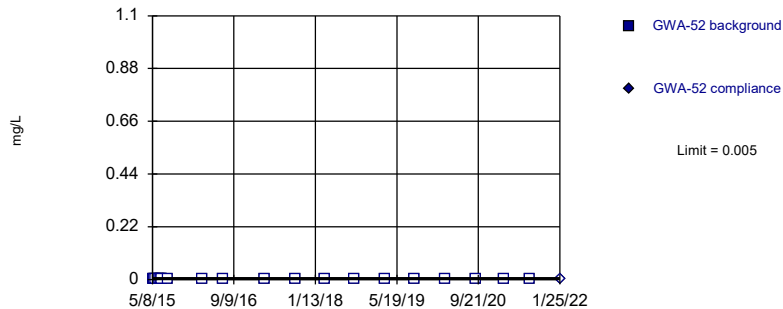


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

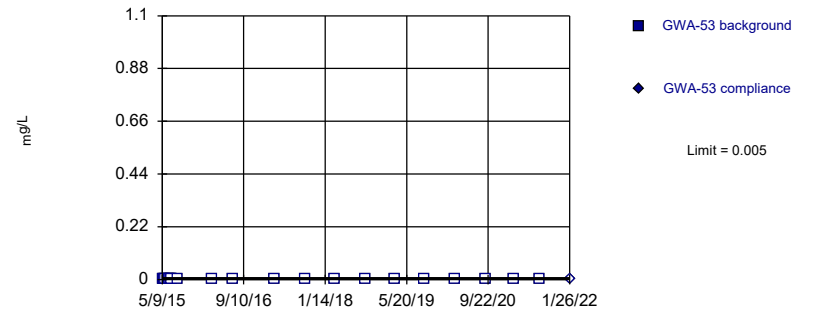


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

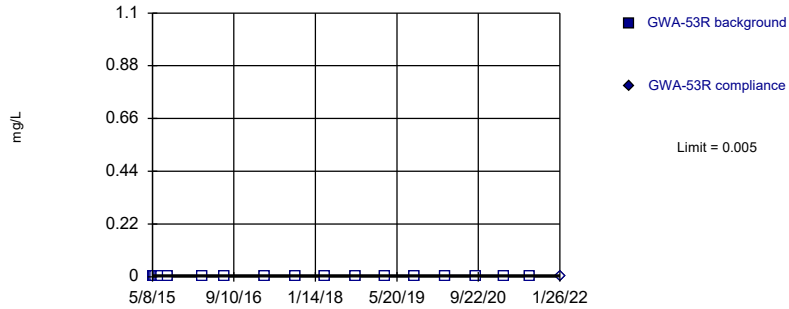


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

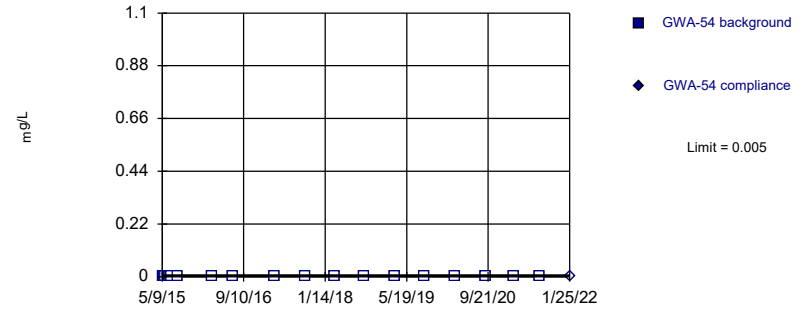


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

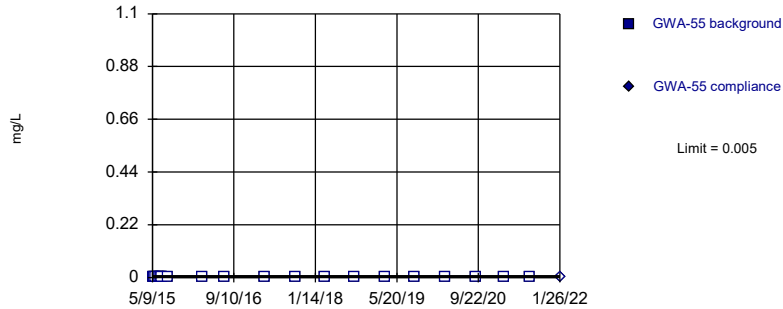


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

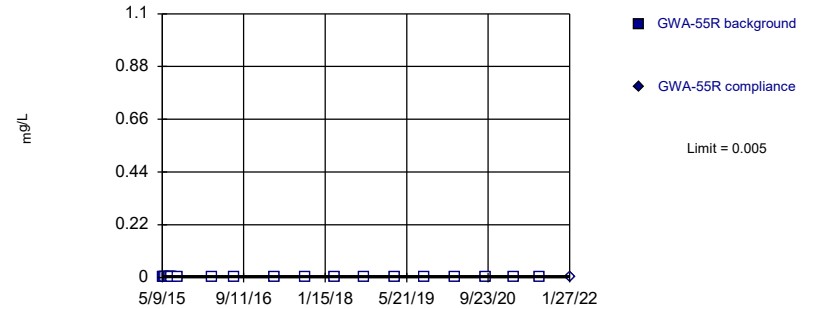


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

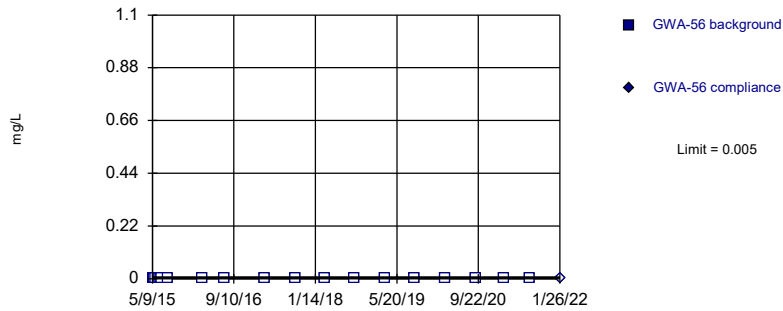


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

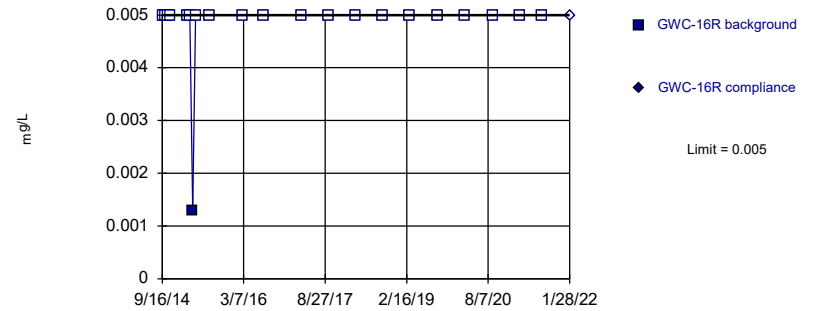


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

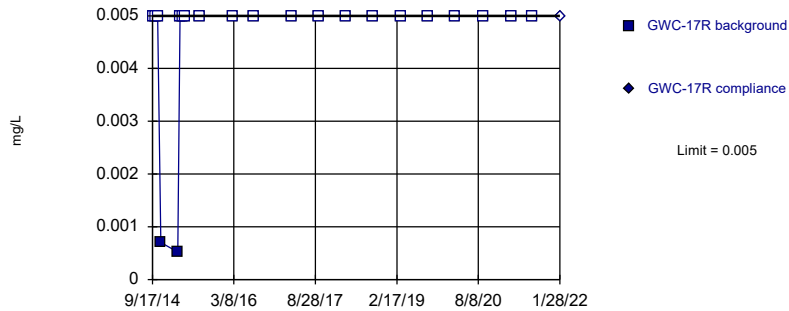


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

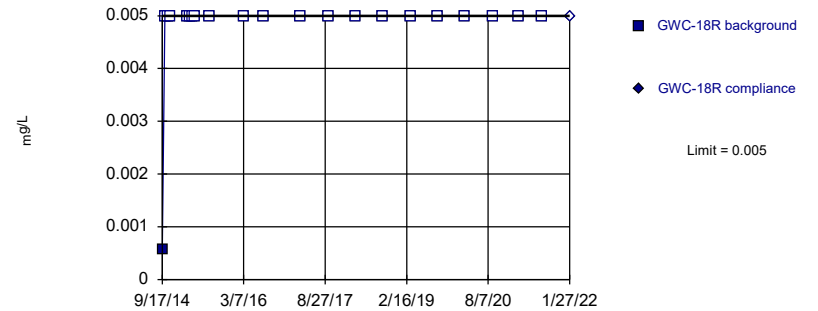


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

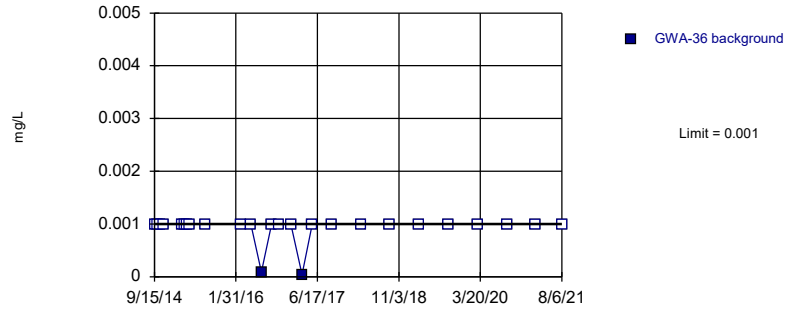
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Silver Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

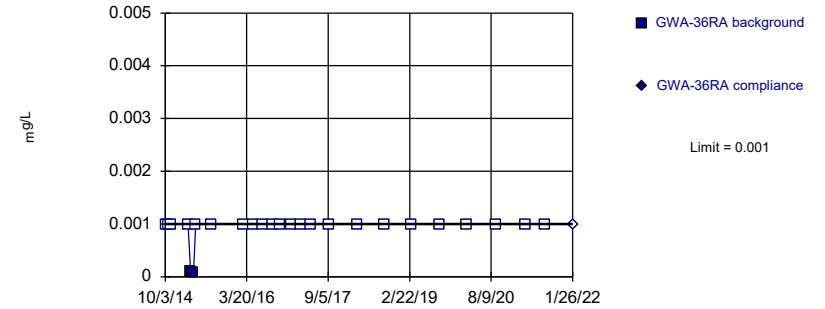
Prediction Limit
Intrawell Non-parametric, GWA-36 (bg)



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2). Assumes 1 future value.

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

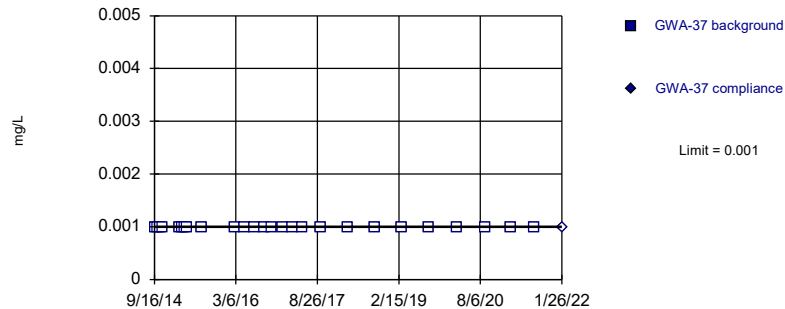
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

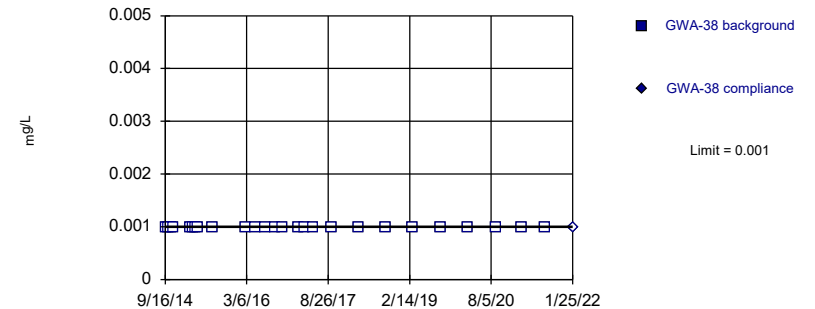
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Non-parametric

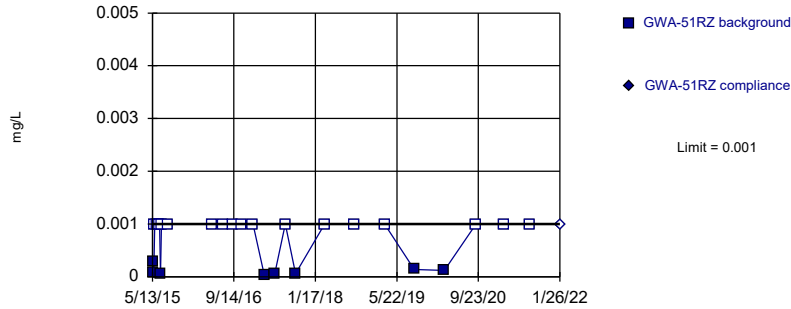


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

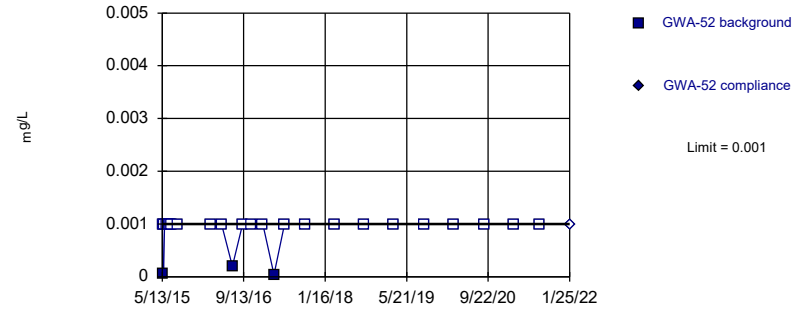


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

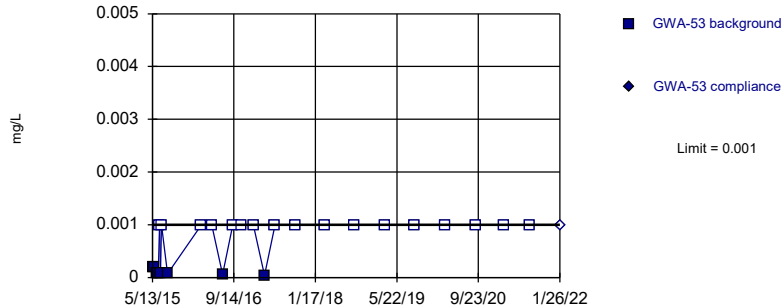


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

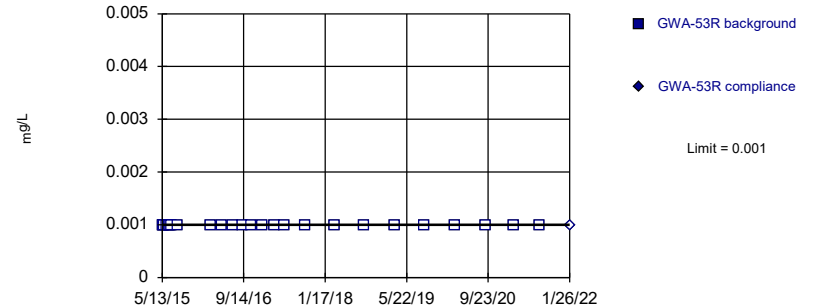


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

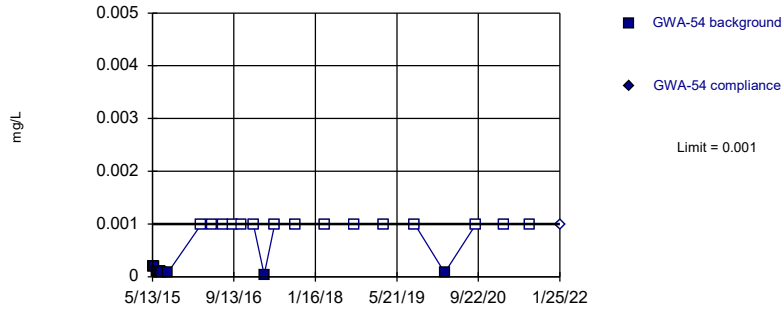


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 25) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

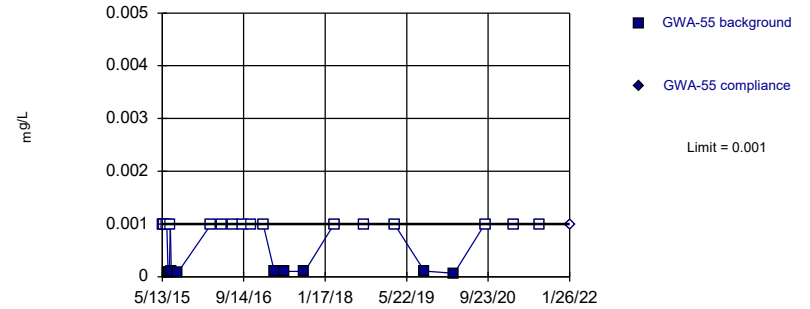


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 57.69% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

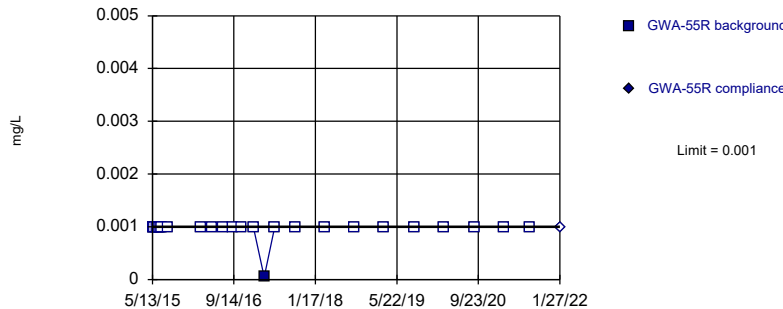


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

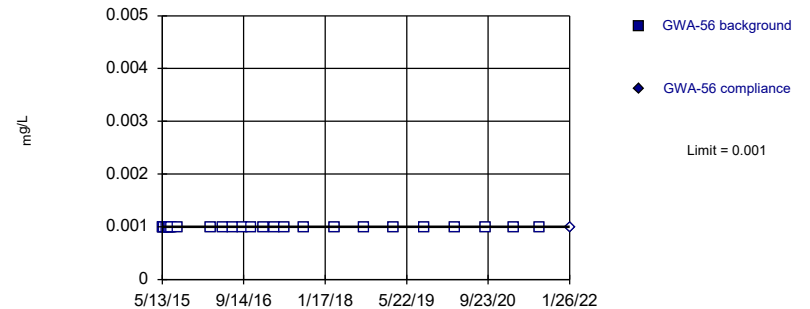


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

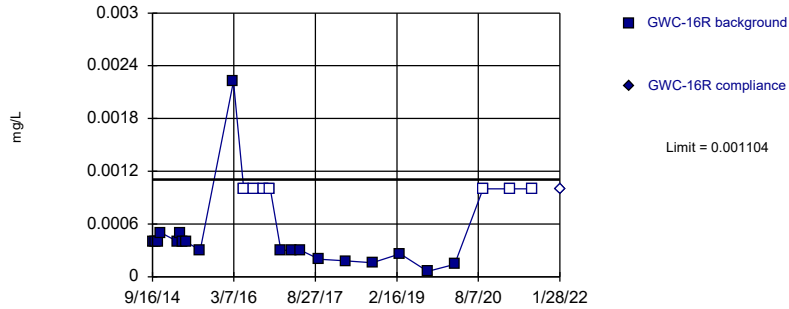


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 26) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

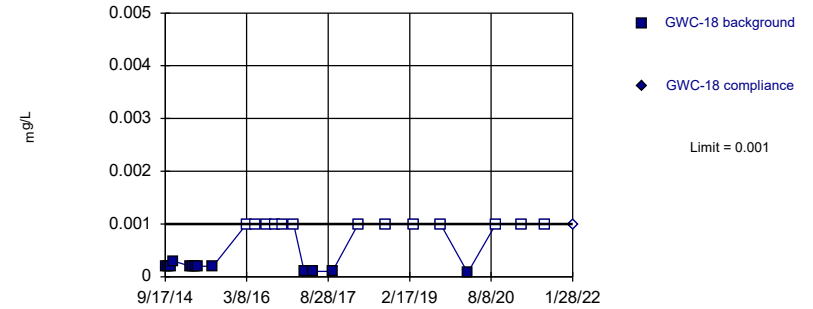


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.01531, Std. Dev.=0.007327, n=26, 26.92% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9007, critical = 0.891. Kappa = 2.446 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

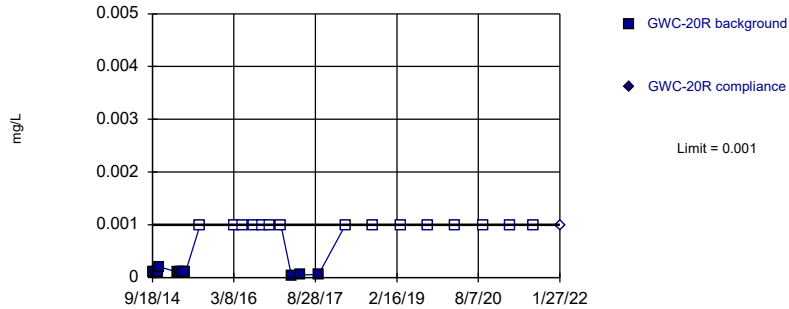


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 50% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

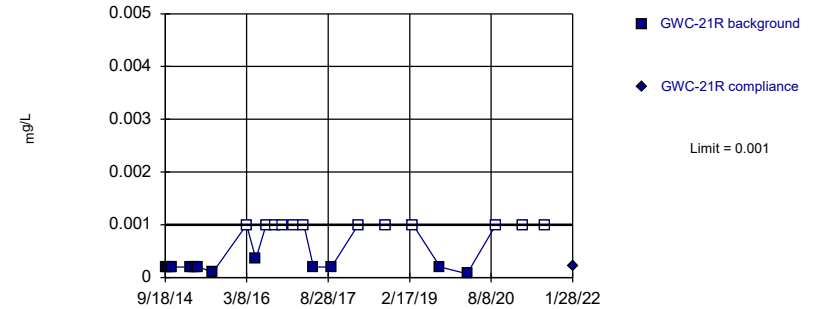


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 57.69% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

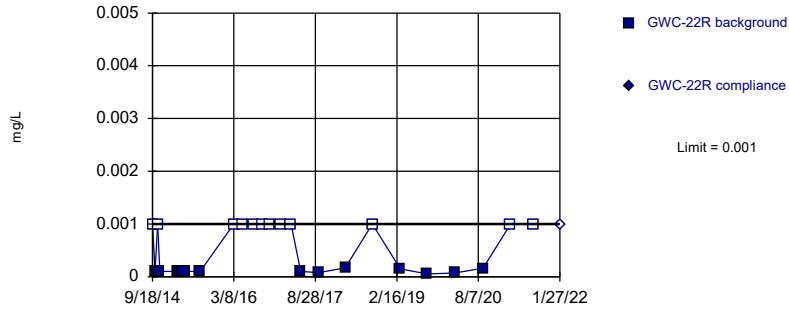


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 46.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

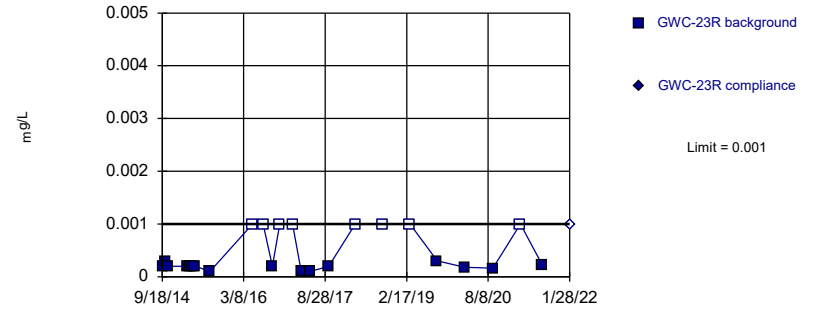


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 46.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

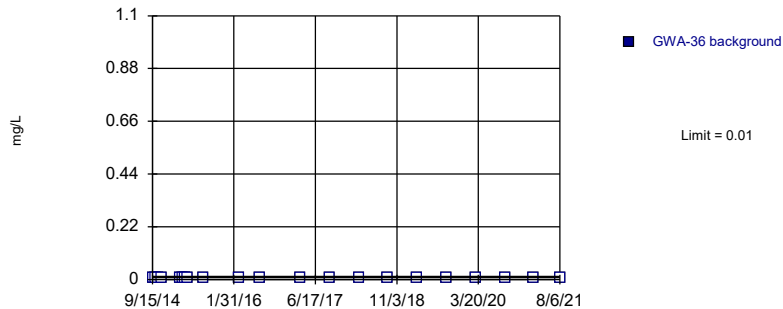


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Thallium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric, GWA-36 (bg)

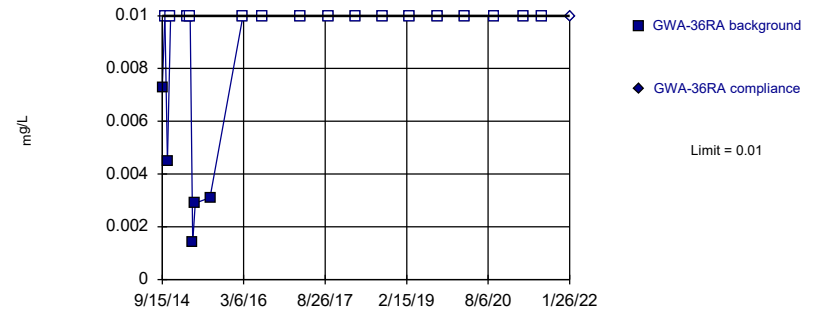


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2). Assumes 1 future value.

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

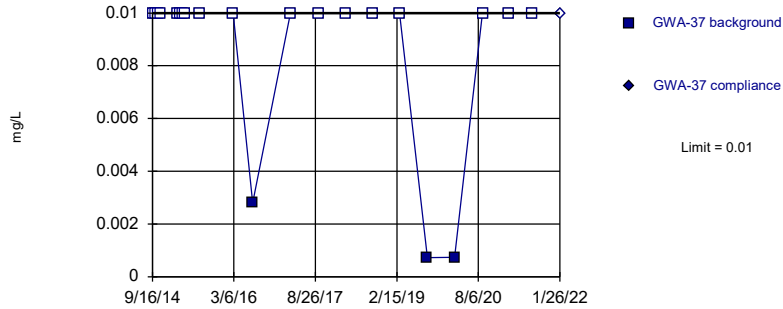


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

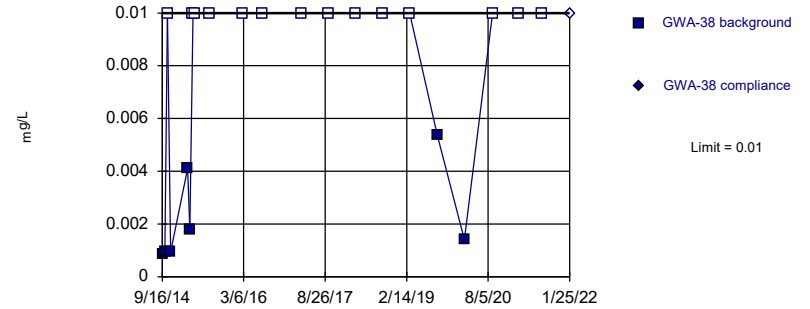


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

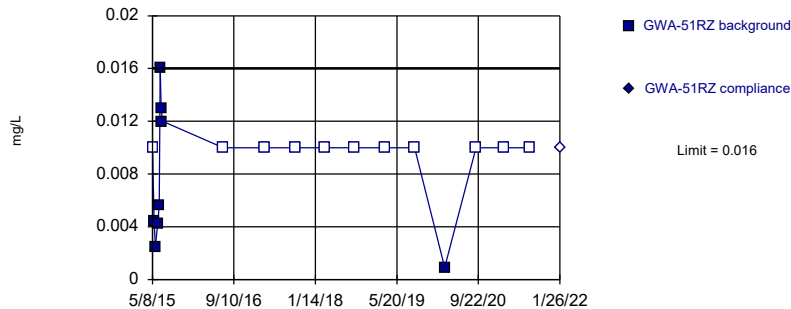


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

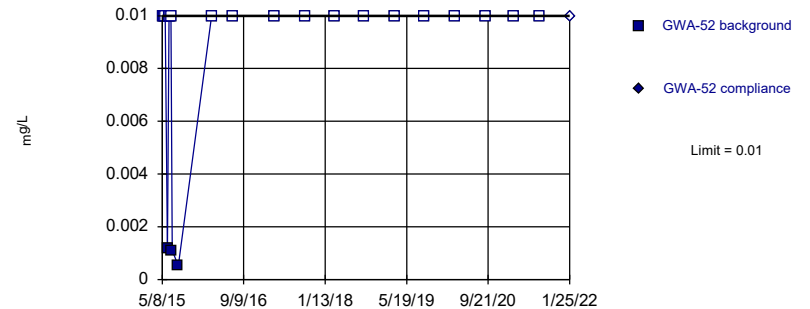


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

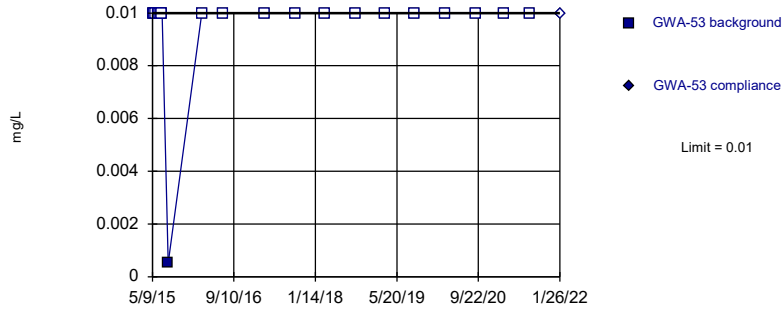


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

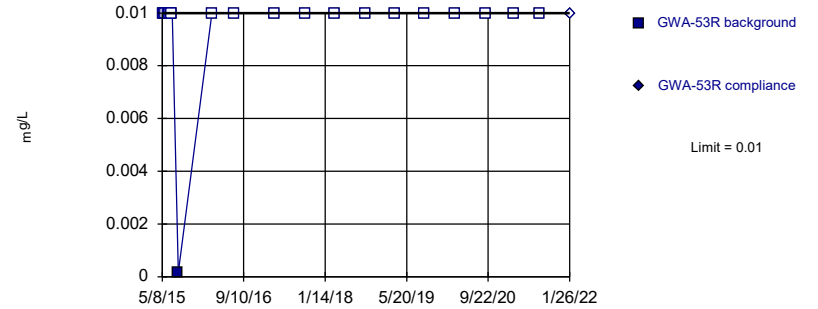


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

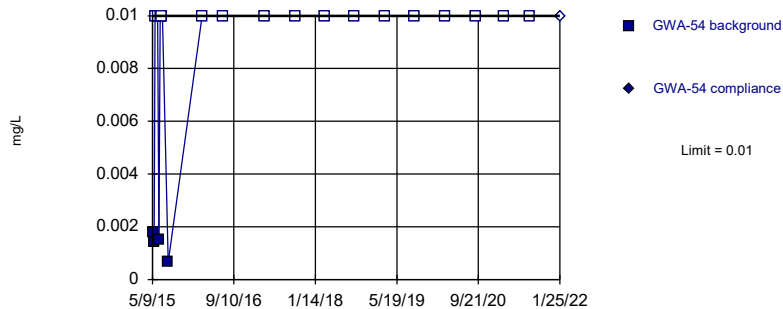


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

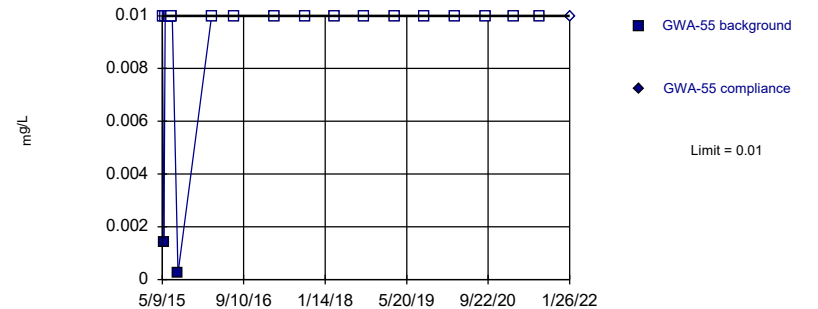


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

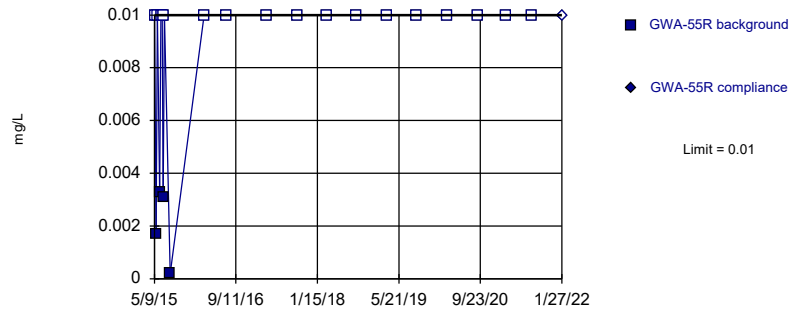


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:26 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

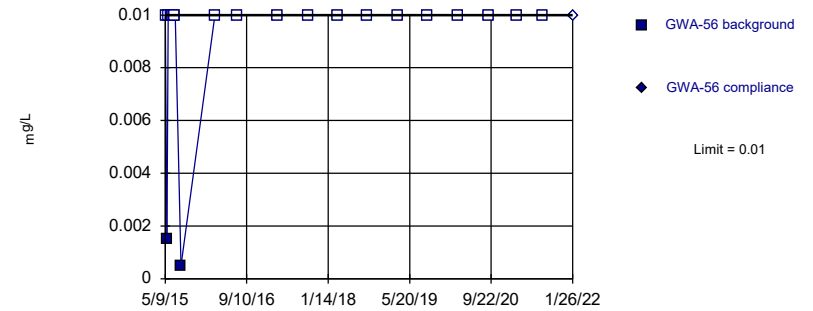


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

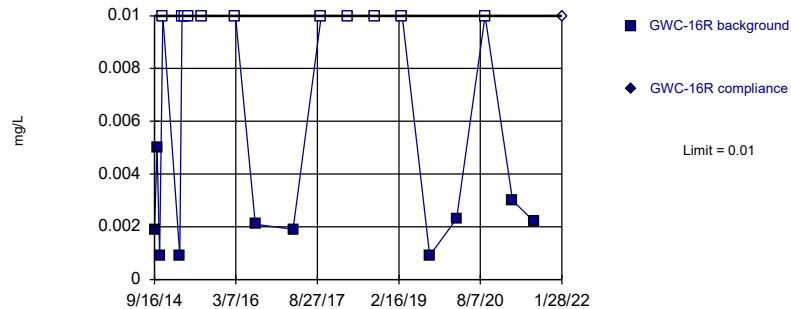


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

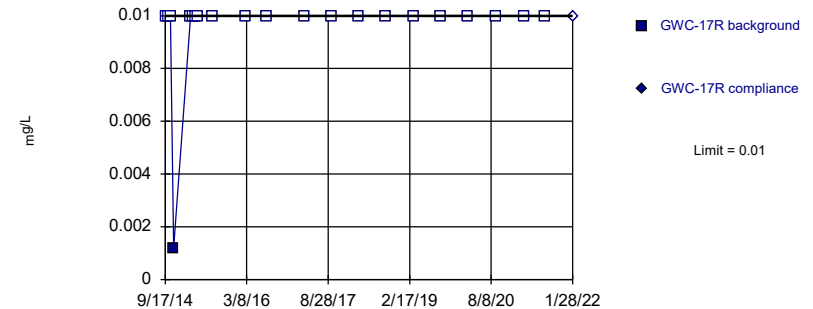


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

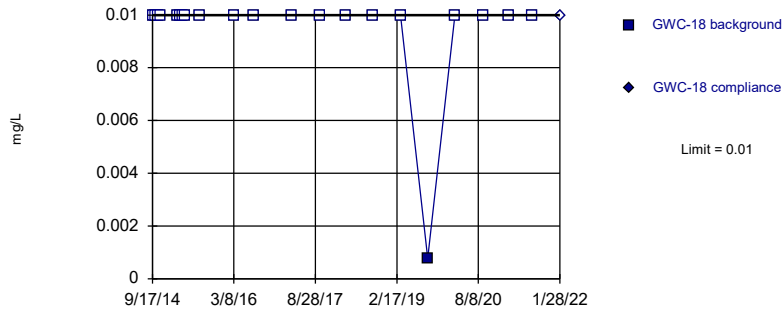


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

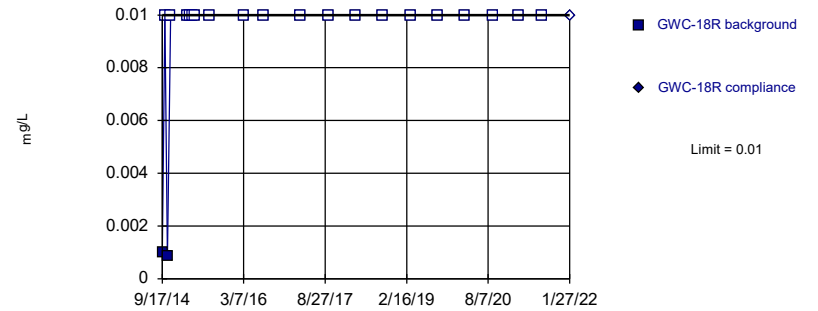


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

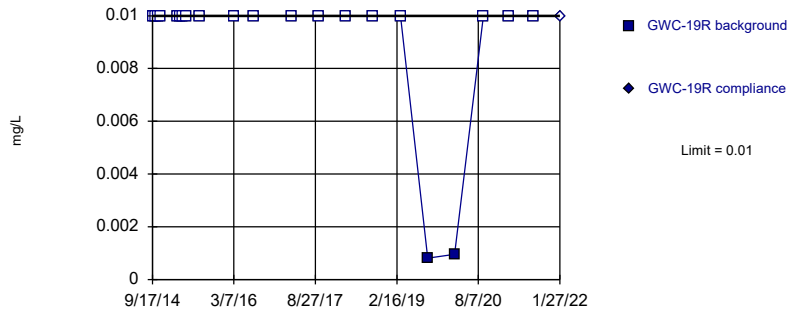


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

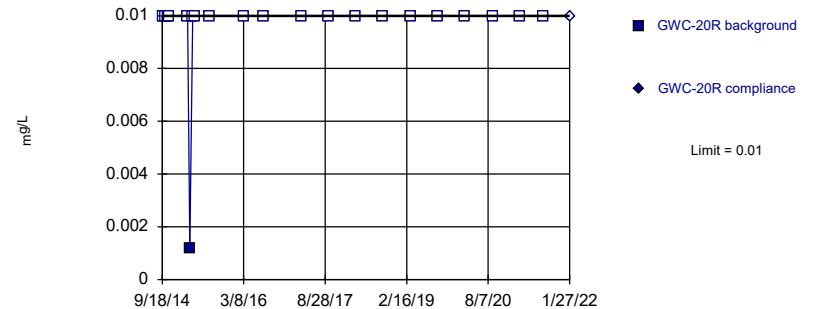


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

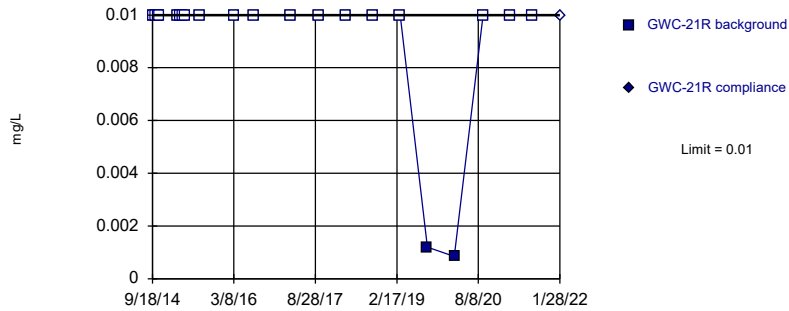


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

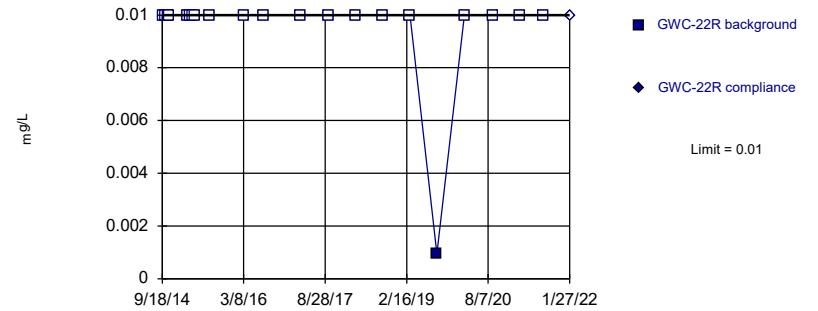


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

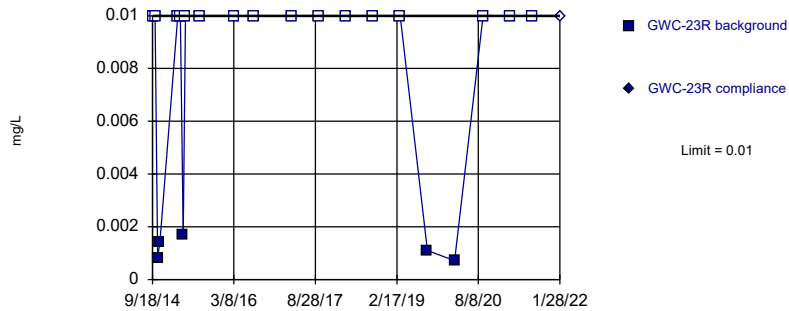


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

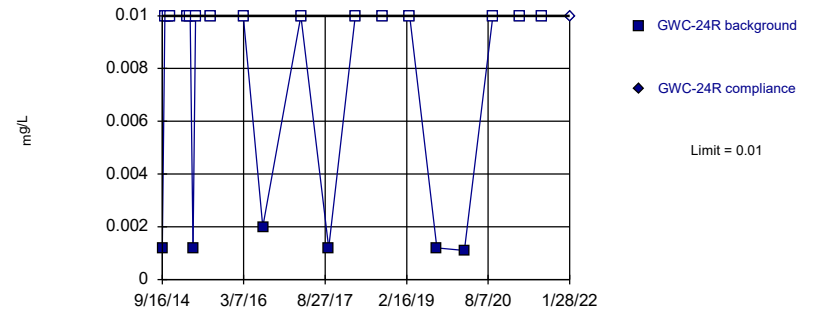


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

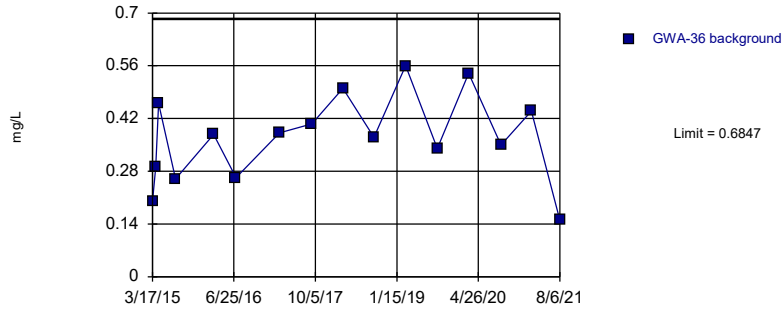
Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Vanadium Analysis Run 4/13/2022 3:27 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

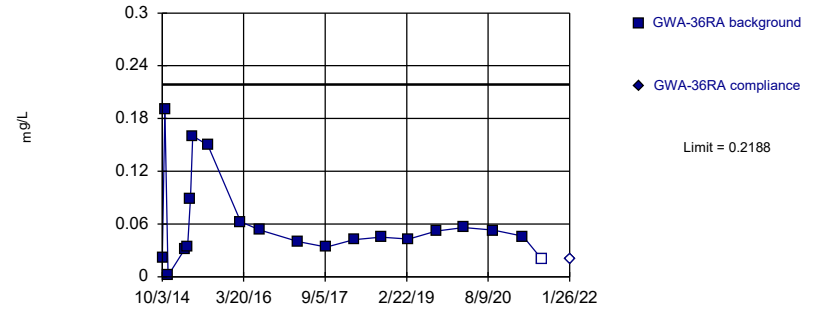
Prediction Limit
Intrawell Parametric, GWA-36 (bg)



Background Data Summary: Mean=0.3681, Std. Dev.=0.1169, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9807, critical = 0.844. Kappa = 2.709 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993. Assumes 1 future value.

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

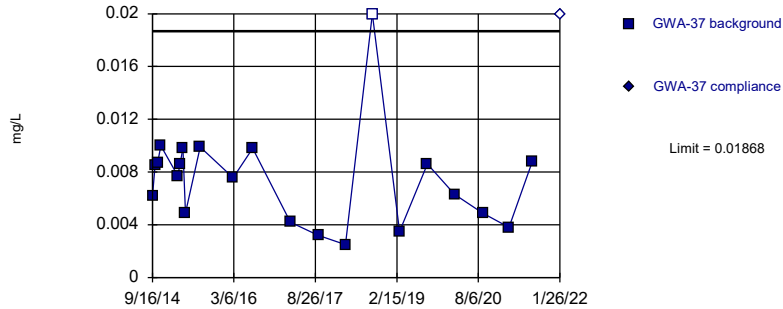
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2304, Std. Dev.=0.09255, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.868. Kappa = 2.565 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

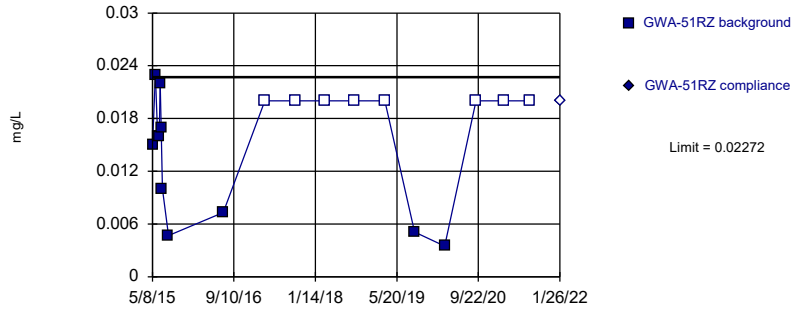
Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

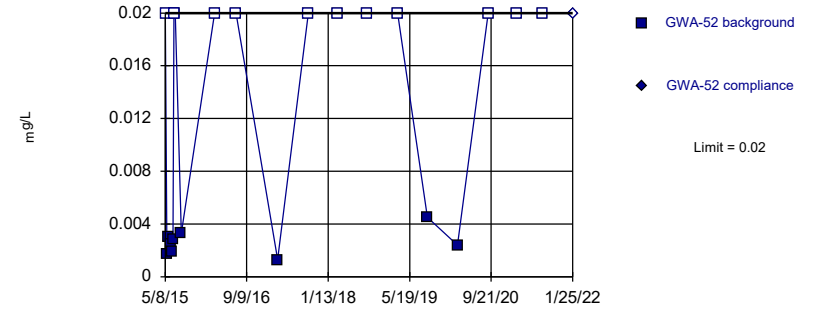


Background Data Summary (based on cube transformation) (after Kaplan-Meier Adjustment): Mean=0.000002681, Std. Dev.=0.000003478, n=19, 42.11% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8817, critical = 0.863. Kappa = 2.601 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

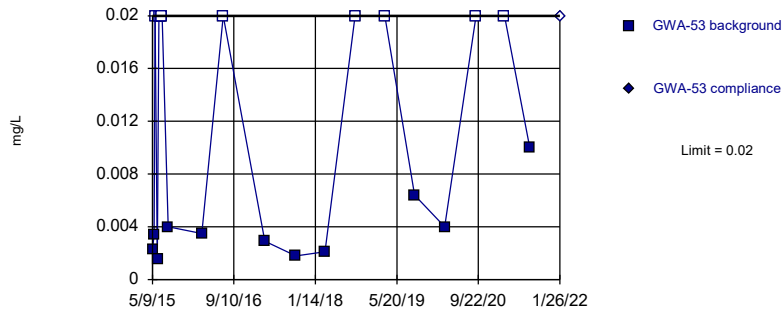


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

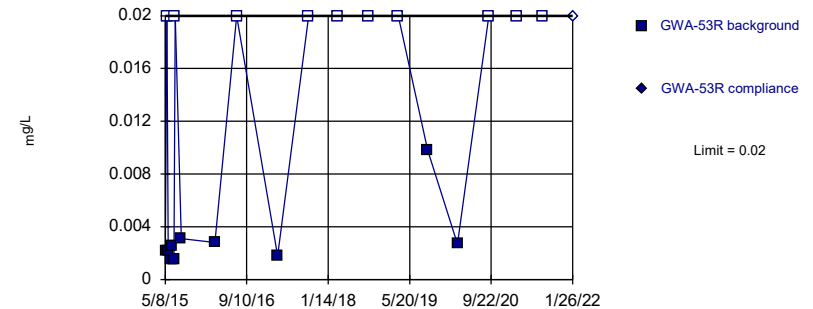


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

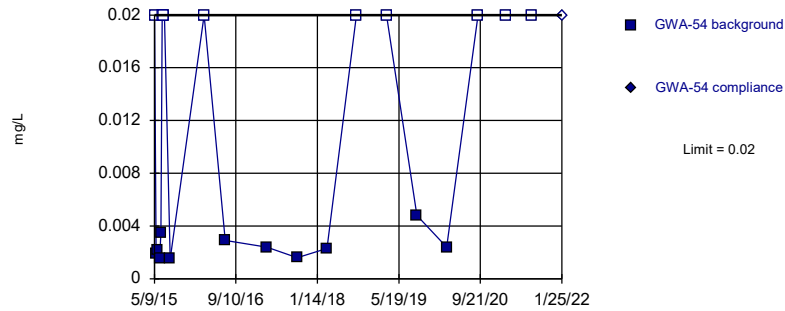


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

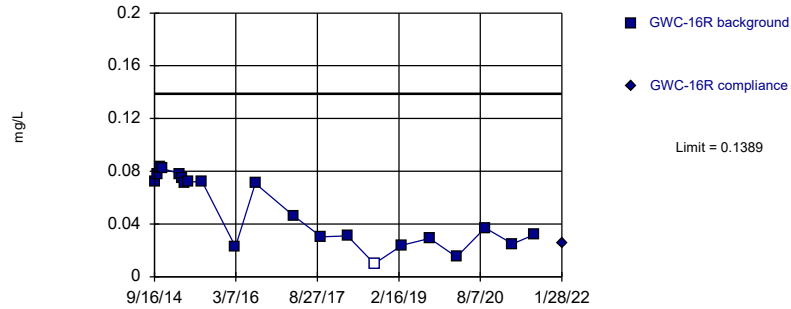
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
Intrawell Parametric

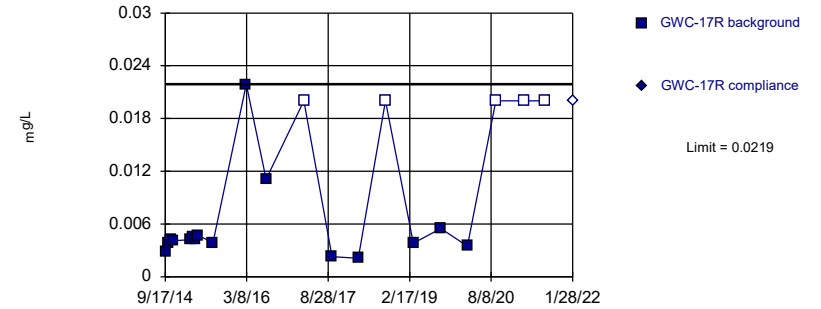


Background Data Summary (based on square root transformation): Mean=0.2161, Std. Dev.=0.06154, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8731, critical = 0.873. Kappa = 2.544 (c=16, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002993.

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

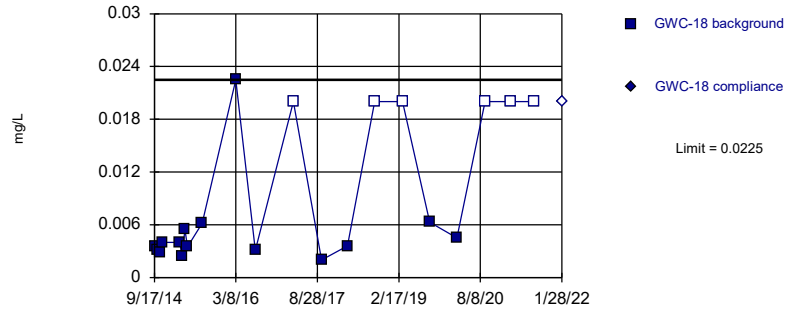


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 23.81% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

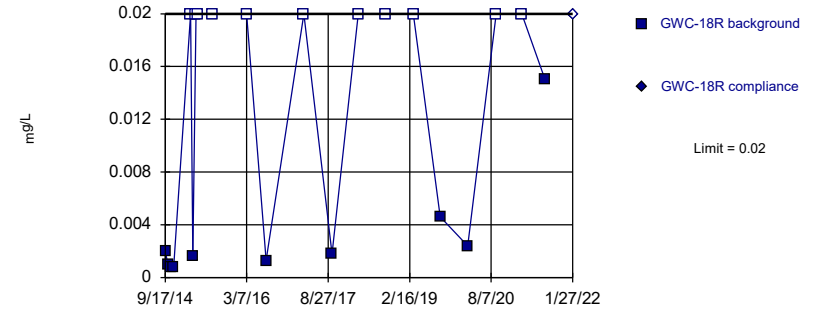


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 28.57% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

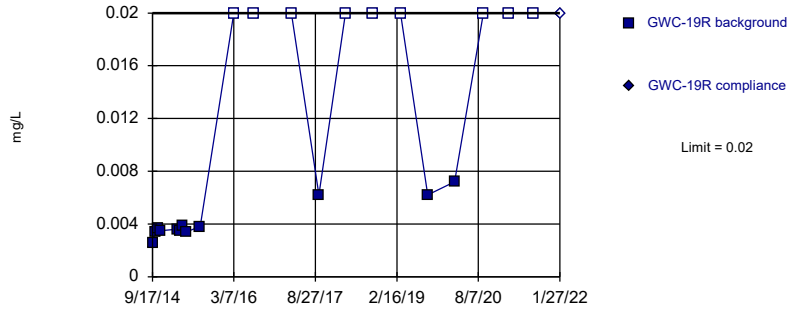


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

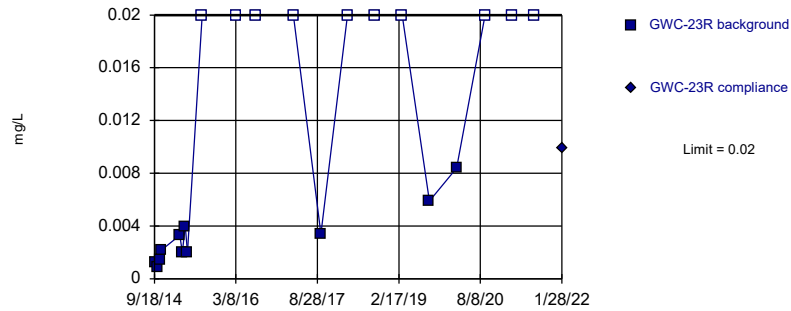
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit
 Intrawell Non-parametric

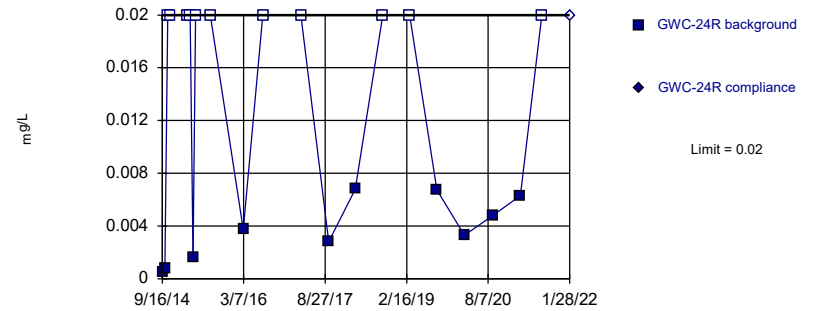


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

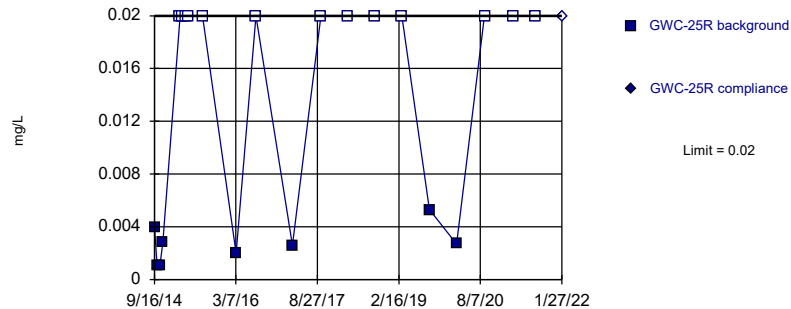


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Zinc Analysis Run 4/13/2022 3:27 PM View: PLs App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.003
10/3/2014	<0.003
10/20/2014	<0.003
11/10/2014	<0.003
3/2/2015	<0.003
3/17/2015	<0.003
4/5/2015	<0.003
4/21/2015	<0.003
7/28/2015	<0.003
3/1/2016	<0.003
5/2/2016	<0.003
7/7/2016	<0.003
9/7/2016	<0.003
10/25/2016	<0.003
1/5/2017	<0.003
3/15/2017	0.0004 (J)
5/17/2017	0.0032
9/15/2017	<0.003
3/12/2018	<0.003
9/6/2018	<0.003
3/6/2019	<0.003
9/4/2019	0.001 (J)
3/2/2020	<0.003
9/3/2020	0.00094 (J)
2/24/2021	0.00068 (J)
8/6/2021	<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	<0.003	
10/3/2014	<0.003	
10/20/2014	<0.003	
11/10/2014	<0.003	
3/2/2015	<0.003	
3/17/2015	<0.003	
4/5/2015	<0.003	
4/21/2015	<0.003	
7/28/2015	<0.003	
3/1/2016	<0.003	
5/2/2016	<0.003	
7/6/2016	<0.003	
9/7/2016	<0.003	
10/25/2016	<0.003	
1/5/2017	<0.003	
3/14/2017	<0.003	
5/16/2017	<0.003	
9/15/2017	<0.003	
3/12/2018	<0.003	
9/6/2018	<0.003	
3/7/2019	<0.003	
9/4/2019	<0.003	
3/2/2020	<0.003	
9/14/2020	<0.003	
3/26/2021	0.00092 (J)	
7/27/2021	<0.003	
1/26/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.003	
10/3/2014	<0.003	
10/20/2014	<0.003	
11/10/2014	<0.003	
3/2/2015	<0.003	
3/17/2015	<0.003	
4/5/2015	<0.003	
4/22/2015	<0.003	
7/28/2015	<0.003	
3/1/2016	0.00214 (J)	
5/3/2016	0.00178 (J)	
7/8/2016	0.0023 (J)	
9/7/2016	0.0039	
10/25/2016	0.0035	
1/6/2017	0.0052	
3/14/2017	0.003	
5/16/2017	0.0026 (J)	
9/15/2017	0.0016 (J)	
3/12/2018	0.0023 (J)	
9/6/2018	0.0024 (J)	
3/6/2019	0.0019 (J)	
9/4/2019	0.0029 (J)	
3/2/2020	0.0018 (J)	
9/3/2020	0.0012 (J)	
2/24/2021	0.0012 (J)	
7/28/2021	0.0016 (J)	
1/26/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	<0.003	
10/3/2014	<0.003	
10/20/2014	<0.003	
11/10/2014	<0.003	
3/2/2015	<0.003	
3/17/2015	<0.003	
4/6/2015	<0.003	
4/22/2015	<0.003	
7/28/2015	<0.003	
3/2/2016	<0.003	
5/3/2016	<0.003	
7/7/2016	<0.003	
9/8/2016	<0.003	
10/25/2016	<0.003	
2/9/2017	<0.003	
3/23/2017	<0.003	
5/17/2017	<0.003	
9/19/2017	<0.003	
3/13/2018	<0.003	
9/6/2018	<0.003	
3/7/2019	<0.003	
9/4/2019	<0.003 (D)	
3/2/2020	<0.003	
9/3/2020	<0.003	
2/24/2021	<0.003	
7/28/2021	<0.003	
1/25/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.003	
5/17/2015	<0.003	
5/25/2015	<0.003	
6/8/2015	<0.003	
6/18/2015	<0.003	
6/24/2015	<0.003	
6/30/2015	<0.003	
7/6/2015	<0.003	
8/12/2015	<0.003	
5/4/2016	0.00254 (JD)	
7/7/2016	0.0033 (D)	
9/8/2016	0.0046 (o)	
10/26/2016	0.001 (D)	
1/6/2017	0.0011 (D)	
3/15/2017	0.0006 (D)	
5/18/2017	0.0009 (D)	
7/19/2017	<0.003 (D)	
9/19/2017	<0.003 (D)	
3/13/2018	<0.003	
9/7/2018	<0.003	
3/8/2019	<0.003	
9/4/2019	0.0006 (J)	
3/3/2020	<0.003	
9/9/2020	0.00035 (J)	
2/25/2021	0.00061 (J)	
7/28/2021	0.00082 (J)	
1/26/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.003	
5/17/2015	<0.003	
5/25/2015	<0.003	
6/8/2015	<0.003	
6/18/2015	<0.003	
6/24/2015	<0.003	
6/30/2015	<0.003	
7/6/2015	<0.003	
8/12/2015	<0.003	
2/29/2016	<0.003	
5/4/2016	<0.003	
7/8/2016	<0.003	
9/8/2016	<0.003	
10/26/2016	<0.003	
1/6/2017	<0.003	
3/15/2017	<0.003	
5/17/2017	<0.003	
9/15/2017	<0.003	
3/13/2018	<0.003	
9/6/2018	<0.003	
3/7/2019	<0.003	
9/4/2019	<0.003	
3/2/2020	<0.003	
9/3/2020	<0.003	
2/24/2021	<0.003	
7/27/2021	0.0028 (J)	
1/25/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.003	
5/18/2015	<0.003	
5/25/2015	<0.003	
6/8/2015	<0.003	
6/17/2015	<0.003	
6/24/2015	<0.003	
6/30/2015	<0.003	
7/6/2015	<0.003	
8/12/2015	<0.003	
3/2/2016	0.000782 (J)	
5/3/2016	<0.003	
7/8/2016	<0.003	
9/8/2016	0.0009 (J)	
10/26/2016	0.0012 (J)	
1/9/2017	<0.003	
3/16/2017	<0.003	
5/19/2017	0.0005 (J)	
9/19/2017	<0.003	
3/13/2018	<0.003	
9/11/2018	<0.003	
3/8/2019	<0.003	
9/5/2019	0.00035 (J)	
3/4/2020	0.0019 (J)	
9/8/2020	0.0017 (J)	
2/26/2021	<0.003	
7/29/2021	0.00096 (J)	
1/26/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.003	
5/17/2015	<0.003	
5/25/2015	<0.003	
6/8/2015	<0.003	
6/18/2015	<0.003	
6/24/2015	<0.003	
6/30/2015	<0.003	
7/6/2015	<0.003	
8/12/2015	<0.003	
3/2/2016	0.00106 (J)	
5/3/2016	0.00171 (J)	
7/11/2016	<0.003	
9/7/2016	0.0013 (J)	
10/27/2016	0.0011 (J)	
1/6/2017	0.0013 (J)	
3/16/2017	0.0029 (J)	
5/19/2017	<0.003	
9/19/2017	<0.003	
3/13/2018	0.0034	
9/11/2018	0.0033	
3/12/2019	0.002 (J)	
9/5/2019	0.00035 (J)	
3/4/2020	0.00053 (J)	
9/8/2020	0.00078 (J)	
2/26/2021	0.0006 (J)	
7/29/2021	0.00096 (J)	
1/26/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.003	
5/18/2015	<0.003	
5/25/2015	<0.003	
6/9/2015	<0.003	
6/17/2015	<0.003	
6/25/2015	<0.003	
7/1/2015	<0.003	
7/7/2015	<0.003	
8/12/2015	<0.003	
3/2/2016	<0.003	
5/4/2016	<0.003	
7/8/2016	<0.003	
9/8/2016	0.0019 (J)	
10/26/2016	<0.003	
1/9/2017	<0.003	
3/15/2017	<0.003	
5/18/2017	<0.003	
9/15/2017	<0.003	
3/13/2018	<0.003	
9/6/2018	0.001 (J)	
3/7/2019	<0.003	
9/5/2019	<0.003	
3/3/2020	0.0011 (J)	
9/8/2020	<0.003	
2/25/2021	<0.003	
7/27/2021	0.00086 (J)	
1/25/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.003	
5/18/2015	<0.003	
5/26/2015	<0.003	
6/9/2015	<0.003	
6/17/2015	<0.003	
6/25/2015	<0.003	
7/1/2015	<0.003	
7/7/2015	<0.003	
8/13/2015	<0.003	
3/2/2016	0.000608 (J)	
5/3/2016	<0.003	
7/11/2016	<0.003	
9/9/2016	<0.003	
10/26/2016	<0.003	
1/9/2017	<0.003	
3/16/2017	<0.003	
5/18/2017	<0.003	
9/15/2017	<0.003	
3/12/2018	<0.003	
9/7/2018	<0.003	
3/8/2019	<0.003	
9/5/2019	<0.003	
3/3/2020	<0.003	
9/4/2020	0.00065 (J)	
2/25/2021	<0.003	
7/28/2021	<0.003	
1/26/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.003	
5/18/2015	<0.003	
5/26/2015	<0.003	
6/9/2015	<0.003	
6/17/2015	<0.003	
6/25/2015	<0.003	
7/1/2015	<0.003	
7/7/2015	<0.003	
8/13/2015	<0.003	
3/3/2016	<0.003	
5/3/2016	<0.003	
7/11/2016	<0.003	
9/9/2016	0.0009 (J)	
10/27/2016	<0.003	
1/9/2017	0.0023 (J)	
3/16/2017	0.0007 (J)	
5/18/2017	0.0012 (J)	
9/18/2017	<0.003	
3/12/2018	<0.003	
9/7/2018	<0.003	
3/7/2019	<0.003	
9/5/2019	<0.003	
3/4/2020	<0.003	
9/4/2020	<0.003	
2/25/2021	<0.003	
7/28/2021	<0.003	
1/27/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.003	
5/19/2015	<0.003	
5/26/2015	<0.003	
6/9/2015	<0.003	
6/17/2015	<0.003	
6/25/2015	<0.003	
7/1/2015	<0.003	
7/7/2015	<0.003	
8/13/2015	<0.003	
3/3/2016	<0.003	
5/9/2016	<0.003	
7/11/2016	<0.003	
9/9/2016	<0.003	
10/26/2016	<0.003	
1/9/2017	0.0012 (J)	
3/15/2017	<0.003	
5/18/2017	<0.003	
9/15/2017	<0.003	
3/13/2018	<0.003	
9/7/2018	<0.003	
3/7/2019	<0.003	
9/4/2019	<0.003	
3/4/2020	<0.003	
9/4/2020	<0.003	
2/25/2021	<0.003	
7/28/2021	<0.003	
1/26/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:02 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	<0.0083	
10/4/2014	<0.0083	
10/21/2014	<0.0083	
11/11/2014	<0.0083	
3/3/2015	<0.0083	
3/18/2015	<0.0083	
4/6/2015	<0.0083	
4/23/2015	<0.0083	
7/29/2015	<0.0083	
3/3/2016	0.00472 (D)	
5/10/2016	0.0047	
7/13/2016	<0.0083	
9/15/2016	0.0013 (J)	
11/2/2016	0.0021 (J)	
1/11/2017	0.0086	
3/20/2017	0.0187	
5/23/2017	0.0097	
9/21/2017	0.0078	
3/14/2018	0.015	
9/7/2018	0.0026 (J)	
3/11/2019	0.02	
9/9/2019	0.011	
3/4/2020	0.019	
9/9/2020	0.015	
3/9/2021	0.018	
7/30/2021	0.019	
1/28/2022		0.027

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/11/2014	<0.003	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/6/2015	<0.003	
4/23/2015	<0.003	
7/29/2015	<0.003	
3/4/2016	<0.003	
5/10/2016	0.000641 (J)	
7/14/2016	<0.003	
9/14/2016	0.0012 (J)	
11/1/2016	<0.003	
1/11/2017	<0.003	
3/21/2017	<0.003	
5/23/2017	<0.003	
9/22/2017	<0.003	
3/14/2018	<0.003	
9/11/2018	<0.003	
3/12/2019	<0.003	
9/10/2019	<0.003	
3/5/2020	<0.003	
9/9/2020	<0.003	
3/10/2021	<0.003	
7/30/2021	<0.003	
1/28/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/5/2014	<0.003	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/7/2015	<0.003	
4/23/2015	<0.003	
7/29/2015	<0.003	
3/7/2016	0.003	
5/5/2016	<0.003	
7/13/2016	<0.003	
9/13/2016	<0.003	
10/31/2016	<0.003	
1/12/2017	<0.003	
3/23/2017	<0.003	
5/23/2017	<0.003	
9/25/2017	<0.003	
3/14/2018	<0.003	
9/11/2018	<0.003	
3/12/2019	<0.003	
9/9/2019	<0.003	
3/6/2020	0.00049 (J)	
9/9/2020	<0.003	
2/26/2021	<0.003	
7/29/2021	<0.003	
1/28/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/11/2014	<0.003	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/7/2015	<0.003	
4/23/2015	<0.003	
7/29/2015	<0.003	
3/7/2016	<0.003	
5/5/2016	0.000672 (J)	
7/13/2016	<0.003	
9/12/2016	<0.003	
11/1/2016	<0.003	
1/11/2017	<0.003	
3/20/2017	0.0005 (J)	
5/22/2017	<0.003	
9/21/2017	0.0008 (J)	
3/14/2018	<0.003	
9/7/2018	<0.003	
3/12/2019	0.00091 (J)	
9/6/2019	0.00028 (J)	
3/5/2020	0.00068 (J)	
9/9/2020	<0.003	
2/26/2021	0.00059 (J)	
7/29/2021	0.0024 (J)	
1/27/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.003	
10/5/2014	<0.003	
10/22/2014	<0.003	
11/5/2014	<0.003	
3/4/2015	<0.003	
3/19/2015	<0.003	
4/7/2015	<0.003	
4/24/2015	<0.003	
7/30/2015	<0.003	
3/8/2016	<0.003	
5/9/2016	<0.003	
7/14/2016	<0.003	
9/12/2016	<0.003	
10/31/2016	<0.003	
1/12/2017	<0.003	
3/22/2017	<0.003	
5/22/2017	<0.003	
9/19/2017	<0.003	
3/14/2018	<0.003	
9/10/2018	<0.003	
3/12/2019	<0.003	
9/6/2019	0.001755 (D)	
3/5/2020	<0.003	
9/4/2020	<0.003	
3/9/2021	<0.003	
8/2/2021	<0.003	
1/27/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.0056	
10/5/2014	<0.0056	
10/22/2014	<0.0056	
11/5/2014	<0.0056	
3/4/2015	<0.0056	
3/19/2015	<0.0056	
4/8/2015	<0.0056	
4/24/2015	<0.0056	
7/30/2015	<0.0056	
3/8/2016	0.00318	
5/9/2016	0.00454	
7/15/2016	<0.0056	
9/9/2016	0.0033	
10/27/2016	0.0046	
1/12/2017	0.0064	
3/21/2017	0.0058	
5/23/2017	0.0023 (J)	
9/19/2017	0.0018 (J)	
3/14/2018	0.0063	
9/10/2018	0.0033	
3/11/2019	0.0029 (J)	
9/6/2019	0.01	
3/3/2020	0.0019 (J)	
9/8/2020	0.0041	
3/9/2021	0.0024 (J)	
8/2/2021	0.0048	
1/28/2022		0.0061

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.003	
10/5/2014	<0.003	
10/22/2014	<0.003	
11/5/2014	<0.003	
3/4/2015	<0.003	
3/20/2015	<0.003	
4/8/2015	<0.003	
4/23/2015	<0.003	
7/30/2015	<0.003	
3/9/2016	0.003	
5/6/2016	0.000666 (J)	
7/15/2016	<0.003	
9/14/2016	0.0022 (J)	
11/1/2016	<0.003	
1/25/2017	<0.003	
3/22/2017	0.0006 (J)	
5/24/2017	<0.003	
9/21/2017	<0.003	
3/14/2018	<0.003	
9/11/2018	<0.003	
3/12/2019	<0.003	
9/6/2019	0.00029 (J)	
3/5/2020	<0.003	
9/9/2020	<0.003	
3/10/2021	<0.003	
7/30/2021	<0.003	
1/28/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.003	
10/4/2014	<0.003	
10/23/2014	<0.003	
11/10/2014	<0.003	
3/4/2015	<0.003	
3/20/2015	<0.003	
4/8/2015	<0.003	
4/23/2015	<0.003	
7/30/2015	<0.003	
3/4/2016	0.0271 (Jo)	
5/5/2016	0.000761 (J)	
7/12/2016	0.0094 (o)	
9/13/2016	0.0072 (o)	
10/27/2016	0.005	
1/13/2017	0.0012 (J)	
3/20/2017	0.0014 (J)	
5/19/2017	0.0006 (J)	
9/19/2017	<0.003	
3/13/2018	0.0016 (J)	
9/11/2018	<0.003	
3/8/2019	<0.003	
9/5/2019	0.00031 (JD)	
3/3/2020	<0.003	
9/9/2020	0.00094 (J)	
3/9/2021	0.00035 (J)	
7/29/2021	0.0011 (J)	
1/28/2022		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.003	
10/4/2014	<0.003	
10/23/2014	<0.003	
11/10/2014	<0.003	
3/4/2015	<0.003	
3/20/2015	<0.003	
4/9/2015	<0.003	
4/23/2015	<0.003	
7/30/2015	<0.003	
3/8/2016	0.0226 (o)	
5/4/2016	0.00107 (J)	
7/18/2016	0.0004 (J)	
9/13/2016	0.0028 (J)	
10/27/2016	0.0011 (J)	
1/13/2017	<0.003	
3/16/2017	0.0009 (J)	
5/19/2017	<0.003	
9/19/2017	<0.003	
3/13/2018	0.00093 (J)	
9/11/2018	<0.003	
3/8/2019	<0.003	
9/5/2019	<0.003	
3/3/2020	<0.003	
9/4/2020	0.0013 (J)	
3/9/2021	<0.003	
8/2/2021	<0.003	
1/27/2022		<0.003

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.005
10/3/2014	<0.005
10/20/2014	<0.005
11/10/2014	<0.005
3/2/2015	<0.005
3/17/2015	<0.005
4/5/2015	<0.005
4/21/2015	<0.005
7/28/2015	<0.005
3/1/2016	<0.005
5/2/2016	<0.005
7/7/2016	<0.005
9/7/2016	<0.005
10/25/2016	<0.005
1/5/2017	<0.005
3/15/2017	<0.005
5/17/2017	<0.005
9/15/2017	<0.005
3/12/2018	<0.005
9/6/2018	<0.005
3/6/2019	<0.005
9/4/2019	<0.005
3/2/2020	<0.005
9/3/2020	<0.005
2/24/2021	<0.005
8/6/2021	<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.0036 (J)	
10/3/2014	<0.005	
10/20/2014	0.0022 (J)	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
5/2/2016	<0.005	
7/6/2016	0.0008 (J)	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/5/2017	<0.005	
3/14/2017	<0.005	
5/16/2017	<0.005	
9/15/2017	0.0007 (J)	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	<0.005	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/6/2017	<0.005	
3/14/2017	0.0005 (J)	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/6/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00053 (J)	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		0.0019 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	0.0062	
3/17/2015	<0.005	
4/6/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/25/2016	<0.005	
2/9/2017	<0.005	
3/23/2017	<0.005	
5/17/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	0.00061 (J)	
9/6/2018	0.00071 (J)	
3/7/2019	<0.005	
9/4/2019	<0.005 (D)	
3/2/2020	0.00059 (J)	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.005	
5/17/2015	0.0021 (J)	
5/25/2015	<0.005	
6/8/2015	0.002 (J)	
6/18/2015	0.0028 (J)	
6/24/2015	0.0074	
6/30/2015	0.0065	
7/6/2015	0.0057	
8/12/2015	0.0162 (o)	
5/4/2016	<0.005 (D)	
7/7/2016	0.0009 (JD)	
9/8/2016	<0.005 (D)	
10/26/2016	<0.005 (D)	
1/6/2017	<0.005 (D)	
3/15/2017	0.0006 (JD)	
5/18/2017	0.0007 (JD)	
7/19/2017	0.0061 (D)	
9/19/2017	0.0021 (JD)	
3/13/2018	0.0017 (J)	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/4/2019	0.00061 (J)	
3/3/2020	0.00073 (J)	
9/9/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	0.0031 (J)	
1/26/2022		0.0047 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
2/29/2016	<0.005	
5/4/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/6/2017	<0.005	
3/15/2017	<0.005	
5/17/2017	<0.005	
9/15/2017	0.0006 (J)	
3/13/2018	0.00063 (J)	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/27/2021	0.0016 (J)	
1/25/2022		0.003 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/17/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	0.0005 (J)	
5/19/2017	0.0007 (J)	
9/19/2017	<0.005	
3/13/2018	0.00058 (J)	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.00039 (J)	
3/4/2020	0.00044 (J)	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	0.0032 (J)	
1/26/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	<0.005	
9/7/2016	<0.005	
10/27/2016	<0.005	
1/6/2017	<0.005	
3/16/2017	0.0005 (J)	
5/19/2017	0.0007 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/5/2019	0.00046 (J)	
3/4/2020	0.00043 (J)	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	0.0037 (J)	
1/26/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/4/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/15/2017	0.0006 (J)	
5/18/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	0.00066 (J)	
9/6/2018	0.00057 (J)	
3/7/2019	<0.005	
9/5/2019	0.00038 (J)	
3/3/2020	<0.005	
9/8/2020	<0.005	
2/25/2021	<0.005	
7/27/2021	0.0014 (J)	
1/25/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	<0.005	
9/9/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	0.0005 (J)	
5/18/2017	0.0006 (J)	
9/15/2017	0.0007 (J)	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.00044 (J)	
3/3/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	0.0026 (J)	
1/26/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	0.0028 (J)	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	0.0024 (J)	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	0.001 (J)	
9/9/2016	<0.005	
10/27/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	0.0007 (J)	
5/18/2017	0.0006 (J)	
9/18/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	0.00042 (J)	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	0.0029 (J)	
1/27/2022		0.0019 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.005	
5/19/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	0.0021 (J)	
3/3/2016	<0.005	
5/9/2016	<0.005	
7/11/2016	0.001 (J)	
9/9/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/15/2017	0.0005 (J)	
5/18/2017	0.0006 (J)	
9/15/2017	0.0008 (J)	
3/13/2018	0.00088 (J)	
9/7/2018	<0.005	
3/7/2019	0.00085 (J)	
9/4/2019	<0.005	
3/4/2020	0.0004 (J)	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	0.0034 (J)	
1/26/2022		0.0015 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/3/2016	0.08869 (oD)	
5/10/2016	0.00128 (J)	
7/13/2016	0.001 (J)	
9/15/2016	0.0017 (J)	
11/2/2016	<0.005	
1/11/2017	<0.005	
3/20/2017	0.0012 (J)	
5/23/2017	<0.005	
9/21/2017	0.001 (J)	
3/14/2018	0.0013 (J)	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/9/2019	0.00094 (J)	
3/4/2020	0.00088 (J)	
9/9/2020	0.0011 (J)	
3/9/2021	0.00094 (J)	
7/30/2021	0.0025 (J)	
1/28/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/4/2016	<0.005	
5/10/2016	<0.005	
7/14/2016	<0.005	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/21/2017	0.0009 (J)	
5/23/2017	<0.005	
9/22/2017	0.0008 (J)	
3/14/2018	0.00092 (J)	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/10/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	0.0053	
1/28/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	<0.005	
9/13/2016	<0.005	
10/31/2016	<0.005	
1/12/2017	<0.005	
3/23/2017	<0.005	
5/23/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	0.00091 (J)	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	0.00099 (J)	
3/6/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	0.0015 (J)	
1/28/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	<0.005	
9/12/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/20/2017	0.0006 (J)	
5/22/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	0.00057 (J)	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	0.00042 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	0.002 (J)	
1/27/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/9/2016	<0.005	
7/14/2016	<0.005	
9/12/2016	<0.005	
10/31/2016	<0.005	
1/11/2017	<0.005	
3/21/2017	0.0007 (J)	
5/22/2017	<0.005	
9/20/2017	<0.005	
3/14/2018	0.00076 (J)	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	0.00082 (J)	
3/4/2020	0.00072 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
8/5/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/9/2016	<0.005	
7/14/2016	0.0008 (J)	
9/12/2016	<0.005	
10/31/2016	<0.005	
1/12/2017	<0.005	
3/22/2017	<0.005	
5/22/2017	<0.005	
9/19/2017	0.0006 (J)	
3/14/2018	0.0011 (J)	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00047 (JD)	
3/5/2020	<0.005	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	0.0028 (J)	
1/27/2022		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	0.0148 (o)	
5/9/2016	0.00347 (J)	
7/15/2016	0.0017 (J)	
9/9/2016	<0.005	
10/27/2016	<0.005	
1/12/2017	0.002 (J)	
3/21/2017	0.0021 (J)	
5/23/2017	<0.005	
9/19/2017	0.0013 (J)	
3/14/2018	0.0033 (J)	
9/10/2018	<0.005	
3/11/2019	0.0038 (J)	
9/6/2019	0.0024 (J)	
3/3/2020	0.0015 (J)	
9/8/2020	0.0023 (J)	
3/9/2021	0.0045 (J)	
8/2/2021	0.0071	
1/28/2022		0.0031 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/14/2016	0.001 (J)	
9/12/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	0.0012 (J)	
5/23/2017	<0.005	
9/19/2017	0.0021 (J)	
3/13/2018	0.00087 (J)	
9/7/2018	<0.005	
3/11/2019	0.00099 (J)	
9/5/2019	0.0024 (J)	
3/3/2020	0.0014 (J)	
9/8/2020	0.0025 (J)	
3/9/2021	0.0018 (J)	
8/2/2021	0.0041 (J)	
1/27/2022		0.0045 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
5/6/2016	<0.005	
7/15/2016	<0.005	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/25/2017	<0.005	
3/22/2017	<0.005	
5/24/2017	0.0006 (J)	
9/21/2017	<0.005	
3/14/2018	0.0014 (J)	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00054 (J)	
3/5/2020	<0.005	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	0.006	
1/28/2022		0.0026 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/4/2016	0.0015 (J)	
5/5/2016	<0.005	
7/12/2016	0.0009 (J)	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	0.0013 (J)	
5/19/2017	0.001 (J)	
9/19/2017	<0.005	
3/13/2018	0.0015 (J)	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.0005 (JD)	
3/3/2020	<0.005	
9/9/2020	<0.005	
3/9/2021	<0.005	
7/29/2021	0.0031 (J)	
1/28/2022		0.0021 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/4/2016	<0.005	
7/18/2016	<0.005	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/16/2017	0.0004 (J)	
5/19/2017	0.0005 (J)	
9/19/2017	<0.005	
3/13/2018	0.00073 (J)	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	0.0036 (J)	
1/27/2022		<0.005

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	0.0069
10/3/2014	0.0045
10/20/2014	0.0044
11/10/2014	<0.0013
3/2/2015	0.0045
3/17/2015	0.0078
4/5/2015	0.01
4/21/2015	0.013
7/28/2015	0.011
3/1/2016	0.0189
5/2/2016	0.0133
7/7/2016	0.013
9/7/2016	0.0116
10/25/2016	0.0129
1/5/2017	0.013
3/15/2017	0.0121
5/17/2017	0.0123
9/15/2017	0.0127
3/12/2018	0.014
9/6/2018	0.013
3/6/2019	0.018
9/4/2019	0.014
3/2/2020	0.019
9/3/2020	0.014
2/24/2021	0.016
8/6/2021	0.01

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.031	
10/3/2014	0.024	
10/20/2014	0.024	
11/10/2014	0.014	
3/2/2015	0.013	
3/17/2015	0.013	
4/5/2015	0.022	
4/21/2015	0.018	
7/28/2015	0.022	
3/1/2016	0.021	
5/2/2016	0.0225	
7/6/2016	0.0249	
9/7/2016	0.0251	
10/25/2016	0.0274	
1/5/2017	0.028	
3/14/2017	0.02	
5/16/2017	0.0221	
9/15/2017	0.0231	
3/12/2018	0.023	
9/6/2018	0.024	
3/7/2019	0.018	
9/4/2019	0.026	
3/2/2020	0.024	
9/14/2020	0.03	
3/26/2021	0.02	
7/27/2021	0.043	
1/26/2022		0.035

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	0.0071	
10/3/2014	0.0087	
10/20/2014	0.0085	
11/10/2014	0.008	
3/2/2015	0.0063	
3/17/2015	0.0066	
4/5/2015	0.0068	
4/22/2015	0.0094	
7/28/2015	0.0057	
3/1/2016	0.0101	
5/3/2016	0.0104	
7/8/2016	0.0095 (J)	
9/7/2016	0.0095 (J)	
10/25/2016	0.0121	
1/6/2017	0.014	
3/14/2017	0.009 (J)	
5/16/2017	0.0084 (J)	
9/15/2017	0.0078 (J)	
3/12/2018	0.006 (J)	
9/6/2018	0.0058 (J)	
3/6/2019	0.0052 (J)	
9/4/2019	0.005 (J)	
3/2/2020	0.005 (J)	
9/3/2020	0.0045 (J)	
2/24/2021	0.0044 (J)	
7/28/2021	0.0052	
1/26/2022		0.0046 (J)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	0.014	
10/3/2014	0.016	
10/20/2014	0.014	
11/10/2014	0.015	
3/2/2015	0.03 (o)	
3/17/2015	0.018	
4/6/2015	0.014	
4/22/2015	0.012	
7/28/2015	0.012	
3/2/2016	0.0123	
5/3/2016	0.0114	
7/7/2016	0.012	
9/8/2016	0.0131	
10/25/2016	0.0122	
2/9/2017	0.0104	
3/23/2017	0.0128	
5/17/2017	0.0113	
9/19/2017	0.0114	
3/13/2018	0.011	
9/6/2018	0.011	
3/7/2019	0.011	
9/4/2019	0.0115 (D)	
3/2/2020	0.012	
9/3/2020	0.011	
2/24/2021	0.013	
7/28/2021	0.013	
1/25/2022		0.012

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	0.0094	
5/17/2015	0.014	
5/25/2015	0.012	
6/8/2015	0.0094	
6/18/2015	0.0075	
6/24/2015	0.0056	
6/30/2015	0.0047	
7/6/2015	0.0047	
8/12/2015	0.00383 (J)	
5/4/2016	0.0207 (D)	
7/7/2016	0.0207 (D)	
9/8/2016	0.0278 (D)	
10/26/2016	0.0204 (D)	
1/6/2017	0.0221 (D)	
3/15/2017	0.0172 (D)	
5/18/2017	0.0181 (D)	
7/19/2017	0.018 (D)	
9/19/2017	0.0271 (D)	
3/13/2018	0.017	
9/7/2018	0.022	
3/8/2019	0.015	
9/4/2019	0.018	
3/3/2020	0.017	
9/9/2020	0.017	
2/25/2021	0.018	
7/28/2021	0.019	
1/26/2022		0.034

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	0.033	
5/17/2015	0.04	
5/25/2015	0.039	
6/8/2015	0.031	
6/18/2015	0.039	
6/24/2015	0.042	
6/30/2015	0.033	
7/6/2015	0.031	
8/12/2015	<0.02	
2/29/2016	0.028	
5/4/2016	0.0273	
7/8/2016	0.0284	
9/8/2016	0.0242	
10/26/2016	0.021	
1/6/2017	0.0219	
3/15/2017	0.0202	
5/17/2017	0.0219	
9/15/2017	0.0209	
3/13/2018	0.02	
9/6/2018	0.024	
3/7/2019	0.025	
9/4/2019	0.02	
3/2/2020	0.023	
9/3/2020	0.017	
2/24/2021	0.025	
7/27/2021	0.026	
1/25/2022		0.023

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	0.044	
5/18/2015	0.04	
5/25/2015	0.036	
6/8/2015	0.028	
6/17/2015	0.026	
6/24/2015	0.021	
6/30/2015	0.018	
7/6/2015	0.018	
8/12/2015	<0.02	
3/2/2016	0.017	
5/3/2016	0.016	
7/8/2016	0.0156	
9/8/2016	0.0144	
10/26/2016	0.0128	
1/9/2017	0.0134	
3/16/2017	0.0129	
5/19/2017	0.0141	
9/19/2017	0.0127	
3/13/2018	0.013	
9/11/2018	0.013	
3/8/2019	0.012	
9/5/2019	0.013	
3/4/2020	0.013	
9/8/2020	0.012	
2/26/2021	0.013	
7/29/2021	0.013	
1/26/2022		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	0.014	
5/17/2015	0.015	
5/25/2015	0.014	
6/8/2015	0.014	
6/18/2015	0.013	
6/24/2015	0.014	
6/30/2015	0.014	
7/6/2015	0.013	
8/12/2015	0.015 (J)	
3/2/2016	0.015	
5/3/2016	0.0144	
7/11/2016	0.0145	
9/7/2016	0.014	
10/27/2016	0.0142	
1/6/2017	0.0139	
3/16/2017	0.0145	
5/19/2017	0.0161	
9/19/2017	0.0153	
3/13/2018	0.015	
9/11/2018	0.015	
3/12/2019	0.016	
9/5/2019	0.014	
3/4/2020	0.015	
9/8/2020	0.013	
2/26/2021	0.015	
7/29/2021	0.015	
1/26/2022		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	0.054	
5/18/2015	0.058	
5/25/2015	0.051	
6/9/2015	0.034	
6/17/2015	0.032	
6/25/2015	0.032	
7/1/2015	0.029	
7/7/2015	0.029	
8/12/2015	<0.02	
3/2/2016	0.0297	
5/4/2016	0.0299	
7/8/2016	0.0294	
9/8/2016	0.0275	
10/26/2016	0.0263	
1/9/2017	0.0263	
3/15/2017	0.0262	
5/18/2017	0.0276	
9/15/2017	0.0281	
3/13/2018	0.034	
9/6/2018	0.04	
3/7/2019	0.039	
9/5/2019	0.034	
3/3/2020	0.031	
9/8/2020	0.035	
2/25/2021	0.034	
7/27/2021	0.028	
1/25/2022		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	0.022	
5/18/2015	0.031	
5/26/2015	0.028	
6/9/2015	0.031	
6/17/2015	0.029	
6/25/2015	0.024	
7/1/2015	0.026	
7/7/2015	0.027	
8/12/2015	<0.02	
3/2/2016	0.0276	
5/3/2016	0.0291	
7/11/2016	0.0225	
9/9/2016	0.018	
10/26/2016	0.0177	
1/9/2017	0.0183	
3/16/2017	0.0175	
5/18/2017	0.0203	
9/15/2017	0.0197	
3/12/2018	0.023	
9/7/2018	0.025	
3/8/2019	0.027	
9/5/2019	0.024	
3/3/2020	0.023	
9/4/2020	0.022	
2/25/2021	0.028	
7/28/2021	0.027	
1/26/2022		0.026

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	0.042	
5/18/2015	0.063	
5/26/2015	0.057	
6/9/2015	0.07	
6/17/2015	0.065	
6/25/2015	0.068	
7/1/2015	0.069	
7/7/2015	0.071	
8/12/2015	<0.02	
3/3/2016	0.0424	
5/3/2016	0.0477	
7/11/2016	0.0506	
9/9/2016	0.0478	
10/27/2016	0.0472	
1/9/2017	0.0507	
3/16/2017	0.0497	
5/18/2017	0.0466	
9/18/2017	0.0436	
3/12/2018	0.041	
9/7/2018	0.039	
3/7/2019	0.033	
9/5/2019	0.032	
3/4/2020	0.029	
9/4/2020	0.032	
2/25/2021	0.034	
7/28/2021	0.03	
1/27/2022		0.032

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	0.018	
5/19/2015	0.02	
5/26/2015	0.02	
6/9/2015	0.02	
6/17/2015	0.019	
6/25/2015	0.019	
7/1/2015	0.018	
7/7/2015	0.019	
8/12/2015	<0.02	
3/3/2016	0.0259	
5/9/2016	0.0236	
7/11/2016	0.0295	
9/9/2016	0.0259	
10/26/2016	0.0231	
1/9/2017	0.0273	
3/15/2017	0.0286	
5/18/2017	0.0253	
9/15/2017	0.0247	
3/13/2018	0.031	
9/7/2018	0.034	
3/7/2019	0.042	
9/4/2019	0.033	
3/4/2020	0.039	
9/4/2020	0.033	
2/25/2021	0.032	
7/28/2021	0.035	
1/26/2022		0.032

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.069	
10/4/2014	0.057	
10/21/2014	0.056	
11/11/2014	0.05	
3/3/2015	0.045	
3/18/2015	0.044	
4/6/2015	0.045	
4/23/2015	0.041	
7/29/2015	0.043	
3/3/2016	0.0806 (D)	
5/10/2016	0.0495	
7/13/2016	0.0374	
9/15/2016	0.0542	
11/2/2016	0.0561	
1/11/2017	0.0401	
3/20/2017	0.0383	
5/23/2017	0.0376	
9/21/2017	0.0418	
3/14/2018	0.036	
9/7/2018	0.047	
3/11/2019	0.044	
9/9/2019	0.03	
3/4/2020	0.045	
9/9/2020	0.051	
3/9/2021	0.058	
7/30/2021	0.045	
1/28/2022		0.049

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	0.019	
10/4/2014	0.02	
10/21/2014	0.02	
11/11/2014	0.021	
3/3/2015	0.02	
3/18/2015	0.019	
4/6/2015	0.02	
4/23/2015	0.019	
7/29/2015	0.02	
3/4/2016	0.0262 (Jo)	
5/10/2016	0.0204	
7/14/2016	0.0198	
9/14/2016	0.0183	
11/1/2016	0.0209	
1/11/2017	0.0194	
3/21/2017	0.0201	
5/23/2017	0.0199	
9/22/2017	0.0195	
3/14/2018	0.02	
9/11/2018	0.019	
3/12/2019	0.021	
9/10/2019	0.019	
3/5/2020	0.018	
9/9/2020	0.018	
3/10/2021	0.019	
7/30/2021	0.019	
1/28/2022		0.018

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	0.035	
10/4/2014	0.038	
10/21/2014	0.034	
11/5/2014	0.04	
3/3/2015	0.033	
3/18/2015	0.031	
4/7/2015	0.038	
4/23/2015	0.031	
7/29/2015	0.045	
3/7/2016	<3 (o)	
5/5/2016	0.0278	
7/13/2016	0.0255	
9/13/2016	0.0251	
10/31/2016	0.0277	
1/12/2017	0.0258	
3/23/2017	0.0254	
5/23/2017	0.0247	
9/25/2017	0.0228	
3/14/2018	0.025	
9/11/2018	0.019	
3/12/2019	0.014	
9/9/2019	0.028	
3/6/2020	0.015	
9/9/2020	0.016	
2/26/2021	0.017	
7/29/2021	0.016	
1/28/2022		0.044

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	0.015	
10/4/2014	<0.0013	
10/21/2014	0.027 (o)	
11/11/2014	0.028 (o)	
3/3/2015	0.034 (o)	
3/18/2015	0.014	
4/7/2015	0.017	
4/23/2015	0.013	
7/29/2015	0.013	
3/7/2016	0.0129	
5/5/2016	0.0149	
7/13/2016	0.0132	
9/12/2016	0.0142	
11/1/2016	0.0127	
1/11/2017	0.0146	
3/20/2017	0.0147	
5/22/2017	0.0146	
9/21/2017	0.0152	
3/14/2018	0.014	
9/7/2018	0.015	
3/12/2019	0.014	
9/6/2019	0.014	
3/5/2020	0.015	
9/9/2020	0.014	
2/26/2021	0.015	
7/29/2021	0.015	
1/27/2022		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	0.018	
10/4/2014	0.017	
10/21/2014	0.017	
11/5/2014	0.017	
3/3/2015	0.016	
3/19/2015	0.015	
4/7/2015	0.017	
4/24/2015	0.015	
7/29/2015	0.016	
3/7/2016	<3 (o)	
5/9/2016	0.0162	
7/14/2016	0.0142	
9/12/2016	0.0154	
10/31/2016	0.015	
1/11/2017	0.0148	
3/21/2017	0.0159	
5/22/2017	0.0155	
9/20/2017	0.0164	
3/14/2018	0.016	
9/10/2018	0.016	
3/12/2019	0.016	
9/9/2019	0.015	
3/4/2020	0.017	
9/9/2020	0.014	
2/26/2021	0.016	
8/5/2021	0.017	
1/27/2022		0.016

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	0.031	
10/5/2014	0.032	
10/22/2014	0.03	
11/5/2014	0.031	
3/4/2015	0.026	
3/19/2015	0.028	
4/7/2015	0.031	
4/24/2015	0.027	
7/30/2015	0.032	
3/8/2016	0.0298	
5/9/2016	0.0304	
7/14/2016	0.0307	
9/12/2016	0.0331	
10/31/2016	0.0321	
1/12/2017	0.0291	
3/22/2017	0.025	
5/22/2017	0.0276	
9/19/2017	0.034	
3/14/2018	0.03	
9/10/2018	0.028	
3/12/2019	0.03	
9/6/2019	0.0275 (D)	
3/5/2020	0.028	
9/4/2020	0.033	
3/9/2021	0.027	
8/2/2021	0.03	
1/27/2022		0.028

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	0.023	
10/5/2014	0.025	
10/22/2014	0.025	
11/5/2014	0.025	
3/4/2015	0.024	
3/19/2015	0.024	
4/8/2015	0.027	
4/24/2015	0.025	
7/30/2015	0.025	
3/8/2016	0.0377	
5/9/2016	0.0347	
7/15/2016	0.0259	
9/9/2016	0.0242	
10/27/2016	0.0227	
1/12/2017	0.0253	
3/21/2017	0.0292	
5/23/2017	0.0282	
9/19/2017	0.0276	
3/14/2018	0.024	
9/10/2018	0.016	
3/11/2019	0.015	
9/6/2019	0.041	
3/3/2020	0.022	
9/8/2020	0.015	
3/9/2021	0.014	
8/2/2021	0.024	
1/28/2022		0.037

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	0.057	
10/5/2014	0.052	
10/22/2014	0.052	
11/5/2014	<0.0013	
3/4/2015	0.046	
3/19/2015	0.045	
4/8/2015	0.045	
4/24/2015	0.039	
7/30/2015	0.039	
3/7/2016	0.026	
5/5/2016	0.0374	
7/14/2016	0.0271	
9/12/2016	0.045	
10/27/2016	0.0359	
1/13/2017	0.0338	
3/20/2017	0.033	
5/23/2017	0.0287	
9/19/2017	0.0389	
3/13/2018	0.028	
9/7/2018	0.055	
3/11/2019	0.048	
9/5/2019	0.045	
3/3/2020	0.044	
9/8/2020	0.054	
3/9/2021	0.045	
8/2/2021	0.034	
1/27/2022		0.06

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	0.042	
10/5/2014	0.038	
10/22/2014	0.029	
11/5/2014	0.031	
3/4/2015	0.03	
3/20/2015	0.027	
4/8/2015	0.032	
4/23/2015	0.026	
7/30/2015	0.029	
3/9/2016	0.0284 (J)	
5/6/2016	0.0233	
7/15/2016	0.0208	
9/14/2016	0.0198	
11/1/2016	0.0207	
1/25/2017	0.0195	
3/22/2017	0.0211	
5/24/2017	0.0217	
9/21/2017	0.0226	
3/14/2018	0.024	
9/11/2018	0.023	
3/12/2019	0.022	
9/6/2019	0.021	
3/5/2020	0.022	
9/9/2020	0.036	
3/10/2021	0.026	
7/30/2021	0.028	
1/28/2022		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	0.019	
10/4/2014	0.019	
10/23/2014	0.019	
11/10/2014	0.019	
3/4/2015	0.021	
3/20/2015	0.02	
4/8/2015	0.023	
4/23/2015	0.02	
7/30/2015	0.021	
3/4/2016	0.0422 (o)	
5/5/2016	0.0249	
7/12/2016	0.0246	
9/13/2016	0.0236	
10/27/2016	0.0229	
1/13/2017	0.0292	
3/20/2017	0.029	
5/19/2017	0.0295	
9/19/2017	0.0248	
3/13/2018	0.031	
9/11/2018	0.024	
3/8/2019	0.02	
9/5/2019	0.021 (D)	
3/3/2020	0.02	
9/9/2020	0.024	
3/9/2021	0.021	
7/29/2021	0.014	
1/28/2022		0.025

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	0.015	
10/4/2014	0.015	
10/23/2014	0.015	
11/10/2014	0.015	
3/4/2015	0.016	
3/20/2015	0.015	
4/9/2015	0.016	
4/23/2015	0.015	
7/30/2015	0.015	
3/8/2016	0.0161	
5/4/2016	0.0167	
7/18/2016	0.0162	
9/13/2016	0.0161	
10/27/2016	0.016	
1/13/2017	0.015	
3/16/2017	0.0163	
5/19/2017	0.0164	
9/19/2017	0.0147	
3/13/2018	0.015	
9/11/2018	0.015	
3/8/2019	0.017	
9/5/2019	0.016	
3/3/2020	0.015	
9/4/2020	0.016	
3/9/2021	0.016	
8/2/2021	0.018	
1/27/2022		0.017

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	0.00011 (J)
10/3/2014	<0.003
10/20/2014	<0.003
11/10/2014	<0.003
3/2/2015	<0.003
3/17/2015	0.0001 (J)
4/5/2015	0.00012 (J)
4/21/2015	0.00033 (J)
7/28/2015	0.00014 (J)
3/1/2016	<0.003
5/2/2016	<0.003
7/7/2016	0.0001 (J)
9/7/2016	0.0001 (J)
10/25/2016	<0.003
1/5/2017	0.0001 (J)
3/15/2017	0.0002 (J)
5/17/2017	0.0002 (J)
9/15/2017	0.0002 (J)
3/12/2018	0.00017 (J)
9/6/2018	0.00015 (J)
3/6/2019	0.00029 (J)
9/4/2019	0.00016 (J)
3/2/2020	0.00024 (J)
9/3/2020	0.0002 (J)
2/24/2021	0.00022 (J)
8/6/2021	6.3E-05 (J)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.0032	
10/3/2014	<0.0005	
10/20/2014	0.0014	
11/10/2014	<0.0005	
3/2/2015	<0.0005	
3/17/2015	8.3E-05 (J)	
4/5/2015	0.00038 (J)	
4/21/2015	0.0011 (J)	
7/28/2015	0.00092 (J)	
3/1/2016	<0.0005	
5/2/2016	<0.0005	
7/6/2016	0.0002 (J)	
9/7/2016	<0.0005	
10/25/2016	<0.0005	
1/5/2017	0.0001 (J)	
3/14/2017	0.0001 (J)	
5/16/2017	<0.0005	
9/15/2017	<0.0005	
3/12/2018	5.6E-05 (J)	
9/6/2018	<0.0005	
3/7/2019	6.8E-05 (J)	
9/4/2019	<0.0005	
3/2/2020	0.00015 (J)	
9/14/2020	0.00012 (J)	
3/26/2021	0.00019 (J)	
7/27/2021	8.1E-05 (J)	
1/26/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.0005	
10/3/2014	<0.0005	
10/20/2014	<0.0005	
11/10/2014	<0.0005	
3/2/2015	<0.0005	
3/17/2015	<0.0005	
4/5/2015	<0.0005	
4/22/2015	8.3E-05 (J)	
7/28/2015	<0.0005	
3/1/2016	<0.0005	
5/3/2016	<0.0005	
7/8/2016	<0.0005	
9/7/2016	<0.0005	
10/25/2016	<0.0005	
1/6/2017	<0.0005	
3/14/2017	<0.0005	
5/16/2017	<0.0005	
9/15/2017	<0.0005	
3/12/2018	<0.0005	
9/6/2018	<0.0005	
3/6/2019	<0.0005	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	<0.0005	
7/28/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	<0.0005	
10/3/2014	8.3E-05 (J)	
10/20/2014	7.8E-05 (J)	
11/10/2014	8E-05 (J)	
3/2/2015	0.00034 (J)	
3/17/2015	0.00014 (J)	
4/6/2015	<0.0005	
4/22/2015	7.8E-05 (J)	
7/28/2015	<0.0005	
3/2/2016	<0.0005	
5/3/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	<0.0005	
10/25/2016	<0.0005	
2/9/2017	<0.0005	
3/23/2017	<0.0005	
5/17/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005 (D)	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	<0.0005	
7/28/2021	<0.0005	
1/25/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.0005	
5/17/2015	0.00022 (J)	
5/25/2015	<0.0005	
6/8/2015	<0.0005	
6/18/2015	<0.0005	
6/24/2015	<0.0005	
6/30/2015	<0.0005	
7/6/2015	<0.0005	
8/12/2015	<0.0005	
5/4/2016	<0.0005 (D)	
7/7/2016	<0.0005 (D)	
9/8/2016	<0.0005 (D)	
10/26/2016	<0.0005 (D)	
1/6/2017	<0.0005 (D)	
3/15/2017	<0.0005 (D)	
5/18/2017	<0.0005 (D)	
7/19/2017	<0.0005 (D)	
9/19/2017	<0.0005 (D)	
3/13/2018	<0.0005	
9/7/2018	<0.0005	
3/8/2019	<0.0005	
9/4/2019	<0.0005	
3/3/2020	<0.0005	
9/9/2020	<0.0005	
2/25/2021	<0.0005	
7/28/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.0005	
5/17/2015	<0.0005	
5/25/2015	<0.0005	
6/8/2015	<0.0005	
6/18/2015	<0.0005	
6/24/2015	<0.0005	
6/30/2015	<0.0005	
7/6/2015	<0.0005	
8/12/2015	<0.0005	
2/29/2016	<0.0005	
5/4/2016	<0.0005	
7/8/2016	<0.0005	
9/8/2016	<0.0005	
10/26/2016	<0.0005	
1/6/2017	<0.0005	
3/15/2017	<0.0005	
5/17/2017	<0.0005	
9/15/2017	<0.0005	
3/13/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	<0.0005	
7/27/2021	9.7E-05 (J)	
1/25/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.003	
5/18/2015	<0.003	
5/25/2015	<0.003	
6/8/2015	<0.003	
6/17/2015	<0.003	
6/24/2015	<0.003	
6/30/2015	<0.003	
7/6/2015	<0.003	
8/12/2015	<0.003	
3/2/2016	<0.003	
5/3/2016	<0.003	
7/8/2016	<0.003	
9/8/2016	<0.003	
10/26/2016	<0.003	
1/9/2017	<0.003	
3/16/2017	<0.003	
5/19/2017	<0.003	
9/19/2017	<0.003	
3/13/2018	<0.003	
9/11/2018	<0.003	
3/8/2019	5.7E-05 (J)	
9/5/2019	<0.003	
3/4/2020	<0.003	
9/8/2020	5.5E-05 (J)	
2/26/2021	5.1E-05 (J)	
7/29/2021	9E-05 (J)	
1/26/2022		7E-05 (J)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.0005	
5/17/2015	<0.0005	
5/25/2015	<0.0005	
6/8/2015	<0.0005	
6/18/2015	<0.0005	
6/24/2015	<0.0005	
6/30/2015	0.00014 (J)	
7/6/2015	<0.0005	
8/12/2015	<0.0005	
3/2/2016	<0.0005	
5/3/2016	<0.0005	
7/11/2016	<0.0005	
9/7/2016	<0.0005	
10/27/2016	<0.0005	
1/6/2017	<0.0005	
3/16/2017	<0.0005	
5/19/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/11/2018	<0.0005	
3/12/2019	<0.0005	
9/5/2019	<0.0005	
3/4/2020	<0.0005	
9/8/2020	<0.0005	
2/26/2021	<0.0005	
7/29/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.0005	
5/18/2015	<0.0005	
5/25/2015	<0.0005	
6/9/2015	<0.0005	
6/17/2015	<0.0005	
6/25/2015	<0.0005	
7/1/2015	<0.0005	
7/7/2015	<0.0005	
8/12/2015	<0.0005	
3/2/2016	<0.0005	
5/4/2016	<0.0005	
7/8/2016	<0.0005	
9/8/2016	<0.0005	
10/26/2016	<0.0005	
1/9/2017	<0.0005	
3/15/2017	<0.0005	
5/18/2017	<0.0005	
9/15/2017	<0.0005	
3/13/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/8/2020	<0.0005	
2/25/2021	<0.0005	
7/27/2021	<0.0005	
1/25/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.0005	
5/18/2015	<0.0005	
5/26/2015	<0.0005	
6/9/2015	<0.0005	
6/17/2015	<0.0005	
6/25/2015	<0.0005	
7/1/2015	<0.0005	
7/7/2015	0.00012 (J)	
8/12/2015	<0.0005	
3/2/2016	<0.0005	
5/3/2016	<0.0005	
7/11/2016	<0.0005	
9/9/2016	<0.0005	
10/26/2016	<0.0005	
1/9/2017	<0.0005	
3/16/2017	<0.0005	
5/18/2017	<0.0005	
9/15/2017	<0.0005	
3/12/2018	<0.0005	
9/7/2018	<0.0005	
3/8/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/4/2020	<0.0005	
2/25/2021	<0.0005	
7/28/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.0005	
5/18/2015	0.00011 (J)	
5/26/2015	<0.0005	
6/9/2015	0.00025 (J)	
6/17/2015	<0.0005	
6/25/2015	<0.0005	
7/1/2015	0.00024 (J)	
7/7/2015	<0.0005	
8/12/2015	<0.0005	
3/3/2016	<0.0005	
5/3/2016	<0.0005	
7/11/2016	<0.0005	
9/9/2016	<0.0005	
10/27/2016	<0.0005	
1/9/2017	<0.0005	
3/16/2017	<0.0005	
5/18/2017	<0.0005	
9/18/2017	<0.0005	
3/12/2018	<0.0005	
9/7/2018	<0.0005	
3/7/2019	<0.0005	
9/5/2019	<0.0005	
3/4/2020	<0.0005	
9/4/2020	<0.0005	
2/25/2021	<0.0005	
7/28/2021	<0.0005	
1/27/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.0005	
5/19/2015	<0.0005	
5/26/2015	<0.0005	
6/9/2015	<0.0005	
6/17/2015	<0.0005	
6/25/2015	<0.0005	
7/1/2015	<0.0005	
7/7/2015	<0.0005	
8/12/2015	<0.0005	
3/3/2016	<0.0005	
5/9/2016	<0.0005	
7/11/2016	0.0001 (J)	
9/9/2016	<0.0005	
10/26/2016	<0.0005	
1/9/2017	<0.0005	
3/15/2017	<0.0005	
5/18/2017	<0.0005	
9/15/2017	<0.0005	
3/13/2018	<0.0005	
9/7/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005	
3/4/2020	<0.0005	
9/4/2020	<0.0005	
2/25/2021	<0.0005	
7/28/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.0005	
10/4/2014	<0.0005	
10/21/2014	<0.0005	
11/5/2014	9E-05 (J)	
3/3/2015	<0.0005	
3/18/2015	<0.0005	
4/7/2015	<0.0005	
4/23/2015	7.8E-05 (J)	
7/29/2015	<0.0005	
3/7/2016	<0.0005	
5/5/2016	<0.0005	
7/13/2016	<0.0005	
9/13/2016	<0.0005	
10/31/2016	<0.0005	
1/12/2017	<0.0005	
3/23/2017	<0.0005	
5/23/2017	<0.0005	
9/25/2017	<0.0005	
3/14/2018	<0.0005	
9/11/2018	<0.0005	
3/12/2019	<0.0005	
9/9/2019	<0.0005	
3/6/2020	<0.0005	
9/9/2020	<0.0005	
2/26/2021	<0.0005	
7/29/2021	<0.0005	
1/28/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	7.8E-05 (J)	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/11/2014	<0.003	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/7/2015	<0.003	
4/23/2015	<0.003	
7/29/2015	<0.003	
3/7/2016	<0.003	
5/5/2016	<0.003	
7/13/2016	<0.003	
9/12/2016	<0.003	
11/1/2016	<0.003	
1/11/2017	<0.003	
3/20/2017	<0.003	
5/22/2017	<0.003	
9/21/2017	<0.003	
3/14/2018	0.00011 (J)	
9/7/2018	<0.003	
3/12/2019	<0.003	
9/6/2019	<0.003	
3/5/2020	0.00013 (J)	
9/9/2020	0.0002 (J)	
2/26/2021	0.0002 (J)	
7/29/2021	0.00015 (J)	
1/27/2022		5.5E-05 (J)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.0005	
10/4/2014	<0.0005	
10/21/2014	<0.0005	
11/5/2014	<0.0005	
3/3/2015	<0.0005	
3/19/2015	<0.0005	
4/7/2015	<0.0005	
4/24/2015	<0.0005	
7/29/2015	<0.0005	
3/7/2016	<0.0005	
5/9/2016	<0.0005	
7/14/2016	<0.0005	
9/12/2016	<0.0005	
10/31/2016	<0.0005	
1/11/2017	<0.0005	
3/21/2017	<0.0005	
5/22/2017	<0.0005	
9/20/2017	0.0001 (J)	
3/14/2018	6.5E-05 (J)	
9/10/2018	<0.0005	
3/12/2019	<0.0005	
9/9/2019	<0.0005	
3/4/2020	0.00013 (J)	
9/9/2020	<0.0005	
2/26/2021	<0.0005	
8/5/2021	9.9E-05 (J)	
1/27/2022		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.0005	
10/5/2014	<0.0005	
10/22/2014	<0.0005	
11/5/2014	<0.0005	
3/4/2015	<0.0005	
3/19/2015	<0.0005	
4/7/2015	<0.0005	
4/24/2015	8.3E-05 (J)	
7/30/2015	<0.0005	
3/8/2016	<0.0005	
5/9/2016	<0.0005	
7/14/2016	<0.0005	
9/12/2016	<0.0005	
10/31/2016	<0.0005	
1/12/2017	<0.0005	
3/22/2017	<0.0005	
5/22/2017	<0.0005	
9/19/2017	<0.0005	
3/14/2018	<0.0005	
9/10/2018	<0.0005	
3/12/2019	<0.0005	
9/6/2019	<0.0005 (D)	
3/5/2020	<0.0005	
9/4/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/27/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	0.00035 (J)
10/3/2014	<0.0013
10/20/2014	<0.0013
11/10/2014	0.00033 (J)
3/2/2015	<0.0013
3/17/2015	0.00057 (J)
4/5/2015	0.00068 (J)
4/21/2015	0.0011 (J)
7/28/2015	0.00073 (J)
3/1/2016	0.00103
5/2/2016	0.000846 (J)
7/7/2016	0.0007 (J)
9/7/2016	0.0007 (J)
10/25/2016	0.0007 (J)
1/5/2017	0.0008 (J)
3/15/2017	0.0013
5/17/2017	0.001
9/15/2017	0.0011
3/12/2018	0.0011
9/6/2018	0.00086 (J)
3/6/2019	0.0013
9/4/2019	0.00088 (J)
3/2/2020	0.0012 (J)
9/3/2020	0.00089 (J)
2/24/2021	0.0012
8/6/2021	0.00055

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.001 (J)	
10/3/2014	<0.0005	
10/20/2014	0.00036 (J)	
11/10/2014	<0.0005	
3/2/2015	<0.0005	
3/17/2015	<0.0005	
4/5/2015	<0.0005	
4/21/2015	0.00044 (J)	
7/28/2015	0.00027 (J)	
3/1/2016	0.000207 (J)	
5/2/2016	0.000154 (J)	
7/6/2016	0.0002 (J)	
9/7/2016	0.0002 (J)	
10/25/2016	0.0002 (J)	
1/5/2017	<0.0005	
3/14/2017	<0.0005	
5/16/2017	0.0001 (J)	
9/15/2017	<0.0005	
3/12/2018	0.00013 (J)	
9/6/2018	0.00011 (J)	
3/7/2019	0.00017 (J)	
9/4/2019	0.00016 (J)	
3/2/2020	0.00018 (J)	
9/14/2020	0.00016 (J)	
3/26/2021	0.00015 (J)	
7/27/2021	0.00014 (J)	
1/26/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.0005	
10/3/2014	<0.0005	
10/20/2014	<0.0005	
11/10/2014	0.00026 (J)	
3/2/2015	<0.0005	
3/17/2015	<0.0005	
4/5/2015	<0.0005	
4/22/2015	<0.0005	
7/28/2015	<0.0005	
3/1/2016	0.000103 (J)	
5/3/2016	<0.0005	
7/8/2016	<0.0005	
9/7/2016	<0.0005	
10/25/2016	<0.0005	
1/6/2017	<0.0005	
3/14/2017	<0.0005	
5/16/2017	<0.0005	
9/15/2017	<0.0005	
3/12/2018	<0.0005	
9/6/2018	<0.0005	
3/6/2019	9.3E-05 (J)	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	<0.0005	
7/28/2021	0.00025 (J)	
1/26/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	<0.0005	
10/3/2014	<0.0005	
10/20/2014	<0.0005	
11/10/2014	<0.0005	
3/2/2015	0.00035 (J)	
3/17/2015	<0.0005	
4/6/2015	<0.0005	
4/22/2015	<0.0005	
7/28/2015	<0.0005	
3/2/2016	0.000109 (J)	
5/3/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	0.0001 (J)	
10/25/2016	<0.0005	
2/9/2017	0.0001 (J)	
3/23/2017	0.0001 (J)	
5/17/2017	0.0001 (J)	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005 (D)	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	<0.0005	
7/28/2021	<0.0005	
1/25/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.0005	
5/17/2015	0.00029 (J)	
5/25/2015	<0.0005	
6/8/2015	<0.0005	
6/18/2015	<0.0005	
6/24/2015	<0.0005	
6/30/2015	<0.0005	
7/6/2015	<0.0005	
8/12/2015	<0.0005	
5/4/2016	<0.0005 (D)	
7/7/2016	<0.0005 (D)	
9/8/2016	<0.0005 (D)	
10/26/2016	<0.0005 (D)	
1/6/2017	<0.0005 (D)	
3/15/2017	0.00055 (D)	
5/18/2017	<0.0005 (D)	
7/19/2017	<0.0005 (D)	
9/19/2017	<0.0005 (D)	
3/13/2018	<0.0005	
9/7/2018	<0.0005	
3/8/2019	<0.0005	
9/4/2019	<0.0005	
3/3/2020	<0.0005	
9/9/2020	<0.0005	
2/25/2021	<0.0005	
7/28/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.0005	
5/17/2015	<0.0005	
5/25/2015	<0.0005	
6/8/2015	<0.0005	
6/18/2015	<0.0005	
6/24/2015	<0.0005	
6/30/2015	<0.0005	
7/6/2015	<0.0005	
8/12/2015	<0.0005	
2/29/2016	<0.0005	
5/4/2016	<0.0005	
7/8/2016	<0.0005	
9/8/2016	<0.0005	
10/26/2016	<0.0005	
1/6/2017	<0.0005	
3/15/2017	<0.0005	
5/17/2017	<0.0005	
9/15/2017	<0.0005	
3/13/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	<0.0005	
7/27/2021	<0.0005	
1/25/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.0005	
5/18/2015	<0.0005	
5/25/2015	<0.0005	
6/8/2015	<0.0005	
6/17/2015	<0.0005	
6/24/2015	<0.0005	
6/30/2015	<0.0005	
7/6/2015	<0.0005	
8/12/2015	<0.0005	
3/2/2016	<0.0005	
5/3/2016	<0.0005	
7/8/2016	<0.0005	
9/8/2016	<0.0005	
10/26/2016	<0.0005	
1/9/2017	<0.0005	
3/16/2017	<0.0005	
5/19/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/11/2018	<0.0005	
3/8/2019	<0.0005	
9/5/2019	<0.0005	
3/4/2020	<0.0005	
9/8/2020	<0.0005	
2/26/2021	<0.0005	
7/29/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.0005	
5/17/2015	<0.0005	
5/25/2015	<0.0005	
6/8/2015	<0.0005	
6/18/2015	<0.0005	
6/24/2015	<0.0005	
6/30/2015	<0.0005	
7/6/2015	<0.0005	
8/12/2015	<0.0005	
3/2/2016	<0.0005	
5/3/2016	<0.0005	
7/11/2016	<0.0005	
9/7/2016	<0.0005	
10/27/2016	<0.0005	
1/6/2017	<0.0005	
3/16/2017	<0.0005	
5/19/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/11/2018	<0.0005	
3/12/2019	<0.0005	
9/5/2019	<0.0005	
3/4/2020	<0.0005	
9/8/2020	<0.0005	
2/26/2021	<0.0005	
7/29/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.0005	
5/18/2015	<0.0005	
5/25/2015	<0.0005	
6/9/2015	<0.0005	
6/17/2015	<0.0005	
6/25/2015	<0.0005	
7/1/2015	<0.0005	
7/7/2015	<0.0005	
8/12/2015	<0.0005	
3/2/2016	<0.0005	
5/4/2016	<0.0005	
7/8/2016	<0.0005	
9/8/2016	<0.0005	
10/26/2016	<0.0005	
1/9/2017	<0.0005	
3/15/2017	<0.0005	
5/18/2017	<0.0005	
9/15/2017	<0.0005	
3/13/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/8/2020	<0.0005	
2/25/2021	<0.0005	
7/27/2021	<0.0005	
1/25/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.0005	
5/18/2015	<0.0005	
5/26/2015	<0.0005	
6/9/2015	<0.0005	
6/17/2015	<0.0005	
6/25/2015	<0.0005	
7/1/2015	<0.0005	
7/7/2015	<0.0005	
8/13/2015	<0.0005	
3/2/2016	<0.0005	
5/3/2016	<0.0005	
7/11/2016	<0.0005	
9/9/2016	<0.0005	
10/26/2016	<0.0005	
1/9/2017	<0.0005	
3/16/2017	<0.0005	
5/18/2017	<0.0005	
9/15/2017	<0.0005	
3/12/2018	<0.0005	
9/7/2018	<0.0005	
3/8/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/4/2020	<0.0005	
2/25/2021	<0.0005	
7/28/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.0005	
5/18/2015	<0.0005	
5/26/2015	<0.0005	
6/9/2015	<0.0005	
6/17/2015	<0.0005	
6/25/2015	<0.0005	
7/1/2015	<0.0005	
7/7/2015	<0.0005	
8/13/2015	<0.0005	
3/3/2016	<0.0005	
5/3/2016	<0.0005	
7/11/2016	<0.0005	
9/9/2016	<0.0005	
10/27/2016	<0.0005	
1/9/2017	<0.0005	
3/16/2017	<0.0005	
5/18/2017	<0.0005	
9/18/2017	<0.0005	
3/12/2018	<0.0005	
9/7/2018	<0.0005	
3/7/2019	<0.0005	
9/5/2019	<0.0005	
3/4/2020	<0.0005	
9/4/2020	<0.0005	
2/25/2021	<0.0005	
7/28/2021	<0.0005	
1/27/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.0005	
5/19/2015	<0.0005	
5/26/2015	<0.0005	
6/9/2015	<0.0005	
6/17/2015	<0.0005	
6/25/2015	<0.0005	
7/1/2015	<0.0005	
7/7/2015	<0.0005	
8/13/2015	<0.0005	
3/3/2016	<0.0005	
5/9/2016	<0.0005	
7/11/2016	<0.0005	
9/9/2016	<0.0005	
10/26/2016	<0.0005	
1/9/2017	<0.0005	
3/15/2017	<0.0005	
5/18/2017	<0.0005	
9/15/2017	<0.0005	
3/13/2018	<0.0005	
9/7/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005	
3/4/2020	<0.0005	
9/4/2020	<0.0005	
2/25/2021	<0.0005	
7/28/2021	<0.0005	
1/26/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.0005	
10/4/2014	<0.0005	
10/21/2014	<0.0005	
11/5/2014	<0.0005	
3/3/2015	<0.0005	
3/18/2015	<0.0005	
4/7/2015	<0.0005	
4/23/2015	<0.0005	
7/29/2015	<0.0005	
3/7/2016	<0.0005	
5/5/2016	<0.0005	
7/13/2016	<0.0005	
9/13/2016	<0.0005	
10/31/2016	8E-05 (J)	
1/12/2017	<0.0005	
3/23/2017	<0.0005	
5/23/2017	<0.0005	
9/25/2017	<0.0005	
3/14/2018	<0.0005	
9/11/2018	<0.0005	
3/12/2019	<0.0005	
9/9/2019	<0.0005	
3/6/2020	<0.0005	
9/9/2020	<0.0005	
2/26/2021	<0.0005	
7/29/2021	<0.0005	
1/28/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.0005	
10/5/2014	<0.0005	
10/22/2014	<0.0005	
11/5/2014	<0.0005	
3/4/2015	<0.0005	
3/19/2015	<0.0005	
4/8/2015	<0.0005	
4/24/2015	<0.0005	
7/30/2015	<0.0005	
3/8/2016	<0.0005	
5/9/2016	<0.0005	
7/15/2016	<0.0005	
9/9/2016	<0.0005	
10/27/2016	<0.0005	
1/12/2017	<0.0005	
3/21/2017	<0.0005	
5/23/2017	<0.0005	
9/19/2017	<0.0005	
3/14/2018	<0.0005	
9/10/2018	0.00021 (J)	
3/11/2019	<0.0005	
9/6/2019	<0.0005	
3/3/2020	<0.0005	
9/8/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/28/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.0005	
10/5/2014	<0.0005	
10/22/2014	<0.0005	
11/5/2014	<0.0005	
3/4/2015	<0.0005	
3/19/2015	<0.0005	
4/8/2015	<0.0005	
4/24/2015	<0.0005	
7/30/2015	<0.0005	
3/7/2016	<0.0005	
5/5/2016	<0.0005	
7/14/2016	<0.0005	
9/12/2016	<0.0005	
10/27/2016	<0.0005	
1/13/2017	8E-05 (J)	
3/20/2017	<0.0005	
5/23/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/7/2018	<0.0005	
3/11/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/8/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/27/2022		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.0005	
10/4/2014	<0.0005	
10/23/2014	<0.0005	
11/10/2014	<0.0005	
3/4/2015	<0.0005	
3/20/2015	<0.0005	
4/9/2015	<0.0005	
4/23/2015	<0.0005	
7/30/2015	<0.0005	
3/8/2016	<0.0005	
5/4/2016	<0.0005	
7/18/2016	<0.0005	
9/13/2016	<0.0005	
10/27/2016	<0.0005	
1/13/2017	0.0001 (J)	
3/16/2017	<0.0005	
5/19/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/11/2018	<0.0005	
3/8/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/4/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/27/2022		<0.0005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.005
10/3/2014	<0.005
10/20/2014	<0.005
11/10/2014	<0.005
3/2/2015	<0.005
3/17/2015	<0.005
4/5/2015	<0.005
4/21/2015	0.0011 (J)
7/28/2015	<0.005
3/1/2016	<0.005
5/2/2016	0.00385 (J)
7/7/2016	0.0004 (J)
9/7/2016	<0.005
10/25/2016	<0.005
1/5/2017	<0.005
3/15/2017	0.0007 (J)
5/17/2017	0.0004 (J)
9/15/2017	<0.005
3/12/2018	<0.005
9/6/2018	<0.005
3/6/2019	<0.005
9/4/2019	<0.005
3/2/2020	<0.005
9/3/2020	<0.005
2/24/2021	<0.005
8/6/2021	<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.0028	
10/3/2014	<0.005	
10/20/2014	0.0029	
11/10/2014	0.0017	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	0.0018	
7/28/2015	0.0015	
3/1/2016	<0.005	
5/2/2016	<0.005	
7/6/2016	0.0005 (J)	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/5/2017	<0.005	
3/14/2017	0.0008 (J)	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	0.0013 (J)	
3/2/2020	0.00047 (J)	
9/14/2020	<0.005	
3/26/2021	0.0006 (J)	
7/27/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	0.0015	
10/3/2014	0.0015	
10/20/2014	0.0011 (J)	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	<0.005	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/6/2017	<0.005	
3/14/2017	0.0006 (J)	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/6/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	0.018 (o)	
1/26/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	0.0026	
10/3/2014	0.0021	
10/20/2014	0.0023	
11/10/2014	0.0022	
3/2/2015	0.0021	
3/17/2015	0.0022	
4/6/2015	0.0016	
4/22/2015	0.0013	
7/28/2015	0.0014	
3/2/2016	<0.01	
5/3/2016	<0.01	
7/7/2016	0.002 (J)	
9/8/2016	0.001 (J)	
10/25/2016	0.0028 (J)	
2/9/2017	0.0012 (J)	
3/23/2017	<0.01	
5/17/2017	0.0019 (J)	
9/19/2017	0.0022 (J)	
3/13/2018	0.0017 (J)	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/4/2019	0.00155 (JD)	
3/2/2020	0.0014 (J)	
9/3/2020	0.0013 (J)	
2/24/2021	0.0018 (J)	
7/28/2021	0.0015 (J)	
1/25/2022		0.0014 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	0.036 (o)	
5/17/2015	0.029 (o)	
5/25/2015	0.029 (o)	
6/8/2015	0.015	
6/18/2015	0.016	
6/24/2015	0.02	
6/30/2015	0.02	
7/6/2015	0.015	
8/12/2015	0.0139	
5/4/2016	<0.005 (D)	
7/7/2016	0.0005 (JD)	
9/8/2016	<0.005 (D)	
10/26/2016	<0.005 (D)	
1/6/2017	<0.005 (D)	
3/15/2017	<0.005 (D)	
5/18/2017	<0.005 (D)	
7/19/2017	<0.005 (D)	
9/19/2017	<0.005 (D)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/4/2019	<0.005	
3/3/2020	<0.005	
9/9/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	0.0013	
6/18/2015	<0.005	
6/24/2015	0.0013	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
2/29/2016	<0.005	
5/4/2016	<0.005	
7/8/2016	0.0014 (J)	
9/8/2016	<0.005	
10/26/2016	0.0011 (J)	
1/6/2017	0.0011 (J)	
3/15/2017	0.0014 (J)	
5/17/2017	0.0011 (J)	
9/15/2017	0.001 (J)	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	0.00096 (J)	
3/2/2020	0.0011 (J)	
9/3/2020	0.0011 (J)	
2/24/2021	0.00097 (J)	
7/27/2021	<0.005	
1/25/2022		0.0012 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/17/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	0.0007 (J)	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	0.001 (J)	
5/19/2017	0.0006 (J)	
9/19/2017	0.0006 (J)	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.00065 (J)	
3/4/2020	0.00076 (J)	
9/8/2020	<0.005	
2/26/2021	0.0008 (J)	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	<0.005	
9/7/2016	<0.005	
10/27/2016	<0.005	
1/6/2017	<0.005	
3/16/2017	0.0011 (J)	
5/19/2017	0.0007 (J)	
9/19/2017	0.0006 (J)	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/5/2019	0.00055 (J)	
3/4/2020	0.0012 (J)	
9/8/2020	<0.005	
2/26/2021	0.00071 (J)	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.01	
5/18/2015	<0.01	
5/25/2015	0.0011 (J)	
6/9/2015	<0.01	
6/17/2015	0.0014	
6/25/2015	0.001 (J)	
7/1/2015	<0.01	
7/7/2015	0.0011 (J)	
8/12/2015	0.0011 (J)	
3/2/2016	<0.01	
5/4/2016	<0.01	
7/8/2016	0.0014 (J)	
9/8/2016	0.0015 (J)	
10/26/2016	0.0016 (J)	
1/9/2017	0.0013 (J)	
3/15/2017	0.0019 (J)	
5/18/2017	0.0012 (J)	
9/15/2017	0.0012 (J)	
3/13/2018	<0.01	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/5/2019	0.0016 (J)	
3/3/2020	0.0017 (J)	
9/8/2020	0.0014 (J)	
2/25/2021	0.0017 (J)	
7/27/2021	0.0016 (J)	
1/25/2022		0.0013 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	0.0006 (J)	
9/9/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	0.0008 (J)	
5/18/2017	0.001 (J)	
9/15/2017	0.0007 (J)	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.00092 (J)	
3/3/2020	0.00085 (J)	
9/4/2020	0.0012 (J)	
2/25/2021	0.00078 (J)	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	0.0017	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	0.0011 (J)	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	<0.005	
9/9/2016	<0.005	
10/27/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	0.0018 (J)	
5/18/2017	<0.005	
9/18/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	0.00079 (J)	
9/4/2020	<0.005	
2/25/2021	0.00083 (J)	
7/28/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.005	
5/19/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
5/9/2016	<0.005	
7/11/2016	0.0005 (J)	
9/9/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/15/2017	<0.005	
5/18/2017	0.0011 (J)	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	0.0014 (J)	
3/4/2020	<0.005	
9/4/2020	0.0012 (J)	
2/25/2021	0.001 (J)	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0033	
10/4/2014	0.0011 (J)	
10/21/2014	<0.01	
11/11/2014	<0.01	
3/3/2015	<0.01	
3/18/2015	<0.01	
4/6/2015	<0.01	
4/23/2015	0.001 (J)	
7/29/2015	<0.01	
3/3/2016	<0.01 (D)	
5/10/2016	<0.01	
7/13/2016	0.0008 (J)	
9/15/2016	<0.01	
11/2/2016	<0.01	
1/11/2017	0.0012 (J)	
3/20/2017	0.0013 (J)	
5/23/2017	0.0007 (J)	
9/21/2017	<0.01	
3/14/2018	<0.01	
9/7/2018	<0.01	
3/11/2019	<0.01	
9/9/2019	<0.01	
3/4/2020	0.0014 (J)	
9/9/2020	0.00056 (J)	
3/9/2021	0.0024 (J)	
7/30/2021	0.0017 (J)	
1/28/2022		0.0011 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	0.0014	
3/3/2015	0.001 (J)	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/4/2016	<0.005	
5/10/2016	<0.005	
7/14/2016	0.0035 (J)	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/21/2017	<0.005	
5/23/2017	0.0021 (J)	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/10/2019	<0.005	
3/5/2020	0.00063 (J)	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.01	
10/4/2014	0.0034	
10/21/2014	<0.01	
11/5/2014	0.0042	
3/3/2015	0.0038	
3/18/2015	0.0031	
4/7/2015	0.0037	
4/23/2015	0.0033	
7/29/2015	0.0033	
3/7/2016	<0.01 (o)	
5/5/2016	0.00385 (J)	
7/13/2016	0.0029 (J)	
9/13/2016	0.0029 (J)	
10/31/2016	0.0017 (J)	
1/12/2017	0.0025 (J)	
3/23/2017	<0.01 (o)	
5/23/2017	0.0029 (J)	
9/25/2017	0.0018 (J)	
3/14/2018	0.0021 (J)	
9/11/2018	0.0017 (J)	
3/12/2019	<0.01	
9/9/2019	0.001 (J)	
3/6/2020	0.0019 (J)	
9/9/2020	0.001 (J)	
2/26/2021	0.0014 (J)	
7/29/2021	0.0014 (J)	
1/28/2022		0.0014 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.005	
10/4/2014	0.025 (o)	
10/21/2014	0.024 (o)	
11/11/2014	0.025 (o)	
3/3/2015	0.029 (o)	
3/18/2015	<0.005	
4/7/2015	0.008	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	0.0006 (J)	
9/12/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/20/2017	0.0005	
5/22/2017	0.0005	
9/21/2017	0.0008	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00053 (J)	
3/5/2020	0.0007 (J)	
9/9/2020	<0.005	
2/26/2021	0.00069 (J)	
7/29/2021	<0.005	
1/27/2022		0.0015 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.005	
10/4/2014	0.001 (J)	
10/21/2014	0.0011 (J)	
11/5/2014	0.001 (J)	
3/3/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/9/2016	<0.005	
7/14/2016	0.0005 (J)	
9/12/2016	<0.005	
10/31/2016	<0.005	
1/11/2017	<0.005	
3/21/2017	<0.005	
5/22/2017	0.0005 (J)	
9/20/2017	0.0008 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	0.00056 (J)	
3/4/2020	0.001 (J)	
9/9/2020	<0.005	
2/26/2021	0.00067 (J)	
8/5/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	0.001 (J)	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	0.001 (J)	
3/8/2016	<0.005	
5/9/2016	<0.005	
7/14/2016	0.0008 (J)	
9/12/2016	<0.005	
10/31/2016	<0.005	
1/12/2017	0.0011 (J)	
3/22/2017	<0.005	
5/22/2017	0.0007 (J)	
9/19/2017	0.0006 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00071 (JD)	
3/5/2020	0.00075 (J)	
9/4/2020	0.00078 (J)	
3/9/2021	0.00094 (J)	
8/2/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	0.001 (J)	
10/5/2014	0.0013	
10/22/2014	0.0016	
11/5/2014	0.0013	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	0.001 (J)	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/9/2016	<0.005	
7/15/2016	<0.005	
9/9/2016	<0.005	
10/27/2016	<0.005	
1/12/2017	<0.005	
3/21/2017	<0.005	
5/23/2017	0.0004 (J)	
9/19/2017	0.0006 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/11/2019	<0.005	
9/6/2019	0.00078 (J)	
3/3/2020	0.00058 (J)	
9/8/2020	0.0013 (J)	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/14/2016	<0.005	
9/12/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	0.0004 (J)	
5/23/2017	0.0005 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00057 (J)	
9/8/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	0.0013	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	0.0012 (J)	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
5/6/2016	<0.005	
7/15/2016	0.0005 (J)	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/25/2017	0.0023 (J)	
3/22/2017	<0.005	
5/24/2017	0.0011 (J)	
9/21/2017	0.0014 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	0.00086 (J)	
9/9/2020	<0.005	
3/10/2021	0.00073 (J)	
7/30/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/4/2016	<0.005	
5/5/2016	<0.005	
7/12/2016	<0.005	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	<0.005	
5/19/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005 (D)	
3/3/2020	0.00052 (J)	
9/9/2020	<0.005	
3/9/2021	<0.005	
7/29/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/4/2016	<0.005	
7/18/2016	0.0005 (J)	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/16/2017	0.0008 (J)	
5/19/2017	0.0006 (J)	
9/19/2017	0.0007 (J)	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.00044 (J)	
3/3/2020	0.00078 (J)	
9/4/2020	0.00073 (J)	
3/9/2021	0.00079 (J)	
8/2/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.005
10/3/2014	<0.005
10/20/2014	<0.005
11/10/2014	<0.005
3/2/2015	<0.005
3/17/2015	<0.005
4/5/2015	<0.005
4/21/2015	0.00055 (J)
7/28/2015	<0.005
3/1/2016	<0.005
5/2/2016	<0.005
7/7/2016	<0.005
9/7/2016	<0.005
10/25/2016	<0.005
1/5/2017	<0.005
3/15/2017	<0.005
5/17/2017	<0.005
9/15/2017	<0.005
3/12/2018	<0.005
9/6/2018	<0.005
3/6/2019	<0.005
9/4/2019	<0.005
3/2/2020	<0.005
9/3/2020	<0.005
2/24/2021	<0.005
8/6/2021	<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.0039	
10/3/2014	<0.005	
10/20/2014	0.0014	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	0.0012 (J)	
7/28/2015	0.0012 (J)	
3/1/2016	<0.005	
5/2/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/5/2017	<0.005	
3/14/2017	<0.005	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	0.00096 (J)	
1/26/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	0.00077 (J)	
10/3/2014	0.0013	
10/20/2014	0.001 (J)	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	0.00202 (J)	
5/3/2016	<0.005	
7/8/2016	0.0004 (J)	
9/7/2016	0.0009 (J)	
10/25/2016	0.0022 (J)	
1/6/2017	0.0011 (J)	
3/14/2017	0.0009 (J)	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/6/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	0.0028	
10/3/2014	0.0029	
10/20/2014	0.0022	
11/10/2014	0.0022	
3/17/2015	0.0044 (o)	
4/6/2015	0.002	
4/22/2015	0.0016	
7/28/2015	0.0017	
3/2/2016	<0.01 (o)	
5/3/2016	<0.01 (o)	
7/7/2016	0.0015 (J)	
9/8/2016	0.0018 (J)	
10/25/2016	0.0019 (J)	
2/9/2017	0.0017 (J)	
3/23/2017	0.0018 (J)	
5/17/2017	0.0016 (J)	
9/19/2017	0.0012 (J)	
3/13/2018	0.0013 (J)	
9/6/2018	0.00094 (J)	
3/7/2019	0.00087 (J)	
9/4/2019	0.000935 (JD)	
3/2/2020	0.0011 (J)	
9/3/2020	0.00091 (J)	
2/24/2021	0.0011 (J)	
7/28/2021	0.001 (J)	
1/25/2022		0.0011 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.005	
5/17/2015	0.00059 (J)	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
5/4/2016	<0.005 (D)	
7/7/2016	<0.005 (D)	
9/8/2016	<0.005 (D)	
10/26/2016	<0.005 (D)	
1/6/2017	<0.005 (D)	
3/15/2017	<0.005 (D)	
5/18/2017	<0.005 (D)	
7/19/2017	<0.005 (D)	
9/19/2017	<0.005 (D)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/4/2019	<0.005	
3/3/2020	<0.005	
9/9/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
2/29/2016	<0.005	
5/4/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/6/2017	<0.005	
3/15/2017	<0.005	
5/17/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/17/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	<0.005	
5/19/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	<0.005	
9/7/2016	<0.005	
10/27/2016	<0.005	
1/6/2017	<0.005	
3/16/2017	<0.005	
5/19/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	0.00057 (J)	
5/18/2015	0.00055 (J)	
5/25/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/4/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/15/2017	<0.005	
5/18/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/8/2020	<0.005	
2/25/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.0025	
5/18/2015	0.00071 (J)	
5/26/2015	0.00067 (J)	
6/9/2015	0.001 (J)	
6/17/2015	0.00093 (J)	
6/25/2015	0.00059 (J)	
7/1/2015	0.00059 (J)	
7/7/2015	0.00091 (J)	
8/13/2015	0.0006 (J)	
3/2/2016	0.00715 (J)	
5/3/2016	0.00349 (J)	
7/11/2016	0.0007 (J)	
9/9/2016	<0.0025	
10/26/2016	<0.0025	
1/9/2017	<0.0025	
3/16/2017	0.0006 (J)	
5/18/2017	<0.0025	
9/15/2017	<0.0025	
3/12/2018	0.0034 (J)	
9/7/2018	<0.0025	
3/8/2019	0.0044 (J)	
9/5/2019	<0.0025	
3/3/2020	0.0048 (J)	
9/4/2020	0.0012 (J)	
2/25/2021	0.0039 (J)	
7/28/2021	0.006	
1/26/2022		0.0035 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.005	
5/18/2015	0.001 (J)	
5/26/2015	0.00052 (J)	
6/9/2015	0.00087 (J)	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	0.0006 (J)	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	0.001 (J)	
9/9/2016	0.0006 (J)	
10/27/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	<0.005	
5/18/2017	<0.005	
9/18/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.005	
5/19/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
5/9/2016	<0.005	
7/11/2016	<0.005	
9/9/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/15/2017	<0.005	
5/18/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0026	
10/4/2014	0.0015	
10/21/2014	0.00099 (J)	
11/11/2014	0.00097 (J)	
3/3/2015	0.00078 (J)	
3/18/2015	0.00081 (J)	
4/6/2015	0.0011 (J)	
4/23/2015	0.0007 (J)	
7/29/2015	<0.005	
3/3/2016	0.00451 (JD)	
5/10/2016	0.00478 (J)	
7/13/2016	0.0003 (J)	
9/15/2016	0.0018 (J)	
11/2/2016	0.0022 (J)	
1/11/2017	<0.005	
3/20/2017	<0.005	
5/23/2017	0.001 (J)	
9/21/2017	0.0006 (J)	
3/14/2018	0.00058 (J)	
9/7/2018	0.0034 (J)	
3/11/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	<0.005	
9/9/2020	0.00069 (J)	
3/9/2021	0.00047 (J)	
7/30/2021	0.00052 (J)	
1/28/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	0.0005 (J)	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	0.00076 (J)	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	<0.005	
9/13/2016	<0.005	
10/31/2016	<0.005	
1/12/2017	<0.005	
3/23/2017	<0.005	
5/23/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/6/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.005	
10/4/2014	0.00063 (J)	
10/21/2014	0.00058 (J)	
11/11/2014	0.00058 (J)	
3/3/2015	0.00056 (J)	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	<0.005	
9/12/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/20/2017	<0.005	
5/22/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	0.0183 (J)	
5/9/2016	0.00239 (J)	
7/15/2016	0.0008 (J)	
9/9/2016	<0.005	
10/27/2016	<0.005	
1/12/2017	<0.005	
3/21/2017	0.0005 (J)	
5/23/2017	<0.005	
9/19/2017	<0.005	
3/14/2018	0.00083 (J)	
9/10/2018	0.00071 (J)	
3/11/2019	0.00056 (J)	
9/6/2019	0.00051 (J)	
3/3/2020	<0.005	
9/8/2020	<0.005	
3/9/2021	0.0004 (J)	
8/2/2021	0.00048 (J)	
1/28/2022		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	<0.01	
11/5/2014	<0.01	
3/4/2015	<0.01	
3/19/2015	<0.01	
4/8/2015	<0.01	
4/24/2015	<0.01	
7/30/2015	<0.01	
3/7/2016	<0.01	
5/5/2016	<0.01	
7/14/2016	<0.01	
9/12/2016	<0.01	
10/27/2016	<0.01	
1/13/2017	<0.01	
3/20/2017	<0.01	
5/23/2017	<0.01	
9/19/2017	0.0012 (J)	
3/13/2018	<0.01	
9/7/2018	<0.01	
3/11/2019	<0.01	
9/5/2019	0.0012 (J)	
3/3/2020	0.00078 (J)	
9/8/2020	0.00087 (J)	
3/9/2021	0.00066 (J)	
8/2/2021	0.00045 (J)	
1/27/2022		0.0011 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	0.0006 (J)	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/4/2016	<0.005	
7/18/2016	<0.005	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/16/2017	<0.005	
5/19/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/4/2020	0.0012 (J)	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.005
10/3/2014	<0.005
10/20/2014	<0.005
11/10/2014	<0.005
3/2/2015	<0.005
3/17/2015	<0.005
4/5/2015	<0.005
4/21/2015	0.00095 (J)
7/28/2015	<0.005
3/1/2016	<0.005
7/7/2016	<0.005
3/15/2017	<0.005
9/15/2017	<0.005
3/12/2018	<0.005
9/6/2018	<0.005
3/6/2019	<0.005
9/4/2019	0.00023 (J)
3/2/2020	<0.005
9/3/2020	<0.005
2/24/2021	<0.005
8/6/2021	<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.0049 (J)	
10/3/2014	<0.005	
10/20/2014	0.0024 (J)	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	0.0017 (J)	
7/28/2015	0.00097 (J)	
3/1/2016	<0.005	
7/6/2016	<0.005	
3/14/2017	0.0003 (J)	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00043 (J)	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	0.018	
10/3/2014	0.021	
10/20/2014	0.022	
11/10/2014	0.02	
3/2/2015	0.015	
3/17/2015	0.016	
4/5/2015	0.016	
4/22/2015	0.013	
7/28/2015	0.02	
3/1/2016	0.0103 (J)	
7/8/2016	0.0152 (J)	
3/14/2017	0.0085 (J)	
9/15/2017	0.0058 (J)	
3/12/2018	0.0053 (J)	
9/6/2018	0.0054 (J)	
3/6/2019	<0.025	
9/4/2019	0.0082 (J)	
3/2/2020	0.0068 (J)	
9/3/2020	0.0067 (J)	
2/24/2021	0.0083	
7/28/2021	0.014	
1/26/2022		0.013

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	<0.005	
10/3/2014	0.00089 (J)	
10/20/2014	0.00087 (J)	
11/10/2014	<0.005	
3/2/2015	0.004 (J)	
3/17/2015	0.0016 (J)	
4/6/2015	0.00083 (J)	
4/22/2015	0.00085 (J)	
7/28/2015	<0.005	
3/2/2016	<0.005	
7/7/2016	<0.005	
3/23/2017	<0.005	
9/19/2017	0.0004 (J)	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005 (D)	
3/2/2020	0.00019 (J)	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.005	
5/17/2015	0.0015 (J)	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	0.0012 (J)	
6/30/2015	0.00096 (J)	
7/6/2015	0.00091 (J)	
8/12/2015	<0.005	
7/7/2016	0.0066 (JD)	
3/15/2017	<0.005 (D)	
9/19/2017	<0.005 (D)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/4/2019	<0.005	
3/3/2020	0.00041 (J)	
9/9/2020	0.0019 (J)	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	0.00082 (J)	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
2/29/2016	<0.005	
7/8/2016	<0.005	
3/15/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00024 (J)	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/17/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/8/2016	<0.005	
3/16/2017	<0.005	
9/19/2017	0.0003 (J)	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	0.00053 (J)	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	0.00093 (J)	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/11/2016	<0.005	
3/16/2017	<0.005	
9/19/2017	0.0003 (J)	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/8/2016	<0.005	
3/15/2017	<0.005	
9/15/2017	0.0007 (J)	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00025 (J)	
9/8/2020	<0.005	
2/25/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	0.0011 (J)	
8/13/2015	<0.005	
3/2/2016	<0.005	
7/11/2016	<0.005	
3/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.005	
5/18/2015	0.00093 (J)	
5/26/2015	<0.005	
6/9/2015	0.0014 (J)	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	0.0014 (J)	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
7/11/2016	<0.005	
3/16/2017	<0.005	
9/18/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.005	
5/19/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
7/11/2016	<0.005	
3/15/2017	<0.005	
9/15/2017	0.002 (J)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	0.00047 (J)	
3/4/2020	0.0003 (J)	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0042 (J)	
10/4/2014	0.0024 (J)	
10/21/2014	0.002 (J)	
11/11/2014	0.0021 (J)	
3/3/2015	0.0017 (J)	
3/18/2015	0.0019 (J)	
4/6/2015	0.0014 (J)	
4/23/2015	0.0022 (J)	
7/29/2015	0.00098 (J)	
3/3/2016	<0.025 (D)	
7/13/2016	0.0022 (J)	
3/20/2017	0.002 (J)	
9/21/2017	0.0018 (J)	
3/14/2018	0.0017 (J)	
9/7/2018	<0.025	
3/11/2019	<0.025	
9/9/2019	0.00082 (J)	
3/4/2020	0.0024 (J)	
9/9/2020	<0.025	
3/9/2021	0.0025 (J)	
7/30/2021	0.0024 (J)	
1/28/2022		0.00088 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.005	
10/4/2014	0.0012 (J)	
10/21/2014	0.0011 (J)	
11/11/2014	0.0015 (J)	
3/3/2015	0.0012 (J)	
3/18/2015	<0.005	
4/6/2015	0.00083 (J)	
4/23/2015	0.0012 (J)	
7/29/2015	<0.005	
3/4/2016	<0.005	
7/14/2016	0.0124 (J)	
3/21/2017	0.0005 (J)	
9/22/2017	0.0007 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/10/2019	<0.005	
3/5/2020	0.00023 (J)	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/13/2016	<0.005	
3/23/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/6/2020	0.00023 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.005	
10/4/2014	0.00086 (J)	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/13/2016	<0.005	
3/20/2017	<0.005	
9/21/2017	0.0003 (J)	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/14/2016	<0.005	
3/21/2017	0.0006 (J)	
9/20/2017	0.0003 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	0.00036 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
8/5/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
7/14/2016	<0.005	
3/22/2017	<0.005	
9/19/2017	0.0008 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005 (D)	
3/5/2020	<0.005	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.005	
10/5/2014	0.0016 (J)	
10/22/2014	0.0018 (J)	
11/5/2014	0.0015 (J)	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	0.0016 (J)	
7/30/2015	<0.005	
3/8/2016	<0.005	
7/15/2016	0.0009 (J)	
3/21/2017	0.0009 (J)	
9/19/2017	0.0006 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/11/2019	<0.005	
9/6/2019	0.01 (J)	
3/3/2020	0.00049 (J)	
9/8/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	0.00081 (J)	
1/28/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
7/14/2016	<0.005	
3/20/2017	0.0012 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00022 (J)	
9/8/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	0.001 (J)	
3/4/2015	0.0014 (J)	
3/20/2015	<0.005	
4/8/2015	0.0014 (J)	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
7/15/2016	<0.005	
3/22/2017	0.0005 (J)	
9/21/2017	0.0005 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00037 (J)	
3/5/2020	0.0003 (J)	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022		0.00068 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	0.0011 (J)	
7/30/2015	<0.005	
3/4/2016	<0.005	
7/12/2016	<0.005	
3/20/2017	0.0003 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.001 (JD)	
3/3/2020	0.00097 (J)	
9/9/2020	0.0017 (J)	
3/9/2021	<0.005	
7/29/2021	0.00051 (J)	
1/28/2022		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
7/18/2016	<0.005	
3/16/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00027 (J)	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.001
10/3/2014	<0.001
10/20/2014	<0.001
11/10/2014	<0.001
3/2/2015	<0.001
3/17/2015	<0.001
4/5/2015	<0.001
4/21/2015	0.0025 (J)
7/28/2015	<0.001
3/1/2016	<0.001
5/2/2016	<0.001
7/7/2016	0.0001 (J)
9/7/2016	0.0001 (J)
10/25/2016	<0.001
1/5/2017	0.0001 (J)
3/15/2017	0.0002 (J)
5/17/2017	8E-05 (J)
9/15/2017	0.0003 (J)
3/12/2018	<0.001
9/6/2018	<0.001
3/6/2019	<0.001
9/4/2019	7.6E-05 (J)
3/2/2020	5.2E-05 (J)
9/3/2020	0.00012 (J)
2/24/2021	6.2E-05 (J)
8/6/2021	<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.0069 (Jo)	
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	<0.001	
3/17/2015	<0.001	
4/5/2015	<0.001	
4/21/2015	<0.001	
7/28/2015	<0.001	
3/1/2016	<0.001	
5/2/2016	<0.001	
7/6/2016	0.0004 (J)	
9/7/2016	<0.001	
10/25/2016	0.0001 (J)	
1/5/2017	0.0002 (J)	
3/14/2017	0.0003 (J)	
5/16/2017	<0.001	
9/15/2017	8E-05 (J)	
3/12/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	0.00031 (J)	
9/14/2020	0.00065 (J)	
3/26/2021	0.00095 (J)	
7/27/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.001	
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	<0.001	
3/17/2015	<0.001	
4/5/2015	<0.001	
4/22/2015	<0.001	
7/28/2015	<0.001	
3/1/2016	<0.001	
5/3/2016	<0.001	
7/8/2016	0.0001 (J)	
9/7/2016	0.0001 (J)	
10/25/2016	<0.001	
1/6/2017	<0.001	
3/14/2017	0.0001 (J)	
5/16/2017	<0.001	
9/15/2017	<0.001	
3/12/2018	<0.001	
9/6/2018	<0.001	
3/6/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	<0.001	
9/3/2020	<0.001	
2/24/2021	<0.001	
7/28/2021	0.13 (o)	
1/26/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	<0.001	
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	0.0047 (J)	
3/17/2015	<0.001	
4/6/2015	<0.001	
4/22/2015	<0.001	
7/28/2015	<0.001	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/7/2016	0.0001 (J)	
9/8/2016	0.0001 (J)	
10/25/2016	0.0002 (J)	
2/9/2017	<0.001	
3/23/2017	0.0001 (J)	
5/17/2017	0.0001 (J)	
9/19/2017	<0.001	
3/13/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001 (D)	
3/2/2020	<0.001	
9/3/2020	<0.001	
2/24/2021	<0.001	
7/28/2021	<0.001	
1/25/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.001	
5/17/2015	<0.001	
5/25/2015	<0.001	
6/8/2015	<0.001	
6/18/2015	<0.001	
6/24/2015	<0.001	
6/30/2015	<0.001	
7/6/2015	<0.001	
8/12/2015	<0.001	
5/4/2016	<0.001 (D)	
7/7/2016	0.0002 (JD)	
9/8/2016	<0.001 (D)	
10/26/2016	<0.001 (D)	
1/6/2017	<0.001 (D)	
3/15/2017	<0.001 (D)	
5/18/2017	<0.001 (D)	
7/19/2017	<0.001 (D)	
9/19/2017	<0.001 (D)	
3/13/2018	<0.001	
9/7/2018	<0.001	
3/8/2019	<0.001	
9/4/2019	<0.001	
3/3/2020	5.1E-05 (J)	
9/9/2020	8.9E-05 (J)	
2/25/2021	<0.001	
7/28/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.001	
5/17/2015	<0.001	
5/25/2015	<0.001	
6/8/2015	<0.001	
6/18/2015	<0.001	
6/24/2015	<0.001	
6/30/2015	<0.001	
7/6/2015	<0.001	
8/12/2015	<0.001	
2/29/2016	<0.001	
5/4/2016	<0.001	
7/8/2016	<0.001	
9/8/2016	<0.001	
10/26/2016	<0.001	
1/6/2017	<0.001	
3/15/2017	<0.001	
5/17/2017	<0.001	
9/15/2017	<0.001	
3/13/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	<0.001	
9/3/2020	<0.001	
2/24/2021	<0.001	
7/27/2021	<0.001	
1/25/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.001	
5/18/2015	<0.001	
5/25/2015	<0.001	
6/8/2015	<0.001	
6/17/2015	<0.001	
6/24/2015	<0.001	
6/30/2015	<0.001	
7/6/2015	<0.001	
8/12/2015	<0.001	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/8/2016	0.0002 (J)	
9/8/2016	0.0002 (J)	
10/26/2016	<0.001	
1/9/2017	<0.001	
3/16/2017	0.0001 (J)	
5/19/2017	9E-05 (J)	
9/19/2017	0.0001 (J)	
3/13/2018	<0.001	
9/11/2018	<0.001	
3/8/2019	<0.001	
9/5/2019	8E-05 (J)	
3/4/2020	0.00016 (J)	
9/8/2020	0.00012 (J)	
2/26/2021	0.00012 (J)	
7/29/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.001	
5/17/2015	<0.001	
5/25/2015	<0.001	
6/8/2015	<0.001	
6/18/2015	<0.001	
6/24/2015	<0.001	
6/30/2015	<0.001	
7/6/2015	<0.001	
8/12/2015	<0.001	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/11/2016	<0.001	
9/7/2016	<0.001	
10/27/2016	<0.001	
1/6/2017	<0.001	
3/16/2017	5E-05 (J)	
5/19/2017	0.0001 (J)	
9/19/2017	<0.001	
3/13/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/5/2019	8.3E-05 (J)	
3/4/2020	6.6E-05 (J)	
9/8/2020	0.0006 (J)	
2/26/2021	6.4E-05 (J)	
7/29/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.001	
5/18/2015	<0.001	
5/25/2015	<0.001	
6/9/2015	<0.001	
6/17/2015	<0.001	
6/25/2015	<0.001	
7/1/2015	<0.001	
7/7/2015	<0.001	
8/12/2015	<0.001	
3/2/2016	<0.001	
5/4/2016	<0.001	
7/8/2016	<0.001	
9/8/2016	<0.001	
10/26/2016	<0.001	
1/9/2017	<0.001	
3/15/2017	<0.001	
5/18/2017	<0.001	
9/15/2017	<0.001	
3/13/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/5/2019	<0.001	
3/3/2020	4.8E-05 (J)	
9/8/2020	<0.001	
2/25/2021	<0.001	
7/27/2021	<0.001	
1/25/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.001	
5/18/2015	<0.001	
5/26/2015	<0.001	
6/9/2015	<0.001	
6/17/2015	<0.001	
6/25/2015	<0.001	
7/1/2015	<0.001	
7/7/2015	<0.001	
8/13/2015	<0.001	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/11/2016	<0.001	
9/9/2016	<0.001	
10/26/2016	<0.001	
1/9/2017	<0.001	
3/16/2017	7E-05 (J)	
5/18/2017	0.0001 (J)	
9/15/2017	<0.001	
3/12/2018	<0.001	
9/7/2018	<0.001	
3/8/2019	<0.001	
9/5/2019	<0.001	
3/3/2020	4.8E-05 (J)	
9/4/2020	0.0001 (J)	
2/25/2021	9E-05 (J)	
7/28/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.001	
5/18/2015	<0.001	
5/26/2015	<0.001	
6/9/2015	<0.001	
6/17/2015	<0.001	
6/25/2015	<0.001	
7/1/2015	<0.001	
7/7/2015	<0.001	
8/13/2015	<0.001	
3/3/2016	<0.001	
5/3/2016	<0.001	
7/11/2016	0.0001 (J)	
9/9/2016	<0.001	
10/27/2016	0.0001 (J)	
1/9/2017	<0.001	
3/16/2017	0.0001 (J)	
5/18/2017	7E-05 (J)	
9/18/2017	<0.001	
3/12/2018	<0.001	
9/7/2018	<0.001	
3/7/2019	<0.001	
9/5/2019	<0.001	
3/4/2020	<0.001	
9/4/2020	<0.001	
2/25/2021	3.8E-05 (J)	
7/28/2021	<0.001	
1/27/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.001	
5/19/2015	<0.001	
5/26/2015	<0.001	
6/9/2015	<0.001	
6/17/2015	<0.001	
6/25/2015	<0.001	
7/1/2015	<0.001	
7/7/2015	<0.001	
8/13/2015	<0.001	
3/3/2016	<0.001	
5/9/2016	<0.001	
7/11/2016	0.0003 (J)	
9/9/2016	0.0001 (J)	
10/26/2016	<0.001	
1/9/2017	<0.001	
3/15/2017	0.0001 (J)	
5/18/2017	0.0001 (J)	
9/15/2017	0.0001 (J)	
3/13/2018	<0.001	
9/7/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/4/2020	5E-05 (J)	
9/4/2020	<0.001	
2/25/2021	4.5E-05 (J)	
7/28/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/11/2014	<0.001	
3/3/2015	<0.001	
3/18/2015	<0.001	
4/6/2015	<0.001	
4/23/2015	<0.001	
7/29/2015	<0.001	
3/3/2016	<0.001 (D)	
5/10/2016	<0.001	
7/13/2016	<0.001	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/11/2017	0.0001 (J)	
3/20/2017	<0.001	
5/23/2017	8E-05 (J)	
9/21/2017	9E-05 (J)	
3/14/2018	<0.001	
9/7/2018	<0.001	
3/11/2019	<0.001	
9/9/2019	<0.001	
3/4/2020	<0.001	
9/9/2020	0.00017 (J)	
3/9/2021	0.00011 (J)	
7/30/2021	<0.001	
1/28/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/11/2014	<0.001	
3/3/2015	<0.001	
3/18/2015	<0.001	
4/6/2015	<0.001	
4/23/2015	<0.001	
7/29/2015	<0.001	
3/4/2016	<0.001	
5/10/2016	<0.001	
7/14/2016	0.0006 (J)	
9/14/2016	<0.001	
11/1/2016	<0.001	
1/11/2017	<0.001	
3/21/2017	<0.001	
5/23/2017	<0.001	
9/22/2017	<0.001	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/10/2019	<0.001	
3/5/2020	<0.001	
9/9/2020	<0.001	
3/10/2021	<0.001	
7/30/2021	<0.001	
1/28/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/5/2014	<0.001	
3/3/2015	<0.001	
3/18/2015	<0.001	
4/7/2015	<0.001	
4/23/2015	<0.001	
7/29/2015	<0.001	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/13/2016	0.0001 (J)	
9/13/2016	<0.001	
10/31/2016	<0.001	
1/12/2017	0.0002 (J)	
3/23/2017	0.0002 (J)	
5/23/2017	0.0002 (J)	
9/25/2017	8E-05 (J)	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/9/2019	5E-05 (J)	
3/6/2020	0.00013 (J)	
9/9/2020	6E-05 (J)	
2/26/2021	9.4E-05 (J)	
7/29/2021	<0.001	
1/28/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/11/2014	<0.001	
3/3/2015	<0.001	
3/18/2015	<0.001	
4/7/2015	<0.001	
4/23/2015	<0.001	
7/29/2015	<0.001	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/13/2016	<0.001	
9/12/2016	0.0002 (J)	
11/1/2016	0.0001 (J)	
1/11/2017	<0.001	
3/20/2017	7E-05 (J)	
5/22/2017	<0.001	
9/21/2017	0.0003 (J)	
3/14/2018	0.00035 (J)	
9/7/2018	<0.001	
3/12/2019	<0.001	
9/6/2019	<0.001	
3/5/2020	0.00032 (J)	
9/9/2020	0.00025 (J)	
2/26/2021	0.00025 (J)	
7/29/2021	<0.001	
1/27/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/5/2014	<0.001	
3/3/2015	<0.001	
3/19/2015	<0.001	
4/7/2015	<0.001	
4/24/2015	<0.001	
7/29/2015	<0.001	
3/7/2016	<0.001	
5/9/2016	<0.001	
7/14/2016	9E-05 (J)	
9/12/2016	<0.001	
10/31/2016	<0.001	
1/11/2017	<0.001	
3/21/2017	7E-05 (J)	
5/22/2017	<0.001	
9/20/2017	0.0004 (J)	
3/14/2018	<0.001	
9/10/2018	<0.001	
3/12/2019	<0.001	
9/9/2019	<0.001	
3/4/2020	0.0003 (J)	
9/9/2020	<0.001	
2/26/2021	<0.001	
8/5/2021	<0.001	
1/27/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.001	
10/5/2014	<0.001	
10/22/2014	<0.001	
11/5/2014	<0.001	
3/4/2015	<0.001	
3/19/2015	<0.001	
4/8/2015	<0.001	
4/24/2015	<0.001	
7/30/2015	<0.001	
3/8/2016	<0.001	
5/9/2016	<0.001	
7/15/2016	<0.001	
9/9/2016	<0.001	
10/27/2016	<0.001	
1/12/2017	<0.001	
3/21/2017	6E-05 (J)	
5/23/2017	<0.001	
9/19/2017	<0.001	
3/14/2018	<0.001	
9/10/2018	<0.001	
3/11/2019	<0.001	
9/6/2019	0.0016 (J)	
3/3/2020	<0.001	
9/8/2020	6.7E-05 (J)	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/28/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.001	
10/5/2014	<0.001	
10/22/2014	<0.001	
11/5/2014	<0.001	
3/4/2015	<0.001	
3/19/2015	<0.001	
4/8/2015	<0.001	
4/24/2015	<0.001	
7/30/2015	<0.001	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/14/2016	<0.001	
9/12/2016	<0.001	
10/27/2016	<0.001	
1/13/2017	0.0001 (J)	
3/20/2017	7E-05 (J)	
5/23/2017	<0.001	
9/19/2017	0.0001 (J)	
3/13/2018	<0.001	
9/7/2018	<0.001	
3/11/2019	<0.001	
9/5/2019	<0.001	
3/3/2020	5.9E-05 (J)	
9/8/2020	<0.001	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/27/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.001	
10/5/2014	<0.001	
10/22/2014	<0.001	
11/5/2014	<0.001	
3/4/2015	<0.001	
3/20/2015	<0.001	
4/8/2015	<0.001	
4/23/2015	<0.001	
7/30/2015	<0.001	
3/9/2016	<0.001	
5/6/2016	<0.001	
7/15/2016	<0.001	
9/14/2016	<0.001	
11/1/2016	<0.001	
1/25/2017	<0.001	
3/22/2017	<0.001	
5/24/2017	0.0001 (J)	
9/21/2017	<0.001	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/6/2019	6.8E-05 (J)	
3/5/2020	5.2E-05 (J)	
9/9/2020	<0.001	
3/10/2021	<0.001	
7/30/2021	<0.001	
1/28/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.001	
10/4/2014	<0.001	
10/23/2014	<0.001	
11/10/2014	<0.001	
3/4/2015	<0.001	
3/20/2015	<0.001	
4/8/2015	<0.001	
4/23/2015	<0.001	
7/30/2015	<0.001	
3/4/2016	<0.001	
5/5/2016	<0.001	
7/12/2016	<0.001	
9/13/2016	<0.001	
10/27/2016	<0.001	
1/13/2017	<0.001	
3/20/2017	0.0001 (J)	
5/19/2017	<0.001	
9/19/2017	0.0002 (J)	
3/13/2018	<0.001	
9/11/2018	<0.001	
3/8/2019	<0.001	
9/5/2019	9.05E-05 (JD)	
3/3/2020	5.7E-05 (J)	
9/9/2020	0.0001 (J)	
3/9/2021	<0.001	
7/29/2021	<0.001	
1/28/2022		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.001	
10/4/2014	<0.001	
10/23/2014	<0.001	
11/10/2014	<0.001	
3/4/2015	<0.001	
3/20/2015	<0.001	
4/9/2015	<0.001	
4/23/2015	<0.001	
7/30/2015	<0.001	
3/8/2016	<0.001	
5/4/2016	<0.001	
7/18/2016	0.0001 (J)	
9/13/2016	<0.001	
10/27/2016	<0.001	
1/13/2017	<0.001	
3/16/2017	0.0003 (J)	
5/19/2017	0.0001 (J)	
9/19/2017	<0.001	
3/13/2018	<0.001	
9/11/2018	<0.001	
3/8/2019	0.00035 (J)	
9/5/2019	6E-05 (J)	
3/3/2020	5.9E-05 (J)	
9/4/2020	0.00012 (J)	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/27/2022		<0.001

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.0002
10/3/2014	<0.0002
10/20/2014	<0.0002
11/10/2014	5.8E-05 (J)
3/2/2015	2.04E-05 (J)
3/17/2015	<0.0002
4/5/2015	<0.0002
4/21/2015	<0.0002
7/28/2015	2.13E-05 (J)
3/1/2016	<0.0002
5/2/2016	<0.0002
7/7/2016	<0.0002
9/7/2016	<0.0002
10/25/2016	<0.0002
1/5/2017	<0.0002
3/15/2017	<0.0002
5/17/2017	<0.0002
9/15/2017	<0.0002
3/12/2018	<0.0002
9/6/2018	<0.0002
3/6/2019	<0.0002
9/4/2019	<0.0002
3/2/2020	<0.0002
9/3/2020	<0.0002
2/24/2021	<0.0002
8/6/2021	0.00021

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.000172 (J)	
10/3/2014	<0.0002	
10/20/2014	<0.0002	
11/10/2014	3.84E-05 (J)	
3/2/2015	<0.0002	
3/17/2015	<0.0002	
4/5/2015	<0.0002	
4/21/2015	2.39E-05 (J)	
7/28/2015	5.2E-05 (J)	
3/1/2016	<0.0002	
5/2/2016	<0.0002	
7/6/2016	<0.0002	
9/7/2016	<0.0002	
10/25/2016	<0.0002	
1/5/2017	<0.0002	
3/14/2017	<0.0002	
5/16/2017	<0.0002	
9/15/2017	<0.0002	
3/12/2018	<0.0002	
9/6/2018	<0.0002	
3/7/2019	<0.0002	
9/4/2019	<0.0002	
3/2/2020	<0.0002	
9/14/2020	<0.0002	
3/26/2021	<0.0002	
7/27/2021	<0.0002	
1/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	4.23E-05 (J)	
10/3/2014	<0.0002	
10/20/2014	3.87E-05 (J)	
11/10/2014	3.34E-05 (J)	
3/2/2015	<0.0002	
3/17/2015	<0.0002	
4/5/2015	<0.0002	
4/22/2015	<0.0002	
7/28/2015	<0.0002	
3/1/2016	<0.0002	
5/3/2016	<0.0002	
7/8/2016	<0.0002	
9/7/2016	<0.0002	
10/25/2016	<0.0002	
1/6/2017	<0.0002	
3/14/2017	<0.0002	
5/16/2017	<0.0002	
9/15/2017	<0.0002	
3/12/2018	<0.0002	
9/6/2018	<0.0002	
3/6/2019	<0.0002	
9/4/2019	<0.0002	
3/2/2020	<0.0002	
9/3/2020	<0.0002	
2/24/2021	9.1E-05 (J)	
7/28/2021	<0.0002	
1/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	2.75E-05 (J)	
10/3/2014	<0.0002	
10/20/2014	4.07E-05 (J)	
11/10/2014	6.86E-05 (J)	
3/2/2015	3.07E-05 (J)	
3/17/2015	<0.0002	
4/6/2015	<0.0002	
4/22/2015	<0.0002	
7/28/2015	<0.0002	
3/2/2016	<0.0002	
5/3/2016	<0.0002	
7/7/2016	<0.0002	
9/8/2016	<0.0002	
10/25/2016	<0.0002	
2/9/2017	<0.0002	
3/23/2017	<0.0002	
5/17/2017	<0.0002	
9/19/2017	<0.0002	
3/13/2018	<0.0002	
9/6/2018	<0.0002	
3/7/2019	<0.0002	
9/4/2019	<0.0002 (D)	
3/2/2020	<0.0002	
9/3/2020	<0.0002	
2/24/2021	0.00013 (J)	
7/28/2021	<0.0002	
1/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.0002	
5/17/2015	0.000101 (J)	
5/25/2015	4.88E-05 (J)	
6/8/2015	<0.0002	
6/18/2015	4.1E-05 (J)	
6/24/2015	8.41E-05 (J)	
6/30/2015	<0.0002	
7/6/2015	<0.0002	
8/12/2015	4.91E-05 (J)	
5/4/2016	<0.0002 (D)	
7/7/2016	<0.0002 (D)	
9/8/2016	<0.0002 (D)	
10/26/2016	<0.0002 (D)	
1/6/2017	<0.0002 (D)	
3/15/2017	<0.0002 (D)	
5/18/2017	<0.0002 (D)	
7/19/2017	<0.0002 (D)	
9/19/2017	<0.0002 (D)	
3/13/2018	<0.0002	
9/7/2018	<0.0002	
3/8/2019	<0.0002	
9/4/2019	<0.0002	
3/3/2020	<0.0002	
9/9/2020	<0.0002	
2/25/2021	<0.0002	
7/28/2021	<0.0002	
1/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.0002	
5/17/2015	<0.0002	
5/25/2015	<0.0002	
6/8/2015	<0.0002	
6/18/2015	<0.0002	
6/24/2015	<0.0002	
6/30/2015	<0.0002	
7/6/2015	<0.0002	
8/12/2015	<0.0002	
2/29/2016	<0.0002	
5/4/2016	<0.0002	
7/8/2016	<0.0002	
9/8/2016	<0.0002	
10/26/2016	<0.0002	
1/6/2017	<0.0002	
3/15/2017	<0.0002	
5/17/2017	<0.0002	
9/15/2017	<0.0002	
3/13/2018	<0.0002	
9/6/2018	<0.0002	
3/7/2019	<0.0002	
9/4/2019	<0.0002	
3/2/2020	<0.0002	
9/3/2020	<0.0002	
2/24/2021	<0.0002	
7/27/2021	<0.0002	
1/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.0002	
5/18/2015	<0.0002	
5/25/2015	<0.0002	
6/8/2015	<0.0002	
6/17/2015	<0.0002	
6/24/2015	<0.0002	
6/30/2015	<0.0002	
7/6/2015	<0.0002	
8/12/2015	<0.0002	
3/2/2016	<0.0002	
5/3/2016	<0.0002	
7/8/2016	<0.0002	
9/8/2016	<0.0002	
10/26/2016	<0.0002	
1/9/2017	<0.0002	
3/16/2017	<0.0002	
5/19/2017	<0.0002	
9/19/2017	<0.0002	
3/13/2018	<0.0002	
9/11/2018	<0.0002	
3/8/2019	<0.0002	
9/5/2019	<0.0002	
3/4/2020	<0.0002	
9/8/2020	<0.0002	
2/26/2021	<0.0002	
7/29/2021	<0.0002	
1/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.0002	
5/17/2015	<0.0002	
5/25/2015	<0.0002	
6/8/2015	<0.0002	
6/18/2015	<0.0002	
6/24/2015	<0.0002	
6/30/2015	<0.0002	
7/6/2015	<0.0002	
8/12/2015	<0.0002	
3/2/2016	<0.0002	
5/3/2016	<0.0002	
7/11/2016	<0.0002	
9/7/2016	<0.0002	
10/27/2016	<0.0002	
1/6/2017	<0.0002	
3/16/2017	<0.0002	
5/19/2017	<0.0002	
9/19/2017	<0.0002	
3/13/2018	<0.0002	
9/11/2018	<0.0002	
3/12/2019	<0.0002	
9/5/2019	<0.0002	
3/4/2020	<0.0002	
9/8/2020	<0.0002	
2/26/2021	<0.0002	
7/29/2021	<0.0002	
1/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.0002	
5/18/2015	<0.0002	
5/25/2015	<0.0002	
6/9/2015	<0.0002	
6/17/2015	<0.0002	
6/25/2015	<0.0002	
7/1/2015	<0.0002	
7/7/2015	<0.0002	
8/12/2015	<0.0002	
3/2/2016	<0.0002	
5/4/2016	<0.0002	
7/8/2016	<0.0002	
9/8/2016	<0.0002	
10/26/2016	<0.0002	
1/9/2017	<0.0002	
3/15/2017	<0.0002	
5/18/2017	<0.0002	
9/15/2017	<0.0002	
3/13/2018	<0.0002	
9/6/2018	<0.0002	
3/7/2019	<0.0002	
9/5/2019	<0.0002	
3/3/2020	<0.0002	
9/8/2020	<0.0002	
2/25/2021	<0.0002	
7/27/2021	<0.0002	
1/25/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.0002	
5/18/2015	<0.0002	
5/26/2015	<0.0002	
6/9/2015	<0.0002	
6/17/2015	<0.0002	
6/25/2015	<0.0002	
7/1/2015	<0.0002	
7/7/2015	<0.0002	
8/13/2015	<0.0002	
3/2/2016	<0.0002	
5/3/2016	<0.0002	
7/11/2016	<0.0002	
9/9/2016	<0.0002	
10/26/2016	<0.0002	
1/9/2017	<0.0002	
3/16/2017	<0.0002	
5/18/2017	<0.0002	
9/15/2017	<0.0002	
3/12/2018	<0.0002	
9/7/2018	<0.0002	
3/8/2019	<0.0002	
9/5/2019	<0.0002	
3/3/2020	<0.0002	
9/4/2020	<0.0002	
2/25/2021	<0.0002	
7/28/2021	<0.0002	
1/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.0002	
5/18/2015	<0.0002	
5/26/2015	<0.0002	
6/9/2015	<0.0002	
6/17/2015	<0.0002	
6/25/2015	<0.0002	
7/1/2015	<0.0002	
7/7/2015	<0.0002	
8/13/2015	<0.0002	
3/3/2016	<0.0002	
5/3/2016	<0.0002	
7/11/2016	<0.0002	
9/9/2016	<0.0002	
10/27/2016	<0.0002	
1/9/2017	<0.0002	
3/16/2017	<0.0002	
5/18/2017	<0.0002	
9/18/2017	<0.0002	
3/12/2018	<0.0002	
9/7/2018	<0.0002	
3/7/2019	<0.0002	
9/5/2019	<0.0002	
3/4/2020	<0.0002	
9/4/2020	<0.0002	
2/25/2021	<0.0002	
7/28/2021	<0.0002	
1/27/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.0002	
5/19/2015	<0.0002	
5/26/2015	<0.0002	
6/9/2015	<0.0002	
6/17/2015	<0.0002	
6/25/2015	<0.0002	
7/1/2015	<0.0002	
7/7/2015	<0.0002	
8/13/2015	<0.0002	
3/3/2016	<0.0002	
5/9/2016	<0.0002	
7/11/2016	<0.0002	
9/9/2016	<0.0002	
10/26/2016	<0.0002	
1/9/2017	<0.0002	
3/15/2017	<0.0002	
5/18/2017	<0.0002	
9/15/2017	<0.0002	
3/13/2018	<0.0002	
9/7/2018	<0.0002	
3/7/2019	<0.0002	
9/4/2019	<0.0002	
3/4/2020	<0.0002	
9/4/2020	<0.0002	
2/25/2021	<0.0002	
7/28/2021	<0.0002	
1/26/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	2.69E-05 (J)	
10/4/2014	<0.0002	
10/21/2014	3.18E-05 (J)	
11/11/2014	<0.0002	
3/3/2015	<0.0002	
3/18/2015	<0.0002	
4/6/2015	<0.0002	
4/23/2015	<0.0002	
7/29/2015	<0.0002	
3/3/2016	<0.0002 (D)	
5/10/2016	<0.0002	
7/13/2016	<0.0002	
9/15/2016	<0.0002	
11/2/2016	<0.0002	
1/11/2017	<0.0002	
3/20/2017	<0.0002	
5/23/2017	<0.0002	
9/21/2017	<0.0002	
3/14/2018	<0.0002	
9/7/2018	<0.0002	
3/11/2019	<0.0002	
9/9/2019	<0.0002	
3/4/2020	<0.0002	
9/9/2020	<0.0002	
3/9/2021	<0.0002	
7/30/2021	<0.0002	
1/28/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	2.97E-05 (J)	
10/4/2014	<0.0002	
10/21/2014	5.02E-05 (J)	
11/11/2014	3.66E-05 (J)	
3/3/2015	<0.0002	
3/18/2015	<0.0002	
4/6/2015	<0.0002	
4/23/2015	<0.0002	
7/29/2015	<0.0002	
3/4/2016	<0.0002	
5/10/2016	<0.0002	
7/14/2016	<0.0002	
9/14/2016	<0.0002	
11/1/2016	<0.0002	
1/11/2017	<0.0002	
3/21/2017	<0.0002	
5/23/2017	<0.0002	
9/22/2017	<0.0002	
3/14/2018	<0.0002	
9/11/2018	<0.0002	
3/12/2019	<0.0002	
9/10/2019	<0.0002	
3/5/2020	<0.0002	
9/9/2020	<0.0002	
3/10/2021	<0.0002	
7/30/2021	<0.0002	
1/28/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	4.24E-05 (J)	
10/4/2014	2.5E-05 (J)	
10/21/2014	6.4E-05 (J)	
11/5/2014	7.02E-05 (J)	
3/3/2015	<0.0002	
3/18/2015	<0.0002	
4/7/2015	<0.0002	
4/23/2015	<0.0002	
7/29/2015	3.14E-05 (J)	
3/7/2016	<0.0002	
5/5/2016	<0.0002	
7/13/2016	<0.0002	
9/13/2016	<0.0002	
10/31/2016	<0.0002	
1/12/2017	<0.0002	
3/23/2017	<0.0002	
5/23/2017	<0.0002	
9/25/2017	<0.0002	
3/14/2018	<0.0002	
9/11/2018	<0.0002	
3/12/2019	<0.0002	
9/9/2019	<0.0002	
3/6/2020	<0.0002	
9/9/2020	<0.0002	
2/26/2021	<0.0002	
7/29/2021	<0.0002	
1/28/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	3.5E-05 (J)	
10/4/2014	<0.0002	
10/21/2014	5.35E-05 (J)	
11/11/2014	4.64E-05 (J)	
3/3/2015	<0.0002	
3/18/2015	<0.0002	
4/7/2015	<0.0002	
4/23/2015	<0.0002	
7/29/2015	<0.0002	
3/7/2016	<0.0002	
5/5/2016	<0.0002	
7/13/2016	<0.0002	
9/12/2016	<0.0002	
11/1/2016	<0.0002	
1/11/2017	<0.0002	
3/20/2017	<0.0002	
5/22/2017	<0.0002	
9/21/2017	<0.0002	
3/14/2018	<0.0002	
9/7/2018	<0.0002	
3/12/2019	<0.0002	
9/6/2019	<0.0002	
3/5/2020	<0.0002	
9/9/2020	<0.0002	
2/26/2021	<0.0002	
7/29/2021	<0.0002	
1/27/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	4.15E-05 (J)	
10/4/2014	<0.0002	
10/21/2014	5.89E-05 (J)	
11/5/2014	7.28E-05 (J)	
3/3/2015	<0.0002	
3/19/2015	<0.0002	
4/7/2015	<0.0002	
4/24/2015	<0.0002	
7/29/2015	<0.0002	
3/7/2016	<0.0002	
5/9/2016	<0.0002	
7/14/2016	<0.0002	
9/12/2016	<0.0002	
10/31/2016	<0.0002	
1/11/2017	<0.0002	
3/21/2017	<0.0002	
5/22/2017	<0.0002	
9/20/2017	<0.0002	
3/14/2018	<0.0002	
9/10/2018	<0.0002	
3/12/2019	<0.0002	
9/9/2019	<0.0002	
3/4/2020	<0.0002	
9/9/2020	<0.0002	
2/26/2021	<0.0002	
8/5/2021	9.4E-05 (J)	
1/27/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	5.34E-05 (J)	
10/5/2014	<0.0002	
10/22/2014	4.88E-05 (J)	
11/5/2014	2.85E-05 (J)	
3/4/2015	<0.0002	
3/19/2015	<0.0002	
4/7/2015	<0.0002	
4/24/2015	<0.0002	
7/30/2015	<0.0002	
3/8/2016	<0.0002	
5/9/2016	<0.0002	
7/14/2016	<0.0002	
9/12/2016	<0.0002	
10/31/2016	<0.0002	
1/12/2017	<0.0002	
3/22/2017	<0.0002	
5/22/2017	<0.0002	
9/19/2017	<0.0002	
3/14/2018	<0.0002	
9/10/2018	<0.0002	
3/12/2019	<0.0002	
9/6/2019	<0.0002 (D)	
3/5/2020	<0.0002	
9/4/2020	<0.0002	
3/9/2021	<0.0002	
8/2/2021	<0.0002	
1/27/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.0002	
10/5/2014	<0.0002	
10/22/2014	2.57E-05 (J)	
11/5/2014	<0.0002	
3/4/2015	<0.0002	
3/19/2015	<0.0002	
4/8/2015	<0.0002	
4/24/2015	<0.0002	
7/30/2015	<0.0002	
3/8/2016	<0.0002	
5/9/2016	<0.0002	
7/15/2016	<0.0002	
9/9/2016	<0.0002	
10/27/2016	<0.0002	
1/12/2017	<0.0002	
3/21/2017	<0.0002	
5/23/2017	<0.0002	
9/19/2017	<0.0002	
3/14/2018	<0.0002	
9/10/2018	<0.0002	
3/11/2019	<0.0002	
9/6/2019	<0.0002	
3/3/2020	<0.0002	
9/8/2020	<0.0002	
3/9/2021	<0.0002	
8/2/2021	<0.0002	
1/28/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	2.54E-05 (J)	
10/5/2014	<0.0002	
10/22/2014	2.83E-05 (J)	
11/5/2014	0.0002	
3/4/2015	<0.0002	
3/19/2015	<0.0002	
4/8/2015	<0.0002	
4/24/2015	<0.0002	
7/30/2015	<0.0002	
3/7/2016	<0.0002	
5/5/2016	<0.0002	
7/14/2016	<0.0002	
9/12/2016	<0.0002	
10/27/2016	<0.0002	
1/13/2017	<0.0002	
3/20/2017	<0.0002	
5/23/2017	<0.0002	
9/19/2017	<0.0002	
3/13/2018	<0.0002	
9/7/2018	<0.0002	
3/11/2019	<0.0002	
9/5/2019	<0.0002	
3/3/2020	<0.0002	
9/8/2020	<0.0002	
3/9/2021	<0.0002	
8/2/2021	<0.0002	
1/27/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App 1

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	2.82E-05 (J)	
10/5/2014	<0.0002	
10/22/2014	<0.0002	
11/5/2014	4.83E-05 (J)	
3/4/2015	<0.0002	
3/20/2015	<0.0002	
4/8/2015	<0.0002	
4/23/2015	<0.0002	
7/30/2015	<0.0002	
3/9/2016	<0.0002	
5/6/2016	<0.0002	
7/15/2016	<0.0002	
9/14/2016	<0.0002	
11/1/2016	<0.0002	
1/25/2017	<0.0002	
3/22/2017	<0.0002	
5/24/2017	<0.0002	
9/21/2017	<0.0002	
3/14/2018	<0.0002	
9/11/2018	<0.0002	
3/12/2019	<0.0002	
9/6/2019	<0.0002	
3/5/2020	<0.0002	
9/9/2020	<0.0002	
3/10/2021	<0.0002	
7/30/2021	<0.0002	
1/28/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	2.81E-05 (J)	
10/4/2014	<0.0002	
10/23/2014	<0.0002	
11/10/2014	5.15E-05 (J)	
3/4/2015	<0.0002	
3/20/2015	<0.0002	
4/8/2015	<0.0002	
4/23/2015	<0.0002	
7/30/2015	<0.0002	
3/4/2016	<0.0002	
5/5/2016	<0.0002	
7/12/2016	<0.0002	
9/13/2016	<0.0002	
10/27/2016	<0.0002	
1/13/2017	<0.0002	
3/20/2017	<0.0002	
5/19/2017	<0.0002	
9/19/2017	<0.0002	
3/13/2018	<0.0002	
9/11/2018	<0.0002	
3/8/2019	<0.0002	
9/5/2019	<0.0002 (D)	
3/3/2020	<0.0002	
9/9/2020	<0.0002	
3/9/2021	<0.0002	
7/29/2021	<0.0002	
1/28/2022		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	3.13E-05 (J)	
10/4/2014	<0.0002	
10/23/2014	4.6E-05 (J)	
11/10/2014	2.5E-05 (J)	
3/4/2015	<0.0002	
3/20/2015	<0.0002	
4/9/2015	<0.0002	
4/23/2015	<0.0002	
7/30/2015	<0.0002	
3/8/2016	<0.0002	
5/4/2016	<0.0002	
7/18/2016	<0.0002	
9/13/2016	<0.0002	
10/27/2016	<0.0002	
1/13/2017	<0.0002	
3/16/2017	<0.0002	
5/19/2017	<0.0002	
9/19/2017	<0.0002	
3/13/2018	<0.0002	
9/11/2018	<0.0002	
3/8/2019	<0.0002	
9/5/2019	<0.0002	
3/3/2020	<0.0002	
9/4/2020	<0.0002	
3/9/2021	<0.0002	
8/2/2021	<0.0002	
1/27/2022		<0.0002

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.005
10/3/2014	<0.005
10/20/2014	<0.005
11/10/2014	<0.005
3/2/2015	<0.005
3/17/2015	<0.005
4/5/2015	<0.005
4/21/2015	0.0014 (J)
7/28/2015	<0.005
3/1/2016	<0.005
7/7/2016	<0.005
3/15/2017	0.0142
9/15/2017	0.0005 (J)
3/12/2018	<0.005
9/6/2018	<0.005
3/6/2019	<0.005
9/4/2019	0.00041 (J)
3/2/2020	0.00071 (J)
9/3/2020	<0.005
2/24/2021	<0.005
8/6/2021	<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.01	
10/3/2014	<0.005	
10/20/2014	0.0043	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	0.0016 (J)	
4/21/2015	0.0033	
7/28/2015	0.0032	
3/1/2016	<0.005	
7/6/2016	0.0007 (J)	
3/14/2017	0.0007 (J)	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00051 (J)	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	0.0017 (J)	
1/26/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	0.018	
10/3/2014	0.022	
10/20/2014	0.022	
11/10/2014	0.018	
3/2/2015	0.016	
3/17/2015	0.015	
4/5/2015	0.016	
4/22/2015	0.016	
7/28/2015	0.018	
3/1/2016	0.0138	
7/8/2016	0.014	
3/14/2017	0.0087 (J)	
9/15/2017	0.0053 (J)	
3/12/2018	0.0054 (J)	
9/6/2018	0.0069 (J)	
3/6/2019	<0.01	
9/4/2019	0.0059 (J)	
3/2/2020	0.0079 (J)	
9/3/2020	0.0096 (J)	
2/24/2021	0.01	
7/28/2021	0.019	
1/26/2022		0.016

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	0.0028	
10/3/2014	0.0036	
10/20/2014	0.0025	
11/10/2014	0.0026	
3/2/2015	0.017	
3/17/2015	0.0057	
4/6/2015	0.0022 (J)	
4/22/2015	0.0015 (J)	
7/28/2015	0.0015 (J)	
3/2/2016	<0.01	
7/7/2016	0.0014 (J)	
3/23/2017	<0.01	
9/19/2017	0.0011 (J)	
3/13/2018	<0.01	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/4/2019	0.000825 (JD)	
3/2/2020	0.001 (J)	
9/3/2020	0.00089 (J)	
2/24/2021	0.00091 (J)	
7/28/2021	0.00096 (J)	
1/25/2022		0.00093 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.005	
5/17/2015	0.0016 (J)	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
7/7/2016	0.0008 (JD)	
3/15/2017	<0.005 (D)	
9/19/2017	<0.005 (D)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/4/2019	<0.005	
3/3/2020	<0.005	
9/9/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
2/29/2016	<0.005	
7/8/2016	<0.005	
3/15/2017	0.0005 (J)	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/17/2015	<0.005	
6/24/2015	0.0034	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/8/2016	<0.005	
3/16/2017	0.0005 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/11/2016	<0.005	
3/16/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/9/2015	0.0015 (J)	
6/17/2015	0.0013 (J)	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/8/2016	<0.005	
3/15/2017	0.0005 (J)	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/8/2020	<0.005	
2/25/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/2/2016	<0.005	
7/11/2016	<0.005	
3/16/2017	0.0008 (J)	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00061 (J)	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.005	
5/18/2015	0.0018 (J)	
5/26/2015	<0.005	
6/9/2015	0.0022 (J)	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	0.0016 (J)	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
7/11/2016	0.0007 (J)	
3/16/2017	0.0015 (J)	
9/18/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.005	
5/19/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
7/11/2016	0.0006 (J)	
3/15/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.03	
10/4/2014	0.029	
10/21/2014	0.026	
11/11/2014	0.023	
3/3/2015	0.02	
3/18/2015	0.019	
4/6/2015	0.02	
4/23/2015	0.019	
7/29/2015	0.018	
3/3/2016	0.0111 (D)	
7/13/2016	0.0133	
3/20/2017	0.0111	
9/21/2017	0.0092 (J)	
3/14/2018	0.0094 (J)	
9/7/2018	0.0086 (J)	
3/11/2019	<0.01	
9/9/2019	0.0066 (J)	
3/4/2020	0.0032 (J)	
9/9/2020	0.0067 (J)	
3/9/2021	0.0053	
7/30/2021	0.0073	
1/28/2022		0.0063

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	0.0016 (J)	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	0.0014 (J)	
4/23/2015	<0.005	
7/29/2015	0.0015 (J)	
3/7/2016	<0.005	
7/13/2016	0.0007 (J)	
3/23/2017	<0.005	
9/25/2017	0.0015 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/6/2020	0.0005 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:03 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/14/2016	<0.005	
3/21/2017	<0.005	
9/20/2017	0.0006 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	0.00071 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
8/5/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	0.0013 (J)	
11/5/2014	0.0013 (J)	
3/4/2015	<0.01	
3/19/2015	<0.01	
4/8/2015	0.0014 (J)	
4/24/2015	0.0014 (J)	
7/30/2015	<0.01	
3/8/2016	0.0261 (o)	
7/15/2016	0.0021 (J)	
3/21/2017	<0.01	
9/19/2017	0.0012 (J)	
3/14/2018	0.0014 (J)	
9/10/2018	0.002 (J)	
3/11/2019	<0.01	
9/6/2019	0.0028 (J)	
3/3/2020	0.00099 (J)	
9/8/2020	0.0014 (J)	
3/9/2021	0.00075 (J)	
8/2/2021	0.0015 (J)	
1/28/2022		0.0014 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
7/14/2016	<0.005	
3/20/2017	<0.005	
9/19/2017	0.0011 (J)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/5/2019	0.0011 (J)	
3/3/2020	0.001 (J)	
9/8/2020	0.00083 (J)	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022		0.00076 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
7/15/2016	<0.005	
3/22/2017	<0.005	
9/21/2017	0.0012 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00086 (J)	
3/5/2020	0.00075 (J)	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/4/2016	<0.005	
7/12/2016	<0.005	
3/20/2017	0.0003 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005 (D)	
3/3/2020	<0.005	
9/9/2020	<0.005	
3/9/2021	<0.005	
7/29/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
7/18/2016	<0.005	
3/16/2017	0.0012 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.005
10/3/2014	<0.005
10/20/2014	<0.005
11/10/2014	<0.005
3/2/2015	<0.005
3/17/2015	<0.005
4/5/2015	<0.005
4/21/2015	<0.005
7/28/2015	<0.005
3/1/2016	<0.005
5/2/2016	<0.005
7/7/2016	<0.005
9/7/2016	<0.005
10/25/2016	<0.005
1/5/2017	<0.005
3/15/2017	<0.005
5/17/2017	<0.005
9/15/2017	<0.005
3/12/2018	<0.005
9/6/2018	<0.005
3/6/2019	<0.005
9/4/2019	<0.005
3/2/2020	<0.005
9/3/2020	<0.005
2/24/2021	<0.005
8/6/2021	<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
5/2/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/5/2017	<0.005	
3/14/2017	<0.005	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	<0.005	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/6/2017	<0.005	
3/14/2017	<0.005	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/6/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/6/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/25/2016	<0.005	
2/9/2017	<0.005	
3/23/2017	<0.005	
5/17/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005 (D)	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
5/4/2016	0.00982 (JD)	
7/7/2016	0.01 (D)	
9/8/2016	0.0046 (JD)	
10/26/2016	0.0071 (JD)	
1/6/2017	0.0099 (JD)	
3/15/2017	0.0056 (JD)	
5/18/2017	0.0064 (JD)	
7/19/2017	<0.005 (D)	
9/19/2017	0.0029 (JD)	
3/13/2018	0.005 (J)	
9/7/2018	0.01	
3/8/2019	0.0052 (J)	
9/4/2019	0.01	
3/3/2020	0.0053 (J)	
9/9/2020	0.0059 (J)	
2/25/2021	0.0099	
7/28/2021	0.0073	
1/26/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
2/29/2016	<0.005	
5/4/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/6/2017	<0.005	
3/15/2017	<0.005	
5/17/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/17/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	<0.005	
5/19/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	<0.005	
9/7/2016	<0.005	
10/27/2016	<0.005	
1/6/2017	<0.005	
3/16/2017	<0.005	
5/19/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
5/4/2016	<0.005	
7/8/2016	<0.005	
9/8/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	<0.005	
3/15/2017	<0.005	
5/18/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/8/2020	<0.005	
2/25/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.01	
5/18/2015	<0.01	
5/26/2015	<0.01	
6/9/2015	<0.01	
6/17/2015	<0.01	
6/25/2015	<0.01	
7/1/2015	<0.01	
7/7/2015	<0.01	
8/13/2015	<0.01	
3/2/2016	0.00234 (J)	
5/3/2016	0.00241 (J)	
7/11/2016	<0.01	
9/9/2016	<0.01	
10/26/2016	<0.01	
1/9/2017	<0.01	
3/16/2017	<0.01	
5/18/2017	<0.01	
9/15/2017	<0.01	
3/12/2018	0.0018 (J)	
9/7/2018	<0.01	
3/8/2019	0.0026 (J)	
9/5/2019	<0.01	
3/3/2020	0.0025 (J)	
9/4/2020	<0.01	
2/25/2021	0.0018 (J)	
7/28/2021	0.0022 (J)	
1/26/2022		0.0025 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
5/3/2016	<0.005	
7/11/2016	0.0011 (J)	
9/9/2016	0.001 (J)	
10/27/2016	<0.005	
1/9/2017	<0.005	
3/16/2017	<0.005	
5/18/2017	<0.005	
9/18/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	0.0016 (J)	
9/5/2019	<0.005	
3/4/2020	0.0018 (J)	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/27/2022		0.0016 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.005	
5/19/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
5/9/2016	<0.005	
7/11/2016	<0.005	
9/9/2016	<0.005	
10/26/2016	<0.005	
1/9/2017	0.0011 (J)	
3/15/2017	<0.005	
5/18/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLS App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
5/6/2016	<0.005	
7/15/2016	<0.005	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/25/2017	<0.005	
3/22/2017	<0.005	
5/24/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	0.0017 (J)	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.005
10/3/2014	<0.005
10/20/2014	<0.005
11/10/2014	<0.005
3/2/2015	<0.005
3/17/2015	<0.005
4/5/2015	<0.005
4/21/2015	<0.005
7/28/2015	<0.005
3/1/2016	<0.005
7/7/2016	<0.005
3/15/2017	<0.005
9/15/2017	<0.005
3/12/2018	<0.005
9/6/2018	<0.005
3/6/2019	<0.005
9/4/2019	<0.005
3/2/2020	<0.005
9/3/2020	<0.005
2/24/2021	<0.005
8/6/2021	<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
7/6/2016	<0.005	
3/14/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
7/8/2016	<0.005	
3/14/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/6/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	0.00051 (J)	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/6/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/2/2016	<0.005	
7/7/2016	<0.005	
3/23/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005 (D)	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
7/7/2016	<0.005 (D)	
3/15/2017	<0.005 (D)	
9/19/2017	<0.005 (D)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/4/2019	<0.005	
3/3/2020	<0.005	
9/9/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
2/29/2016	<0.005	
7/8/2016	<0.005	
3/15/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/17/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/8/2016	<0.005	
3/16/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.005	
5/17/2015	<0.005	
5/25/2015	<0.005	
6/8/2015	<0.005	
6/18/2015	<0.005	
6/24/2015	<0.005	
6/30/2015	<0.005	
7/6/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/11/2016	<0.005	
3/16/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/8/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.005	
5/18/2015	<0.005	
5/25/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/12/2015	<0.005	
3/2/2016	<0.005	
7/8/2016	<0.005	
3/15/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/8/2020	<0.005	
2/25/2021	<0.005	
7/27/2021	<0.005	
1/25/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/2/2016	<0.005	
7/11/2016	<0.005	
3/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.005	
5/18/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
7/11/2016	<0.005	
3/16/2017	<0.005	
9/18/2017	<0.005	
3/12/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/5/2019	<0.005	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.005	
5/19/2015	<0.005	
5/26/2015	<0.005	
6/9/2015	<0.005	
6/17/2015	<0.005	
6/25/2015	<0.005	
7/1/2015	<0.005	
7/7/2015	<0.005	
8/13/2015	<0.005	
3/3/2016	<0.005	
7/11/2016	<0.005	
3/15/2017	<0.005	
9/15/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/4/2020	<0.005	
9/4/2020	<0.005	
2/25/2021	<0.005	
7/28/2021	<0.005	
1/26/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/6/2015	0.0013 (J)	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/3/2016	<0.005 (D)	
7/13/2016	<0.005	
3/20/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	<0.005	
9/9/2020	<0.005	
3/9/2021	<0.005	
7/30/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	0.0007 (J)	
3/3/2015	0.00052 (J)	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/4/2016	<0.005	
7/14/2016	<0.005	
3/21/2017	<0.005	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/10/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	0.00058 (J)	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/13/2016	<0.005	
3/20/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/27/2022		<0.005

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.001
10/3/2014	<0.001
10/20/2014	<0.001
11/10/2014	<0.001
3/2/2015	<0.001
3/17/2015	<0.001
4/5/2015	<0.001
4/21/2015	<0.001
7/28/2015	<0.001
3/1/2016	<0.001
5/2/2016	<0.001
7/7/2016	9E-05 (J)
9/7/2016	<0.001
10/25/2016	<0.001
1/5/2017	<0.001
3/15/2017	4E-05 (J)
5/17/2017	<0.001
9/15/2017	<0.001
3/12/2018	<0.001
9/6/2018	<0.001
3/6/2019	<0.001
9/4/2019	<0.001
3/2/2020	<0.001
9/3/2020	<0.001
2/24/2021	<0.001
8/6/2021	<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	<0.001	
3/17/2015	0.0001 (J)	
4/5/2015	7E-05 (J)	
4/21/2015	<0.001	
7/28/2015	<0.001	
3/1/2016	<0.001	
5/2/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/25/2016	<0.001	
1/5/2017	<0.001	
3/14/2017	<0.001	
5/16/2017	<0.001	
9/15/2017	<0.001	
3/12/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	<0.001	
9/14/2020	<0.001	
3/26/2021	<0.001	
7/27/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.001	
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	<0.001	
3/17/2015	<0.001	
4/5/2015	<0.001	
4/22/2015	<0.001	
7/28/2015	<0.001	
3/1/2016	<0.001	
5/3/2016	<0.001	
7/8/2016	<0.001	
9/7/2016	<0.001	
10/25/2016	<0.001	
1/6/2017	<0.001	
3/14/2017	<0.001	
5/16/2017	<0.001	
9/15/2017	<0.001	
3/12/2018	<0.001	
9/6/2018	<0.001	
3/6/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	<0.001	
9/3/2020	<0.001	
2/24/2021	<0.001	
7/28/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	<0.001	
10/6/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	<0.001	
3/17/2015	<0.001	
4/6/2015	<0.001	
4/22/2015	<0.001	
7/28/2015	<0.001	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/25/2016	<0.001	
2/9/2017	<0.001	
3/23/2017	<0.001	
5/17/2017	<0.001	
9/19/2017	<0.001	
3/13/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001 (D)	
3/2/2020	<0.001	
9/3/2020	<0.001	
2/24/2021	<0.001	
7/28/2021	<0.001	
1/25/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/13/2015	0.0003 (J)	
5/20/2015	9E-05 (J)	
5/27/2015	<0.001	
6/8/2015	<0.001	
6/18/2015	<0.001	
6/24/2015	<0.001	
6/30/2015	6E-05 (J)	
7/6/2015	<0.001	
8/12/2015	<0.001	
5/4/2016	<0.001 (D)	
7/7/2016	<0.001 (D)	
9/8/2016	<0.001 (D)	
10/26/2016	<0.001 (D)	
1/6/2017	<0.001 (D)	
3/15/2017	4E-05 (JD)	
5/18/2017	6E-05 (JD)	
7/19/2017	<0.001 (D)	
9/19/2017	6E-05 (JD)	
3/13/2018	<0.001	
9/7/2018	<0.001	
3/8/2019	<0.001	
9/4/2019	0.00014 (J)	
3/3/2020	0.00012 (J)	
9/9/2020	<0.001	
2/25/2021	<0.001	
7/28/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/13/2015	<0.001	
5/20/2015	6E-05 (J)	
5/27/2015	<0.001	
6/8/2015	<0.001	
6/18/2015	<0.001	
6/24/2015	<0.001	
6/30/2015	<0.001	
7/6/2015	<0.001	
8/12/2015	<0.001	
2/29/2016	<0.001	
5/4/2016	<0.001	
7/8/2016	0.0002 (J)	
9/8/2016	<0.001	
10/26/2016	<0.001	
1/6/2017	<0.001	
3/15/2017	4E-05 (J)	
5/17/2017	<0.001	
9/15/2017	<0.001	
3/13/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	<0.001	
9/3/2020	<0.001	
2/24/2021	<0.001	
7/27/2021	<0.001	
1/25/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/13/2015	0.0002 (J)	
5/20/2015	0.0002 (J)	
5/27/2015	0.0002 (J)	
6/8/2015	9E-05 (J)	
6/17/2015	7E-05 (J)	
6/24/2015	<0.001	
6/30/2015	9E-05 (J)	
7/6/2015	<0.001	
8/12/2015	7E-05 (J)	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/8/2016	6E-05 (J)	
9/8/2016	<0.001	
10/26/2016	<0.001	
1/9/2017	<0.001	
3/16/2017	4E-05 (J)	
5/19/2017	<0.001	
9/19/2017	<0.001	
3/13/2018	<0.001	
9/11/2018	<0.001	
3/8/2019	<0.001	
9/5/2019	<0.001	
3/4/2020	<0.001	
9/8/2020	<0.001	
2/26/2021	<0.001	
7/29/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/13/2015	<0.001	
5/20/2015	<0.001	
5/27/2015	<0.001	
6/8/2015	<0.001 (D)	
6/24/2015	<0.001	
6/30/2015	<0.001	
7/6/2015	<0.001	
8/12/2015	<0.001	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/11/2016	<0.001	
9/7/2016	<0.001	
10/27/2016	<0.001	
1/6/2017	<0.001	
3/16/2017	<0.001	
5/19/2017	<0.001	
9/19/2017	<0.001	
3/13/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/5/2019	<0.001	
3/4/2020	<0.001	
9/8/2020	<0.001	
2/26/2021	<0.001	
7/29/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/13/2015	0.0002 (J)	
5/20/2015	0.0002 (J)	
5/27/2015	0.0002 (J)	
6/9/2015	0.0001 (J)	
6/17/2015	0.0001 (J)	
6/25/2015	0.0001 (J)	
7/1/2015	0.0001 (J)	
7/7/2015	9E-05 (J)	
8/12/2015	7E-05 (J)	
3/2/2016	<0.001	
5/4/2016	<0.001	
7/8/2016	<0.001	
9/8/2016	<0.001	
10/26/2016	<0.001	
1/9/2017	<0.001	
3/15/2017	4E-05 (J)	
5/18/2017	<0.001	
9/15/2017	<0.001	
3/13/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/5/2019	<0.001	
3/3/2020	7.9E-05 (J)	
9/8/2020	<0.001	
2/25/2021	<0.001	
7/27/2021	<0.001	
1/25/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/13/2015	<0.001	
5/20/2015	<0.001	
5/27/2015	<0.001	
6/9/2015	<0.001	
6/17/2015	8E-05 (J)	
6/25/2015	7E-05 (J)	
7/1/2015	<0.001	
7/7/2015	0.0001 (J)	
8/13/2015	8E-05 (J)	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/11/2016	<0.001	
9/9/2016	<0.001	
10/26/2016	<0.001	
1/9/2017	<0.001	
3/16/2017	0.0001 (J)	
5/18/2017	0.0001 (J)	
9/15/2017	0.0001 (J)	
3/12/2018	<0.001	
9/7/2018	<0.001	
3/8/2019	<0.001	
9/5/2019	0.00011 (J)	
3/3/2020	6.5E-05 (J)	
9/4/2020	<0.001	
2/25/2021	<0.001	
7/28/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/13/2015	<0.001	
5/20/2015	<0.001	
5/27/2015	<0.001	
6/9/2015	<0.001	
6/17/2015	<0.001	
6/24/2015	<0.001	
7/1/2015	<0.001	
7/7/2015	<0.001	
8/13/2015	<0.001	
3/3/2016	<0.001	
5/3/2016	<0.001	
7/11/2016	<0.001	
9/9/2016	<0.001	
10/27/2016	<0.001	
1/9/2017	<0.001	
3/16/2017	5E-05 (J)	
5/18/2017	<0.001	
9/18/2017	<0.001	
3/12/2018	<0.001	
9/7/2018	<0.001	
3/7/2019	<0.001	
9/5/2019	<0.001	
3/4/2020	<0.001	
9/4/2020	<0.001	
2/25/2021	<0.001	
7/28/2021	<0.001	
1/27/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/13/2015	<0.001	
5/20/2015	<0.001	
5/27/2015	<0.001	
6/9/2015	<0.001	
6/17/2015	<0.001	
6/25/2015	<0.001	
7/1/2015	<0.001	
7/7/2015	<0.001	
8/13/2015	<0.001	
3/3/2016	<0.001	
5/9/2016	<0.001	
7/11/2016	<0.001	
9/9/2016	<0.001	
10/26/2016	<0.001	
1/9/2017	<0.001	
3/15/2017	<0.001	
5/18/2017	<0.001	
9/15/2017	<0.001	
3/13/2018	<0.001	
9/7/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/4/2020	<0.001	
9/4/2020	<0.001	
2/25/2021	<0.001	
7/28/2021	<0.001	
1/26/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0004 (J)	
10/4/2014	0.0004 (J)	
10/21/2014	0.0004 (J)	
11/11/2014	0.0005 (J)	
3/3/2015	0.0004 (J)	
3/18/2015	0.0005 (J)	
4/6/2015	0.0004 (J)	
4/23/2015	0.0004 (J)	
7/29/2015	0.0003 (J)	
3/3/2016	0.002222 (D)	
5/10/2016	<0.001	
7/13/2016	<0.001	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/11/2017	0.0003 (J)	
3/20/2017	0.0003 (J)	
5/23/2017	0.0003 (J)	
9/21/2017	0.0002 (J)	
3/14/2018	0.00018 (J)	
9/7/2018	0.00016 (J)	
3/11/2019	0.00026 (J)	
9/9/2019	6E-05 (J)	
3/4/2020	0.00014 (J)	
9/9/2020	<0.001	
3/9/2021	<0.001	
7/30/2021	<0.001	
1/28/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	0.0002 (J)	
10/4/2014	0.0002 (J)	
10/21/2014	0.0002 (J)	
11/5/2014	0.0003 (J)	
3/3/2015	0.0002 (J)	
3/18/2015	0.0002 (J)	
4/7/2015	0.0002 (J)	
4/23/2015	0.0002 (J)	
7/29/2015	0.0002 (J)	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/13/2016	<0.001	
9/13/2016	<0.001	
10/31/2016	<0.001	
1/12/2017	<0.001	
3/23/2017	0.0001 (J)	
5/23/2017	0.0001 (J)	
9/25/2017	0.0001 (J)	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/9/2019	<0.001	
3/6/2020	7.6E-05 (J)	
9/9/2020	<0.001	
2/26/2021	<0.001	
7/29/2021	<0.001	
1/28/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	0.0001 (J)	
10/5/2014	0.0001 (J)	
10/22/2014	0.0001 (J)	
11/5/2014	0.0002 (J)	
3/4/2015	0.0001 (J)	
3/19/2015	0.0001 (J)	
4/7/2015	0.0001 (J)	
4/24/2015	0.0001 (J)	
7/30/2015	<0.001	
3/8/2016	<0.001	
5/9/2016	<0.001	
7/14/2016	<0.001	
9/12/2016	<0.001	
10/31/2016	<0.001	
1/12/2017	<0.001	
3/22/2017	4E-05 (J)	
5/22/2017	5E-05 (J)	
9/19/2017	6E-05 (J)	
3/14/2018	<0.001	
9/10/2018	<0.001	
3/12/2019	<0.001	
9/6/2019	<0.001 (D)	
3/5/2020	<0.001	
9/4/2020	<0.001	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/27/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	0.0002 (J)	
10/5/2014	0.0002 (J)	
10/22/2014	0.0002 (J)	
11/5/2014	0.0002 (J)	
3/4/2015	0.0002 (J)	
3/19/2015	0.0002 (J)	
4/8/2015	0.0002 (J)	
4/24/2015	0.0002 (J)	
7/30/2015	0.0001 (J)	
3/8/2016	<0.001	
5/9/2016	0.000353 (J)	
7/15/2016	<0.001	
9/9/2016	<0.001	
10/27/2016	<0.001	
1/12/2017	<0.001	
3/21/2017	<0.001	
5/23/2017	0.0002 (J)	
9/19/2017	0.0002 (J)	
3/14/2018	<0.001	
9/10/2018	<0.001	
3/11/2019	<0.001	
9/6/2019	0.0002 (J)	
3/3/2020	7.1E-05 (J)	
9/8/2020	<0.001	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/28/2022		0.00021 (J)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.001	
10/5/2014	0.0001 (J)	
10/22/2014	<0.001	
11/5/2014	0.0001 (J)	
3/4/2015	0.0001 (J)	
3/19/2015	0.0001 (J)	
4/8/2015	0.0001 (J)	
4/24/2015	0.0001 (J)	
7/30/2015	0.0001 (J)	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/14/2016	<0.001	
9/12/2016	<0.001	
10/27/2016	<0.001	
1/13/2017	<0.001	
3/20/2017	<0.001	
5/23/2017	0.0001 (J)	
9/19/2017	8E-05 (J)	
3/13/2018	0.00017 (J)	
9/7/2018	<0.001	
3/11/2019	0.00015 (J)	
9/5/2019	5.5E-05 (J)	
3/3/2020	7.2E-05 (J)	
9/8/2020	0.00016 (J)	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/27/2022		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	0.0002 (J)	
10/5/2014	0.0003 (J)	
10/22/2014	0.0002 (J)	
3/4/2015	0.0002 (J)	
3/20/2015	0.0002 (J)	
4/8/2015	0.0002 (J)	
4/23/2015	0.0002 (J)	
7/30/2015	0.0001 (J)	
3/9/2016	0.0033 (Jo)	
5/6/2016	<0.001	
7/15/2016	<0.001	
9/14/2016	0.0002 (J)	
11/1/2016	<0.001	
1/25/2017	<0.001	
3/22/2017	0.0001 (J)	
5/24/2017	0.0001 (J)	
9/21/2017	0.0002 (J)	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/6/2019	0.0003 (J)	
3/5/2020	0.00018 (J)	
9/9/2020	0.00016 (J)	
3/10/2021	<0.001	
7/30/2021	0.00023 (J)	
1/28/2022		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	<0.01
10/3/2014	<0.01
10/20/2014	<0.01
11/10/2014	<0.01
3/2/2015	<0.01
3/17/2015	<0.01
4/5/2015	<0.01
4/21/2015	<0.01
7/28/2015	<0.01
3/1/2016	<0.01
7/7/2016	<0.01
3/15/2017	<0.01
9/15/2017	<0.01
3/12/2018	<0.01
9/6/2018	<0.01
3/6/2019	<0.01
9/4/2019	<0.01
3/2/2020	<0.01
9/3/2020	<0.01
2/24/2021	<0.01
8/6/2021	<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.0073	
10/3/2014	<0.01	
10/20/2014	0.0045 (J)	
11/10/2014	<0.01	
3/2/2015	<0.01	
3/17/2015	<0.01	
4/5/2015	0.0014 (J)	
4/21/2015	0.0029 (J)	
7/28/2015	0.0031 (J)	
3/1/2016	<0.01	
7/6/2016	<0.01	
3/14/2017	<0.01	
9/15/2017	<0.01	
3/12/2018	<0.01	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/4/2019	<0.01	
3/2/2020	<0.01	
9/14/2020	<0.01	
3/26/2021	<0.01	
7/27/2021	<0.01	
1/26/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	<0.01	
10/3/2014	<0.01	
10/20/2014	<0.01	
11/10/2014	<0.01	
3/2/2015	<0.01	
3/17/2015	<0.01	
4/5/2015	<0.01	
4/22/2015	<0.01	
7/28/2015	<0.01	
3/1/2016	<0.01	
7/8/2016	0.0028 (J)	
3/14/2017	<0.01	
9/15/2017	<0.01	
3/12/2018	<0.01	
9/6/2018	<0.01	
3/6/2019	<0.01	
9/4/2019	0.00073 (J)	
3/2/2020	0.00074 (J)	
9/3/2020	<0.01	
2/24/2021	<0.01	
7/28/2021	<0.01	
1/26/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	0.00085 (J)	
10/3/2014	0.00096 (J)	
10/20/2014	<0.01	
11/10/2014	0.00095 (J)	
3/2/2015	0.0041 (J)	
3/17/2015	0.0018 (J)	
4/6/2015	<0.01	
4/22/2015	<0.01	
7/28/2015	<0.01	
3/2/2016	<0.01	
7/7/2016	<0.01	
3/23/2017	<0.01	
9/19/2017	<0.01	
3/13/2018	<0.01	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/4/2019	0.00538 (D)	
3/2/2020	0.0014 (J)	
9/3/2020	<0.01	
2/24/2021	<0.01	
7/28/2021	<0.01	
1/25/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	<0.01	
5/17/2015	0.0044 (J)	
5/25/2015	0.0025 (J)	
6/8/2015	0.0042 (J)	
6/18/2015	0.0056	
6/24/2015	0.016	
6/30/2015	0.013	
7/6/2015	0.012	
8/12/2015	0.0279 (o)	
7/7/2016	<0.01 (D)	
3/15/2017	<0.01 (D)	
9/19/2017	<0.01 (D)	
3/13/2018	<0.01	
9/7/2018	<0.01	
3/8/2019	<0.01	
9/4/2019	<0.01	
3/3/2020	0.00091 (J)	
9/9/2020	<0.01	
2/25/2021	<0.01	
7/28/2021	<0.01	
1/26/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.01	
5/17/2015	<0.01	
5/25/2015	<0.01	
6/8/2015	0.0012 (J)	
6/18/2015	<0.01	
6/24/2015	<0.01	
6/30/2015	<0.01	
7/6/2015	0.0011 (J)	
8/12/2015	0.000519 (J)	
2/29/2016	<0.01	
7/8/2016	<0.01	
3/15/2017	<0.01	
9/15/2017	<0.01	
3/13/2018	<0.01	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/4/2019	<0.01	
3/2/2020	<0.01	
9/3/2020	<0.01	
2/24/2021	<0.01	
7/27/2021	<0.01	
1/25/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	<0.01	
5/18/2015	<0.01	
5/25/2015	<0.01	
6/8/2015	<0.01	
6/17/2015	<0.01	
6/24/2015	<0.01	
6/30/2015	<0.01	
7/6/2015	<0.01	
8/12/2015	0.000525 (J)	
3/2/2016	<0.01	
7/8/2016	<0.01	
3/16/2017	<0.01	
9/19/2017	<0.01	
3/13/2018	<0.01	
9/11/2018	<0.01	
3/8/2019	<0.01	
9/5/2019	<0.01	
3/4/2020	<0.01	
9/8/2020	<0.01	
2/26/2021	<0.01	
7/29/2021	<0.01	
1/26/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	<0.01	
5/17/2015	<0.01	
5/25/2015	<0.01	
6/8/2015	<0.01	
6/18/2015	<0.01	
6/24/2015	<0.01	
6/30/2015	<0.01	
7/6/2015	<0.01	
8/12/2015	0.000172 (J)	
3/2/2016	<0.01	
7/11/2016	<0.01	
3/16/2017	<0.01	
9/19/2017	<0.01	
3/13/2018	<0.01	
9/11/2018	<0.01	
3/12/2019	<0.01	
9/5/2019	<0.01	
3/4/2020	<0.01	
9/8/2020	<0.01	
2/26/2021	<0.01	
7/29/2021	<0.01	
1/26/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	0.0018 (J)	
5/18/2015	0.0014 (J)	
5/25/2015	<0.01	
6/9/2015	<0.01	
6/17/2015	0.0015 (J)	
6/25/2015	<0.01	
7/1/2015	<0.01	
7/7/2015	<0.01	
8/12/2015	0.000656 (J)	
3/2/2016	<0.01	
7/8/2016	<0.01	
3/15/2017	<0.01	
9/15/2017	<0.01	
3/13/2018	<0.01	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/5/2019	<0.01	
3/3/2020	<0.01	
9/8/2020	<0.01	
2/25/2021	<0.01	
7/27/2021	<0.01	
1/25/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.01	
5/18/2015	0.0014 (J)	
5/26/2015	<0.01	
6/9/2015	<0.01	
6/17/2015	<0.01	
6/25/2015	<0.01	
7/1/2015	<0.01	
7/7/2015	<0.01	
8/12/2015	0.000246 (J)	
3/2/2016	<0.01	
7/11/2016	<0.01	
3/16/2017	<0.01	
9/15/2017	<0.01	
3/12/2018	<0.01	
9/7/2018	<0.01	
3/8/2019	<0.01	
9/5/2019	<0.01	
3/3/2020	<0.01	
9/4/2020	<0.01	
2/25/2021	<0.01	
7/28/2021	<0.01	
1/26/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.01	
5/18/2015	0.0017 (J)	
5/26/2015	<0.01	
6/9/2015	0.0033 (J)	
6/17/2015	<0.01	
6/25/2015	<0.01	
7/1/2015	0.0031 (J)	
7/7/2015	<0.01	
8/12/2015	0.000187 (J)	
3/3/2016	<0.01	
7/11/2016	<0.01	
3/16/2017	<0.01	
9/18/2017	<0.01	
3/12/2018	<0.01	
9/7/2018	<0.01	
3/7/2019	<0.01	
9/5/2019	<0.01	
3/4/2020	<0.01	
9/4/2020	<0.01	
2/25/2021	<0.01	
7/28/2021	<0.01	
1/27/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.01	
5/19/2015	0.0015 (J)	
5/26/2015	<0.01	
6/9/2015	<0.01	
6/17/2015	<0.01	
6/25/2015	<0.01	
7/1/2015	<0.01	
7/7/2015	<0.01	
8/12/2015	0.000497 (J)	
3/3/2016	<0.01	
7/11/2016	<0.01	
3/15/2017	<0.01	
9/15/2017	<0.01	
3/13/2018	<0.01	
9/7/2018	<0.01	
3/7/2019	<0.01	
9/4/2019	<0.01	
3/4/2020	<0.01	
9/4/2020	<0.01	
2/25/2021	<0.01	
7/28/2021	<0.01	
1/26/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0019 (J)	
10/4/2014	0.005	
10/21/2014	0.00089 (J)	
11/11/2014	<0.01	
3/3/2015	0.00093 (J)	
3/18/2015	<0.01	
4/6/2015	<0.01	
4/23/2015	<0.01	
7/29/2015	<0.01	
3/3/2016	<0.01 (D)	
7/13/2016	0.0021 (J)	
3/20/2017	0.0019 (J)	
9/21/2017	<0.01	
3/14/2018	<0.01	
9/7/2018	<0.01	
3/11/2019	<0.01	
9/9/2019	0.00091 (J)	
3/4/2020	0.0023 (J)	
9/9/2020	<0.01	
3/9/2021	0.003 (J)	
7/30/2021	0.0022 (J)	
1/28/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.01	
10/4/2014	<0.01	
10/21/2014	<0.01	
11/11/2014	0.0012 (J)	
3/3/2015	<0.01	
3/18/2015	<0.01	
4/6/2015	<0.01	
4/23/2015	<0.01	
7/29/2015	<0.01	
3/4/2016	<0.01	
7/14/2016	<0.01	
3/21/2017	<0.01	
9/22/2017	<0.01	
3/14/2018	<0.01	
9/11/2018	<0.01	
3/12/2019	<0.01	
9/10/2019	<0.01	
3/5/2020	<0.01	
9/9/2020	<0.01	
3/10/2021	<0.01	
7/30/2021	<0.01	
1/28/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	<0.01	
10/4/2014	<0.01	
10/21/2014	<0.01	
11/5/2014	<0.01	
3/3/2015	<0.01	
3/18/2015	<0.01	
4/7/2015	<0.01	
4/23/2015	<0.01	
7/29/2015	<0.01	
3/7/2016	<0.01	
7/13/2016	<0.01	
3/23/2017	<0.01	
9/25/2017	<0.01	
3/14/2018	<0.01	
9/11/2018	<0.01	
3/12/2019	<0.01	
9/9/2019	0.00078 (J)	
3/6/2020	<0.01	
9/9/2020	<0.01	
2/26/2021	<0.01	
7/29/2021	<0.01	
1/28/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	0.001 (J)	
10/4/2014	<0.01	
10/21/2014	0.00084 (J)	
11/11/2014	<0.01	
3/3/2015	<0.01	
3/18/2015	<0.01	
4/7/2015	<0.01	
4/23/2015	<0.01	
7/29/2015	<0.01	
3/7/2016	<0.01	
7/13/2016	<0.01	
3/20/2017	<0.01	
9/21/2017	<0.01	
3/14/2018	<0.01	
9/7/2018	<0.01	
3/12/2019	<0.01	
9/6/2019	<0.01	
3/5/2020	<0.01	
9/9/2020	<0.01	
2/26/2021	<0.01	
7/29/2021	<0.01	
1/27/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.01	
10/4/2014	<0.01	
10/21/2014	<0.01	
11/5/2014	<0.01	
3/3/2015	<0.01	
3/19/2015	<0.01	
4/7/2015	<0.01	
4/24/2015	<0.01	
7/29/2015	<0.01	
3/7/2016	<0.01	
7/14/2016	<0.01	
3/21/2017	<0.01	
9/20/2017	<0.01	
3/14/2018	<0.01	
9/10/2018	<0.01	
3/12/2019	<0.01	
9/9/2019	0.00081 (J)	
3/4/2020	0.00096 (J)	
9/9/2020	<0.01	
2/26/2021	<0.01	
8/5/2021	<0.01	
1/27/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	<0.01	
11/5/2014	<0.01	
3/4/2015	<0.01	
3/19/2015	0.0012 (J)	
4/7/2015	<0.01	
4/24/2015	<0.01	
7/30/2015	<0.01	
3/8/2016	<0.01	
7/14/2016	<0.01	
3/22/2017	<0.01	
9/19/2017	<0.01	
3/14/2018	<0.01	
9/10/2018	<0.01	
3/12/2019	<0.01	
9/6/2019	<0.01 (D)	
3/5/2020	<0.01	
9/4/2020	<0.01	
3/9/2021	<0.01	
8/2/2021	<0.01	
1/27/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	<0.01	
11/5/2014	<0.01	
3/4/2015	<0.01	
3/19/2015	<0.01	
4/8/2015	<0.01	
4/24/2015	<0.01	
7/30/2015	<0.01	
3/8/2016	<0.01	
7/15/2016	<0.01	
3/21/2017	<0.01	
9/19/2017	<0.01	
3/14/2018	<0.01	
9/10/2018	<0.01	
3/11/2019	<0.01	
9/6/2019	0.0012 (J)	
3/3/2020	0.00085 (J)	
9/8/2020	<0.01	
3/9/2021	<0.01	
8/2/2021	<0.01	
1/28/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	<0.01	
11/5/2014	<0.01	
3/4/2015	<0.01	
3/19/2015	<0.01	
4/8/2015	<0.01	
4/24/2015	<0.01	
7/30/2015	<0.01	
3/7/2016	<0.01	
7/14/2016	<0.01	
3/20/2017	<0.01	
9/19/2017	<0.01	
3/13/2018	<0.01	
9/7/2018	<0.01	
3/11/2019	<0.01	
9/5/2019	0.00094 (J)	
3/3/2020	<0.01	
9/8/2020	<0.01	
3/9/2021	<0.01	
8/2/2021	<0.01	
1/27/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	0.00083 (J)	
11/5/2014	0.0014 (J)	
3/4/2015	<0.01	
3/20/2015	<0.01	
4/8/2015	0.0017 (J)	
4/23/2015	<0.01	
7/30/2015	<0.01	
3/9/2016	<0.01	
7/15/2016	<0.01	
3/22/2017	<0.01	
9/21/2017	<0.01	
3/14/2018	<0.01	
9/11/2018	<0.01	
3/12/2019	<0.01	
9/6/2019	0.0011 (J)	
3/5/2020	0.00071 (J)	
9/9/2020	<0.01	
3/10/2021	<0.01	
7/30/2021	<0.01	
1/28/2022		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	0.0012 (J)	
10/4/2014	<0.01	
10/23/2014	<0.01	
11/10/2014	<0.01	
3/4/2015	<0.01	
3/20/2015	<0.01	
4/8/2015	0.0012 (J)	
4/23/2015	<0.01	
7/30/2015	<0.01	
3/4/2016	<0.01	
7/12/2016	0.002 (J)	
3/20/2017	<0.01	
9/19/2017	0.0012 (J)	
3/13/2018	<0.01	
9/11/2018	<0.01	
3/8/2019	<0.01	
9/5/2019	0.0012 (JD)	
3/3/2020	0.0011 (J)	
9/9/2020	<0.01	
3/9/2021	<0.01	
7/29/2021	<0.01	
1/28/2022		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
9/15/2014	0.15
10/3/2014	0.04
10/20/2014	0.042
11/10/2014	0.1
3/2/2015	0.073
3/17/2015	0.2
4/5/2015	0.29
4/21/2015	0.46
7/28/2015	0.26
3/1/2016	0.378
7/7/2016	0.263
3/15/2017	0.382
9/15/2017	0.406
3/12/2018	0.5
9/6/2018	0.37
3/6/2019	0.56
9/4/2019	0.34
3/2/2020	0.54
9/3/2020	0.35
2/24/2021	0.44
8/6/2021	0.15

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
9/15/2014	0.44 (o)	
10/3/2014	0.021	
10/20/2014	0.19	
11/10/2014	0.0014 (J)	
3/2/2015	0.032	
3/17/2015	0.034	
4/5/2015	0.089	
4/21/2015	0.16	
7/28/2015	0.15	
3/1/2016	0.0627	
7/6/2016	0.0532	
3/14/2017	0.0401	
9/15/2017	0.0338	
3/12/2018	0.042	
9/6/2018	0.045	
3/7/2019	0.043	
9/4/2019	0.052	
3/2/2020	0.056	
9/14/2020	0.053	
3/26/2021	0.046	
7/27/2021	<0.02	
1/26/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
9/16/2014	0.0062	
10/3/2014	0.0085	
10/20/2014	0.0087	
11/10/2014	0.01	
3/2/2015	0.0077	
3/17/2015	0.0086	
4/5/2015	0.0098	
4/22/2015	0.0049	
7/28/2015	0.0099	
3/1/2016	0.00756 (J)	
7/8/2016	0.0098 (J)	
3/14/2017	0.0042 (J)	
9/15/2017	0.0032 (J)	
3/12/2018	0.0025 (J)	
9/6/2018	<0.02	
3/6/2019	0.0035 (J)	
9/4/2019	0.0086 (J)	
3/2/2020	0.0063 (J)	
9/3/2020	0.0049 (J)	
2/24/2021	0.0038 (J)	
7/28/2021	0.0088 (J)	
1/26/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
9/16/2014	0.0054	
10/3/2014	0.007	
10/20/2014	0.0052	
11/10/2014	0.0054	
3/2/2015	0.041 (o)	
3/17/2015	0.014	
4/6/2015	0.0044	
4/22/2015	0.0023 (J)	
7/28/2015	0.0035	
3/2/2016	0.0029 (J)	
7/7/2016	0.0023 (J)	
3/23/2017	<0.02	
9/19/2017	0.002 (J)	
3/13/2018	<0.02	
9/6/2018	<0.02	
3/7/2019	<0.02	
9/4/2019	0.00565 (JD)	
3/2/2020	0.0032 (J)	
9/3/2020	<0.02	
2/24/2021	<0.02	
7/28/2021	<0.02	
1/25/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/8/2015	0.015	
5/17/2015	0.12 (o)	
5/25/2015	0.023	
6/8/2015	0.016	
6/18/2015	0.016	
6/24/2015	0.022	
6/30/2015	0.017	
7/6/2015	0.01	
8/12/2015	0.0047 (BJ)	
7/7/2016	0.0073 (JD)	
3/15/2017	<0.02 (D)	
9/19/2017	<0.02 (D)	
3/13/2018	<0.02	
9/7/2018	<0.02	
3/8/2019	<0.02	
9/4/2019	0.0051 (J)	
3/3/2020	0.0035 (J)	
9/9/2020	<0.02	
2/25/2021	<0.02	
7/28/2021	<0.02	
1/26/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
5/8/2015	<0.02	
5/17/2015	0.0017 (J)	
5/25/2015	0.003	
6/8/2015	0.0025	
6/18/2015	0.0019 (J)	
6/24/2015	0.0028	
6/30/2015	<0.02	
7/6/2015	<0.02	
8/12/2015	0.0033 (BJ)	
2/29/2016	<0.02	
7/8/2016	<0.02	
3/15/2017	0.0013 (J)	
9/15/2017	<0.02	
3/13/2018	<0.02	
9/6/2018	<0.02	
3/7/2019	<0.02	
9/4/2019	0.0045 (J)	
3/2/2020	0.0024 (J)	
9/3/2020	<0.02	
2/24/2021	<0.02	
7/27/2021	<0.02	
1/25/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
5/9/2015	0.0023 (J)	
5/18/2015	0.0034	
5/25/2015	<0.02	
6/8/2015	0.0015 (J)	
6/17/2015	<0.02	
6/24/2015	<0.02	
6/30/2015	<0.02	
7/6/2015	<0.02	
8/12/2015	0.004 (BJ)	
3/2/2016	0.0035 (J)	
7/8/2016	<0.02	
3/16/2017	0.0029 (J)	
9/19/2017	0.0018 (J)	
3/13/2018	0.0021 (J)	
9/11/2018	<0.02	
3/8/2019	<0.02	
9/5/2019	0.0064 (J)	
3/4/2020	0.004 (J)	
9/8/2020	<0.02	
2/26/2021	<0.02	
7/29/2021	0.01 (J)	
1/26/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
5/8/2015	0.0022 (J)	
5/17/2015	<0.02	
5/25/2015	0.0022 (J)	
6/8/2015	0.0015 (J)	
6/18/2015	0.0026	
6/24/2015	0.0015 (J)	
6/30/2015	0.0015 (J)	
7/6/2015	<0.02	
8/12/2015	0.0031 (BJ)	
3/2/2016	0.0028 (J)	
7/11/2016	<0.02	
3/16/2017	0.0018 (J)	
9/19/2017	<0.02	
3/13/2018	<0.02	
9/11/2018	<0.02	
3/12/2019	<0.02	
9/5/2019	0.0098 (J)	
3/4/2020	0.0027 (J)	
9/8/2020	<0.02	
2/26/2021	<0.02	
7/29/2021	<0.02	
1/26/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
5/9/2015	<0.02	
5/18/2015	0.0019 (J)	
5/25/2015	0.0022 (J)	
6/9/2015	0.0015 (J)	
6/17/2015	0.0035	
6/25/2015	<0.02	
7/1/2015	<0.02	
7/7/2015	<0.02	
8/12/2015	0.0015 (BJ)	
3/2/2016	<0.02	
7/8/2016	0.0029 (J)	
3/15/2017	0.0024 (J)	
9/15/2017	0.0016 (J)	
3/13/2018	0.0023 (J)	
9/6/2018	<0.02	
3/7/2019	<0.02	
9/5/2019	0.0048 (J)	
3/3/2020	0.0024 (J)	
9/8/2020	<0.02	
2/25/2021	<0.02	
7/27/2021	<0.02	
1/25/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
5/9/2015	<0.02	
5/18/2015	0.0016 (J)	
5/26/2015	<0.02	
6/9/2015	0.0026	
6/17/2015	0.0017 (J)	
6/25/2015	<0.02	
7/1/2015	<0.02	
7/7/2015	<0.02	
8/13/2015	0.002 (BJ)	
3/2/2016	<0.02	
7/11/2016	<0.02	
3/16/2017	0.0015 (J)	
9/15/2017	<0.02	
3/12/2018	<0.02	
9/7/2018	<0.02	
3/8/2019	<0.02	
9/5/2019	0.0056 (J)	
3/3/2020	0.005 (J)	
9/4/2020	<0.02	
2/25/2021	<0.02	
7/28/2021	<0.02	
1/26/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
5/9/2015	<0.02	
5/18/2015	0.0033	
5/26/2015	0.0022 (J)	
6/9/2015	0.0082	
6/17/2015	<0.02	
6/25/2015	<0.02	
7/1/2015	0.0064	
7/7/2015	<0.02	
8/13/2015	0.0028 (BJ)	
3/3/2016	<0.02	
7/11/2016	<0.02	
3/16/2017	0.0054 (J)	
9/18/2017	<0.02	
3/12/2018	<0.02	
9/7/2018	<0.02	
3/7/2019	<0.02	
9/5/2019	0.0045 (J)	
3/4/2020	0.0028 (J)	
9/4/2020	<0.02	
2/25/2021	<0.02	
7/28/2021	<0.02	
1/27/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
5/9/2015	<0.02	
5/19/2015	0.0045	
5/26/2015	0.0038	
6/9/2015	0.0037	
6/17/2015	0.0018 (J)	
6/25/2015	<0.02	
7/1/2015	<0.02	
7/7/2015	<0.02	
8/13/2015	0.0017 (BJ)	
3/3/2016	<0.02	
7/11/2016	0.0018 (J)	
3/15/2017	0.0034 (J)	
9/15/2017	<0.02	
3/13/2018	0.0029 (J)	
9/7/2018	<0.02	
3/7/2019	<0.02	
9/4/2019	0.0052 (J)	
3/4/2020	0.0029 (J)	
9/4/2020	<0.02	
2/25/2021	<0.02	
7/28/2021	<0.02	
1/26/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.072	
10/4/2014	0.078	
10/21/2014	0.083	
11/11/2014	0.082	
3/3/2015	0.078	
3/18/2015	0.075	
4/6/2015	0.071	
4/23/2015	0.072	
7/29/2015	0.072	
3/3/2016	0.0227 (D)	
7/13/2016	0.0709	
3/20/2017	0.0465	
9/21/2017	0.0302	
3/14/2018	0.031	
9/7/2018	<0.01	
3/11/2019	0.024	
9/9/2019	0.029	
3/4/2020	0.015	
9/9/2020	0.037	
3/9/2021	0.025	
7/30/2021	0.032	
1/28/2022		0.026

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
9/17/2014	0.0028	
10/4/2014	0.0038	
10/21/2014	0.0043	
11/11/2014	0.0041	
3/3/2015	0.0042	
3/18/2015	0.0046	
4/6/2015	0.0043	
4/23/2015	0.0047	
7/29/2015	0.0039	
3/4/2016	0.0219 (J)	
7/14/2016	0.0111	
3/21/2017	<0.02	
9/22/2017	0.0023 (J)	
3/14/2018	0.0021 (J)	
9/11/2018	<0.02	
3/12/2019	0.0038 (J)	
9/10/2019	0.0055 (J)	
3/5/2020	0.0035 (J)	
9/9/2020	<0.02	
3/10/2021	<0.02	
7/30/2021	<0.02	
1/28/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
9/17/2014	0.0035	
10/4/2014	0.0032	
10/21/2014	0.0028	
11/5/2014	0.004	
3/3/2015	0.004	
3/18/2015	0.0024 (J)	
4/7/2015	0.0055	
4/23/2015	0.0035	
7/29/2015	0.0062	
3/7/2016	0.0225 (J)	
7/13/2016	0.0031 (J)	
3/23/2017	<0.02	
9/25/2017	0.002 (J)	
3/14/2018	0.0036 (J)	
9/11/2018	<0.02	
3/12/2019	<0.02	
9/9/2019	0.0063 (J)	
3/6/2020	0.0045 (J)	
9/9/2020	<0.02	
2/26/2021	<0.02	
7/29/2021	<0.02	
1/28/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
9/17/2014	0.002 (J)	
10/4/2014	0.001 (J)	
10/21/2014	0.00082 (J)	
11/11/2014	0.00076 (J)	
3/3/2015	<0.02	
3/18/2015	0.0016 (J)	
4/7/2015	<0.02	
4/23/2015	<0.02	
7/29/2015	<0.02	
3/7/2016	<0.02	
7/13/2016	0.0013 (J)	
3/20/2017	<0.02	
9/21/2017	0.0018 (J)	
3/14/2018	<0.02	
9/7/2018	<0.02	
3/12/2019	<0.02	
9/6/2019	0.0046 (J)	
3/5/2020	0.0024 (J)	
9/9/2020	<0.02	
2/26/2021	<0.02	
7/29/2021	0.015 (J)	
1/27/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
9/17/2014	0.0026	
10/4/2014	0.0034	
10/21/2014	0.0037	
11/5/2014	0.0035	
3/3/2015	0.0036	
3/19/2015	0.0035	
4/7/2015	0.0039	
4/24/2015	0.0034	
7/29/2015	0.0038	
3/7/2016	<0.02	
7/14/2016	<0.02	
3/21/2017	<0.02	
9/20/2017	0.0062 (J)	
3/14/2018	<0.02	
9/10/2018	<0.02	
3/12/2019	<0.02	
9/9/2019	0.0062 (J)	
3/4/2020	0.0072 (J)	
9/9/2020	<0.02	
2/26/2021	<0.02	
8/5/2021	<0.02	
1/27/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
9/18/2014	0.0023 (J)	
10/5/2014	0.0025	
10/22/2014	0.0018 (J)	
11/5/2014	0.0019 (J)	
3/4/2015	0.0016 (J)	
3/19/2015	0.0025	
4/7/2015	0.0026	
4/24/2015	0.0017 (J)	
7/30/2015	0.0017 (J)	
3/8/2016	0.557 (o)	
7/14/2016	<0.02	
3/22/2017	<0.02	
9/19/2017	0.0031 (J)	
3/14/2018	<0.02	
9/10/2018	<0.02	
3/12/2019	<0.02	
9/6/2019	0.00455 (JD)	
3/5/2020	0.0023 (J)	
9/4/2020	<0.02	
3/9/2021	<0.02	
8/2/2021	<0.02	
1/27/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
9/18/2014	0.0033	
10/5/2014	0.0036	
10/22/2014	0.0038	
11/5/2014	0.0046	
3/4/2015	0.0029	
3/19/2015	0.0027	
4/8/2015	0.0039	
4/24/2015	0.0035	
7/30/2015	0.0027	
3/8/2016	0.00273 (J)	
7/15/2016	<0.02	
3/21/2017	<0.02	
9/19/2017	0.0022 (J)	
3/14/2018	0.0049 (J)	
9/10/2018	<0.02	
3/11/2019	0.0034 (J)	
9/6/2019	0.045	
3/3/2020	0.0044 (J)	
9/8/2020	0.0063 (J)	
3/9/2021	<0.02	
8/2/2021	<0.02	
1/28/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
9/18/2014	0.00089 (J)	
10/5/2014	0.0016 (J)	
10/22/2014	0.0017 (J)	
11/5/2014	0.0038	
3/4/2015	0.002 (J)	
3/19/2015	0.0025	
4/8/2015	0.0018 (J)	
4/24/2015	0.0016 (J)	
7/30/2015	<0.02	
3/7/2016	<0.02	
7/14/2016	<0.02	
3/20/2017	0.0075 (J)	
9/19/2017	<0.02	
3/13/2018	<0.02	
9/7/2018	<0.02	
3/11/2019	0.0021 (J)	
9/5/2019	0.0053 (J)	
3/3/2020	0.0029 (J)	
9/8/2020	0.0037 (J)	
3/9/2021	<0.02	
8/2/2021	<0.02	
1/27/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
9/18/2014	0.0013 (J)	
10/5/2014	0.00085 (J)	
10/22/2014	0.0014 (J)	
11/5/2014	0.0022 (J)	
3/4/2015	0.0033	
3/20/2015	0.002 (J)	
4/8/2015	0.004	
4/23/2015	0.002 (J)	
7/30/2015	<0.02	
3/9/2016	<0.02	
7/15/2016	<0.02	
3/22/2017	<0.02	
9/21/2017	0.0034 (J)	
3/14/2018	<0.02	
9/11/2018	<0.02	
3/12/2019	<0.02	
9/6/2019	0.0059 (J)	
3/5/2020	0.0084 (J)	
9/9/2020	<0.02	
3/10/2021	<0.02	
7/30/2021	<0.02	
1/28/2022		0.0099 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
9/16/2014	0.00054 (J)	
10/4/2014	0.0008 (J)	
10/23/2014	<0.02	
11/10/2014	<0.02	
3/4/2015	<0.02	
3/20/2015	<0.02	
4/8/2015	0.0016 (J)	
4/23/2015	<0.02	
7/30/2015	<0.02	
3/4/2016	0.00374 (J)	
7/12/2016	<0.02	
3/20/2017	<0.02	
9/19/2017	0.0028 (J)	
3/13/2018	0.0068 (J)	
9/11/2018	<0.02	
3/8/2019	<0.02	
9/5/2019	0.00675 (JD)	
3/3/2020	0.0033 (J)	
9/9/2020	0.0048 (J)	
3/9/2021	0.0063 (J)	
7/29/2021	<0.02	
1/28/2022		<0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/13/2022 4:04 PM View: PLs App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
9/16/2014	0.004	
10/4/2014	0.0011 (J)	
10/23/2014	0.0011 (J)	
11/10/2014	0.0028	
3/4/2015	<0.02	
3/20/2015	<0.02	
4/9/2015	<0.02	
4/23/2015	<0.02	
7/30/2015	<0.02	
3/8/2016	0.00198 (J)	
7/18/2016	<0.02	
3/16/2017	0.0026 (J)	
9/19/2017	<0.02	
3/13/2018	<0.02	
9/11/2018	<0.02	
3/8/2019	<0.02	
9/5/2019	0.0053 (J)	
3/3/2020	0.0027 (J)	
9/4/2020	<0.02	
3/9/2021	<0.02	
8/2/2021	<0.02	
1/27/2022		<0.02

FIGURE H.

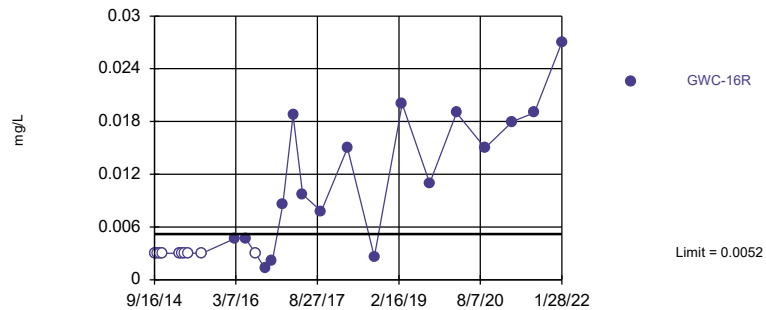
Interwell Prediction Limits Appendix I Two-Step - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Antimony (mg/L)	GWC-16R	0.0052	n/a	1/28/2022	0.027	Yes	322	n/a	n/a	79.19	n/a	n/a	0.00004913 NP (NDs) 1 of 2

Exceeds Limit: GWC-16R

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 322 background values. 79.19% NDs. Annual per-constituent alpha = 0.00108. Individual comparison alpha = 0.00004913 (1 of 2). Assumes 10 future values.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:11 PM View: PLs Two-Step App I

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWC-16R	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53R (bg)	GWA-54 (bg)
9/15/2014	<0.003	<0.003							
9/16/2014			<0.003	<0.003	<0.003				
10/3/2014	<0.003	<0.003	<0.003	<0.003					
10/4/2014					<0.003				
10/20/2014	<0.003	<0.003	<0.003	<0.003					
10/21/2014					<0.003				
11/10/2014	<0.003	<0.003	<0.003	<0.003					
11/11/2014					<0.003				
3/2/2015	<0.003	<0.003	<0.003	<0.003					
3/3/2015					<0.003				
3/17/2015	<0.003	<0.003	<0.003	<0.003					
3/18/2015					<0.003				
4/5/2015	<0.003	<0.003	<0.003						
4/6/2015				<0.003	<0.003				
4/21/2015	<0.003	<0.003							
4/22/2015			<0.003	<0.003					
4/23/2015					<0.003				
5/8/2015						<0.003	<0.003	<0.003	
5/9/2015									<0.003
5/17/2015						<0.003	<0.003	<0.003	
5/18/2015									<0.003
5/19/2015									
5/25/2015						<0.003	<0.003	<0.003	<0.003
5/26/2015									
6/8/2015						<0.003	<0.003	<0.003	
6/9/2015									<0.003
6/17/2015									<0.003
6/18/2015						<0.003	<0.003	<0.003	
6/24/2015						<0.003	<0.003	<0.003	
6/25/2015									<0.003
6/30/2015						<0.003	<0.003	<0.003	
7/1/2015									<0.003
7/6/2015						<0.003	<0.003	<0.003	
7/7/2015									<0.003
7/28/2015	<0.003	<0.003	<0.003	<0.003					
7/29/2015					<0.003				
8/12/2015						<0.003	<0.003	<0.003	<0.003
8/13/2015									
2/29/2016							<0.003		
3/1/2016	<0.003	<0.003	0.00214 (J)						
3/2/2016				<0.003				0.00106 (J)	<0.003
3/3/2016					0.00472 (D)				
5/2/2016	<0.003	<0.003							
5/3/2016			0.00178 (J)	<0.003				0.00171 (J)	
5/4/2016						0.00254 (JD)	<0.003		<0.003
5/9/2016									
5/10/2016					0.0047				
7/6/2016		<0.003							
7/7/2016	<0.003			<0.003		0.0033 (D)			
7/8/2016			0.0023 (J)				<0.003		<0.003
7/11/2016								<0.003	
7/13/2016					<0.003				

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:11 PM View: PLs Two-Step App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWC-16R	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53R (bg)	GWA-54 (bg)
9/7/2016	<0.003	<0.003	0.0039					0.0013 (J)	
9/8/2016				<0.003		0.0046 (o)	<0.003		0.0019 (J)
9/9/2016									
9/15/2016					0.0013 (J)				
10/25/2016	<0.003	<0.003	0.0035	<0.003					
10/26/2016						0.001 (D)	<0.003		<0.003
10/27/2016								0.0011 (J)	
11/2/2016					0.0021 (J)				
1/5/2017	<0.003	<0.003							
1/6/2017			0.0052			0.0011 (D)	<0.003	0.0013 (J)	
1/9/2017									<0.003
1/11/2017					0.0086				
2/9/2017				<0.003					
3/14/2017		<0.003	0.003						
3/15/2017	0.0004 (J)					0.0006 (D)	<0.003		<0.003
3/16/2017								0.0029 (J)	
3/20/2017					0.0187				
3/23/2017				<0.003					
5/16/2017		<0.003	0.0026 (J)						
5/17/2017	0.0032			<0.003			<0.003		
5/18/2017						0.0009 (D)			<0.003
5/19/2017								<0.003	
5/23/2017					0.0097				
7/19/2017						<0.003 (D)			
9/15/2017	<0.003	<0.003	0.0016 (J)				<0.003		<0.003
9/18/2017									
9/19/2017				<0.003		<0.003 (D)		<0.003	
9/21/2017					0.0078				
3/12/2018	<0.003	<0.003	0.0023 (J)						
3/13/2018				<0.003		<0.003	<0.003	0.0034	<0.003
3/14/2018					0.015				
9/6/2018	<0.003	<0.003	0.0024 (J)	<0.003			<0.003		0.001 (J)
9/7/2018					0.0026 (J)	<0.003			
9/11/2018								0.0033	
3/6/2019	<0.003		0.0019 (J)						
3/7/2019		<0.003		<0.003			<0.003		<0.003
3/8/2019						<0.003			
3/11/2019					0.02				
3/12/2019								0.002 (J)	
9/4/2019	0.001 (J)	<0.003	0.0029 (J)	<0.003 (D)		0.0006 (J)	<0.003		
9/5/2019								0.00035 (J)	<0.003
9/9/2019					0.011				
3/2/2020	<0.003	<0.003	0.0018 (J)	<0.003			<0.003		
3/3/2020						<0.003			0.0011 (J)
3/4/2020					0.019			0.00053 (J)	
9/3/2020	0.00094 (J)		0.0012 (J)	<0.003			<0.003		
9/4/2020									
9/8/2020								0.00078 (J)	<0.003
9/9/2020					0.015	0.00035 (J)			
9/14/2020		<0.003							
2/24/2021	0.00068 (J)		0.0012 (J)	<0.003			<0.003		
2/25/2021						0.00061 (J)			<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:11 PM View: PLs Two-Step App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36 (bg)	GWA-36RA (bg)	GWA-37 (bg)	GWA-38 (bg)	GWC-16R	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53R (bg)	GWA-54 (bg)
2/26/2021								0.0006 (J)	
3/9/2021					0.018				
3/26/2021		0.00092 (J)							
7/27/2021		<0.003					0.0028 (J)		0.00086 (J)
7/28/2021			0.0016 (J)	<0.003		0.00082 (J)			
7/29/2021								0.00096 (J)	
7/30/2021					0.019				
8/6/2021	<0.003								
1/25/2022				<0.003			<0.003		<0.003
1/26/2022		<0.003	<0.003			<0.003		<0.003	
1/27/2022									
1/28/2022					0.027				

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:11 PM View: PLs Two-Step App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56 (bg)	GWA-55 (bg)	GWA-53 (bg)	GWA-55R (bg)
9/15/2014				
9/16/2014				
10/3/2014				
10/4/2014				
10/20/2014				
10/21/2014				
11/10/2014				
11/11/2014				
3/2/2015				
3/3/2015				
3/17/2015				
3/18/2015				
4/5/2015				
4/6/2015				
4/21/2015				
4/22/2015				
4/23/2015				
5/8/2015				
5/9/2015	<0.003	<0.003	<0.003	<0.003
5/17/2015				
5/18/2015		<0.003	<0.003	<0.003
5/19/2015	<0.003			
5/25/2015			<0.003	
5/26/2015	<0.003	<0.003		<0.003
6/8/2015			<0.003	
6/9/2015	<0.003	<0.003		<0.003
6/17/2015	<0.003	<0.003	<0.003	<0.003
6/18/2015				
6/24/2015			<0.003	
6/25/2015	<0.003	<0.003		<0.003
6/30/2015			<0.003	
7/1/2015	<0.003	<0.003		<0.003
7/6/2015			<0.003	
7/7/2015	<0.003	<0.003		<0.003
7/28/2015				
7/29/2015				
8/12/2015			<0.003	
8/13/2015	<0.003	<0.003		<0.003
2/29/2016				
3/1/2016				
3/2/2016		0.000608 (J)	0.000782 (J)	
3/3/2016	<0.003			<0.003
5/2/2016				
5/3/2016		<0.003	<0.003	<0.003
5/4/2016				
5/9/2016	<0.003			
5/10/2016				
7/6/2016				
7/7/2016				
7/8/2016			<0.003	
7/11/2016	<0.003	<0.003		<0.003
7/13/2016				

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:11 PM View: PLs Two-Step App I
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56 (bg)	GWA-55 (bg)	GWA-53 (bg)	GWA-55R (bg)
9/7/2016				
9/8/2016			0.0009 (J)	
9/9/2016	<0.003	<0.003		0.0009 (J)
9/15/2016				
10/25/2016				
10/26/2016	<0.003	<0.003	0.0012 (J)	
10/27/2016				<0.003
11/2/2016				
1/5/2017				
1/6/2017				
1/9/2017	0.0012 (J)	<0.003	<0.003	0.0023 (J)
1/11/2017				
2/9/2017				
3/14/2017				
3/15/2017	<0.003			
3/16/2017		<0.003	<0.003	0.0007 (J)
3/20/2017				
3/23/2017				
5/16/2017				
5/17/2017				
5/18/2017	<0.003	<0.003		0.0012 (J)
5/19/2017			0.0005 (J)	
5/23/2017				
7/19/2017				
9/15/2017	<0.003	<0.003		
9/18/2017				<0.003
9/19/2017			<0.003	
9/21/2017				
3/12/2018		<0.003		<0.003
3/13/2018	<0.003		<0.003	
3/14/2018				
9/6/2018				
9/7/2018	<0.003	<0.003		<0.003
9/11/2018			<0.003	
3/6/2019				
3/7/2019	<0.003			<0.003
3/8/2019		<0.003	<0.003	
3/11/2019				
3/12/2019				
9/4/2019	<0.003			
9/5/2019		<0.003	0.00035 (J)	<0.003
9/9/2019				
3/2/2020				
3/3/2020		<0.003		
3/4/2020	<0.003		0.0019 (J)	<0.003
9/3/2020				
9/4/2020	<0.003	0.00065 (J)		<0.003
9/8/2020			0.0017 (J)	
9/9/2020				
9/14/2020				
2/24/2021				
2/25/2021	<0.003	<0.003		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/13/2022 4:11 PM View: PLs Two-Step App I
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56 (bg)	GWA-55 (bg)	GWA-53 (bg)	GWA-55R (bg)
2/26/2021			<0.003	
3/9/2021				
3/26/2021				
7/27/2021				
7/28/2021	<0.003	<0.003		<0.003
7/29/2021			0.00096 (J)	
7/30/2021				
8/6/2021				
1/25/2022				
1/26/2022	<0.003	<0.003	<0.003	
1/27/2022				<0.003
1/28/2022				

FIGURE H.

FIGURE I.

Trend Tests Appendix I - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:17 PM

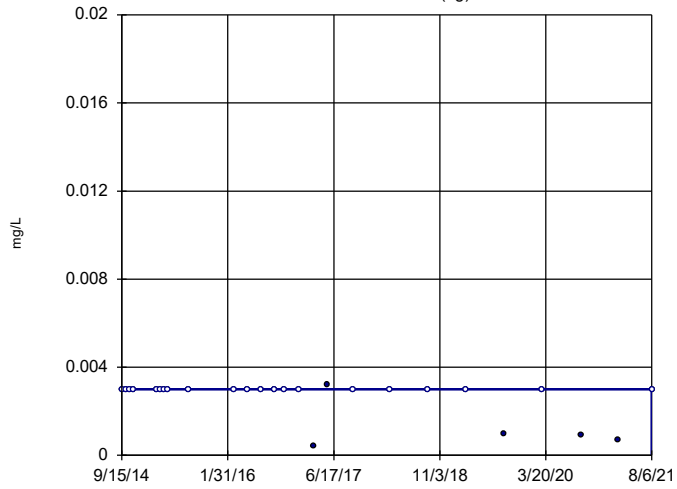
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GWA-37 (bg)	-0.0001706	-131	-124	Yes	27	37.04	n/a	n/a	0.01	NP
Antimony (mg/L)	GWC-16R	0.001212	132	124	Yes	27	37.04	n/a	n/a	0.01	NP

Trend Tests Appendix I - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:17 PM

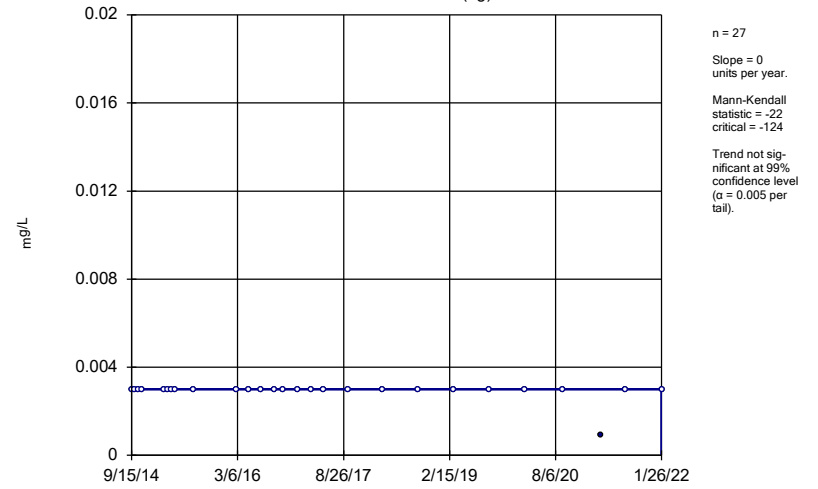
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	GWA-36 (bg)	0	-57	-118	No	26	80.77	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-36RA (bg)	0	-22	-124	No	27	96.3	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-37 (bg)	-0.0001706	-131	-124	Yes	27	37.04	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-38 (bg)	0	0	124	No	27	100	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-51RZ (bg)	0	-86	-118	No	26	61.54	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-52 (bg)	0	-24	-124	No	27	96.3	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-53 (bg)	0	-68	-124	No	27	70.37	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-53R (bg)	-0.0000619	-100	-124	No	27	48.15	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-54 (bg)	0	-56	-124	No	27	85.19	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-55 (bg)	0	-11	-124	No	27	92.59	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-55R (bg)	0	-10	-124	No	27	85.19	n/a	n/a	0.01	NP
Antimony (mg/L)	GWA-56 (bg)	0	-2	-124	No	27	96.3	n/a	n/a	0.01	NP
Antimony (mg/L)	GWC-16R	0.001212	132	124	Yes	27	37.04	n/a	n/a	0.01	NP

Sen's Slope Estimator GWA-36 (bg)



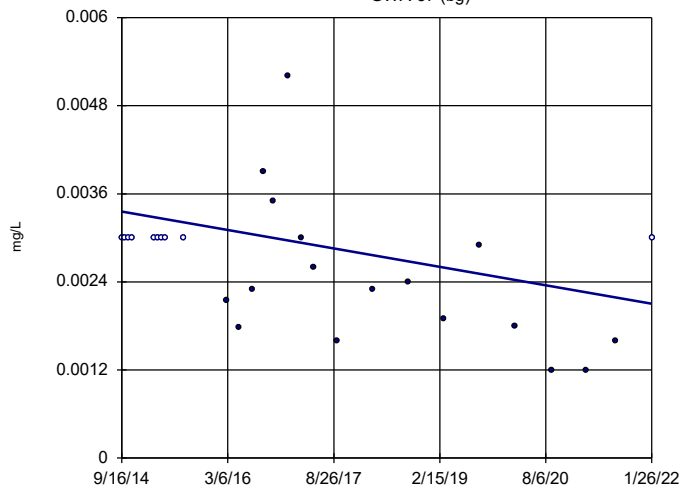
Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-36RA (bg)



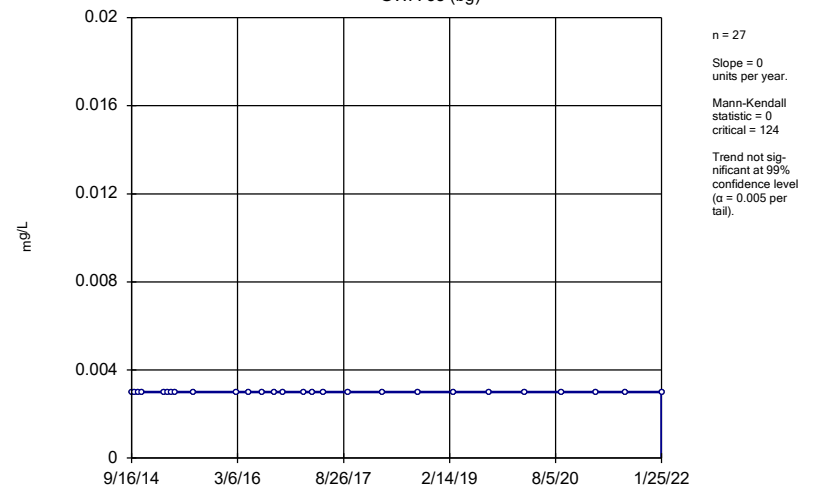
Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-37 (bg)



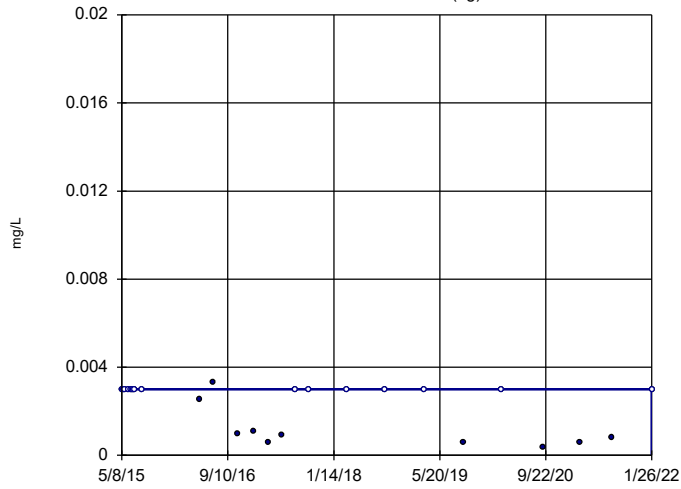
Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-38 (bg)



Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

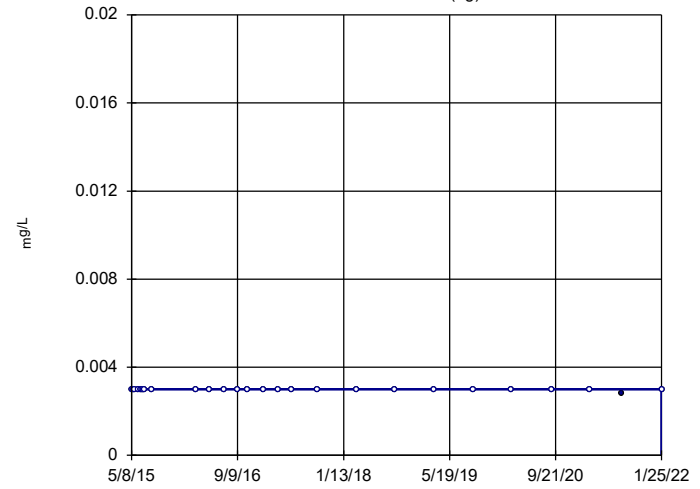
Sen's Slope Estimator GWA-51RZ (bg)



n = 26
Slope = 0
units per year.
Mann-Kendall
statistic = -86
critical = -118
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

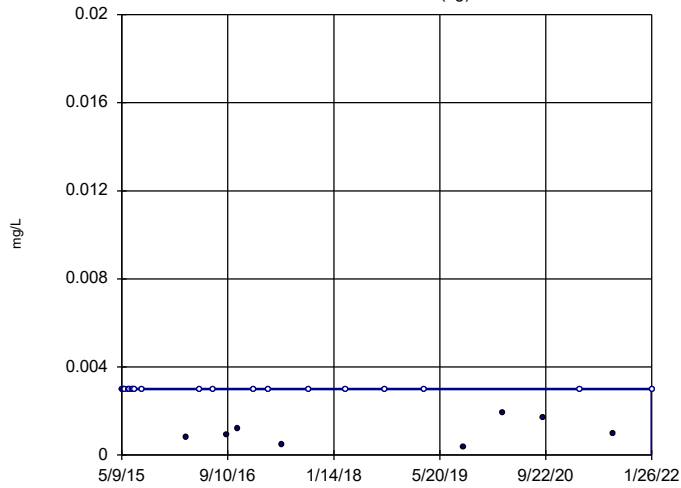
Sen's Slope Estimator GWA-52 (bg)



n = 27
Slope = 0
units per year.
Mann-Kendall
statistic = -24
critical = -124
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

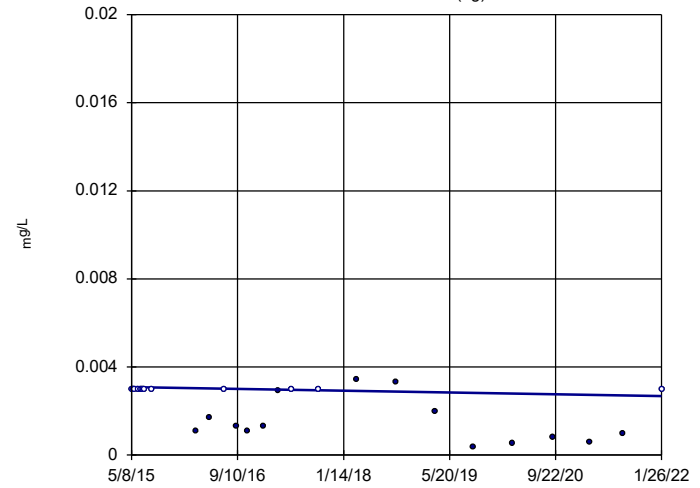
Sen's Slope Estimator GWA-53 (bg)



n = 27
Slope = 0
units per year.
Mann-Kendall
statistic = -68
critical = -124
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

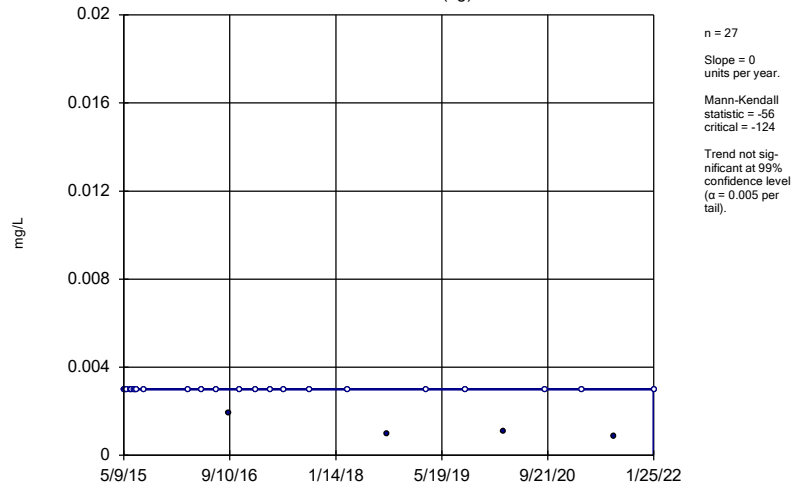
Sen's Slope Estimator GWA-53R (bg)



n = 27
Slope = -0.0000619
units per year.
Mann-Kendall
statistic = -100
critical = -124
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

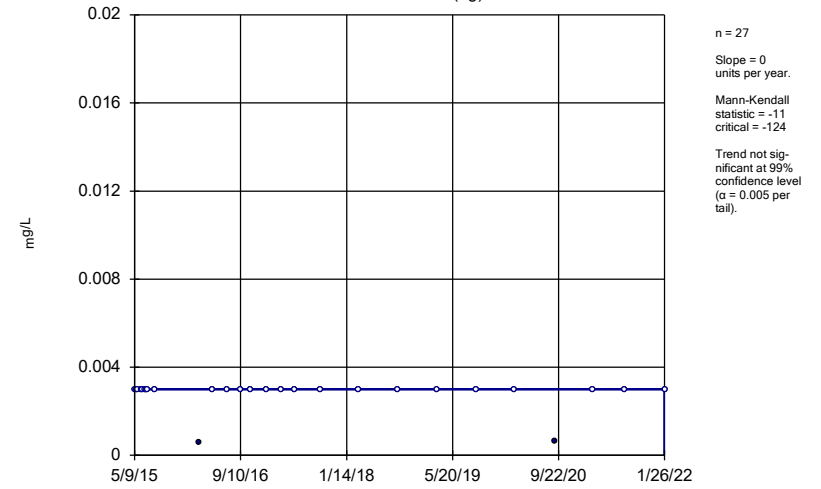
Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-54 (bg)



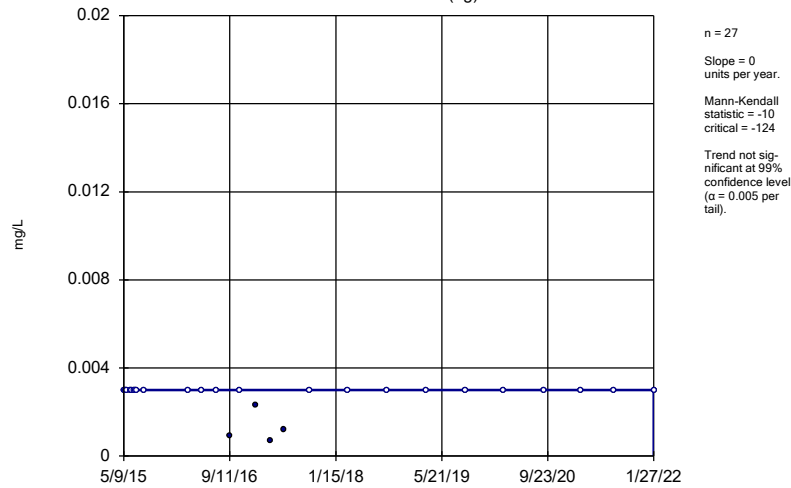
Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-55 (bg)



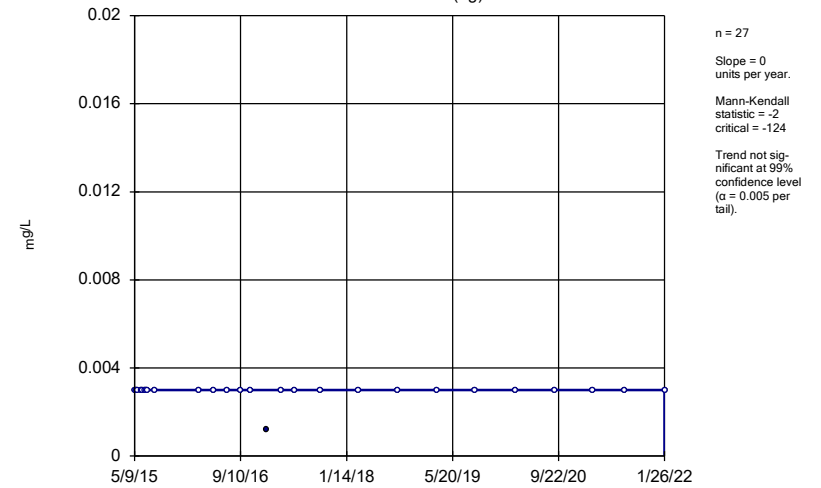
Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator GWA-55R (bg)



Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

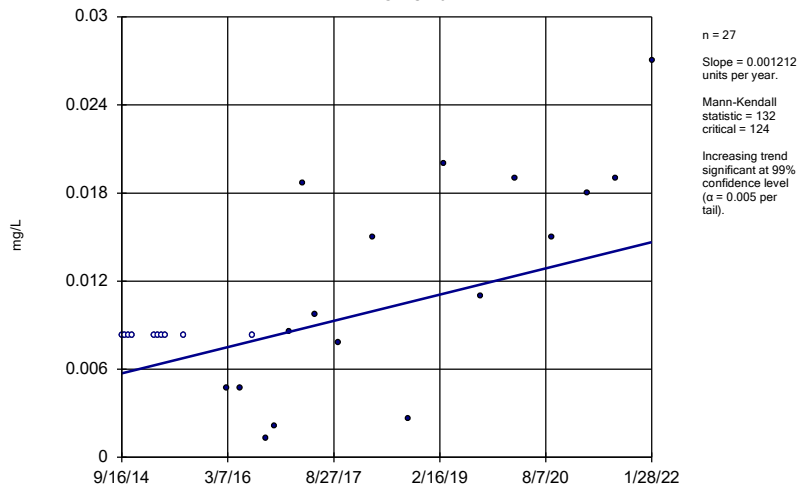
Sen's Slope Estimator GWA-56 (bg)



Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWC-16R



Constituent: Antimony Analysis Run 4/13/2022 4:15 PM View: Trend Tests - App I Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

FIGURE J.

Intrawell Prediction Limit Appendix III - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 8/23/2022, 12:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method	
pH (pH units)	GWA-37	6.271	4.879	1/26/2022	4.69	Yes	17	5.575	0.291	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-56	8.355	7.568	1/26/2022	7.45	Yes	18	7.962	0.1666	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-17R	7.329	7.078	1/28/2022	7.34	Yes	17	7.204	0.05255	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-21R	7.289	6.809	1/28/2022	6.69	Yes	17	7.049	0.1002	0	None	No	0.000342	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21R	12.48	n/a	1/28/2022	13.7	Yes	16	4.995	3.09	6.25	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-25R	1.978	n/a	1/27/2022	2	Yes	17	1.616	0.1512	0	None	No	0.0006839	Param Intra 1 of 2

Intrawell Prediction Limit Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 8/23/2022, 12:03 PM

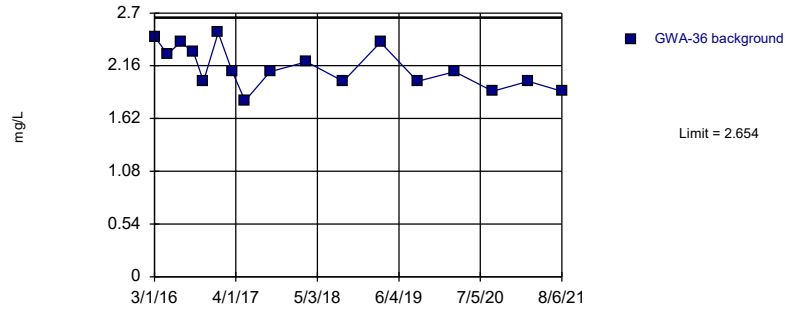
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWA-36	2.654	n/a	n/a	1 future	n/a	17	2.143	0.2134	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-36RA	3.641	n/a	1/26/2022	2.4	No	17	2.93	0.2972	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-37	1.427	n/a	1/26/2022	0.88J	No	17	0.977	0.1882	5.882	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-38	3.398	n/a	1/25/2022	3.2	No	17	2.585	0.34	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-51RZ	4.007	n/a	1/26/2022	2.9	No	17	3.061	0.3958	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-52	4.999	n/a	1/25/2022	1.5	No	17	2.572	1.015	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-53	2.831	n/a	1/26/2022	2.2	No	17	2.42	0.1719	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-53R	3.3	n/a	1/26/2022	2.4	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-54	1.874	n/a	1/25/2022	0.81J	No	17	1.139	0.3075	5.882	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWA-55	6.9	n/a	1/26/2022	5.8	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-55R	5	n/a	1/27/2022	4.5	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-56	9.647	n/a	1/26/2022	5.2	No	17	5.893	1.569	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-16R	2.97	n/a	1/28/2022	1.6	No	17	1.716	0.5242	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-17R	8.196	n/a	1/28/2022	4.6	No	17	5.841	0.9845	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.662	n/a	1/28/2022	2.1	No	17	1.472	0.06659	0	None	sqrt(x)	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-18R	3.3	n/a	1/27/2022	2.3	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-19R	2.953	n/a	1/27/2022	2.5	No	17	2.441	0.214	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-20R	2.542	n/a	1/27/2022	1.9	No	17	1.768	0.3233	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-21R	5.542	n/a	1/28/2022	4.6	No	17	4.188	0.5658	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-22R	3.295	n/a	1/27/2022	2.5	No	17	2.728	0.2371	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-23R	2.864	n/a	1/28/2022	1.7	No	17	1.939	0.3865	0	None	No	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-24R	3.25	n/a	1/28/2022	2.2	No	17	5.819	1.983	5.882	None	x^2	0.0006839	Param Intra 1 of 2
Chloride (mg/L)	GWC-25R	3.132	n/a	1/27/2022	2.4	No	17	2.594	0.225	0	None	No	0.0006839	Param Intra 1 of 2
pH (pH units)	GWA-36	7.344	6.398	n/a	1 future	n/a	17	6.871	0.1978	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-36RA	7.677	6.978	1/26/2022	7.01	No	17	7.328	0.1461	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-37	6.271	4.879	1/26/2022	4.69	Yes	17	5.575	0.291	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-38	6.077	4.803	1/25/2022	5.14	No	17	5.44	0.2662	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-51RZ	7.781	7.228	1/26/2022	7.78	No	18	7.504	0.117	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-52	7.753	7.256	1/25/2022	7.44	No	17	7.505	0.104	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-53	7.906	7.48	1/26/2022	7.72	No	17	7.693	0.08915	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-53R	7.939	7.562	1/26/2022	7.78	No	17	7.751	0.07894	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-54	7.879	7.298	1/25/2022	7.38	No	17	7.588	0.1215	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-55	7.793	6.737	1/26/2022	7.21	No	17	7.265	0.2207	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-55R	8.079	6.972	1/27/2022	7.27	No	17	7.525	0.2314	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWA-56	8.355	7.568	1/26/2022	7.45	Yes	18	7.962	0.1666	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-16R	7.503	6.84	1/28/2022	7.31	No	17	7.172	0.1385	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-17R	7.329	7.078	1/28/2022	7.34	Yes	17	7.204	0.05255	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-18	7.389	5.993	1/28/2022	6.6	No	17	2135	353.4	0	None	x^4	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-18R	8.014	7.486	1/27/2022	7.76	No	17	7.75	0.1103	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-19R	7.85	7.543	1/27/2022	7.74	No	17	7.696	0.06412	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-20R	7.917	7.363	1/27/2022	7.73	No	18	7.64	0.1171	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-21R	7.289	6.809	1/28/2022	6.69	Yes	17	7.049	0.1002	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-22R	8.049	6.933	1/27/2022	7.28	No	18	7.491	0.2361	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-23R	7.755	6.954	1/28/2022	7.38	No	18	7.354	0.1695	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-24R	7.983	6.832	1/28/2022	7.68	No	17	7.408	0.2406	0	None	No	0.000342	Param Intra 1 of 2
pH (pH units)	GWC-25R	7.983	7.191	1/27/2022	7.46	No	17	7.587	0.1654	0	None	No	0.000342	Param Intra 1 of 2
Sulfate (mg/L)	GWA-36	2.59	n/a	n/a	1 future	n/a	17	1.159	0.5981	5.882	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-36RA	11.17	n/a	1/26/2022	7.5	No	17	1.839	0.6284	0	None	sqrt(x)	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-37	1.121	n/a	1/26/2022	0.5ND	No	17	0.6744	0.1865	29.41	Kaplan-Meier	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-38	2.638	n/a	1/25/2022	0.58J	No	17	1.136	0.6276	0	None	No	0.0006839	Param Intra 1 of 2

Intrawell Prediction Limit Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 8/23/2022, 12:03 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-51RZ	32.72	n/a	1/26/2022	22.2	No	17	21.28	4.78	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-52	33.01	n/a	1/25/2022	8.6	No	17	1.995	0.6278	0	None	ln(x)	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-53	2.376	n/a	1/26/2022	1.4	No	17	1.796	0.2423	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-53R	2.425	n/a	1/26/2022	1.6	No	17	1.841	0.244	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-54	8.498	n/a	1/25/2022	1.4	No	17	26.11	19.28	0	None	x^2	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-55	47.75	n/a	1/26/2022	32.5	No	17	21.97	10.78	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-55R	29.48	n/a	1/27/2022	20.7	No	17	20.4	3.794	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWA-56	136.8	n/a	1/26/2022	47.1	No	17	79.21	24.09	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-16R	14.24	n/a	1/28/2022	11.9	No	17	7.264	2.917	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-17R	8.894	n/a	1/28/2022	7.6	No	16	6.593	0.9504	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18	2.57	n/a	1/28/2022	1.6	No	17	1.96	0.2549	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18R	2.835	n/a	1/27/2022	2.1	No	16	2.259	0.2378	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19R	4.3	n/a	1/27/2022	3.9	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-20R	1.892	n/a	1/27/2022	1.7	No	17	1.893	0.7053	0	None	x^2	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21R	12.48	n/a	1/28/2022	13.7	Yes	16	4.995	3.09	6.25	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22R	2.913	n/a	1/27/2022	1.3	No	16	1.998	0.3782	0	None	No	0.0006839	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23R	124	n/a	1/28/2022	98.4	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-24R	11.3	n/a	1/28/2022	2.3	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-25R	1.978	n/a	1/27/2022	2	Yes	17	1.616	0.1512	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-36	146.4	n/a	n/a	1 future	n/a	17	92.29	22.6	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-36RA	222.5	n/a	1/26/2022	184	No	17	153.6	28.78	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-37	34.32	n/a	1/26/2022	26	No	15	16.03	7.385	33.33	Kaplan-Meier	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-38	113.3	n/a	1/25/2022	27	No	17	3.177	0.6948	29.41	Kaplan-Meier	x^(1/3)	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-51RZ	317.2	n/a	1/26/2022	190	No	17	214.5	42.92	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-52	178.2	n/a	1/25/2022	136	No	16	142.8	14.61	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-53	168.4	n/a	1/26/2022	131	No	17	131.2	15.55	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-53R	186.5	n/a	1/26/2022	144	No	16	133	22.11	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-54	171.6	n/a	1/25/2022	113	No	17	122.1	20.73	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-55	273.9	n/a	1/26/2022	244	No	17	199.4	31.18	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-55R	243.2	n/a	1/27/2022	207	No	17	180.9	26.02	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-56	463.5	n/a	1/26/2022	278	No	17	320	59.99	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-16R	363.4	n/a	1/28/2022	317	No	17	295.8	28.25	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-17R	390.6	n/a	1/28/2022	302	No	17	318.3	30.22	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-18	149.8	n/a	1/28/2022	99	No	17	94.65	23.04	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-18R	183.1	n/a	1/27/2022	146	No	17	140.2	17.93	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-19R	216.8	n/a	1/27/2022	149	No	17	166.3	21.11	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-20R	234.5	n/a	1/27/2022	176	No	17	191.6	17.93	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-21R	383.4	n/a	1/28/2022	290	No	17	85308	25795	0	None	x^2	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-22R	195.3	n/a	1/27/2022	167	No	17	163.8	13.17	0	None	No	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-23R	457.4	n/a	1/28/2022	454	No	18	17.66	1.576	0	None	sqrt(x)	0.0006839	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-24R	209	n/a	1/28/2022	159	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWC-25R	196.3	n/a	1/27/2022	168	No	17	24995	5655	0	None	x^2	0.0006839	Param Intra 1 of 2

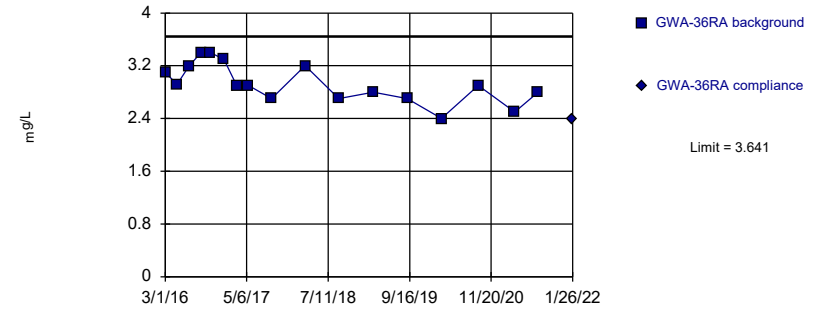
Prediction Limit
Intrawell Parametric, GWA-36 (bg)



Background Data Summary: Mean=2.143, Std. Dev.=0.2134, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9414, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839. Assumes 1 future value.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

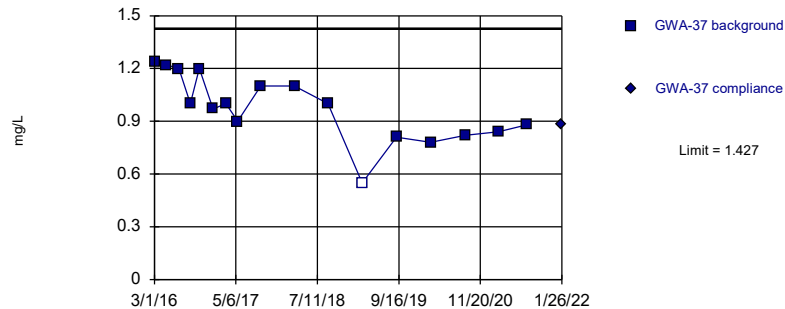
Within Limit Prediction Limit
Intrawell Parametric



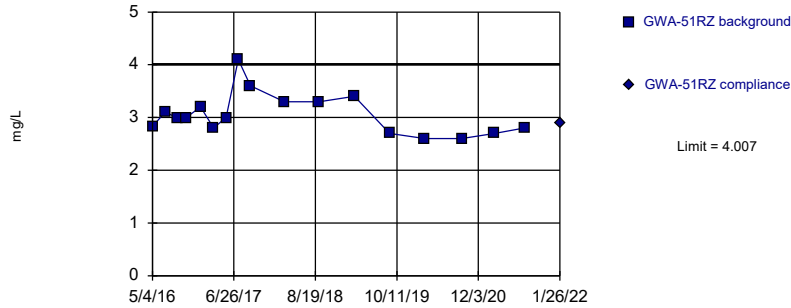
Background Data Summary: Mean=2.93, Std. Dev.=0.2972, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9537, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Parametric



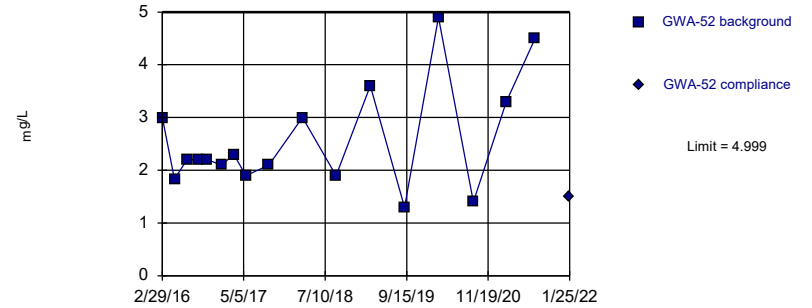
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=3.061, Std. Dev.=0.3958, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9093, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

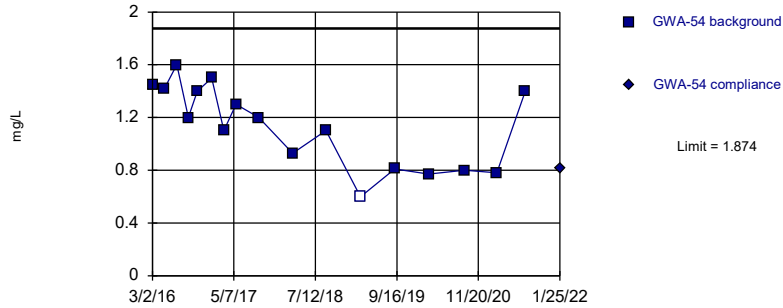
Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
 Intrawell Parametric

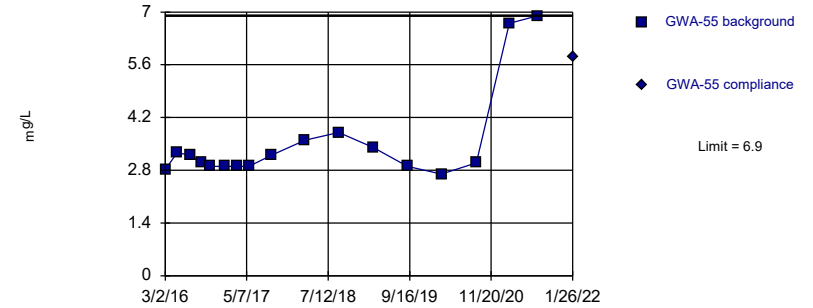


Background Data Summary: Mean=1.139, Std. Dev.=0.3075, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9345, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

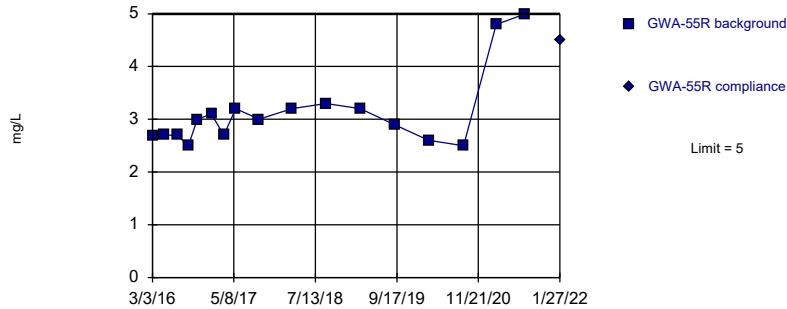


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

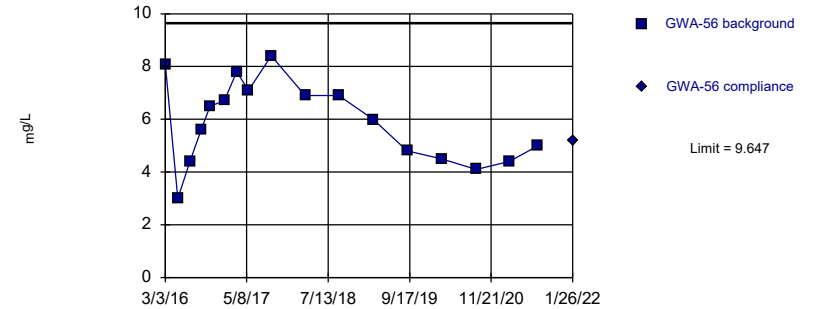


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Parametric

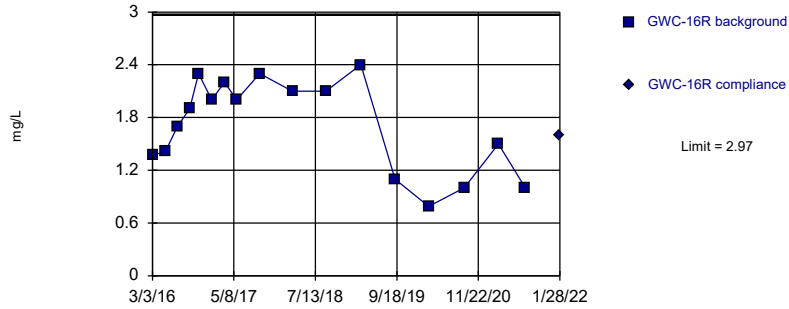


Background Data Summary: Mean=5.893, Std. Dev.=1.569, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9598, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

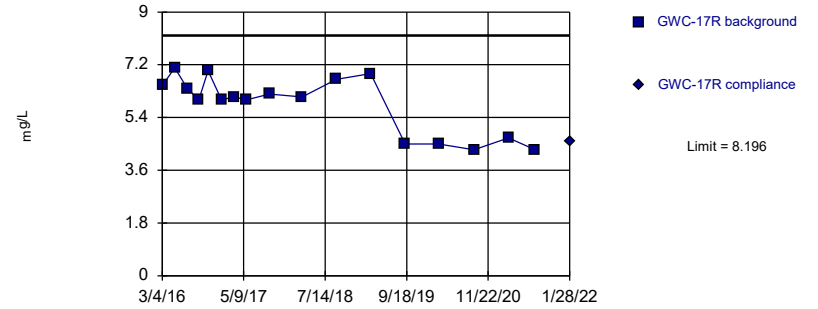


Background Data Summary: Mean=1.716, Std. Dev.=0.5242, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

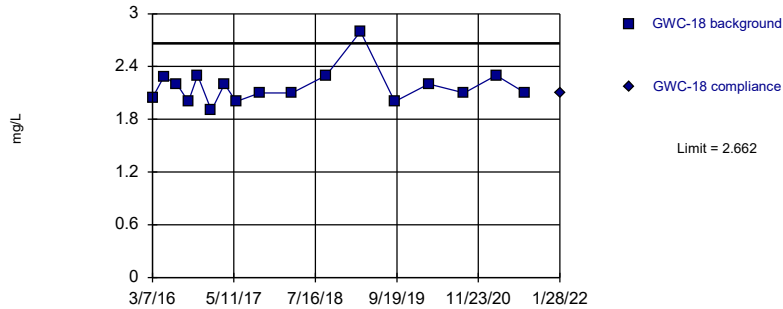


Background Data Summary: Mean=5.841, Std. Dev.=0.9845, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8623, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

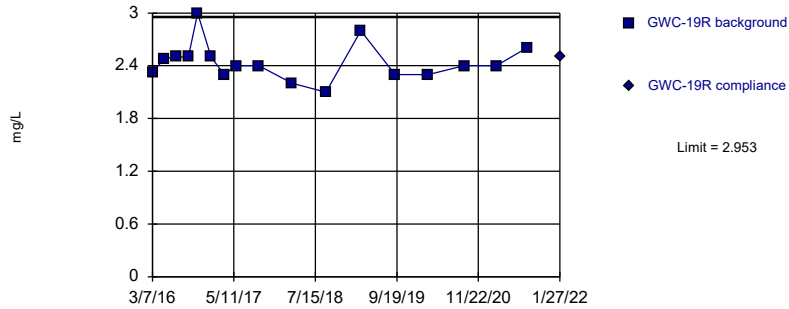
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit Intrawell Parametric

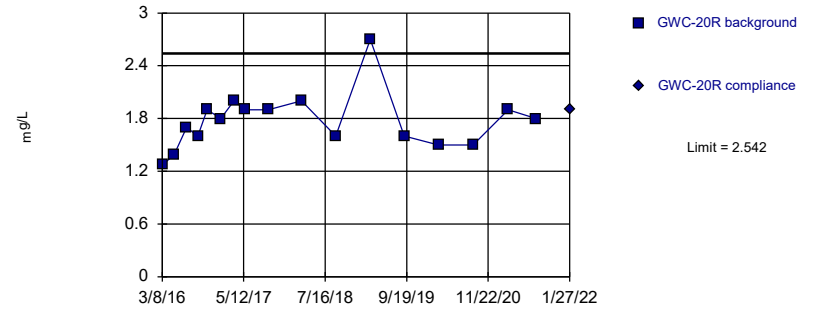


Background Data Summary: Mean=2.441, Std. Dev.=0.214, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Parametric

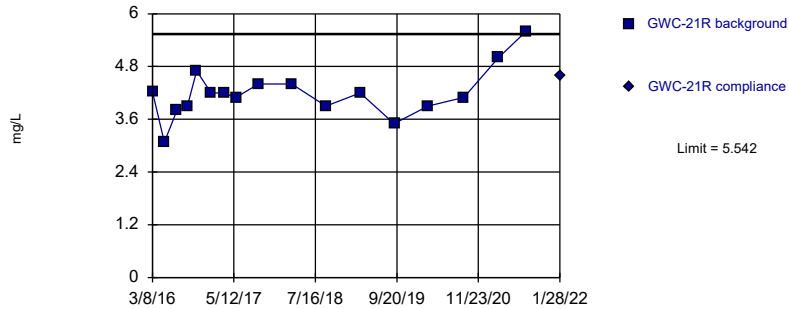


Background Data Summary: Mean=1.768, Std. Dev.=0.3233, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8916, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Parametric

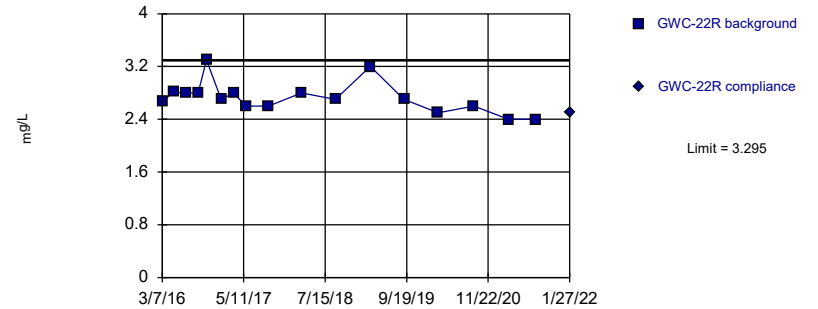


Background Data Summary: Mean=4.188, Std. Dev.=0.5658, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9391, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Parametric

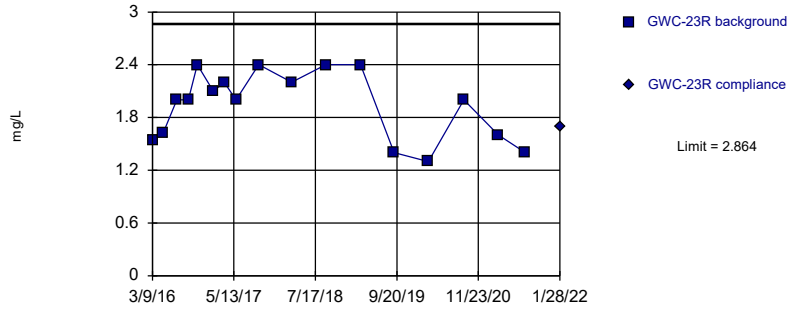


Background Data Summary: Mean=2.728, Std. Dev.=0.2371, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8797, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

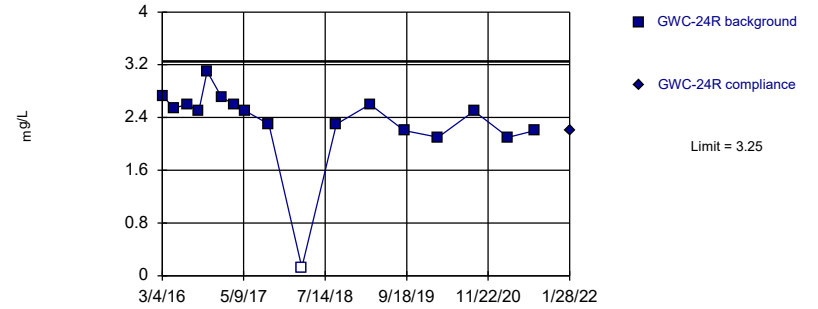


Background Data Summary: Mean=1.939, Std. Dev.=0.3865, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8938, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

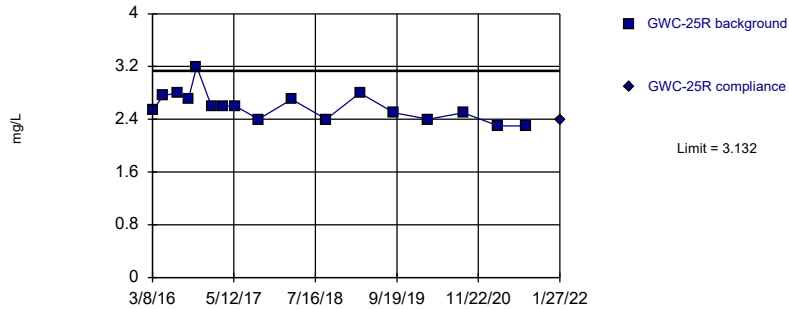


Background Data Summary (based on square transformation): Mean=5.819, Std. Dev.=1.983, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8735, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

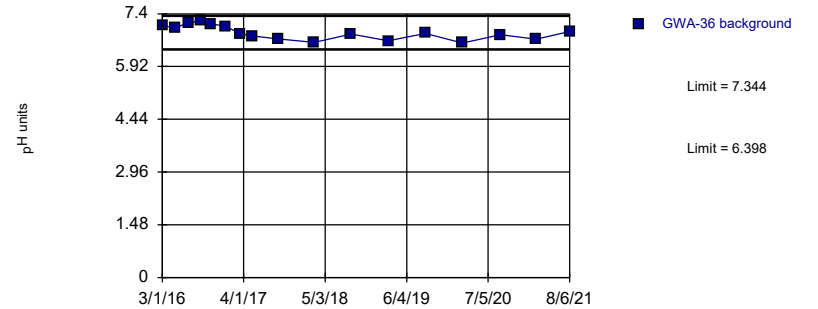


Background Data Summary: Mean=2.594, Std. Dev.=0.225, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9168, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Chloride Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric, GWA-36 (bg)

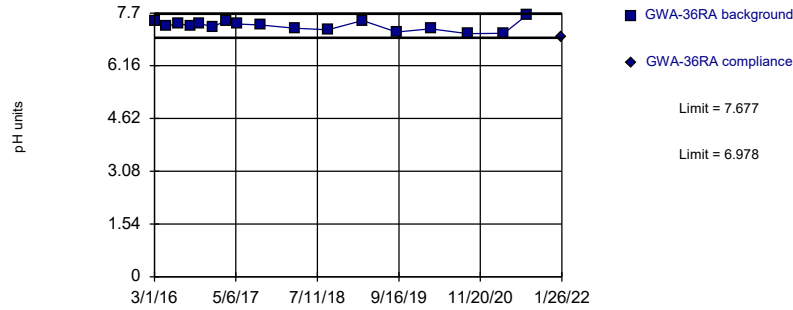


Background Data Summary: Mean=6.871, Std. Dev.=0.1978, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9486, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839. Assumes 1 future value.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

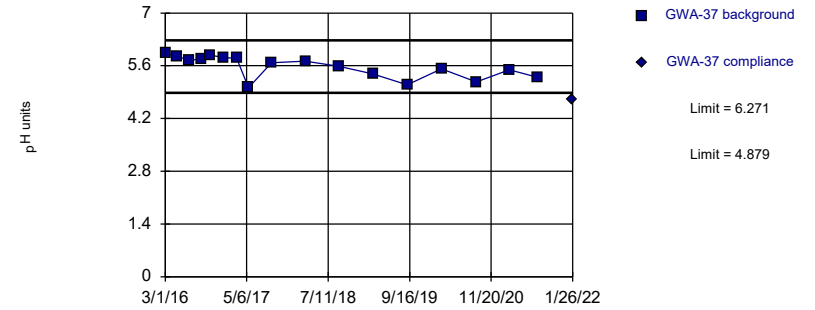


Background Data Summary: Mean=7.328, Std. Dev.=0.1461, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.973, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

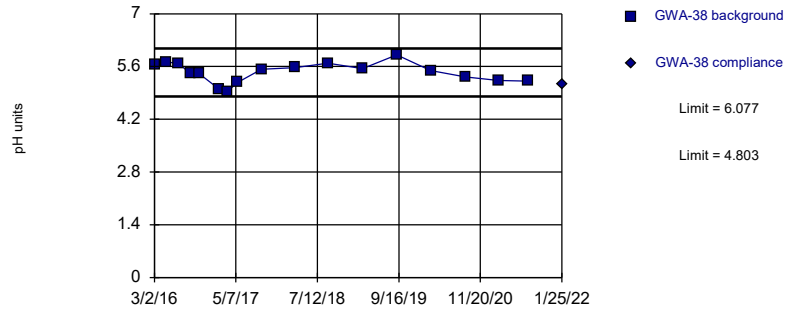


Background Data Summary: Mean=5.575, Std. Dev.=0.291, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9119, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

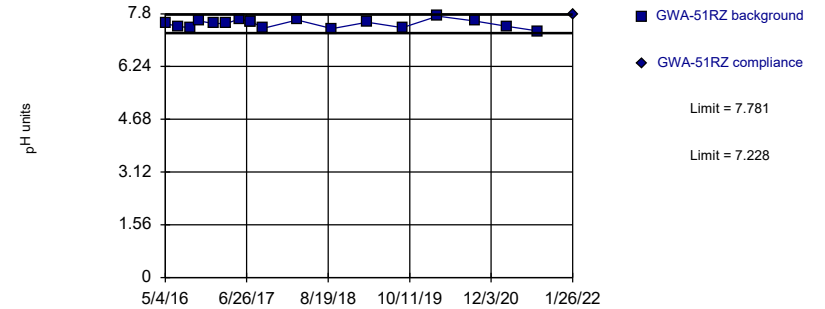


Background Data Summary: Mean=5.44, Std. Dev.=0.2662, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9704, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

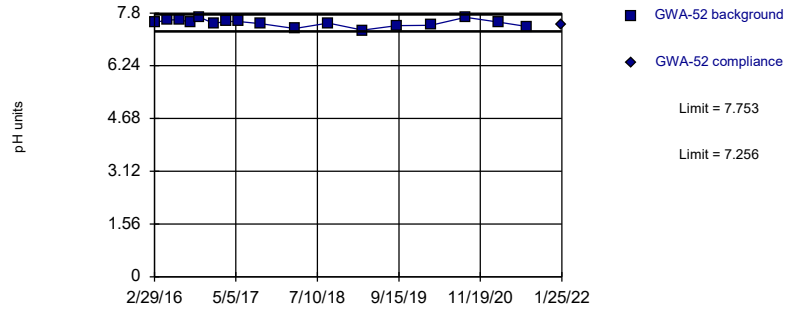


Background Data Summary: Mean=7.504, Std. Dev.=0.117, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9675, critical = 0.858. Kappa = 2.363 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

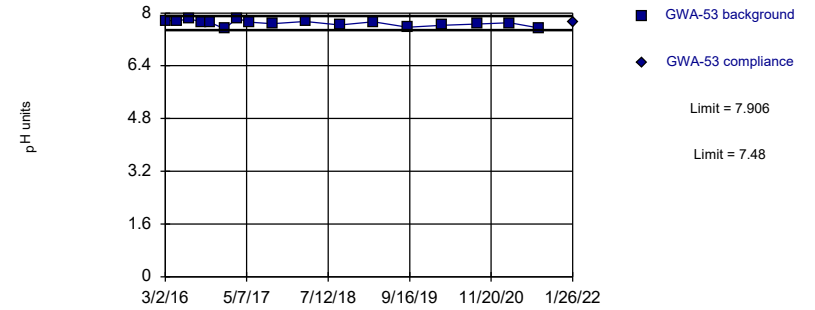


Background Data Summary: Mean=7.505, Std. Dev.=0.104, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

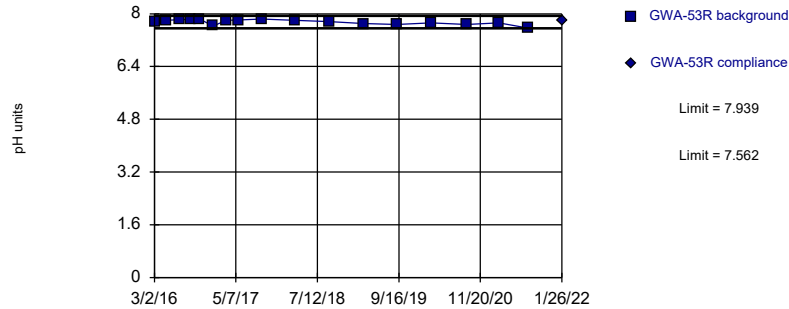


Background Data Summary: Mean=7.693, Std. Dev.=0.08915, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9647, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

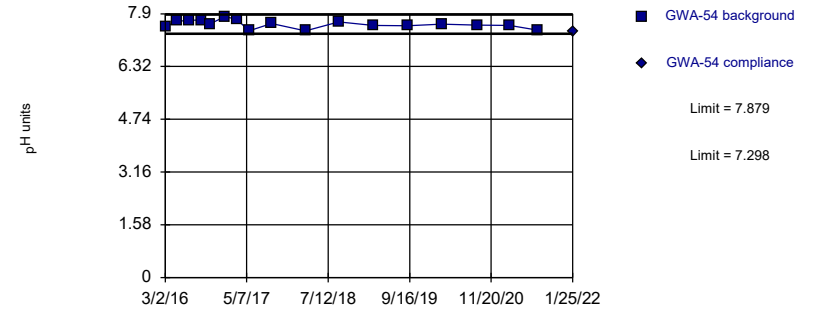


Background Data Summary: Mean=7.751, Std. Dev.=0.07894, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9129, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

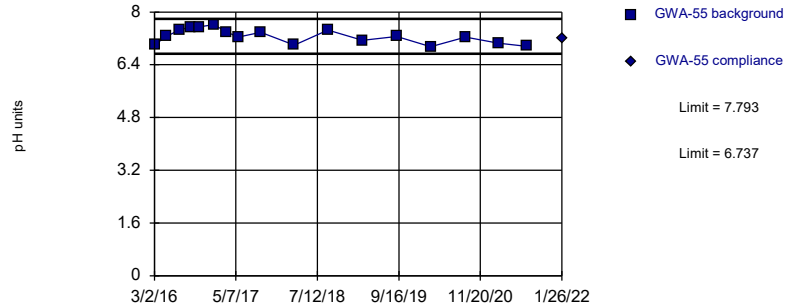


Background Data Summary: Mean=7.588, Std. Dev.=0.1215, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

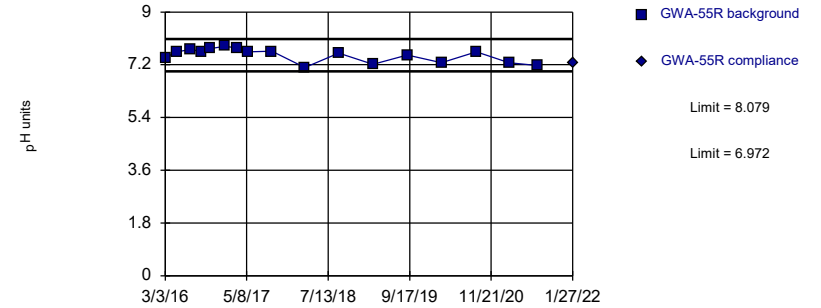


Background Data Summary: Mean=7.265, Std. Dev.=0.2207, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9357, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

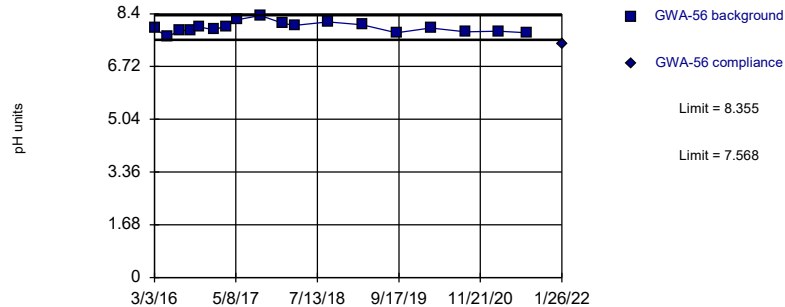


Background Data Summary: Mean=7.525, Std. Dev.=0.2314, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8927, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:58 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

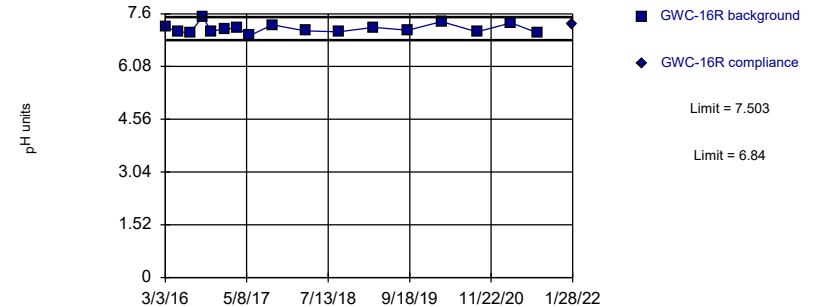


Background Data Summary: Mean=7.962, Std. Dev.=0.1666, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9803, critical = 0.858. Kappa = 2.363 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

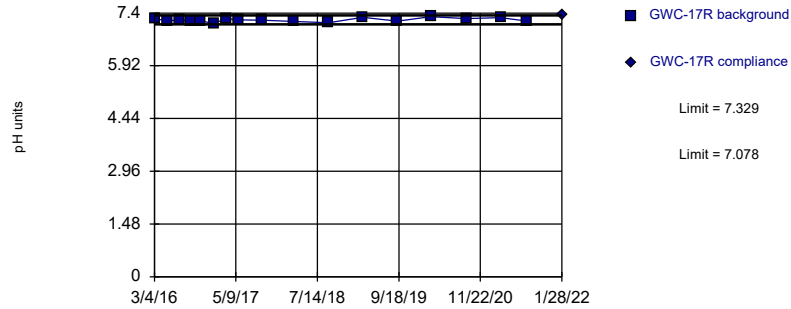


Background Data Summary: Mean=7.172, Std. Dev.=0.1385, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

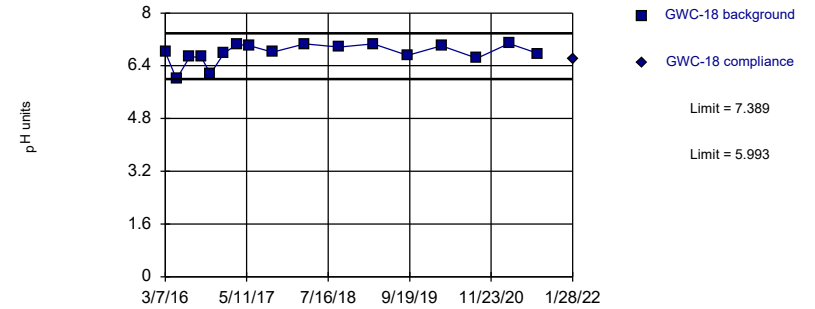


Background Data Summary: Mean=7.204, Std. Dev.=0.05255, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

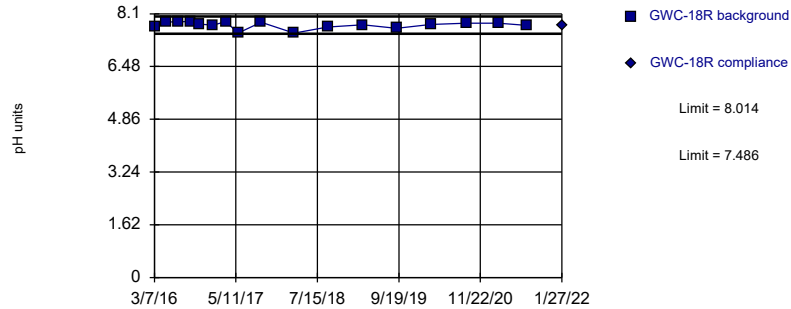


Background Data Summary (based on x^4 transformation): Mean=2135, Std. Dev.=353.4, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8571, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

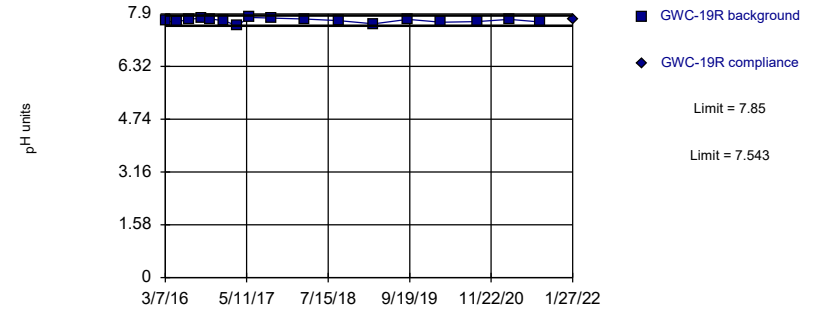


Background Data Summary: Mean=7.75, Std. Dev.=0.1103, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8646, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

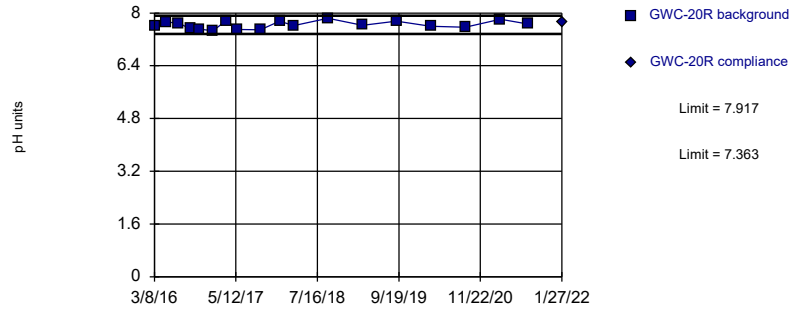


Background Data Summary: Mean=7.696, Std. Dev.=0.06412, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

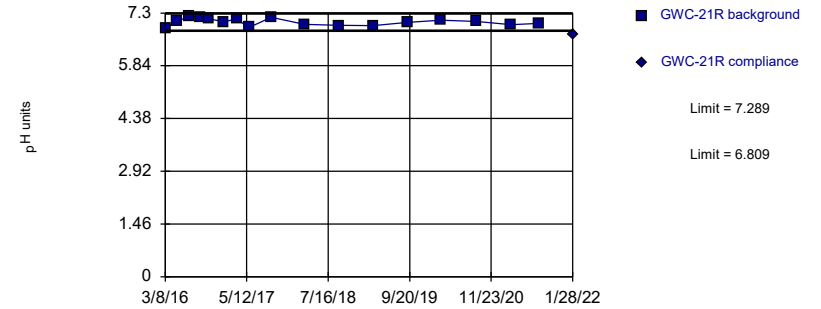


Background Data Summary: Mean=7.64, Std. Dev.=0.1171, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9561, critical = 0.858. Kappa = 2.363 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Exceeds Limits

Prediction Limit
Intrawell Parametric

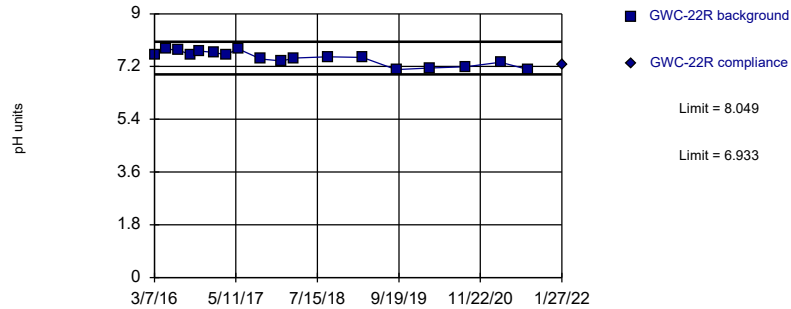


Background Data Summary: Mean=7.049, Std. Dev.=0.1002, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

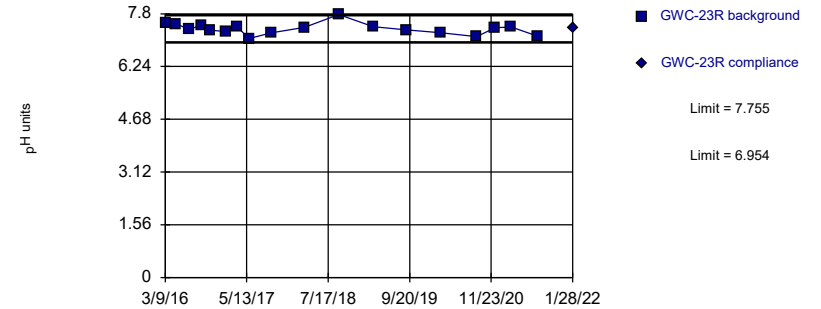


Background Data Summary: Mean=7.491, Std. Dev.=0.2361, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9276, critical = 0.858. Kappa = 2.363 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

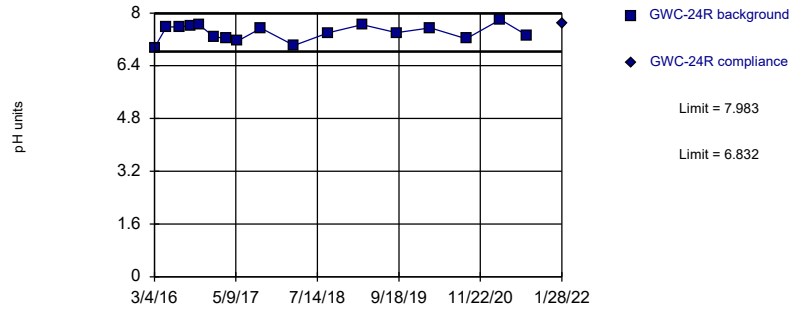


Background Data Summary: Mean=7.354, Std. Dev.=0.1695, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9606, critical = 0.858. Kappa = 2.363 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

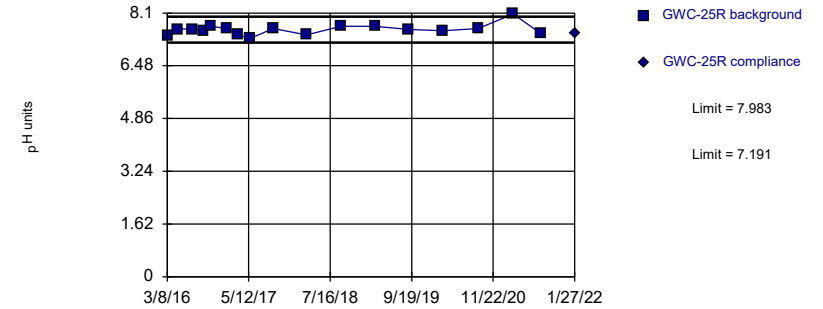


Background Data Summary: Mean=7.408, Std. Dev.=0.2406, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9559, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

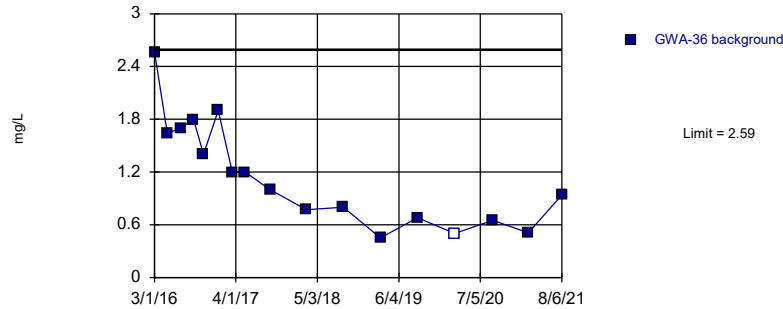
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=7.587, Std. Dev.=0.1654, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8737, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: pH Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Prediction Limit
Intrawell Parametric, GWA-36 (bg)

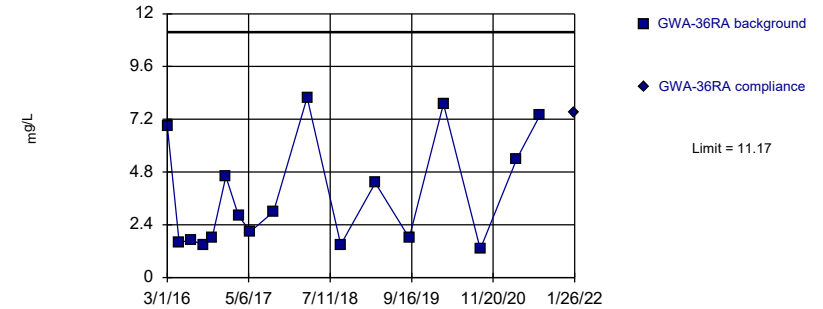


Background Data Summary: Mean=1.159, Std. Dev.=0.5981, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9243, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839. Assumes 1 future value.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limits

Prediction Limit
Intrawell Parametric

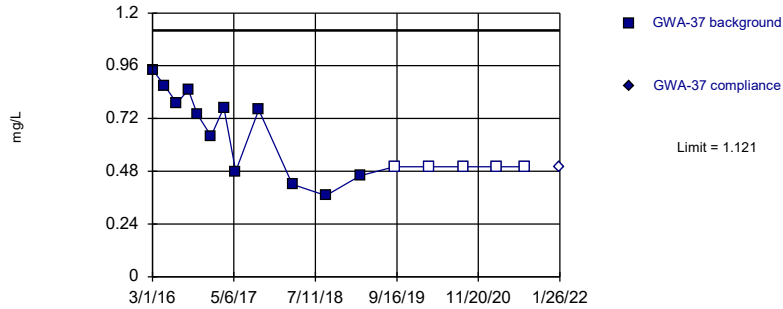


Background Data Summary (based on square root transformation): Mean=1.839, Std. Dev.=0.6284, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8618, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Parametric

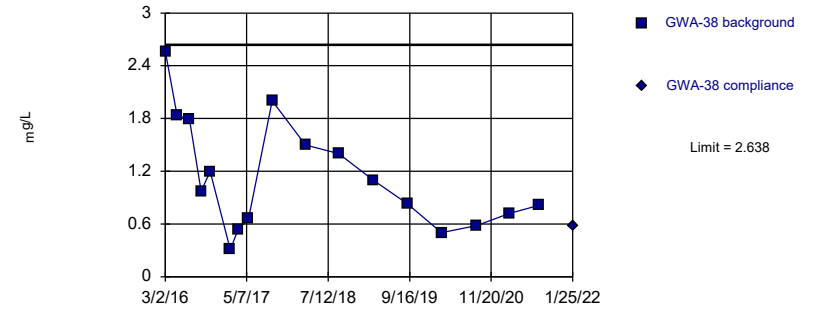


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.6744, Std. Dev.=0.1865, n=17, 29.41% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Parametric

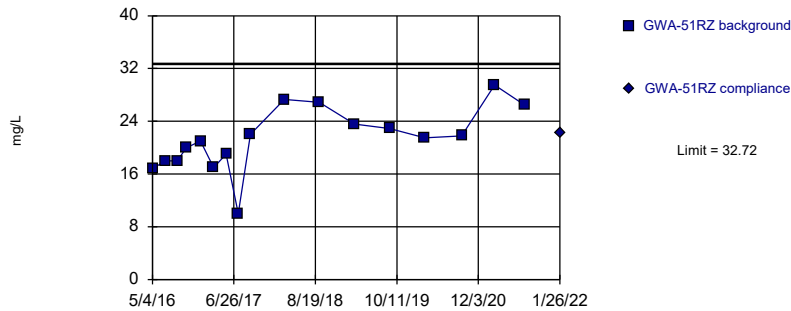


Background Data Summary: Mean=1.136, Std. Dev.=0.6276, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9321, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Parametric

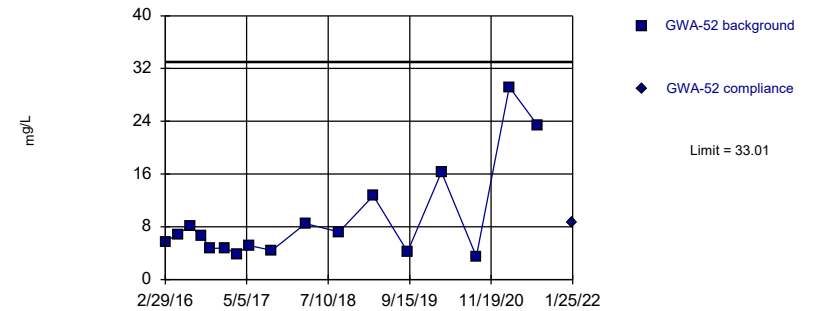


Background Data Summary: Mean=21.28, Std. Dev.=4.78, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9657, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
 Intrawell Parametric

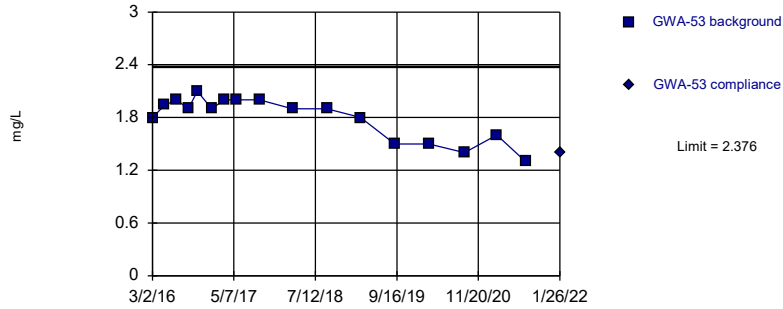


Background Data Summary (based on natural log transformation): Mean=1.995, Std. Dev.=0.6278, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8927, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

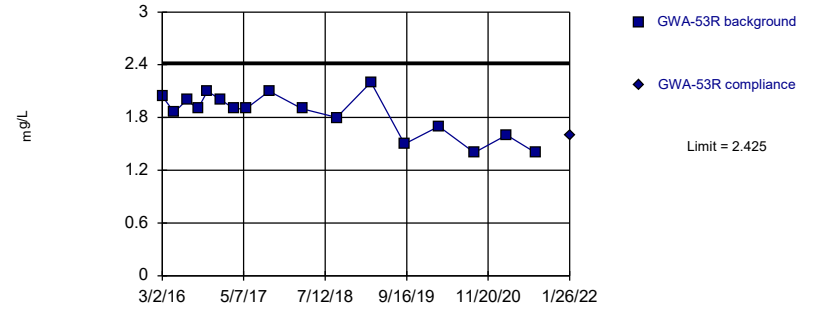


Background Data Summary: Mean=1.796, Std. Dev.=0.2423, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8701, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

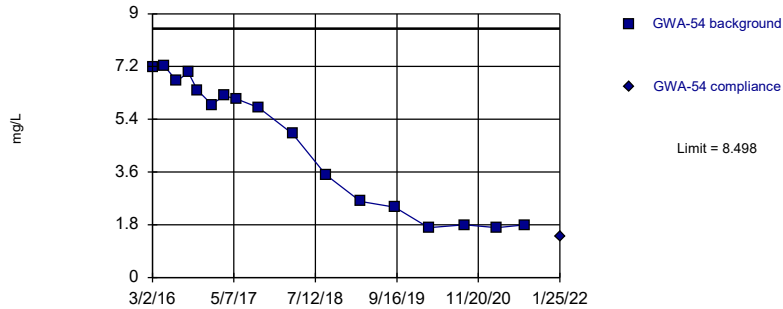


Background Data Summary: Mean=1.841, Std. Dev.=0.244, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

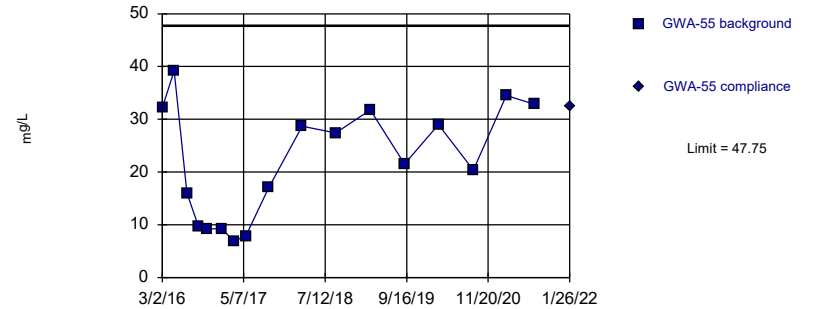


Background Data Summary (based on square transformation): Mean=26.11, Std. Dev.=19.28, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8577, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

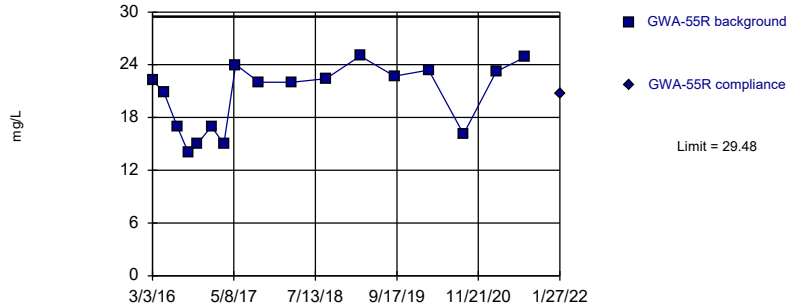


Background Data Summary: Mean=21.97, Std. Dev.=10.78, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Parametric

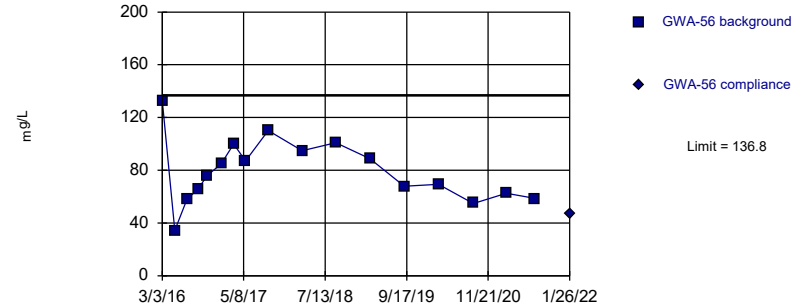


Background Data Summary: Mean=20.4, Std. Dev.=3.794, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8688, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Parametric

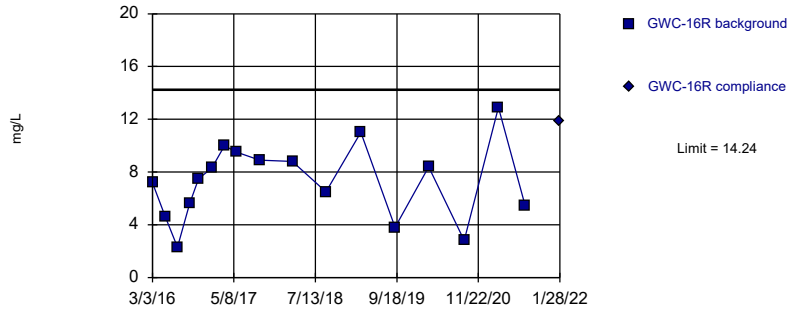


Background Data Summary: Mean=79.21, Std. Dev.=24.09, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9785, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit Intrawell Parametric

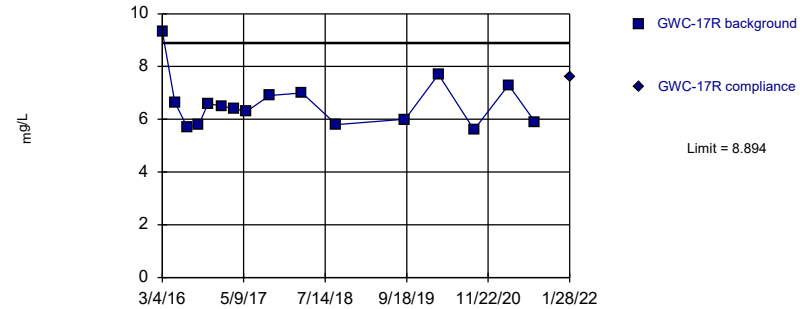


Background Data Summary: Mean=7.264, Std. Dev.=2.917, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9823, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

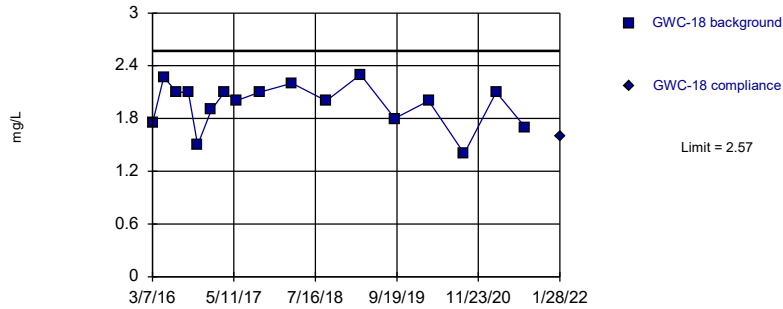
Prediction Limit Intrawell Parametric



Background Data Summary: Mean=6.593, Std. Dev.=0.9504, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8484, critical = 0.844. Kappa = 2.421 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

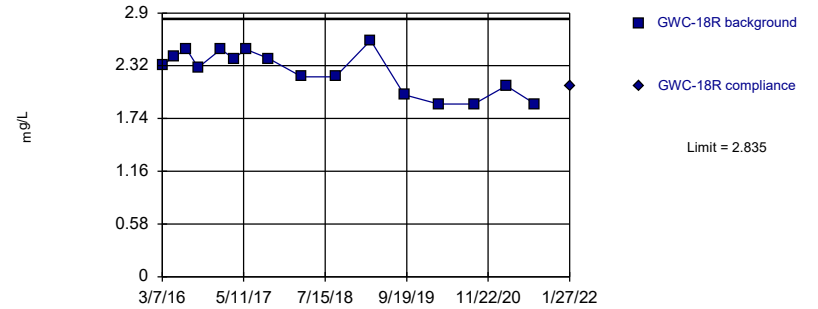
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.96, Std. Dev.=0.2549, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9146, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

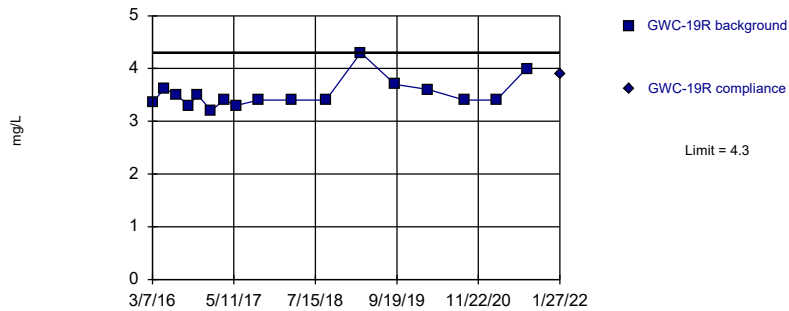
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.259, Std. Dev.=0.2378, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9093, critical = 0.844. Kappa = 2.421 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

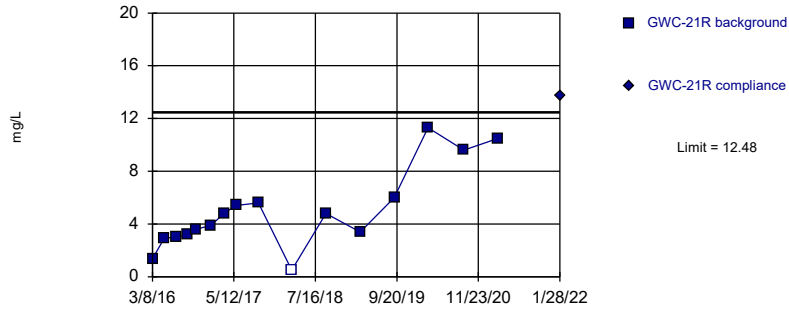
Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Non-parametric



Exceeds Limit

Prediction Limit
Intrawell Parametric

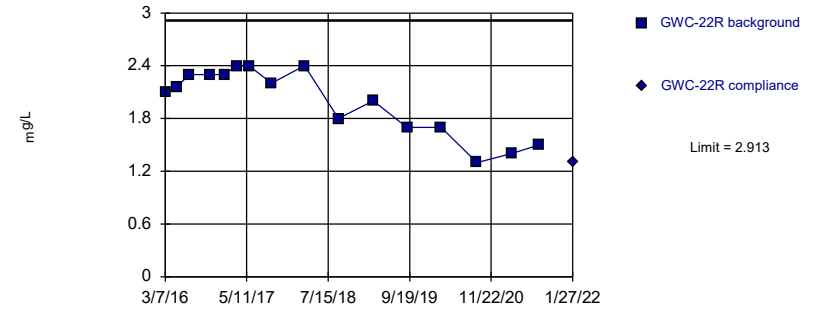


Background Data Summary: Mean=4.995, Std. Dev.=3.09, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9005, critical = 0.844. Kappa = 2.421 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

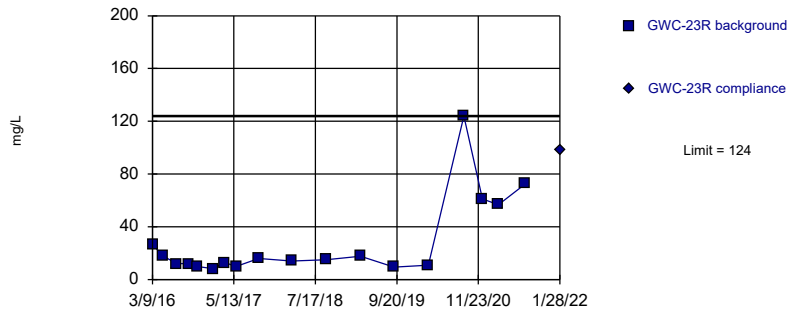


Background Data Summary: Mean=1.998, Std. Dev.=0.3782, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8856, critical = 0.844. Kappa = 2.421 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

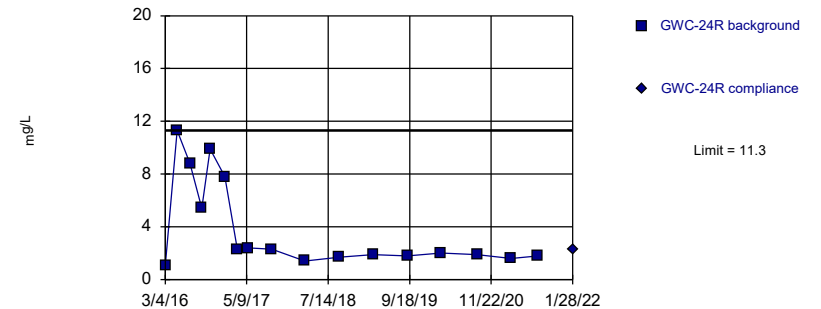


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

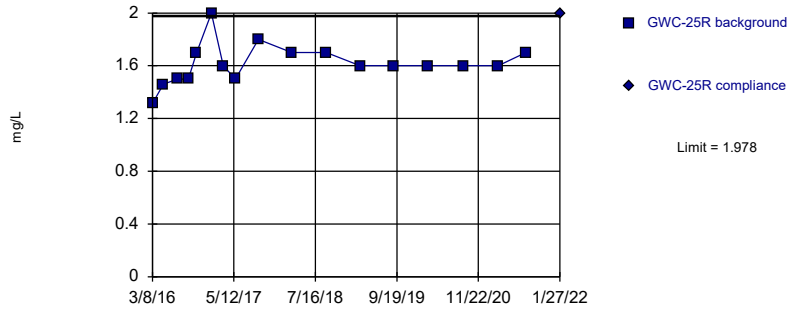


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Exceeds Limit

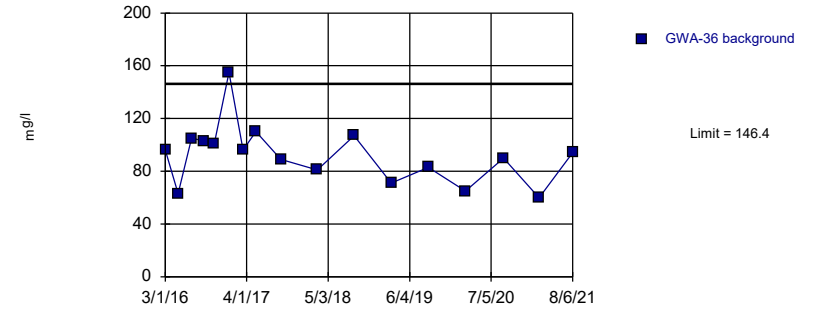
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=1.616, Std. Dev.=0.1512, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Sulfate Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Prediction Limit
Intrawell Parametric, GWA-36 (bg)

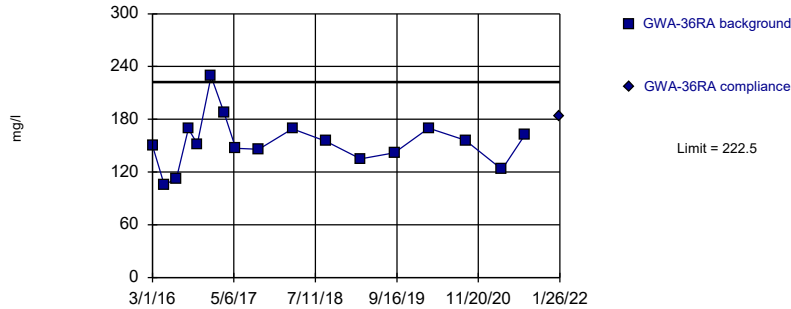


Background Data Summary: Mean=92.29, Std. Dev.=22.6, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9065, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839. Assumes 1 future value.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

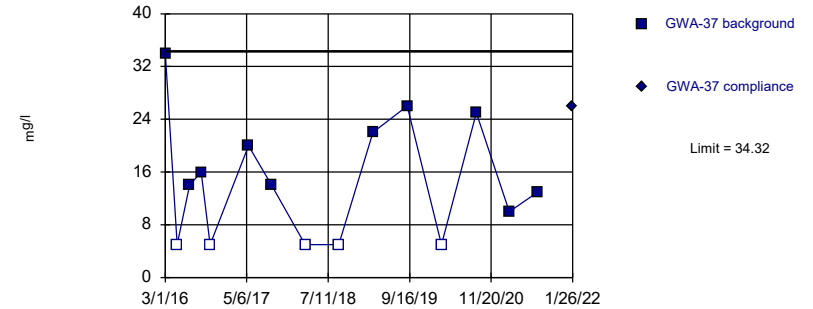


Background Data Summary: Mean=153.6, Std. Dev.=28.78, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9412, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric



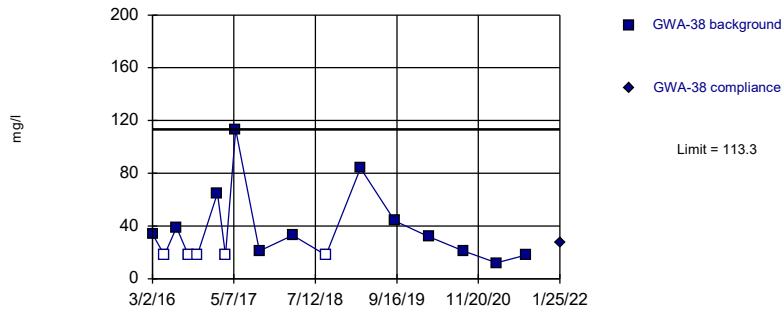
Background Data Summary (after Kaplan-Meier Adjustment): Mean=16.03, Std. Dev.=7.385, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8997, critical = 0.835. Kappa = 2.476 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit

Intrawell Parametric



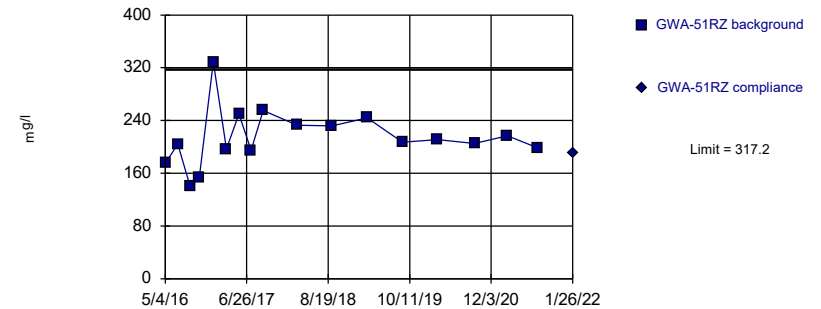
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=3.177, Std. Dev.=0.6948, n=17, 29.41% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8531, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 11:59 AM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit

Intrawell Parametric



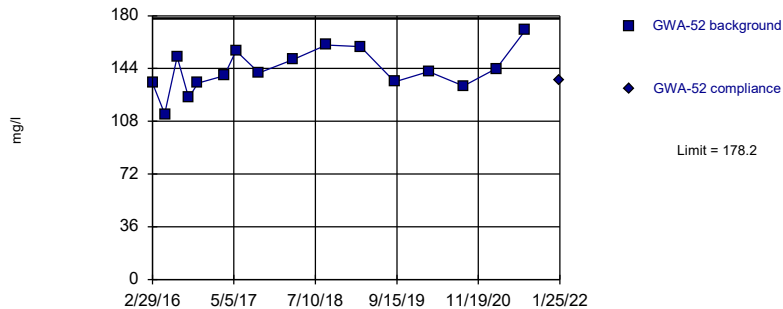
Background Data Summary: Mean=214.5, Std. Dev.=42.92, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9335, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

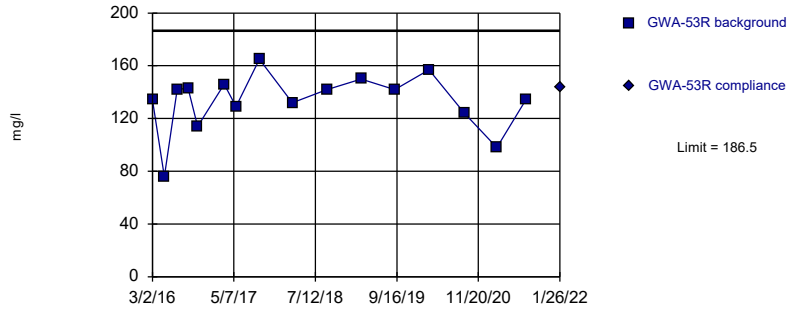
Prediction Limit

Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

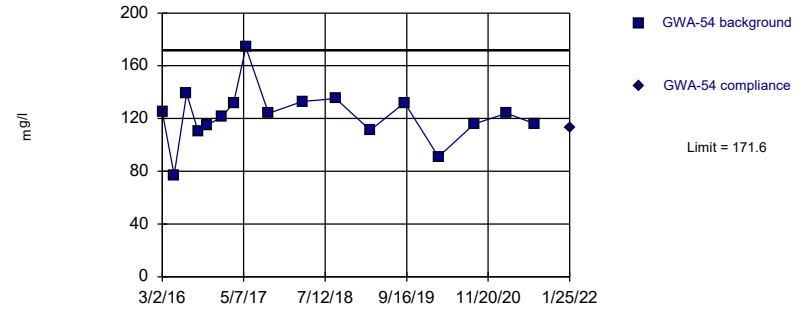


Background Data Summary: Mean=133, Std. Dev.=22.11, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9035, critical = 0.844. Kappa = 2.421 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

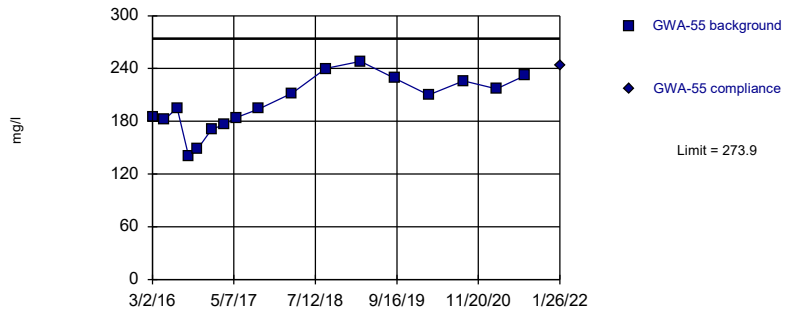


Background Data Summary: Mean=122.1, Std. Dev.=20.73, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

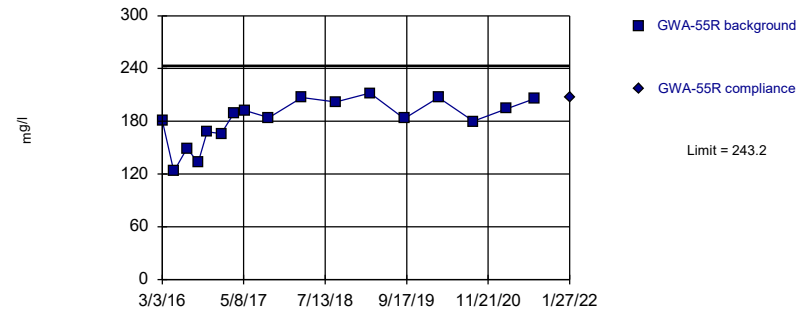


Background Data Summary: Mean=199.4, Std. Dev.=31.18, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9676, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

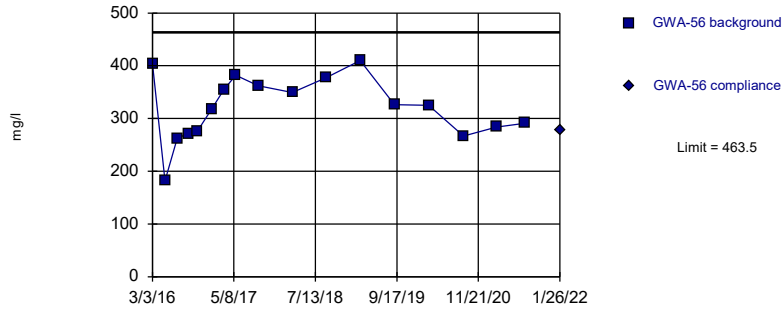
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=180.9, Std. Dev.=26.02, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9023, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

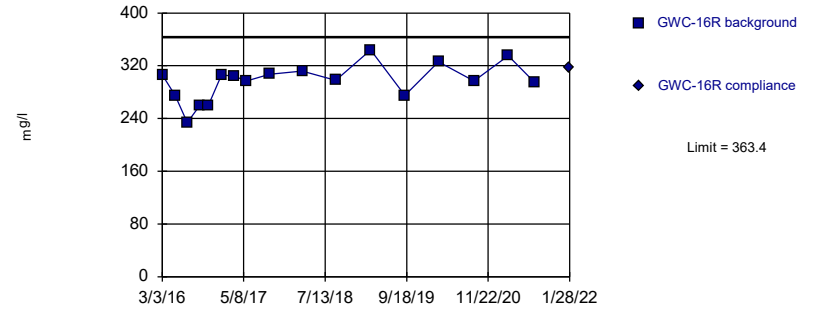
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=320, Std. Dev.=59.99, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9593, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

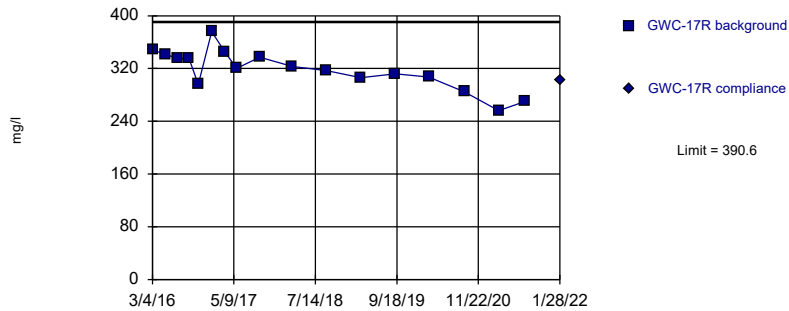
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=295.8, Std. Dev.=28.25, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9608, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

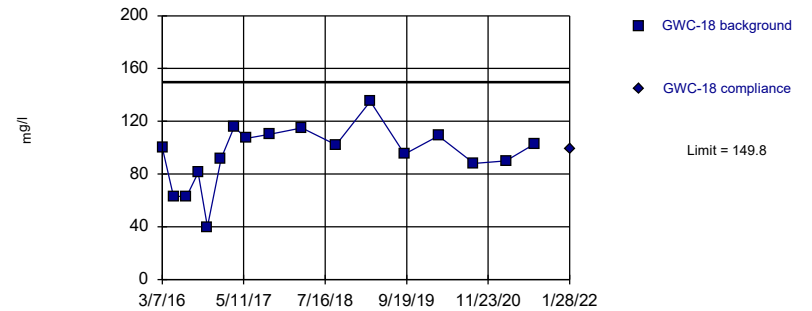
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=318.3, Std. Dev.=30.22, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9771, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

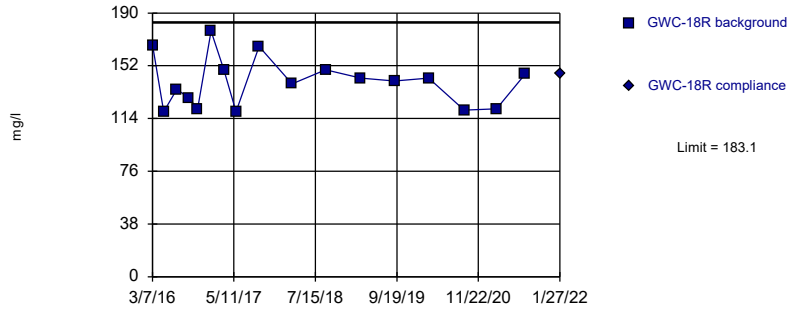
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=94.65, Std. Dev.=23.04, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

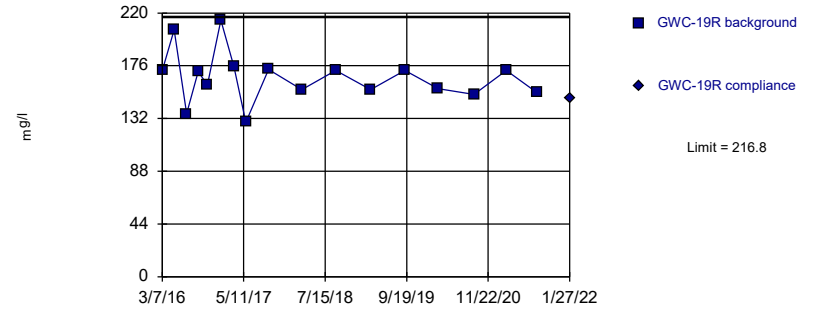
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=140.2, Std. Dev.=17.93, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

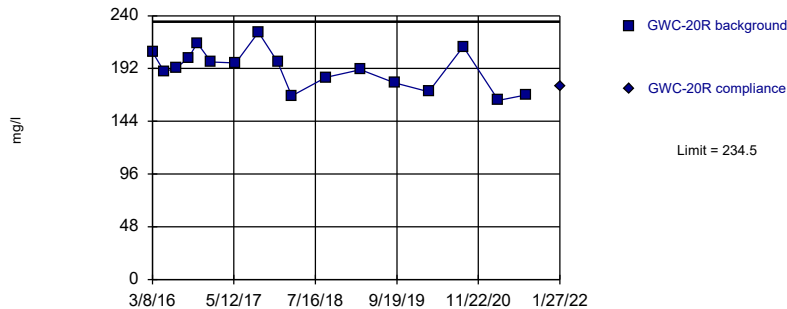
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=166.3, Std. Dev.=21.11, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9089, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

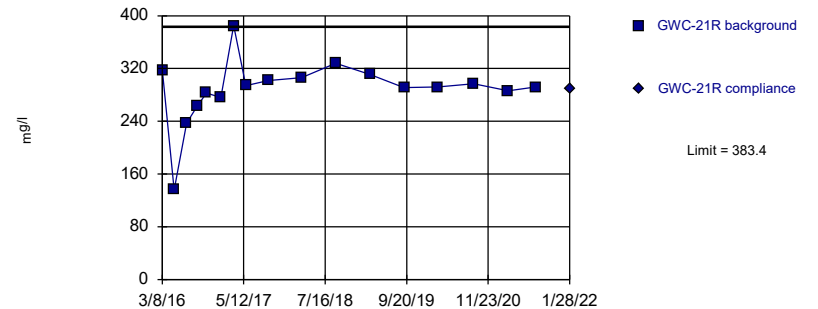
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=191.6, Std. Dev.=17.93, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

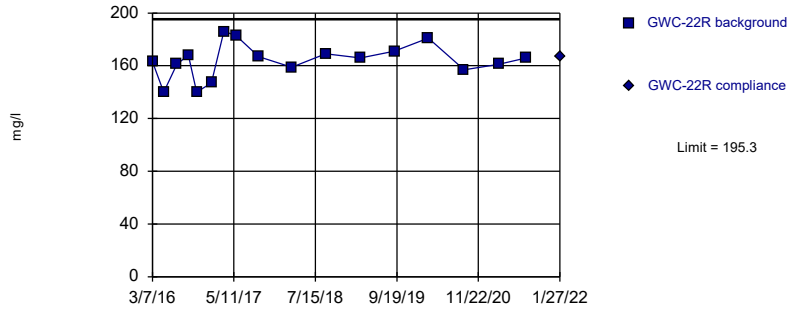
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=85308, Std. Dev.=25795, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8817, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

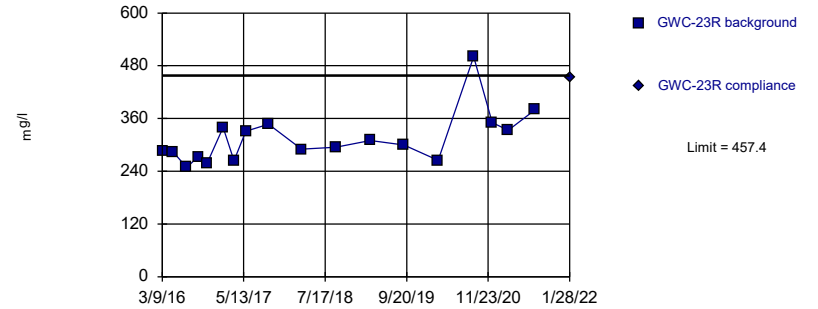
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=163.8, Std. Dev.=13.17, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

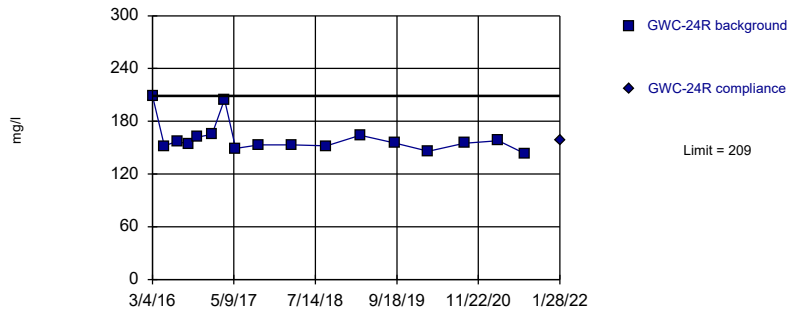
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=17.66, Std. Dev.=1.576, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8704, critical = 0.858. Kappa = 2.363 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

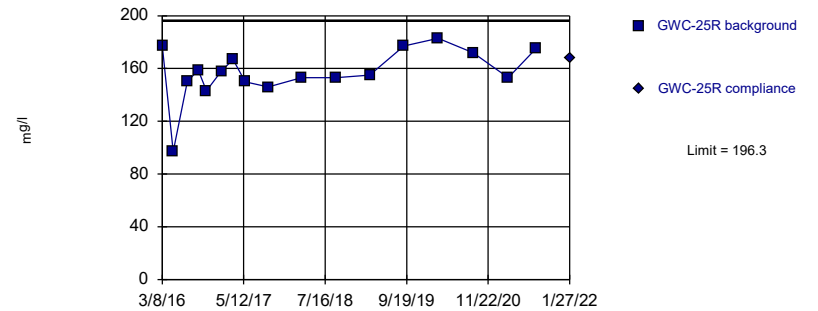
Within Limit Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary (based on square transformation): Mean=24995, Std. Dev.=5655, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8993, critical = 0.851. Kappa = 2.392 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006839.

Constituent: Total Dissolved Solids Analysis Run 8/23/2022 12:00 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
3/1/2016	2.4587
5/2/2016	2.28
7/7/2016	2.4
9/7/2016	2.3
10/25/2016	2
1/5/2017	2.5 (J)
3/15/2017	2.1
5/17/2017	1.8
9/15/2017	2.1
3/12/2018	2.2
9/6/2018	2
3/6/2019	2.4
9/4/2019	2
3/2/2020	2.1
9/3/2020	1.9
2/24/2021	2
8/6/2021	1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
3/1/2016	3.096	
5/2/2016	2.92	
7/6/2016	3.2	
9/7/2016	3.4	
10/25/2016	3.4	
1/5/2017	3.3	
3/14/2017	2.9	
5/16/2017	2.9	
9/15/2017	2.7	
3/12/2018	3.2	
9/6/2018	2.7	
3/7/2019	2.8	
9/4/2019	2.7	
3/2/2020	2.4	
9/14/2020	2.9	
3/26/2021	2.5	
7/27/2021	2.8	
1/26/2022		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
3/1/2016	1.2389	
5/3/2016	1.22	
7/8/2016	1.2	
9/7/2016	1	
10/25/2016	1.2	
1/6/2017	0.97	
3/14/2017	1	
5/16/2017	0.9	
9/15/2017	1.1	
3/12/2018	1.1	
9/6/2018	1	
3/6/2019	<1.1	
9/4/2019	0.81 (J)	
3/2/2020	0.78 (J)	
9/3/2020	0.82 (J)	
2/24/2021	0.84 (J)	
7/28/2021	0.88 (J)	
1/26/2022		0.88 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
3/2/2016	2.4559	
5/3/2016	2.49	
7/7/2016	2.5	
9/8/2016	2.2	
10/25/2016	2.5	
2/9/2017	2	
3/23/2017	2.2	
5/17/2017	2.4	
9/19/2017	2.5	
3/13/2018	2.4	
9/6/2018	2.7	
3/7/2019	2.9	
9/4/2019	2.9	
3/2/2020	2.5	
9/3/2020	2.9	
2/24/2021	3.1	
7/28/2021	3.3	
1/25/2022		3.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/4/2016	2.83 (D)	
7/7/2016	3.1 (D)	
9/8/2016	3 (D)	
10/26/2016	3 (D)	
1/6/2017	3.2 (D)	
3/15/2017	2.8 (D)	
5/18/2017	3 (D)	
7/19/2017	4.1 (D)	
9/19/2017	3.6 (D)	
3/13/2018	3.3	
9/7/2018	3.3	
3/8/2019	3.4	
9/4/2019	2.7	
3/3/2020	2.6	
9/9/2020	2.6	
2/25/2021	2.7	
7/28/2021	2.8	
1/26/2022		2.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs Inrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
2/29/2016	2.9988	
5/4/2016	1.83	
7/8/2016	2.2	
9/8/2016	2.2	
10/26/2016	2.2	
1/6/2017	2.1	
3/15/2017	2.3	
5/17/2017	1.9	
9/15/2017	2.1	
3/13/2018	3	
9/6/2018	1.9	
3/7/2019	3.6	
9/4/2019	1.3	
3/2/2020	4.9	
9/3/2020	1.4	
2/24/2021	3.3	
7/27/2021	4.5	
1/25/2022		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs Inrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
3/2/2016	2.3976	
5/3/2016	2.54	
7/8/2016	2.6	
9/8/2016	2.5	
10/26/2016	2.6	
1/9/2017	2.5	
3/16/2017	2.4	
5/19/2017	2.3	
9/19/2017	2.3	
3/13/2018	2.7	
9/11/2018	2.4	
3/8/2019	2.7	
9/5/2019	2.3	
3/4/2020	2.2	
9/8/2020	2.3	
2/26/2021	2.3	
7/29/2021	2.1	
1/26/2022		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
3/2/2016	2.556	
5/3/2016	2.59	
7/11/2016	2.6	
9/7/2016	2.6	
10/27/2016	3	
1/6/2017	2.5	
3/16/2017	2.5	
5/19/2017	2.3	
9/19/2017	2.4	
3/13/2018	2.6	
9/11/2018	2.4	
3/12/2019	3.3	
9/5/2019	2.4	
3/4/2020	2.3	
9/8/2020	2.3	
2/26/2021	2.4	
7/29/2021	2.3	
1/26/2022		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
3/2/2016	1.4496	
5/4/2016	1.42	
7/8/2016	1.6	
9/8/2016	1.2	
10/26/2016	1.4	
1/9/2017	1.5	
3/15/2017	1.1	
5/18/2017	1.3	
9/15/2017	1.2	
3/13/2018	0.93	
9/6/2018	1.1	
3/7/2019	<1.2	
9/5/2019	0.81 (J)	
3/3/2020	0.77 (J)	
9/8/2020	0.8 (J)	
2/25/2021	0.78 (J)	
7/27/2021	1.4	
1/25/2022		0.81 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
3/2/2016	2.815	
5/3/2016	3.27	
7/11/2016	3.2	
9/9/2016	3	
10/26/2016	2.9	
1/9/2017	2.9	
3/16/2017	2.9	
5/18/2017	2.9	
9/15/2017	3.2	
3/12/2018	3.6	
9/7/2018	3.8	
3/8/2019	3.4	
9/5/2019	2.9	
3/3/2020	2.7	
9/4/2020	3	
2/25/2021	6.7	
7/28/2021	6.9	
1/26/2022		5.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
3/3/2016	2.6912	
5/3/2016	2.7	
7/11/2016	2.7	
9/9/2016	2.5	
10/27/2016	3	
1/9/2017	3.1	
3/16/2017	2.7	
5/18/2017	3.2	
9/18/2017	3	
3/12/2018	3.2	
9/7/2018	3.3	
3/7/2019	3.2	
9/5/2019	2.9	
3/4/2020	2.6	
9/4/2020	2.5	
2/25/2021	4.8	
7/28/2021	5	
1/27/2022		4.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs Inrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
3/3/2016	8.0925	
5/9/2016	2.99	
7/11/2016	4.4	
9/9/2016	5.6	
10/26/2016	6.5	
1/9/2017	6.7	
3/15/2017	7.8	
5/18/2017	7.1	
9/15/2017	8.4	
3/13/2018	6.9	
9/7/2018	6.9	
3/7/2019	6	
9/4/2019	4.8	
3/4/2020	4.5	
9/4/2020	4.1	
2/25/2021	4.4	
7/28/2021	5	
1/26/2022		5.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
3/3/2016	1.3707 (D)	
5/10/2016	1.41	
7/13/2016	1.7	
9/15/2016	1.9	
11/2/2016	2.3	
1/11/2017	2	
3/20/2017	2.2	
5/23/2017	2	
9/21/2017	2.3	
3/14/2018	2.1	
9/7/2018	2.1	
3/11/2019	2.4	
9/9/2019	1.1	
3/4/2020	0.79 (J)	
9/9/2020	1 (J)	
3/9/2021	1.5	
7/30/2021	1	
1/28/2022		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
3/4/2016	6.4905	
5/10/2016	7.1	
7/14/2016	6.4	
9/14/2016	6	
11/1/2016	7	
1/11/2017	6	
3/21/2017	6.1	
5/23/2017	6	
9/22/2017	6.2	
3/14/2018	6.1	
9/11/2018	6.7	
3/12/2019	6.9	
9/10/2019	4.5	
3/5/2020	4.5	
9/9/2020	4.3	
3/10/2021	4.7	
7/30/2021	4.3	
1/28/2022		4.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
3/7/2016	2.0446	
5/5/2016	2.28	
7/13/2016	2.2	
9/13/2016	2	
10/31/2016	2.3	
1/12/2017	1.9	
3/23/2017	2.2	
5/23/2017	2	
9/25/2017	2.1	
3/14/2018	2.1	
9/11/2018	2.3	
3/12/2019	2.8	
9/9/2019	2	
3/6/2020	2.2	
9/9/2020	2.1	
2/26/2021	2.3	
7/29/2021	2.1	
1/28/2022		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
3/7/2016	2.2698	
5/5/2016	2.48	
7/13/2016	2.5	
9/12/2016	2.5	
11/1/2016	2.9	
1/11/2017	2.5	
3/20/2017	2.2	
5/22/2017	2.3	
9/21/2017	2.3	
3/14/2018	2.2	
9/7/2018	2.3	
3/12/2019	3.3	
9/6/2019	2.3	
3/5/2020	2.2	
9/9/2020	2.3	
2/26/2021	2.4	
7/29/2021	2.2	
1/27/2022		2.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs Inrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
3/7/2016	2.3254	
5/9/2016	2.48	
7/14/2016	2.5	
9/12/2016	2.5	
10/31/2016	3	
1/11/2017	2.5	
3/21/2017	2.3	
5/22/2017	2.4	
9/20/2017	2.4	
3/14/2018	2.2	
9/10/2018	2.1	
3/12/2019	2.8	
9/9/2019	2.3	
3/4/2020	2.3	
9/9/2020	2.4	
2/26/2021	2.4	
8/5/2021	2.6	
1/27/2022		2.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
3/8/2016	1.2699	
5/9/2016	1.39	
7/14/2016	1.7	
9/12/2016	1.6	
10/31/2016	1.9	
1/12/2017	1.8	
3/22/2017	2	
5/22/2017	1.9	
9/19/2017	1.9	
3/14/2018	2	
9/10/2018	1.6	
3/12/2019	2.7	
9/6/2019	1.6 (D)	
3/5/2020	1.5	
9/4/2020	1.5	
3/9/2021	1.9	
8/2/2021	1.8	
1/27/2022		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs Inrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
3/8/2016	4.2184	
5/9/2016	3.08	
7/15/2016	3.8	
9/9/2016	3.9	
10/27/2016	4.7	
1/12/2017	4.2	
3/21/2017	4.2	
5/23/2017	4.1	
9/19/2017	4.4	
3/14/2018	4.4	
9/10/2018	3.9	
3/11/2019	4.2	
9/6/2019	3.5	
3/3/2020	3.9	
9/8/2020	4.1	
3/9/2021	5	
8/2/2021	5.6	
1/28/2022		4.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs Inrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
3/7/2016	2.6729	
5/5/2016	2.81	
7/14/2016	2.8	
9/12/2016	2.8	
10/27/2016	3.3	
1/13/2017	2.7	
3/20/2017	2.8	
5/23/2017	2.6	
9/19/2017	2.6	
3/13/2018	2.8	
9/7/2018	2.7	
3/11/2019	3.2	
9/5/2019	2.7	
3/3/2020	2.5	
9/8/2020	2.6	
3/9/2021	2.4	
8/2/2021	2.4	
1/27/2022		2.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
3/9/2016	1.5349	
5/6/2016	1.63	
7/15/2016	2	
9/14/2016	2	
11/1/2016	2.4	
1/25/2017	2.1	
3/22/2017	2.2	
5/24/2017	2	
9/21/2017	2.4	
3/14/2018	2.2	
9/11/2018	2.4	
3/12/2019	2.4	
9/6/2019	1.4	
3/5/2020	1.3	
9/9/2020	2	
3/10/2021	1.6	
7/30/2021	1.4	
1/28/2022		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
3/4/2016	2.7291	
5/5/2016	2.54	
7/12/2016	2.6	
9/13/2016	2.5	
10/27/2016	3.1	
1/13/2017	2.7	
3/20/2017	2.6	
5/19/2017	2.5	
9/19/2017	2.3	
3/13/2018	<0.25	
9/11/2018	2.3	
3/8/2019	2.6	
9/5/2019	2.2	
3/3/2020	2.1	
9/9/2020	2.5	
3/9/2021	2.1	
7/29/2021	2.2	
1/28/2022		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
3/8/2016	2.5307	
5/4/2016	2.76	
7/18/2016	2.8	
9/13/2016	2.7	
10/27/2016	3.2	
1/13/2017	2.6	
3/16/2017	2.6	
5/19/2017	2.6	
9/19/2017	2.4	
3/13/2018	2.7	
9/11/2018	2.4	
3/8/2019	2.8	
9/5/2019	2.5	
3/3/2020	2.4	
9/4/2020	2.5	
3/9/2021	2.3	
8/2/2021	2.3	
1/27/2022		2.4

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
3/1/2016	7.07
5/2/2016	7
7/7/2016	7.15
9/7/2016	7.2
10/25/2016	7.12
1/5/2017	7.05
3/15/2017	6.84
5/17/2017	6.78
9/15/2017	6.7
3/12/2018	6.6
9/6/2018	6.83
3/6/2019	6.64
9/4/2019	6.85
3/2/2020	6.58
9/3/2020	6.81
2/24/2021	6.69
8/6/2021	6.9

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
3/1/2016	7.45	
5/2/2016	7.31	
7/6/2016	7.4	
9/7/2016	7.32	
10/25/2016	7.4	
1/5/2017	7.29	
3/14/2017	7.48	
5/16/2017	7.38	
9/15/2017	7.35	
3/12/2018	7.26	
9/6/2018	7.21	
3/7/2019	7.48	
9/4/2019	7.14	
3/2/2020	7.24	
9/14/2020	7.1	
3/26/2021	7.11	
7/27/2021	7.65	
1/26/2022		7.01

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
3/1/2016	5.94 (D)	
5/3/2016	5.85	
7/8/2016	5.74	
9/7/2016	5.79	
10/25/2016	5.88	
1/6/2017	5.82	
3/14/2017	5.8	
5/16/2017	5.02	
9/15/2017	5.68	
3/12/2018	5.72	
9/6/2018	5.59	
3/6/2019	5.38	
9/4/2019	5.09	
3/2/2020	5.52	
9/3/2020	5.17	
2/24/2021	5.49	
7/28/2021	5.29	
1/26/2022		4.69

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
3/2/2016	5.65	
5/3/2016	5.72	
7/7/2016	5.68	
9/8/2016	5.42	
10/25/2016	5.41	
2/9/2017	4.99	
3/23/2017	4.94	
5/17/2017	5.18	
9/19/2017	5.53	
3/13/2018	5.57	
9/6/2018	5.69	
3/7/2019	5.54	
9/4/2019	5.91 (D)	
3/2/2020	5.49	
9/3/2020	5.32	
2/24/2021	5.23	
7/28/2021	5.21	
1/25/2022		5.14

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/4/2016	7.52 (D)	
7/7/2016	7.42 (D)	
9/8/2016	7.4 (D)	
10/26/2016	7.59 (D)	
1/6/2017	7.51 (D)	
3/15/2017	7.51 (D)	
5/18/2017	7.64 (D)	
7/18/2017	7.58	
7/19/2017	7.58 (D)	
9/19/2017	7.37 (D)	
3/13/2018	7.62	
9/7/2018	7.36	
3/8/2019	7.55	
9/4/2019	7.39	
3/3/2020	7.73	
9/9/2020	7.59	
2/25/2021	7.43	
7/28/2021	7.29	
1/26/2022		7.78

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
2/29/2016	7.52	
5/4/2016	7.59	
7/8/2016	7.61	
9/8/2016	7.52	
10/26/2016	7.67	
1/6/2017	7.49	
3/15/2017	7.55	
5/17/2017	7.55	
9/15/2017	7.48	
3/13/2018	7.34	
9/6/2018	7.5	
3/7/2019	7.29	
9/4/2019	7.43	
3/2/2020	7.44	
9/3/2020	7.67	
2/24/2021	7.53	
7/27/2021	7.4	
1/25/2022		7.44

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
3/2/2016	7.77 (D)	
5/3/2016	7.76	
7/8/2016	7.82	
9/8/2016	7.73	
10/26/2016	7.71	
1/9/2017	7.52	
3/16/2017	7.84	
5/19/2017	7.72	
9/19/2017	7.68	
3/13/2018	7.74	
9/11/2018	7.64	
3/8/2019	7.73	
9/5/2019	7.57	
3/4/2020	7.63	
9/8/2020	7.67	
2/26/2021	7.7	
7/29/2021	7.55	
1/26/2022		7.72

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
3/2/2016	7.76	
5/3/2016	7.8	
7/11/2016	7.82	
9/7/2016	7.83	
10/27/2016	7.84	
1/6/2017	7.63	
3/16/2017	7.8	
5/19/2017	7.81	
9/19/2017	7.84	
3/13/2018	7.8	
9/11/2018	7.76	
3/12/2019	7.7	
9/5/2019	7.68	
3/4/2020	7.72	
9/8/2020	7.68	
2/26/2021	7.72	
7/29/2021	7.57	
1/26/2022		7.78

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs Intrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
3/2/2016	7.51	
5/4/2016	7.68	
7/8/2016	7.7	
9/8/2016	7.71	
10/26/2016	7.6	
1/9/2017	7.81	
3/15/2017	7.74	
5/18/2017	7.39	
9/15/2017	7.61	
3/13/2018	7.39	
9/6/2018	7.66	
3/7/2019	7.55	
9/5/2019	7.54	
3/3/2020	7.59	
9/8/2020	7.56	
2/25/2021	7.55	
7/27/2021	7.41	
1/25/2022		7.38

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
3/2/2016	7.01	
5/3/2016	7.26	
7/11/2016	7.45	
9/9/2016	7.55	
10/26/2016	7.55	
1/9/2017	7.62	
3/16/2017	7.4	
5/18/2017	7.24	
9/15/2017	7.38	
3/12/2018	7	
9/7/2018	7.45	
3/8/2019	7.14	
9/5/2019	7.26	
3/3/2020	6.95	
9/4/2020	7.24	
2/25/2021	7.05	
7/28/2021	6.96	
1/26/2022		7.21

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
3/3/2016	7.44	
5/3/2016	7.64	
7/11/2016	7.72	
9/9/2016	7.66	
10/27/2016	7.75	
1/9/2017	7.83	
3/16/2017	7.78	
5/18/2017	7.64	
9/18/2017	7.66	
3/12/2018	7.11	
9/7/2018	7.6	
3/7/2019	7.22	
9/5/2019	7.53	
3/4/2020	7.27	
9/4/2020	7.64	
2/25/2021	7.27	
7/28/2021	7.17	
1/27/2022		7.27

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
3/3/2016	7.95 (D)	
5/9/2016	7.66	
7/11/2016	7.86	
9/9/2016	7.89	
10/26/2016	7.98	
1/9/2017	7.9	
3/15/2017	8	
5/18/2017	8.21	
9/15/2017	8.34	
1/9/2018	8.1 (Y)	
3/13/2018	8.03	
9/7/2018	8.14	
3/7/2019	8.05	
9/4/2019	7.79	
3/4/2020	7.95	
9/4/2020	7.82	
2/25/2021	7.85	
7/28/2021	7.79	
1/26/2022		7.45

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
3/3/2016	7.22 (D)	
5/10/2016	7.08	
7/13/2016	7.05	
9/15/2016	7.51	
11/2/2016	7.1	
1/11/2017	7.16	
3/20/2017	7.19	
5/23/2017	6.97	
9/21/2017	7.28	
3/14/2018	7.11	
9/7/2018	7.08	
3/11/2019	7.21	
9/9/2019	7.13	
3/4/2020	7.37	
9/9/2020	7.08	
3/9/2021	7.34	
7/30/2021	7.04	
1/28/2022		7.31

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
3/4/2016	7.24	
5/10/2016	7.18	
7/14/2016	7.21	
9/13/2016	7.17	
11/1/2016	7.18	
1/11/2017	7.11	
3/21/2017	7.24	
5/23/2017	7.21	
9/22/2017	7.2	
3/14/2018	7.16	
9/11/2018	7.13	
3/12/2019	7.28	
9/10/2019	7.17	
3/5/2020	7.3	
9/9/2020	7.24	
3/10/2021	7.27	
7/30/2021	7.17	
1/28/2022		7.34

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
3/7/2016	6.81	
5/5/2016	6	
7/13/2016	6.67	
9/13/2016	6.67	
10/31/2016	6.15	
1/12/2017	6.79	
3/23/2017	7.04	
5/23/2017	7.02	
9/25/2017	6.81	
3/14/2018	7.06	
9/11/2018	6.97	
3/12/2019	7.06	
9/9/2019	6.71	
3/6/2020	7.01	
9/9/2020	6.63	
2/26/2021	7.07	
7/29/2021	6.77	
1/28/2022		6.6

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
3/7/2016	7.7	
5/5/2016	7.85	
7/13/2016	7.85	
9/12/2016	7.87	
11/1/2016	7.78	
1/11/2017	7.75	
3/20/2017	7.86	
5/22/2017	7.51	
9/21/2017	7.84	
3/14/2018	7.51	
9/7/2018	7.69	
3/12/2019	7.76	
9/6/2019	7.65	
3/5/2020	7.77	
9/9/2020	7.81	
2/26/2021	7.81	
7/29/2021	7.74	
1/27/2022		7.76

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
3/7/2016	7.68	
5/9/2016	7.66	
7/14/2016	7.74	
9/12/2016	7.76	
10/31/2016	7.74	
1/11/2017	7.69	
3/21/2017	7.54	
5/22/2017	7.79	
9/20/2017	7.77	
3/14/2018	7.74	
9/10/2018	7.69	
3/12/2019	7.6	
9/9/2019	7.73	
3/4/2020	7.65	
9/9/2020	7.67	
2/26/2021	7.73	
8/5/2021	7.66	
1/27/2022		7.74

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
3/8/2016	7.62	
5/9/2016	7.72	
7/14/2016	7.69	
9/12/2016	7.52	
10/31/2016	7.51	
1/12/2017	7.46	
3/22/2017	7.77	
5/22/2017	7.5	
9/19/2017	7.49	
12/29/2017	7.75 (Y)	
3/14/2018	7.62	
9/10/2018	7.84	
3/12/2019	7.63	
9/6/2019	7.75 (D)	
3/5/2020	7.6	
9/4/2020	7.57	
3/9/2021	7.81	
8/2/2021	7.67	
1/27/2022		7.73

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
3/8/2016	6.86	
5/9/2016	7.08	
7/15/2016	7.2	
9/9/2016	7.17	
10/27/2016	7.14	
1/12/2017	7.06	
3/21/2017	7.14	
5/23/2017	6.9	
9/19/2017	7.18	
3/14/2018	6.99	
9/10/2018	6.96	
3/11/2019	6.95	
9/6/2019	7.04	
3/3/2020	7.1	
9/8/2020	7.07	
3/9/2021	6.98	
8/2/2021	7.01	
1/28/2022		6.69

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
3/7/2016	7.61	
5/5/2016	7.79	
7/14/2016	7.76	
9/12/2016	7.6	
10/27/2016	7.73	
1/13/2017	7.68	
3/20/2017	7.6	
5/23/2017	7.81	
9/19/2017	7.46	
1/9/2018	7.39 (Y)	
3/13/2018	7.49	
9/7/2018	7.53	
3/11/2019	7.51	
9/5/2019	7.09	
3/3/2020	7.15	
9/8/2020	7.19	
3/9/2021	7.35	
8/2/2021	7.1	
1/27/2022		7.28

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
3/9/2016	7.54	
5/6/2016	7.5	
7/15/2016	7.33	
9/14/2016	7.47	
11/1/2016	7.31	
1/25/2017	7.28	
3/22/2017	7.43	
5/24/2017	7.07	
9/21/2017	7.24	
3/14/2018	7.4	
9/11/2018	7.78	
3/12/2019	7.42	
9/6/2019	7.32	
3/5/2020	7.24	
9/9/2020	7.12	
12/15/2020	7.39	
3/10/2021	7.41	
7/30/2021	7.13	
1/28/2022		7.38

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
3/4/2016	6.95	
5/5/2016	7.58	
7/12/2016	7.58	
9/13/2016	7.62	
10/27/2016	7.64	
1/13/2017	7.28	
3/20/2017	7.23	
5/19/2017	7.15	
9/19/2017	7.54	
3/13/2018	7.02	
9/11/2018	7.4	
3/8/2019	7.65	
9/5/2019	7.4 (D)	
3/3/2020	7.55	
9/9/2020	7.22	
3/9/2021	7.8	
7/29/2021	7.32	
1/28/2022		7.68

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
3/8/2016	7.4	
5/4/2016	7.6	
7/18/2016	7.61	
9/13/2016	7.56	
10/27/2016	7.69	
1/13/2017	7.62	
3/16/2017	7.43	
5/19/2017	7.32	
9/19/2017	7.62	
3/13/2018	7.43	
9/11/2018	7.69	
3/8/2019	7.69	
9/5/2019	7.59	
3/3/2020	7.56	
9/4/2020	7.62	
3/9/2021	8.07	
8/2/2021	7.48	
1/27/2022		7.46

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
3/1/2016	2.5655
5/2/2016	1.64
7/7/2016	1.7
9/7/2016	1.8
10/25/2016	1.4
1/5/2017	1.9 (J)
3/15/2017	1.2
5/17/2017	1.2
9/15/2017	1
3/12/2018	0.77 (J)
9/6/2018	0.8 (J)
3/6/2019	0.45 (J)
9/4/2019	0.68 (J)
3/2/2020	<1
9/3/2020	0.65 (J)
2/24/2021	0.51 (J)
8/6/2021	0.94 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
3/1/2016	6.8929	
5/2/2016	1.6	
7/6/2016	1.7	
9/7/2016	1.5	
10/25/2016	1.8	
1/5/2017	4.6	
3/14/2017	2.8	
5/16/2017	2.1	
9/15/2017	3	
3/12/2018	8.2	
9/6/2018	1.5	
3/7/2019	4.3	
9/4/2019	1.8	
3/2/2020	7.9	
9/14/2020	1.3	
3/26/2021	5.4	
7/27/2021	7.4	
1/26/2022		7.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
3/1/2016	0.9427 (J)	
5/3/2016	0.87 (J)	
7/8/2016	0.79 (J)	
9/7/2016	0.85 (J)	
10/25/2016	0.74 (J)	
1/6/2017	0.64 (J)	
3/14/2017	0.77 (J)	
5/16/2017	0.48 (J)	
9/15/2017	0.76 (J)	
3/12/2018	0.42 (J)	
9/6/2018	0.37 (J)	
3/6/2019	0.46 (J)	
9/4/2019	<1	
3/2/2020	<1	
9/3/2020	<1	
2/24/2021	<1	
7/28/2021	<1	
1/26/2022		<1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
3/2/2016	2.5669	
5/3/2016	1.83	
7/7/2016	1.8	
9/8/2016	0.97 (J)	
10/25/2016	1.2	
2/9/2017	0.31 (J)	
3/23/2017	0.54 (J)	
5/17/2017	0.66 (J)	
9/19/2017	2	
3/13/2018	1.5	
9/6/2018	1.4	
3/7/2019	1.1	
9/4/2019	0.83 (J)	
3/2/2020	0.5 (J)	
9/3/2020	0.58 (J)	
2/24/2021	0.72 (J)	
7/28/2021	0.81 (J)	
1/25/2022		0.58 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/4/2016	16.8 (D)	
7/7/2016	18 (D)	
9/8/2016	18 (D)	
10/26/2016	20 (D)	
1/6/2017	21 (D)	
3/15/2017	17 (D)	
5/18/2017	19 (D)	
7/19/2017	10 (D)	
9/19/2017	22 (D)	
3/13/2018	27.3	
9/7/2018	26.9	
3/8/2019	23.6	
9/4/2019	22.9	
3/3/2020	21.5	
9/9/2020	21.8	
2/25/2021	29.5	
7/28/2021	26.5	
1/26/2022		22.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
2/29/2016	5.7396	
5/4/2016	6.87	
7/8/2016	8.1	
9/8/2016	6.6	
10/26/2016	4.7	
1/6/2017	4.8	
3/15/2017	3.9	
5/17/2017	5.2	
9/15/2017	4.4	
3/13/2018	8.5	
9/6/2018	7.2	
3/7/2019	12.7	
9/4/2019	4.2	
3/2/2020	16.3	
9/3/2020	3.5	
2/24/2021	29.2	
7/27/2021	23.3	
1/25/2022		8.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
3/2/2016	1.799	
5/3/2016	1.94	
7/8/2016	2	
9/8/2016	1.9	
10/26/2016	2.1	
1/9/2017	1.9	
3/16/2017	2	
5/19/2017	2	
9/19/2017	2	
3/13/2018	1.9	
9/11/2018	1.9	
3/8/2019	1.8	
9/5/2019	1.5	
3/4/2020	1.5	
9/8/2020	1.4	
2/26/2021	1.6	
7/29/2021	1.3	
1/26/2022		1.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
3/2/2016	2.0407	
5/3/2016	1.86	
7/11/2016	2	
9/7/2016	1.9	
10/27/2016	2.1	
1/6/2017	2	
3/16/2017	1.9	
5/19/2017	1.9	
9/19/2017	2.1	
3/13/2018	1.9	
9/11/2018	1.8	
3/12/2019	2.2	
9/5/2019	1.5	
3/4/2020	1.7	
9/8/2020	1.4	
2/26/2021	1.6	
7/29/2021	1.4	
1/26/2022		1.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
3/2/2016	7.1892	
5/4/2016	7.22	
7/8/2016	6.7	
9/8/2016	7	
10/26/2016	6.4	
1/9/2017	5.9	
3/15/2017	6.2	
5/18/2017	6.1	
9/15/2017	5.8	
3/13/2018	4.9	
9/6/2018	3.5	
3/7/2019	2.6	
9/5/2019	2.4	
3/3/2020	1.7	
9/8/2020	1.8	
2/25/2021	1.7	
7/27/2021	1.8	
1/25/2022		1.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
3/2/2016	32.178	
5/3/2016	39.2	
7/11/2016	16	
9/9/2016	9.7	
10/26/2016	9.2	
1/9/2017	9.3	
3/16/2017	6.9	
5/18/2017	7.9	
9/15/2017	17	
3/12/2018	28.7	
9/7/2018	27.4	
3/8/2019	31.8	
9/5/2019	21.5	
3/3/2020	29	
9/4/2020	20.4	
2/25/2021	34.5	
7/28/2021	32.8	
1/26/2022		32.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
3/3/2016	22.316	
5/3/2016	20.8	
7/11/2016	17	
9/9/2016	14	
10/27/2016	15	
1/9/2017	17	
3/16/2017	15	
5/18/2017	24	
9/18/2017	22	
3/12/2018	22	
9/7/2018	22.4	
3/7/2019	25	
9/5/2019	22.7	
3/4/2020	23.4	
9/4/2020	16.1	
2/25/2021	23.2	
7/28/2021	24.9	
1/27/2022		20.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
3/3/2016	132.4615	
5/9/2016	34.3	
7/11/2016	58	
9/9/2016	66	
10/26/2016	76	
1/9/2017	85	
3/15/2017	100	
5/18/2017	87	
9/15/2017	110	
3/13/2018	94.8	
9/7/2018	101	
3/7/2019	88.7	
9/4/2019	67.8	
3/4/2020	69.4	
9/4/2020	54.9	
2/25/2021	62.6	
7/28/2021	58.6	
1/26/2022		47.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
3/3/2016	7.1809 (D)	
5/10/2016	4.6	
7/13/2016	2.3	
9/15/2016	5.6	
11/2/2016	7.5	
1/11/2017	8.3	
3/20/2017	10	
5/23/2017	9.5	
9/21/2017	8.9	
3/14/2018	8.8	
9/7/2018	6.5	
3/11/2019	11	
9/9/2019	3.8	
3/4/2020	8.4	
9/9/2020	2.8	
3/9/2021	12.9	
7/30/2021	5.4	
1/28/2022		11.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:03 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
3/4/2016	9.3417	
5/10/2016	6.65	
7/14/2016	5.7	
9/14/2016	5.8	
11/1/2016	6.6	
1/11/2017	6.5	
3/21/2017	6.4	
5/23/2017	6.3	
9/22/2017	6.9	
3/14/2018	7	
9/11/2018	5.8	
3/12/2019	25.9 (O)	
9/10/2019	6	
3/5/2020	7.7	
9/9/2020	5.6	
3/10/2021	7.3	
7/30/2021	5.9	
1/28/2022		7.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
3/7/2016	1.7468	
5/5/2016	2.27	
7/13/2016	2.1	
9/13/2016	2.1	
10/31/2016	1.5	
1/12/2017	1.9	
3/23/2017	2.1	
5/23/2017	2	
9/25/2017	2.1	
3/14/2018	2.2	
9/11/2018	2	
3/12/2019	2.3	
9/9/2019	1.8	
3/6/2020	2	
9/9/2020	1.4	
2/26/2021	2.1	
7/29/2021	1.7	
1/28/2022		1.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
3/7/2016	2.3258	
5/5/2016	2.42	
7/13/2016	2.5	
9/12/2016	2.3	
1/11/2017	2.5	
3/20/2017	2.4	
5/22/2017	2.5	
9/21/2017	2.4	
3/14/2018	2.2	
9/7/2018	2.2	
3/12/2019	2.6	
9/6/2019	2	
3/5/2020	1.9	
9/9/2020	1.9	
2/26/2021	2.1	
7/29/2021	1.9	
1/27/2022		2.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
3/7/2016	3.3556	
5/9/2016	3.62	
7/14/2016	3.5	
9/12/2016	3.3	
10/31/2016	3.5	
1/11/2017	3.2	
3/21/2017	3.4	
5/22/2017	3.3	
9/20/2017	3.4	
3/14/2018	3.4	
9/10/2018	3.4	
3/12/2019	4.3	
9/9/2019	3.7	
3/4/2020	3.6	
9/9/2020	3.4	
2/26/2021	3.4	
8/5/2021	4	
1/27/2022		3.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
3/8/2016	0.0196 (J)	
5/9/2016	1.15	
7/14/2016	1.3	
9/12/2016	1.3	
10/31/2016	1.4	
1/12/2017	1.4	
3/22/2017	1.7	
5/22/2017	1.5	
9/19/2017	1.3	
3/14/2018	1.6	
9/10/2018	1.7	
3/12/2019	1.5	
9/6/2019	1.45 (D)	
3/5/2020	1.1	
9/4/2020	1.1	
3/9/2021	1.5	
8/2/2021	1.5	
1/27/2022		1.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
3/8/2016	1.3858	
5/9/2016	2.94	
7/15/2016	3	
9/9/2016	3.2	
10/27/2016	3.6	
1/12/2017	3.9	
3/21/2017	4.8	
5/23/2017	5.4	
9/19/2017	5.6	
3/14/2018	<1	
9/10/2018	4.8	
3/11/2019	3.4	
9/6/2019	6	
3/3/2020	11.3	
9/8/2020	9.6	
3/9/2021	10.5	
8/2/2021	21.5 (o)	
1/28/2022		13.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs Inrawell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
3/7/2016	2.1008	
5/5/2016	2.16	
7/14/2016	2.3	
10/27/2016	2.3	
1/13/2017	2.3	
3/20/2017	2.4	
5/23/2017	2.4	
9/19/2017	2.2	
3/13/2018	2.4	
9/7/2018	1.8	
3/11/2019	2	
9/5/2019	1.7	
3/3/2020	1.7	
9/8/2020	1.3	
3/9/2021	1.4	
8/2/2021	1.5	
1/27/2022		1.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
3/9/2016	26.4322	
5/6/2016	17.7	
7/15/2016	12	
9/14/2016	12	
11/1/2016	10	
1/25/2017	8.2	
3/22/2017	13	
5/24/2017	10	
9/21/2017	16	
3/14/2018	14	
9/11/2018	14.9	
3/12/2019	17.7	
9/6/2019	9.5	
3/5/2020	10.8	
9/9/2020	124	
12/15/2020	61.2	
3/10/2021	56.8	
7/30/2021	72.6	
1/28/2022		98.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
3/4/2016	1.0816	
5/5/2016	11.3	
7/12/2016	8.8	
9/13/2016	5.4	
10/27/2016	9.9	
1/13/2017	7.8	
3/20/2017	2.3	
5/19/2017	2.4	
9/19/2017	2.3	
3/13/2018	1.4	
9/11/2018	1.7	
3/8/2019	1.9	
9/5/2019	1.8 (D)	
3/3/2020	2	
9/9/2020	1.9	
3/9/2021	1.6	
7/29/2021	1.8	
1/28/2022		2.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
3/8/2016	1.3157	
5/4/2016	1.46	
7/18/2016	1.5	
9/13/2016	1.5	
10/27/2016	1.7	
1/13/2017	2	
3/16/2017	1.6	
5/19/2017	1.5	
9/19/2017	1.8	
3/13/2018	1.7	
9/11/2018	1.7	
3/8/2019	1.6	
9/5/2019	1.6	
3/3/2020	1.6	
9/4/2020	1.6	
3/9/2021	1.6	
8/2/2021	1.7	
1/27/2022		2

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36
3/1/2016	96 (D)
5/2/2016	63 (D)
7/7/2016	105 (D)
9/7/2016	103 (D)
10/25/2016	101 (D)
1/5/2017	155
3/15/2017	96
5/17/2017	110
9/15/2017	89
3/12/2018	81
9/6/2018	107
3/6/2019	71 (J)
9/4/2019	83
3/2/2020	65
9/3/2020	90
2/24/2021	60
8/6/2021	94

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-36RA	GWA-36RA
3/1/2016	150 (D)	
5/2/2016	105 (D)	
7/6/2016	113 (D)	
9/7/2016	169 (D)	
10/25/2016	152 (D)	
1/5/2017	229	
3/14/2017	188	
5/16/2017	147	
9/15/2017	146	
3/12/2018	169	
9/6/2018	155	
3/7/2019	135	
9/4/2019	142	
3/2/2020	170	
9/14/2020	156	
3/26/2021	123	
7/27/2021	163	
1/26/2022		184

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-37	GWA-37
3/1/2016	34 (D)	
5/3/2016	<10 (D)	
7/8/2016	14 (JD)	
9/7/2016	16 (JD)	
10/25/2016	<10 (D)	
1/6/2017	189 (O)	
3/14/2017	90 (o)	
5/16/2017	20 (J)	
9/15/2017	14 (J)	
3/12/2018	<10	
9/6/2018	<10	
3/6/2019	22 (J)	
9/4/2019	26	
3/2/2020	<10	
9/3/2020	25	
2/24/2021	10	
7/28/2021	13	
1/26/2022		26

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-38	GWA-38
3/2/2016	34 (D)	
5/3/2016	<36 (D)	
7/7/2016	39 (D)	
9/8/2016	<36 (D)	
10/25/2016	<36 (D)	
2/9/2017	65	
3/23/2017	<36	
5/17/2017	113	
9/19/2017	21 (J)	
3/13/2018	33	
9/6/2018	<36	
3/7/2019	84	
9/4/2019	44	
3/2/2020	32	
9/3/2020	21	
2/24/2021	12	
7/28/2021	18	
1/25/2022		27

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-51RZ	GWA-51RZ
5/4/2016	175 (D)	
7/7/2016	204 (D)	
9/8/2016	141 (D)	
10/26/2016	153 (D)	
1/6/2017	329 (D)	
3/15/2017	197 (D)	
5/18/2017	250 (D)	
7/19/2017	195 (D)	
9/19/2017	255 (D)	
3/13/2018	233	
9/7/2018	232	
3/8/2019	244	
9/4/2019	207	
3/3/2020	211	
9/9/2020	205	
2/25/2021	217	
7/28/2021	199	
1/26/2022		190

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52	GWA-52
2/29/2016	134 (D)	
5/4/2016	113 (D)	
7/8/2016	152 (D)	
9/8/2016	124 (D)	
10/26/2016	134 (D)	
3/15/2017	139	
5/17/2017	156	
9/15/2017	141	
3/13/2018	150	
9/6/2018	160	
3/7/2019	159	
9/4/2019	135	
3/2/2020	142	
9/3/2020	132	
2/24/2021	144	
7/27/2021	170	
1/25/2022		136

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53	GWA-53
3/2/2016	130 (D)	
5/3/2016	99 (D)	
7/8/2016	132 (D)	
9/8/2016	108 (D)	
10/26/2016	113 (D)	
1/9/2017	146	
3/16/2017	132	
5/19/2017	114	
9/19/2017	154	
3/13/2018	138	
9/11/2018	140	
3/8/2019	143	
9/5/2019	148	
3/4/2020	146	
9/8/2020	138	
2/26/2021	128	
7/29/2021	121	
1/26/2022		131

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-53R	GWA-53R
3/2/2016	134 (D)	
5/3/2016	76 (D)	
7/11/2016	142 (D)	
9/7/2016	143 (D)	
10/27/2016	114 (D)	
3/16/2017	146	
5/19/2017	129	
9/19/2017	165	
3/13/2018	132	
9/11/2018	142	
3/12/2019	150 (J)	
9/5/2019	142	
3/4/2020	157	
9/8/2020	124	
2/26/2021	98	
7/29/2021	134	
1/26/2022		144

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-54	GWA-54
3/2/2016	125 (D)	
5/4/2016	77 (D)	
7/8/2016	139 (D)	
9/8/2016	110 (D)	
10/26/2016	115 (D)	
1/9/2017	121	
3/15/2017	132	
5/18/2017	174	
9/15/2017	124	
3/13/2018	133	
9/6/2018	135	
3/7/2019	111	
9/5/2019	132	
3/3/2020	91	
9/8/2020	116	
2/25/2021	124	
7/27/2021	116	
1/25/2022		113

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55	GWA-55
3/2/2016	185 (D)	
5/3/2016	182 (D)	
7/11/2016	195 (D)	
9/9/2016	140 (D)	
10/26/2016	148 (D)	
1/9/2017	171	
3/16/2017	176	
5/18/2017	184	
9/15/2017	194	
3/12/2018	212	
9/7/2018	240	
3/8/2019	248	
9/5/2019	229	
3/3/2020	210	
9/4/2020	226	
2/25/2021	217	
7/28/2021	232	
1/26/2022		244

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R	GWA-55R
3/3/2016	181 (D)	
5/3/2016	123 (D)	
7/11/2016	149 (D)	
9/9/2016	133 (D)	
10/27/2016	168 (D)	
1/9/2017	166	
3/16/2017	189	
5/18/2017	192	
9/18/2017	184	
3/12/2018	207	
9/7/2018	202	
3/7/2019	212	
9/5/2019	183	
3/4/2020	207	
9/4/2020	180	
2/25/2021	194	
7/28/2021	206	
1/27/2022		207

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-56	GWA-56
3/3/2016	403 (D)	
5/9/2016	182 (D)	
7/11/2016	262 (D)	
9/9/2016	272 (D)	
10/26/2016	276 (D)	
1/9/2017	317	
3/15/2017	355	
5/18/2017	382	
9/15/2017	362	
3/13/2018	349	
9/7/2018	377	
3/7/2019	410	
9/4/2019	326	
3/4/2020	325	
9/4/2020	267	
2/25/2021	284	
7/28/2021	291	
1/26/2022		278

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-16R	GWC-16R
3/3/2016	306 (D)	
5/10/2016	275 (D)	
7/13/2016	234 (D)	
9/15/2016	259 (D)	
11/2/2016	260 (D)	
1/11/2017	306	
3/20/2017	304	
5/23/2017	297	
9/21/2017	307	
3/14/2018	312	
9/7/2018	298	
3/11/2019	344	
9/9/2019	275	
3/4/2020	326	
9/9/2020	297	
3/9/2021	335	
7/30/2021	294	
1/28/2022		317

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-17R	GWC-17R
3/4/2016	348 (D)	
5/10/2016	342 (D)	
7/14/2016	335 (D)	
9/14/2016	335 (D)	
11/1/2016	296 (D)	
1/11/2017	376	
3/21/2017	346	
5/23/2017	320	
9/22/2017	337	
3/14/2018	323	
9/11/2018	317	
3/12/2019	306	
9/10/2019	312	
3/5/2020	307	
9/9/2020	285	
3/10/2021	256	
7/30/2021	270	
1/28/2022		302

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18	GWC-18
3/7/2016	100 (D)	
5/5/2016	63 (D)	
7/13/2016	63 (D)	
9/13/2016	81 (D)	
10/31/2016	40 (D)	
1/12/2017	92	
3/23/2017	116	
5/23/2017	107	
9/25/2017	110	
3/14/2018	115	
9/11/2018	102	
3/12/2019	135 (J)	
9/9/2019	95	
3/6/2020	109	
9/9/2020	88	
2/26/2021	90	
7/29/2021	103	
1/28/2022		99

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-18R	GWC-18R
3/7/2016	167 (D)	
5/5/2016	119 (D)	
7/13/2016	135 (D)	
9/12/2016	129 (D)	
11/1/2016	121 (D)	
1/11/2017	177	
3/20/2017	149	
5/22/2017	119	
9/21/2017	166	
3/14/2018	139	
9/7/2018	149	
3/12/2019	143 (J)	
9/6/2019	141	
3/5/2020	143	
9/9/2020	120	
2/26/2021	121	
7/29/2021	146	
1/27/2022		146

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-19R	GWC-19R
3/7/2016	172 (D)	
5/9/2016	206 (D)	
7/14/2016	136 (D)	
9/12/2016	171 (D)	
10/31/2016	160 (D)	
1/11/2017	214	
3/21/2017	175 (J)	
5/22/2017	129	
9/20/2017	173	
3/14/2018	156	
9/10/2018	172	
3/12/2019	156 (J)	
9/9/2019	172	
3/4/2020	157	
9/9/2020	152	
2/26/2021	172	
8/5/2021	154	
1/27/2022		149

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-20R	GWC-20R
3/8/2016	207 (D)	
5/9/2016	189 (D)	
7/14/2016	193 (D)	
9/12/2016	201 (D)	
10/31/2016	215 (D)	
1/12/2017	198	
5/22/2017	197	
9/19/2017	225	
12/29/2017	198 (Y)	
3/14/2018	167	
9/10/2018	184	
3/12/2019	191 (J)	
9/6/2019	179	
3/5/2020	171	
9/4/2020	212	
3/9/2021	163	
8/2/2021	168	
1/27/2022		176

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-21R	GWC-21R
3/8/2016	318 (D)	
5/9/2016	136 (D)	
7/15/2016	237 (D)	
9/9/2016	263 (D)	
10/27/2016	283 (D)	
1/12/2017	276	
3/21/2017	385	
5/23/2017	294	
9/19/2017	302	
3/14/2018	306	
9/10/2018	328	
3/11/2019	311	
9/6/2019	291	
3/3/2020	292	
9/8/2020	297	
3/9/2021	286	
8/2/2021	292	
1/28/2022		290

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-22R	GWC-22R
3/7/2016	163 (D)	
5/5/2016	140 (D)	
7/14/2016	161 (D)	
9/12/2016	168 (D)	
10/27/2016	140 (D)	
1/13/2017	147 (J)	
3/20/2017	186	
5/23/2017	183	
9/19/2017	167	
3/13/2018	159	
9/7/2018	169	
3/11/2019	166	
9/5/2019	171	
3/3/2020	181	
9/8/2020	157	
3/9/2021	161	
8/2/2021	166	
1/27/2022		167

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-23R	GWC-23R
3/9/2016	287 (D)	
5/6/2016	284 (D)	
7/15/2016	249 (D)	
9/14/2016	273 (D)	
11/1/2016	258 (D)	
1/25/2017	340	
3/22/2017	264	
5/24/2017	331	
9/21/2017	347	
3/14/2018	290	
9/11/2018	295	
3/12/2019	310 (J)	
9/6/2019	300	
3/5/2020	265	
9/9/2020	501	
12/15/2020	351	
3/10/2021	333	
7/30/2021	380	
1/28/2022		454

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs Intrawell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-24R	GWC-24R
3/4/2016	209 (D)	
5/5/2016	152 (D)	
7/12/2016	157 (D)	
9/13/2016	154 (D)	
10/27/2016	162 (D)	
1/13/2017	165	
3/20/2017	205 (J)	
5/19/2017	149	
9/19/2017	153	
3/13/2018	153	
9/11/2018	152	
3/8/2019	164	
9/5/2019	155.5 (D)	
3/3/2020	146	
9/9/2020	155	
3/9/2021	158	
7/29/2021	143	
1/28/2022		159

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 8/23/2022 12:04 PM View: PLs IntraWell App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWC-25R	GWC-25R
3/8/2016	177 (D)	
5/4/2016	97 (D)	
7/18/2016	150 (D)	
9/13/2016	159 (D)	
10/27/2016	143 (D)	
1/13/2017	158	
3/16/2017	167	
5/19/2017	150	
9/19/2017	146	
3/13/2018	153	
9/11/2018	153	
3/8/2019	155	
9/5/2019	177	
3/3/2020	183	
9/4/2020	172	
3/9/2021	153	
8/2/2021	175	
1/27/2022		168

FIGURE K.

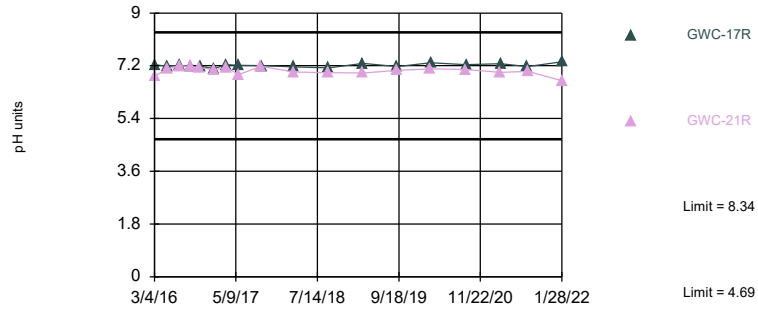
Interwell Prediction Limits Appendix III Two-Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 8/23/2022, 12:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
pH (pH units)	GWC-17R	8.34	4.69	1/28/2022	7.34	No	217	n/a	n/a	0	n/a	n/a	0.00009826 NP (normality) 1 of 2
pH (pH units)	GWC-21R	8.34	4.69	1/28/2022	6.69	No	217	n/a	n/a	0	n/a	n/a	0.00009826 NP (normality) 1 of 2
Sulfate (mg/L)	GWC-21R	132.5	n/a	1/28/2022	13.7	No	215	n/a	n/a	3.256	n/a	n/a	0.00004913 NP (normality) 1 of 2
Sulfate (mg/L)	GWC-25R	132.5	n/a	1/27/2022	2	No	215	n/a	n/a	3.256	n/a	n/a	0.00004913 NP (normality) 1 of 2

Within Limits

Prediction Limit
Interwell Non-parametric

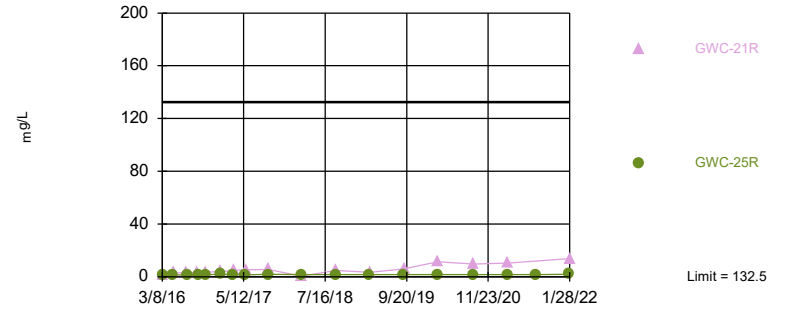


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 217 background values. Annual per-constituent alpha = 0.002161. Individual comparison alpha = 0.00009826 (1 of 2). Comparing 2 points to limit. Assumes 9 future values.

Constituent: pH Analysis Run 8/23/2022 12:07 PM View: Two-Step PLs App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 215 background values. 3.256% NDs. Annual per-constituent alpha = 0.00108. Individual comparison alpha = 0.00004913 (1 of 2). Comparing 2 points to limit. Assumes 9 future values.

Constituent: Sulfate Analysis Run 8/23/2022 12:08 PM View: Two-Step PLs App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:09 PM View: Two-Step PLs App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52 (bg)	GWA-36 (bg)	GWA-37 (bg)	GWA-36RA (bg)	GWA-55 (bg)	GWA-54 (bg)	GWA-53 (bg)	GWA-38 (bg)	GWA-53R (bg)
2/29/2016	7.52								
3/1/2016		7.07	5.94 (D)	7.45					
3/2/2016					7.01	7.51	7.77 (D)	5.65	7.76
3/3/2016									
3/4/2016									
3/8/2016									
5/2/2016		7		7.31					
5/3/2016			5.85		7.26		7.76	5.72	7.8
5/4/2016	7.59					7.68			
5/9/2016									
5/10/2016									
7/6/2016				7.4					
7/7/2016		7.15						5.68	
7/8/2016	7.61		5.74			7.7	7.82		
7/11/2016					7.45				7.82
7/14/2016									
7/15/2016									
9/7/2016		7.2	5.79	7.32					7.83
9/8/2016	7.52					7.71	7.73	5.42	
9/9/2016					7.55				
9/13/2016									
10/25/2016		7.12	5.88	7.4				5.41	
10/26/2016	7.67				7.55	7.6	7.71		
10/27/2016									7.84
11/1/2016									
1/5/2017		7.05		7.29					
1/6/2017	7.49		5.82						7.63
1/9/2017					7.62	7.81	7.52		
1/11/2017									
1/12/2017									
2/9/2017								4.99	
3/14/2017			5.8	7.48					
3/15/2017	7.55	6.84				7.74			
3/16/2017					7.4		7.84		7.8
3/21/2017									
3/23/2017								4.94	
5/16/2017			5.02	7.38					
5/17/2017	7.55	6.78						5.18	
5/18/2017					7.24	7.39			
5/19/2017							7.72		7.81
5/23/2017									
7/18/2017									
7/19/2017									
9/15/2017	7.48	6.7	5.68	7.35	7.38	7.61			
9/18/2017									
9/19/2017							7.68	5.53	7.84
9/22/2017									
1/9/2018									
3/12/2018		6.6	5.72	7.26	7				
3/13/2018	7.34					7.39	7.74	5.57	7.8
3/14/2018									
9/6/2018	7.5	6.83	5.59	7.21		7.66		5.69	

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:09 PM View: Two-Step PLs App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R (bg)	GWA-56 (bg)	GWC-17R	GWC-21R	GWA-51RZ (bg)
2/29/2016					
3/1/2016					
3/2/2016					
3/3/2016	7.44	7.95 (D)			
3/4/2016			7.24		
3/8/2016				6.86	
5/2/2016					
5/3/2016	7.64				
5/4/2016					7.52 (D)
5/9/2016		7.66		7.08	
5/10/2016			7.18		
7/6/2016					
7/7/2016					7.42 (D)
7/8/2016					
7/11/2016	7.72	7.86			
7/14/2016			7.21		
7/15/2016				7.2	
9/7/2016					
9/8/2016					7.4 (D)
9/9/2016	7.66	7.89		7.17	
9/13/2016			7.17		
10/25/2016					
10/26/2016		7.98			7.59 (D)
10/27/2016	7.75			7.14	
11/1/2016			7.18		
1/5/2017					
1/6/2017					7.51 (D)
1/9/2017	7.83	7.9			
1/11/2017			7.11		
1/12/2017				7.06	
2/9/2017					
3/14/2017					
3/15/2017		8			7.51 (D)
3/16/2017	7.78				
3/21/2017			7.24	7.14	
3/23/2017					
5/16/2017					
5/17/2017					
5/18/2017	7.64	8.21			7.64 (D)
5/19/2017					
5/23/2017			7.21	6.9	
7/18/2017					7.58
7/19/2017					7.58 (D)
9/15/2017		8.34			
9/18/2017	7.66				
9/19/2017				7.18	7.37 (D)
9/22/2017			7.2		
1/9/2018		8.1 (Y)			
3/12/2018	7.11				
3/13/2018		8.03			7.62
3/14/2018			7.16	6.99	
9/6/2018					

Prediction Limit

Constituent: pH (pH units) Analysis Run 8/23/2022 12:09 PM View: Two-Step PLs App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R (bg)	GWA-56 (bg)	GWC-17R	GWC-21R	GWA-51RZ (bg)
9/7/2018	7.6	8.14			7.36
9/10/2018				6.96	
9/11/2018			7.13		
3/6/2019					
3/7/2019	7.22	8.05			
3/8/2019					7.55
3/11/2019				6.95	
3/12/2019			7.28		
9/4/2019		7.79			7.39
9/5/2019	7.53				
9/6/2019				7.04	
9/10/2019			7.17		
3/2/2020					
3/3/2020				7.1	7.73
3/4/2020	7.27	7.95			
3/5/2020			7.3		
9/3/2020					
9/4/2020	7.64	7.82			
9/8/2020				7.07	
9/9/2020			7.24		7.59
9/14/2020					
2/24/2021					
2/25/2021	7.27	7.85			7.43
2/26/2021					
3/9/2021				6.98	
3/10/2021			7.27		
3/26/2021					
7/27/2021					
7/28/2021	7.17	7.79			7.29
7/29/2021					
7/30/2021			7.17		
8/2/2021				7.01	
8/6/2021					
1/25/2022					
1/26/2022		7.45			7.78
1/27/2022	7.27				
1/28/2022			7.34	6.69	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:09 PM View: Two-Step PLs App III

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-52 (bg)	GWA-36 (bg)	GWA-37 (bg)	GWA-36RA (bg)	GWA-53 (bg)	GWA-55 (bg)	GWA-38 (bg)	GWA-53R (bg)	GWA-54 (bg)
2/29/2016	5.7396								
3/1/2016		2.5655	0.9427 (J)	6.8929					
3/2/2016					1.799	32.178	2.5669	2.0407	7.1892
3/3/2016									
3/8/2016									
5/2/2016		1.64		1.6					
5/3/2016			0.87 (J)		1.94	39.2	1.83	1.86	
5/4/2016	6.87								7.22
5/9/2016									
7/6/2016				1.7					
7/7/2016		1.7					1.8		
7/8/2016	8.1		0.79 (J)		2				6.7
7/11/2016						16		2	
7/15/2016									
7/18/2016									
9/7/2016		1.8	0.85 (J)	1.5				1.9	
9/8/2016	6.6				1.9		0.97 (J)		7
9/9/2016						9.7			
9/13/2016									
10/25/2016		1.4	0.74 (J)	1.8			1.2		
10/26/2016	4.7				2.1	9.2			6.4
10/27/2016								2.1	
1/5/2017		1.9 (J)		4.6					
1/6/2017	4.8		0.64 (J)					2	
1/9/2017					1.9	9.3			5.9
1/12/2017									
1/13/2017									
2/9/2017							0.31 (J)		
3/14/2017			0.77 (J)	2.8					
3/15/2017	3.9	1.2							6.2
3/16/2017					2	6.9		1.9	
3/21/2017									
3/23/2017							0.54 (J)		
5/16/2017			0.48 (J)	2.1					
5/17/2017	5.2	1.2					0.66 (J)		
5/18/2017						7.9			6.1
5/19/2017					2			1.9	
5/23/2017									
7/19/2017									
9/15/2017	4.4	1	0.76 (J)	3		17			5.8
9/18/2017									
9/19/2017					2		2	2.1	
3/12/2018		0.77 (J)	0.42 (J)	8.2		28.7			
3/13/2018	8.5				1.9		1.5	1.9	4.9
3/14/2018									
9/6/2018	7.2	0.8 (J)	0.37 (J)	1.5			1.4		3.5
9/7/2018						27.4			
9/10/2018									
9/11/2018					1.9			1.8	
3/6/2019		0.45 (J)	0.46 (J)						
3/7/2019	12.7			4.3			1.1		2.6
3/8/2019					1.8	31.8			

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:09 PM View: Two-Step PLs App III
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R (bg)	GWA-56 (bg)	GWC-25R	GWC-21R	GWA-51RZ (bg)
2/29/2016					
3/1/2016					
3/2/2016					
3/3/2016	22.316	132.4615			
3/8/2016			1.3157	1.3858	
5/2/2016					
5/3/2016	20.8				
5/4/2016			1.46		16.8 (D)
5/9/2016		34.3		2.94	
7/6/2016					
7/7/2016					18 (D)
7/8/2016					
7/11/2016	17	58			
7/15/2016				3	
7/18/2016			1.5		
9/7/2016					
9/8/2016					18 (D)
9/9/2016	14	66		3.2	
9/13/2016			1.5		
10/25/2016					
10/26/2016		76			20 (D)
10/27/2016	15		1.7	3.6	
1/5/2017					
1/6/2017					21 (D)
1/9/2017	17	85			
1/12/2017				3.9	
1/13/2017			2		
2/9/2017					
3/14/2017					
3/15/2017		100			17 (D)
3/16/2017	15		1.6		
3/21/2017				4.8	
3/23/2017					
5/16/2017					
5/17/2017					
5/18/2017	24	87			19 (D)
5/19/2017			1.5		
5/23/2017				5.4	
7/19/2017					10 (D)
9/15/2017		110			
9/18/2017	22				
9/19/2017			1.8	5.6	22 (D)
3/12/2018	22				
3/13/2018		94.8	1.7		27.3
3/14/2018				<1	
9/6/2018					
9/7/2018	22.4	101			26.9
9/10/2018				4.8	
9/11/2018			1.7		
3/6/2019					
3/7/2019	25	88.7			
3/8/2019			1.6		23.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/23/2022 12:09 PM View: Two-Step PLs App III
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

	GWA-55R (bg)	GWA-56 (bg)	GWC-25R	GWC-21R	GWA-51RZ (bg)
3/11/2019				3.4	
3/12/2019					
9/4/2019		67.8			22.9
9/5/2019	22.7		1.6		
9/6/2019				6	
3/2/2020					
3/3/2020			1.6	11.3	21.5
3/4/2020	23.4	69.4			
9/3/2020					
9/4/2020	16.1	54.9	1.6		
9/8/2020				9.6	
9/9/2020					21.8
9/14/2020					
2/24/2021					
2/25/2021	23.2	62.6			29.5
2/26/2021					
3/9/2021			1.6	10.5	
3/26/2021					
7/27/2021					
7/28/2021	24.9	58.6			26.5
7/29/2021					
8/2/2021			1.7	21.5 (o)	
8/6/2021					
1/25/2022					
1/26/2022		47.1			22.2
1/27/2022	20.7		2		
1/28/2022				13.7	

FIGURE L.

Appendix III Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:44 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-16R	53.2	1/28/2022	68.5	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-17R	53.2	1/28/2022	64.7	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21R	53.2	1/28/2022	60	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23R	53.2	1/28/2022	64.9	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2

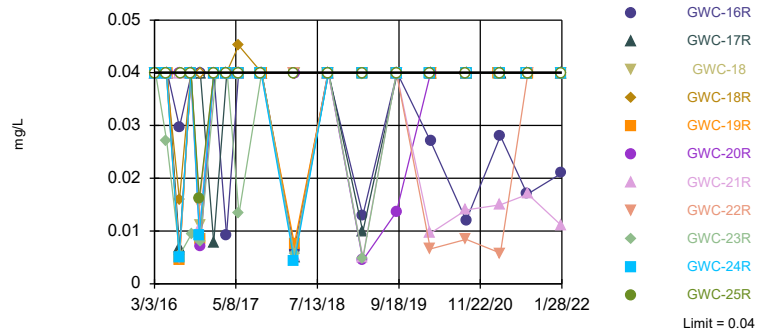
Appendix III Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/7/2022, 2:44 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-16R	0.04	1/28/2022	0.021J	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-17R	0.04	1/28/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.04	1/28/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21R	0.04	1/28/2022	0.011J	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-22R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23R	0.04	1/28/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-24R	0.04	1/28/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-25R	0.04	1/27/2022	0.04ND	No	215	n/a	n/a	64.19	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-16R	53.2	1/28/2022	68.5	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-17R	53.2	1/28/2022	64.7	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-18	53.2	1/28/2022	19.1	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-18R	53.2	1/27/2022	29.3	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19R	53.2	1/27/2022	33.2	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20R	53.2	1/27/2022	36.2	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21R	53.2	1/28/2022	60	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22R	53.2	1/27/2022	36.9	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23R	53.2	1/28/2022	64.9	Yes	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-24R	53.2	1/28/2022	34.4	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-25R	53.2	1/27/2022	34.4	No	215	n/a	n/a	0	n/a	n/a	0.00004913	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-16R	0.4	1/28/2022	0.17	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-17R	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-18R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-19R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-20R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-21R	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-22R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-23R	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-24R	0.4	1/28/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-25R	0.4	1/27/2022	0.1ND	No	215	n/a	n/a	60.93	n/a	n/a	0.00004913	NP Inter (NDs) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

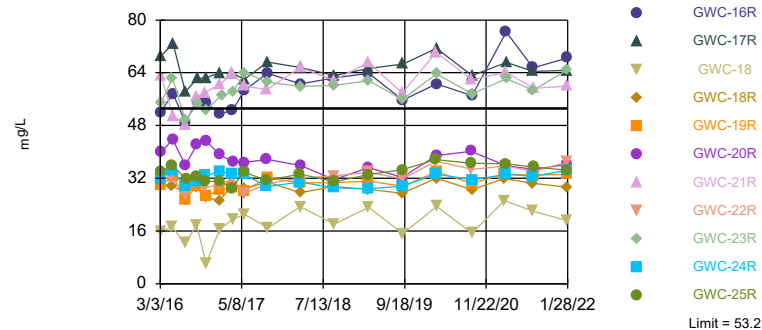


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 215 background values. 64.19% NDs. Annual per-constituent alpha = 0.00108. Individual comparison alpha = 0.00004913 (1 of 2). Comparing 11 points to limit.

Constituent: Boron Analysis Run 4/7/2022 2:43 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Exceeds Limit: GWC-16R, GWC-17R, GWC-21R, GWC-23R

Prediction Limit
Interwell Non-parametric

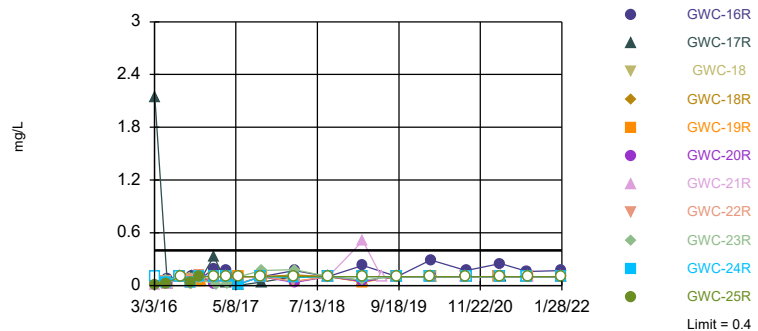


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 215 background values. Annual per-constituent alpha = 0.00108. Individual comparison alpha = 0.00004913 (1 of 2). Comparing 11 points to limit.

Constituent: Calcium Analysis Run 4/7/2022 2:43 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Within Limit

Prediction Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 215 background values. 60.93% NDs. Annual per-constituent alpha = 0.00108. Individual comparison alpha = 0.00004913 (1 of 2). Comparing 11 points to limit.

Constituent: Fluoride Analysis Run 4/7/2022 2:43 PM View: All
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

FIGURE M.

Trend Tests Appendix III - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:30 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Calcium (mg/L)	GWA-37 (bg)	-0.04041	-126	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.745	80	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.923	90	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-16R	2.762	87	68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-36 (bg)	-0.08433	-64	-63	Yes	17	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-37 (bg)	-0.1272	-101	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-36 (bg)	-0.3026	-93	-63	Yes	17	5.882	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-37 (bg)	-0.073	-74	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-51RZ (bg)	1.426	76	68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-53 (bg)	-0.1053	-83	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-53R (bg)	-0.08634	-73	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-54 (bg)	-1.128	-137	-68	Yes	18	0	n/a	n/a	0.01	NP

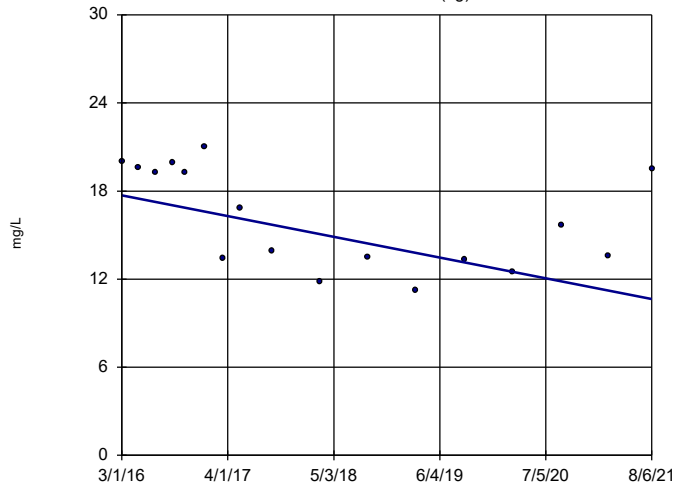
Trend Tests Appendix III - All Results

Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR Printed 4/13/2022, 4:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-36 (bg)	-1.299	-55	-63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-36RA (bg)	0.4142	22	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-37 (bg)	-0.04041	-126	-68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-38 (bg)	-0.08881	-24	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.745	80	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-52 (bg)	0.4199	44	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-53 (bg)	0.1636	24	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-53R (bg)	0.2882	43	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-54 (bg)	-0.2238	-33	-68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.923	90	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-55R (bg)	1.821	65	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-56 (bg)	0.4993	10	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-16R	2.762	87	68	Yes	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-17R	0.416	22	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-21R	1.289	48	68	No	18	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-23R	1.389	59	68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-36 (bg)	-0.08433	-64	-63	Yes	17	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-36RA (bg)	-0.05423	-61	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-37 (bg)	-0.1272	-101	-68	Yes	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-38 (bg)	-0.05201	-37	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-51RZ (bg)	0.006714	10	74	No	19	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-52 (bg)	-0.02457	-51	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-53 (bg)	-0.02465	-61	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-53R (bg)	-0.02278	-56	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-54 (bg)	-0.03997	-57	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-55 (bg)	-0.05659	-57	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-55R (bg)	-0.07241	-60	-68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWA-56 (bg)	-0.02047	-21	-74	No	19	0	n/a	n/a	0.01	NP
pH (pH units)	GWC-17R	0.01348	29	68	No	18	0	n/a	n/a	0.01	NP
pH (pH units)	GWC-21R	-0.02944	-42	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-36 (bg)	-0.3026	-93	-63	Yes	17	5.882	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-36RA (bg)	0.6438	41	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-37 (bg)	-0.073	-74	-68	Yes	18	33.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-38 (bg)	-0.1956	-60	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-51RZ (bg)	1.426	76	68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-52 (bg)	0.9623	35	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-53 (bg)	-0.1053	-83	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-53R (bg)	-0.08634	-73	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-54 (bg)	-1.128	-137	-68	Yes	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-55 (bg)	2.709	43	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-55R (bg)	0.671	50	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-56 (bg)	-5.422	-29	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-25R	0.03653	54	68	No	18	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-36 (bg)

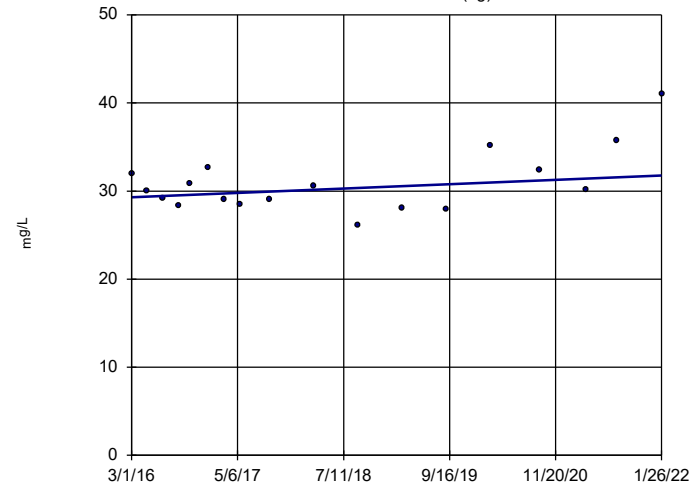


n = 17
 Slope = -1.299
 units per year.
 Mann-Kendall
 statistic = -55
 critical = -63
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-36RA (bg)

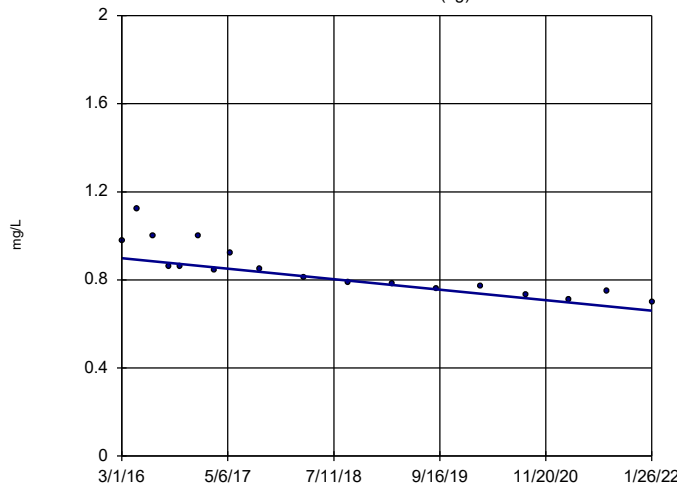


n = 18
 Slope = 0.4142
 units per year.
 Mann-Kendall
 statistic = 22
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-37 (bg)

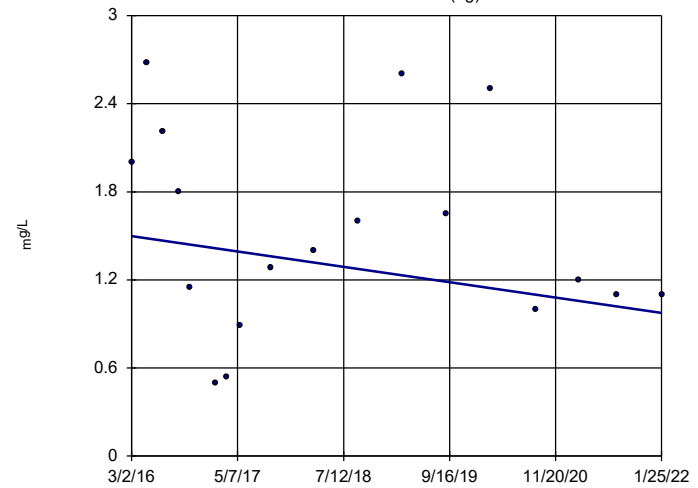


n = 18
 Slope = -0.04041
 units per year.
 Mann-Kendall
 statistic = -126
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-38 (bg)

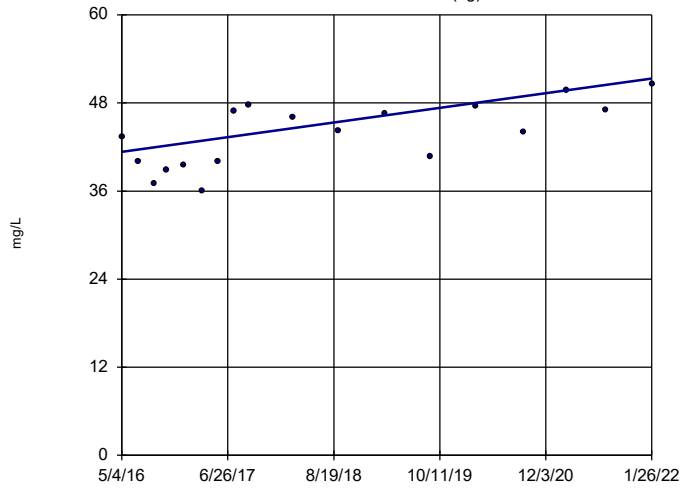


n = 18
 Slope = -0.08881
 units per year.
 Mann-Kendall
 statistic = -24
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-51RZ (bg)

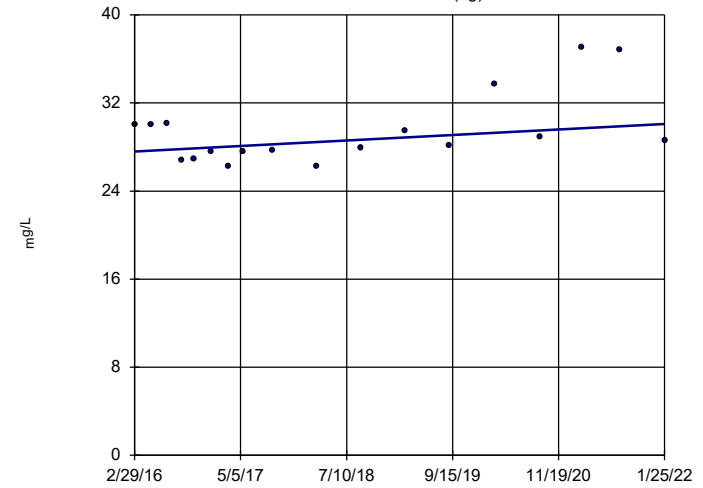


n = 18
 Slope = 1.745
 units per year.
 Mann-Kendall
 statistic = 80
 critical = 68
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-52 (bg)

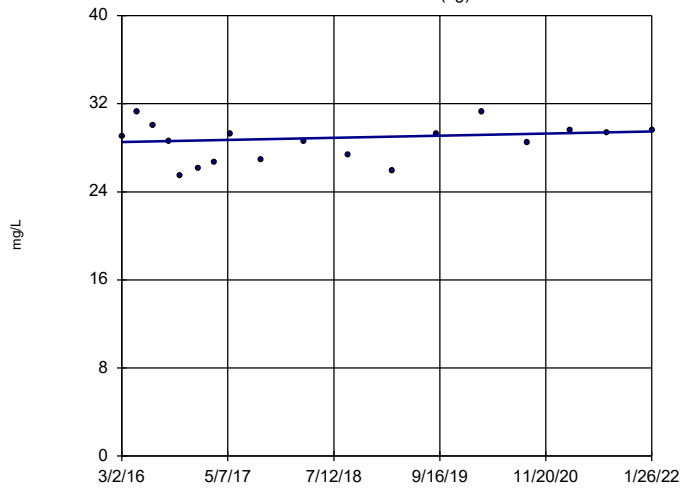


n = 18
 Slope = 0.4199
 units per year.
 Mann-Kendall
 statistic = 44
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-53 (bg)

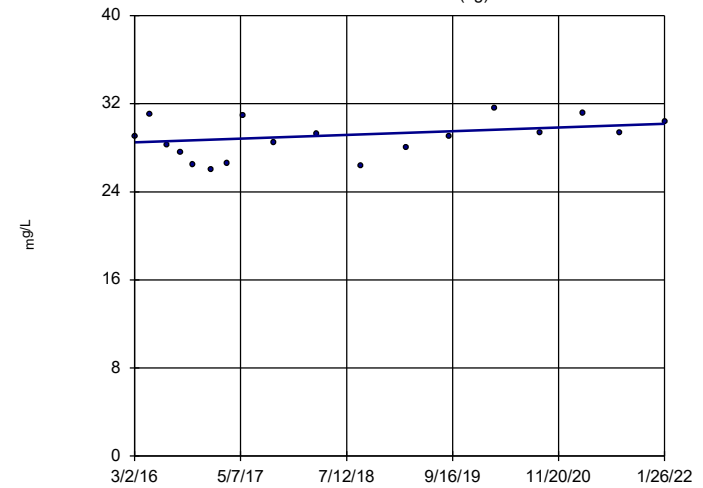


n = 18
 Slope = 0.1636
 units per year.
 Mann-Kendall
 statistic = 24
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-53R (bg)

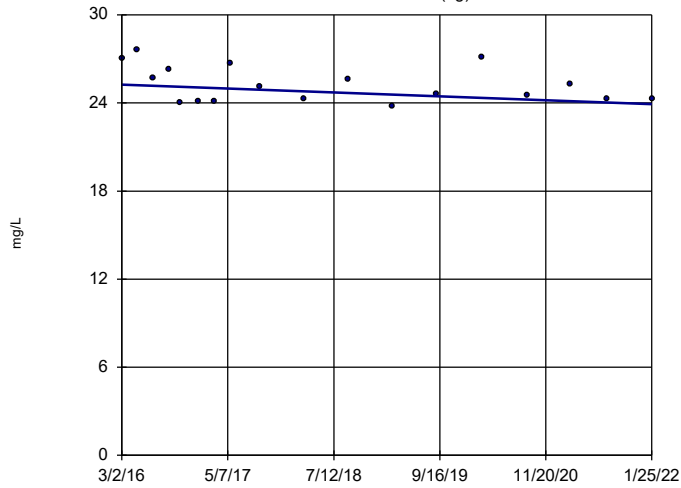


n = 18
 Slope = 0.2882
 units per year.
 Mann-Kendall
 statistic = 43
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

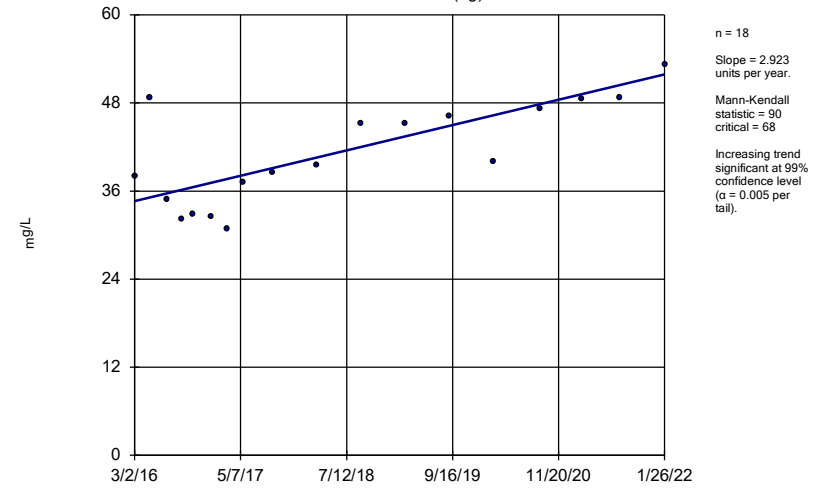
GWA-54 (bg)



Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

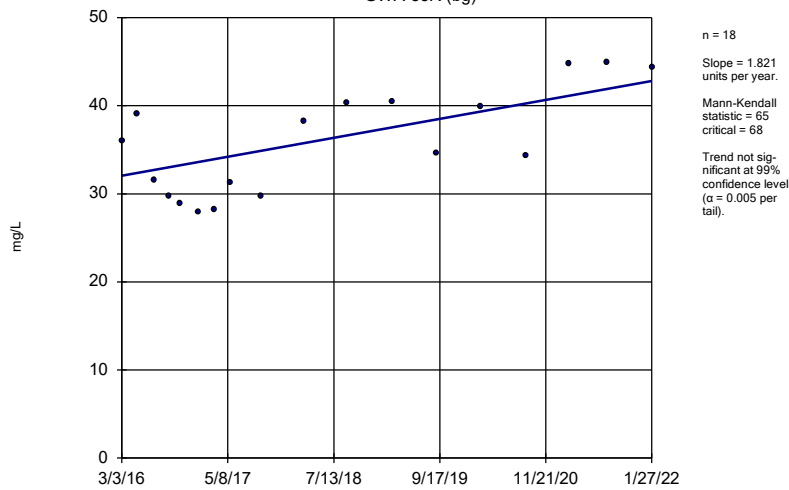
GWA-55 (bg)



Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

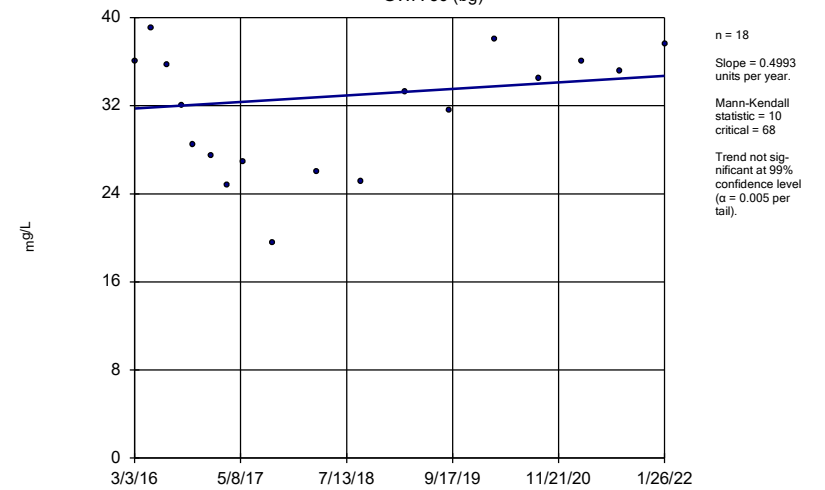
GWA-55R (bg)



Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

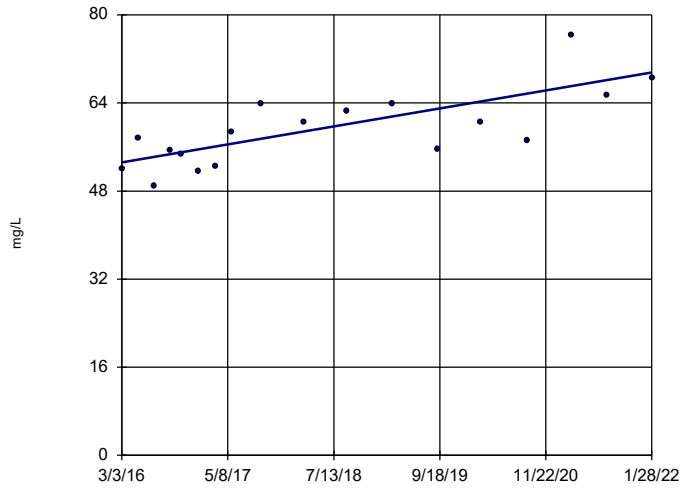
GWA-56 (bg)



Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWC-16R

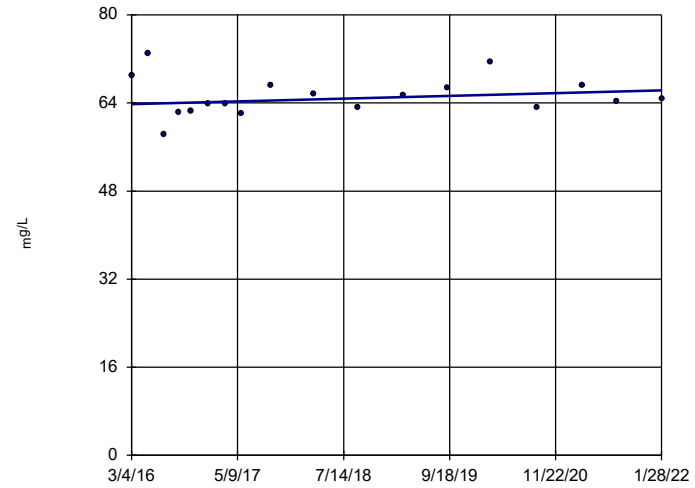


n = 18
 Slope = 2.762
 units per year.
 Mann-Kendall
 statistic = 87
 critical = 68
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWC-17R

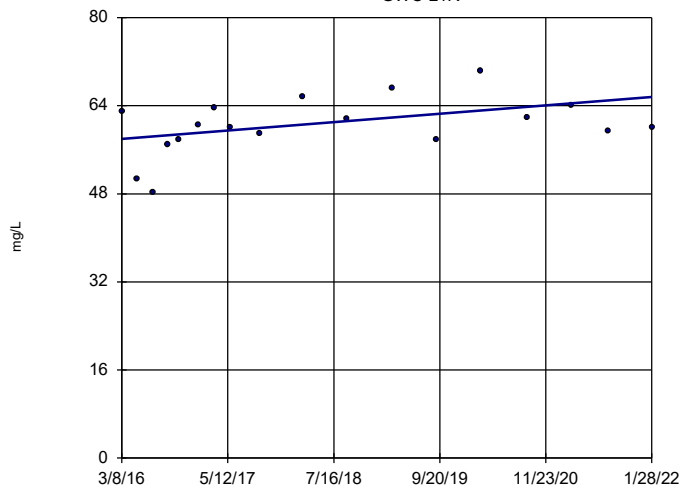


n = 18
 Slope = 0.416
 units per year.
 Mann-Kendall
 statistic = 22
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWC-21R

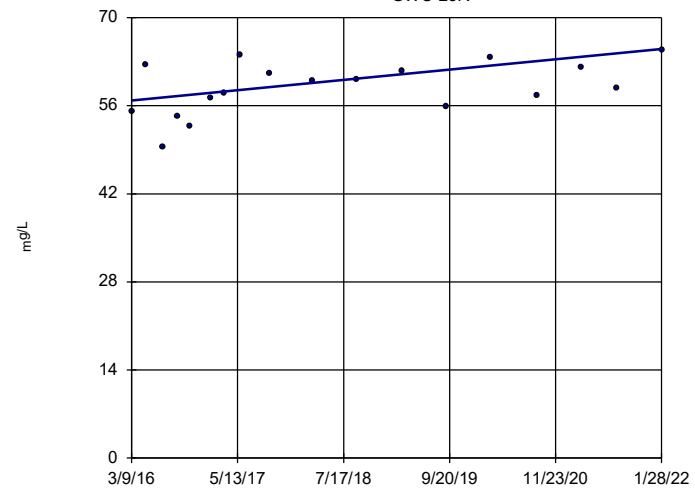


n = 18
 Slope = 1.289
 units per year.
 Mann-Kendall
 statistic = 48
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWC-23R

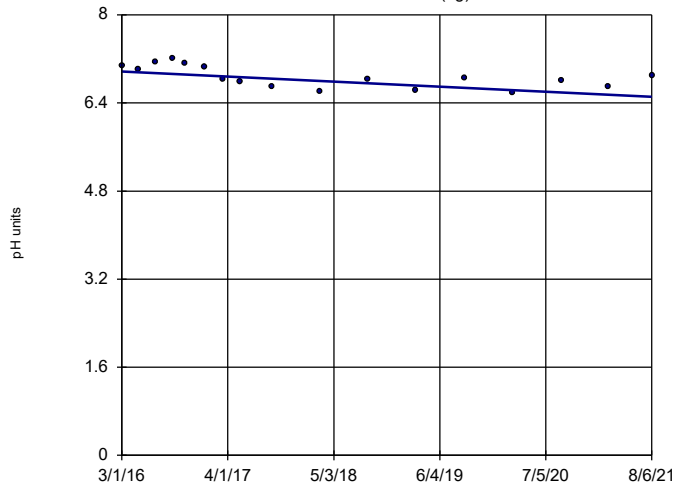


n = 18
 Slope = 1.389
 units per year.
 Mann-Kendall
 statistic = 59
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

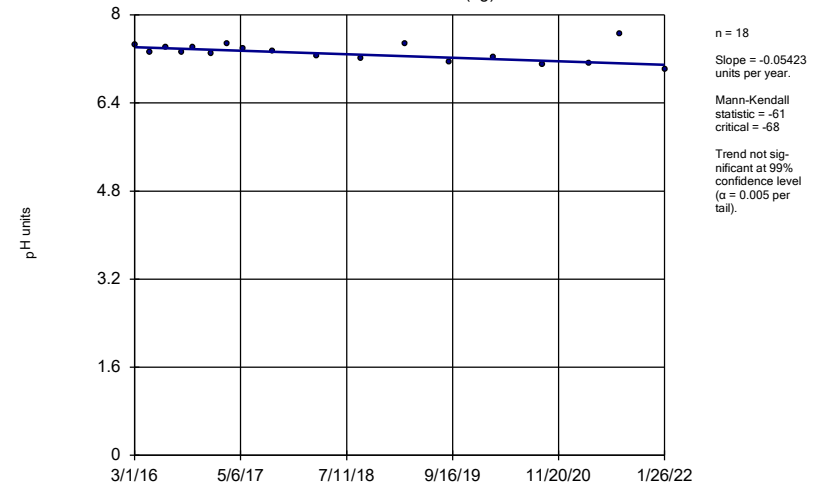
GWA-36 (bg)



Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

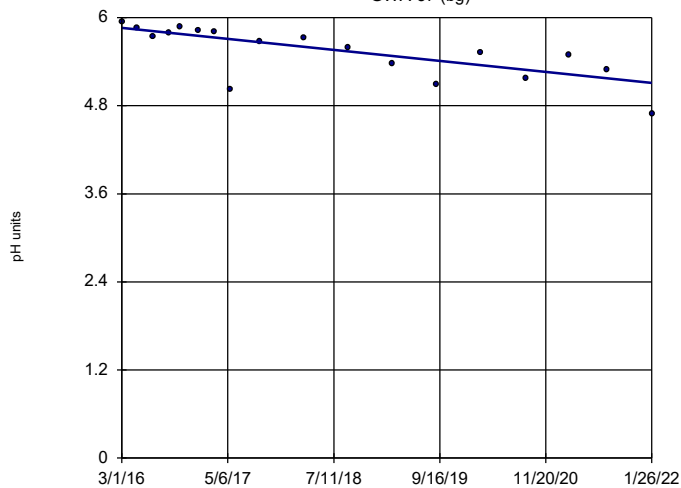
GWA-36RA (bg)



Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

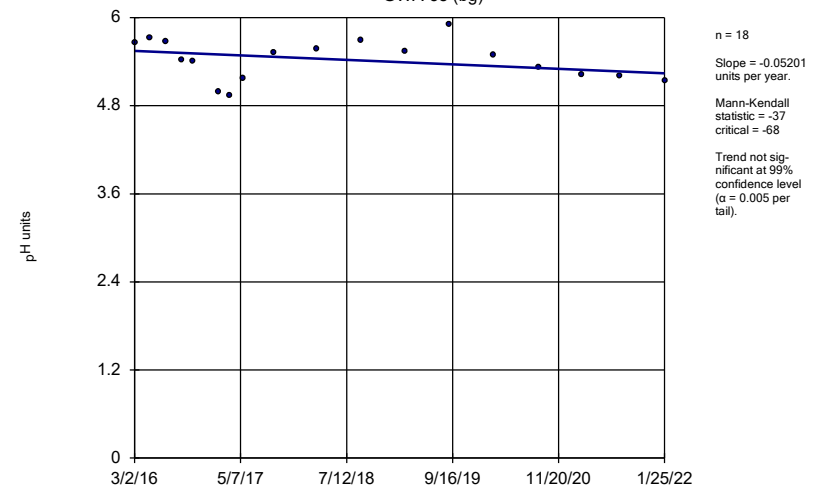
GWA-37 (bg)



Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

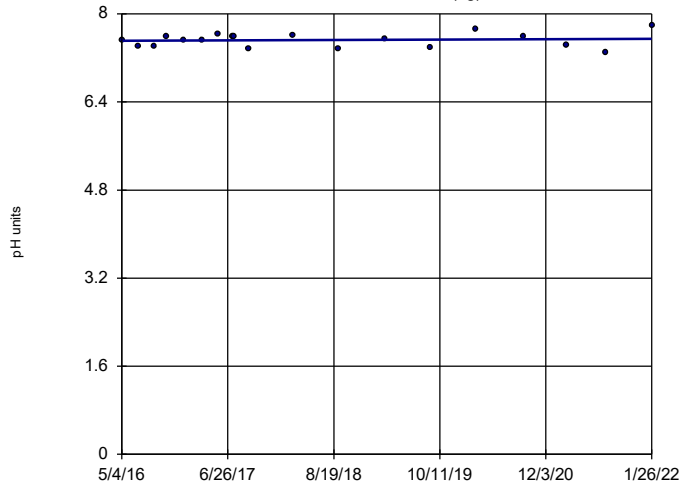
GWA-38 (bg)



Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

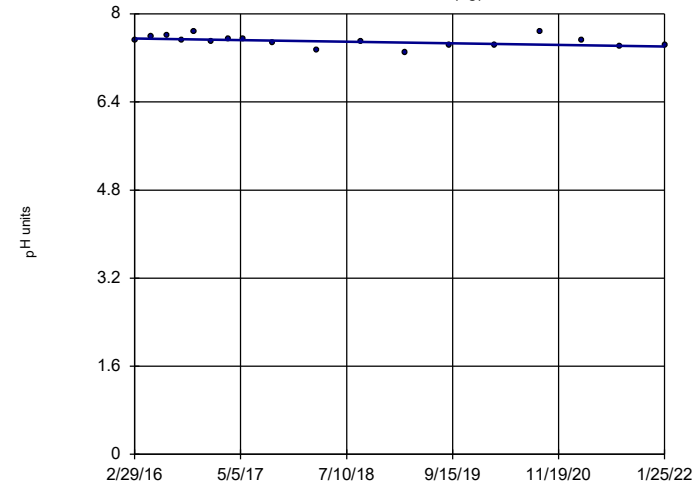
GWA-51RZ (bg)



n = 19
 Slope = 0.006714 units per year.
 Mann-Kendall statistic = 10
 critical = 74
 Trend not significant at 99% confidence level (α = 0.005 per tail).

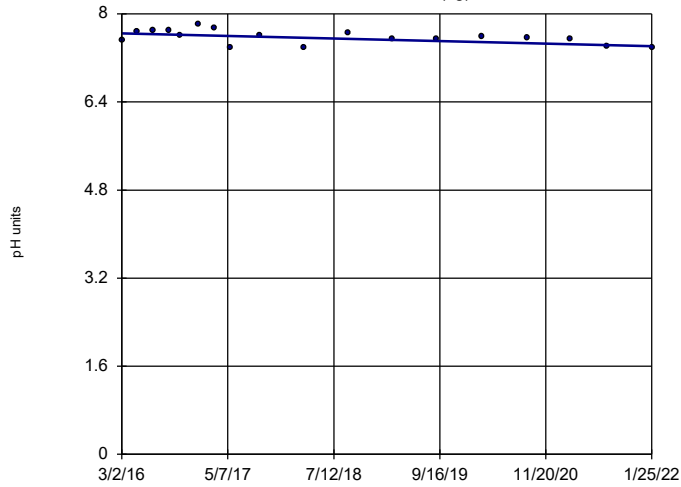
Sen's Slope Estimator

GWA-52 (bg)



Sen's Slope Estimator

GWA-54 (bg)

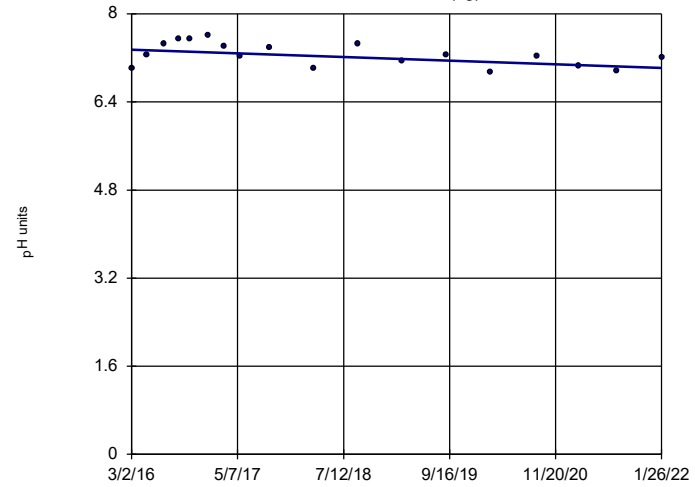


n = 18
 Slope = -0.03997
 units per year.
 Mann-Kendall
 statistic = -57
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-55 (bg)

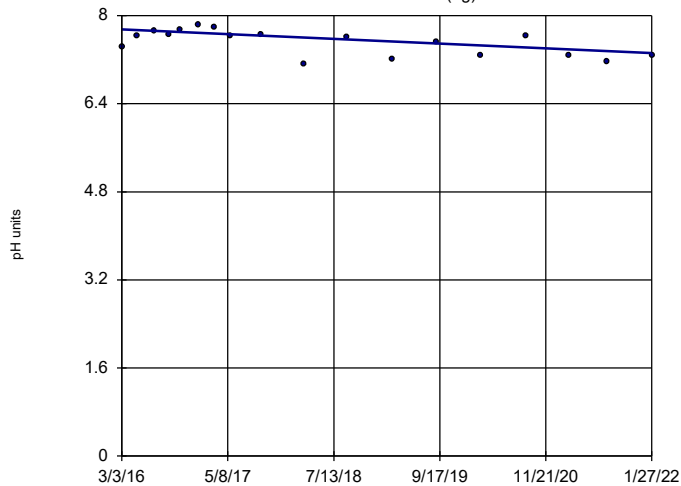


n = 18
 Slope = -0.05659
 units per year.
 Mann-Kendall
 statistic = -57
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-55R (bg)

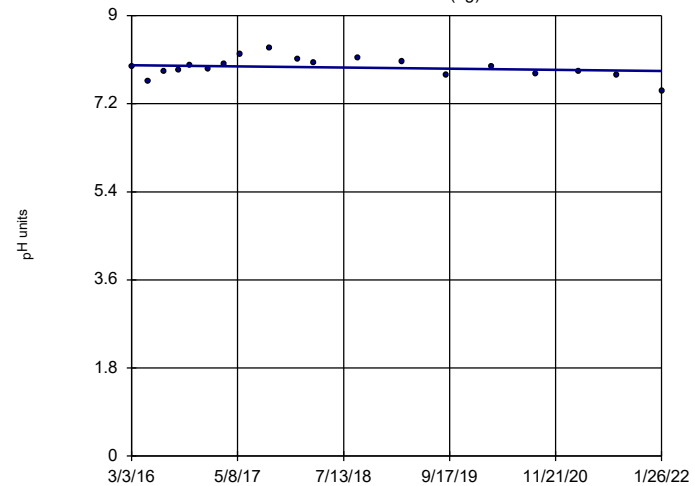


n = 18
 Slope = -0.07241
 units per year.
 Mann-Kendall
 statistic = -60
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-56 (bg)

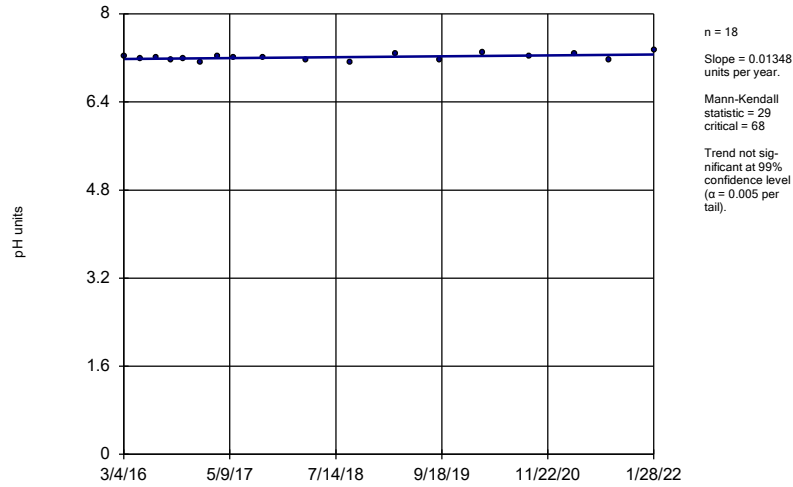


n = 19
 Slope = -0.02047
 units per year.
 Mann-Kendall
 statistic = -21
 critical = -74
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

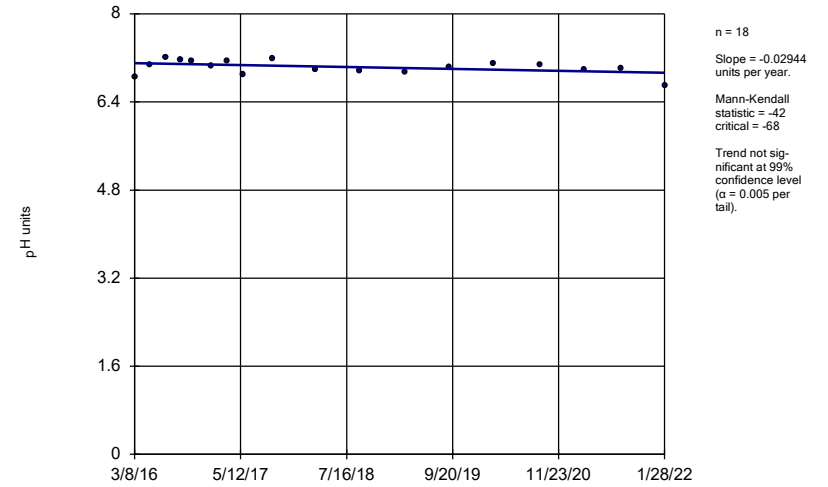
GWC-17R



Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

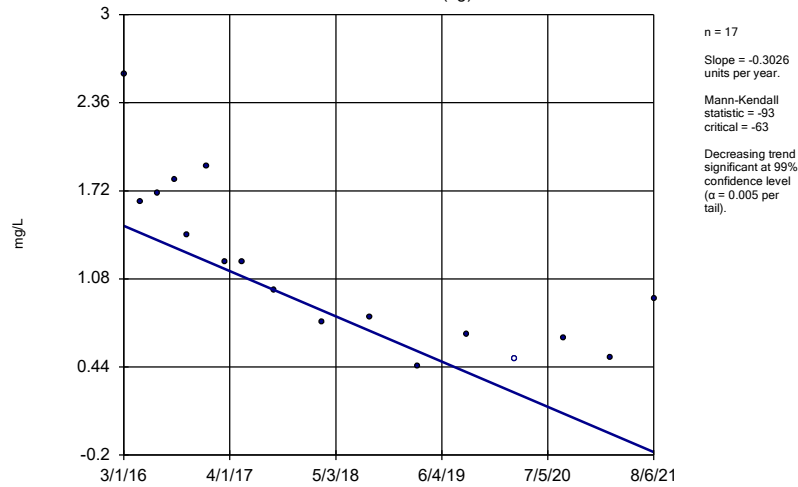
GWC-21R



Constituent: pH Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

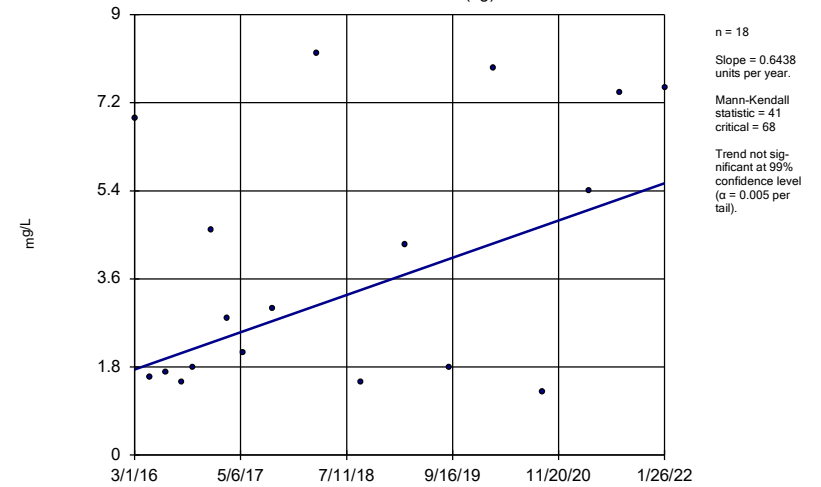
GWA-36 (bg)



Constituent: Sulfate Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

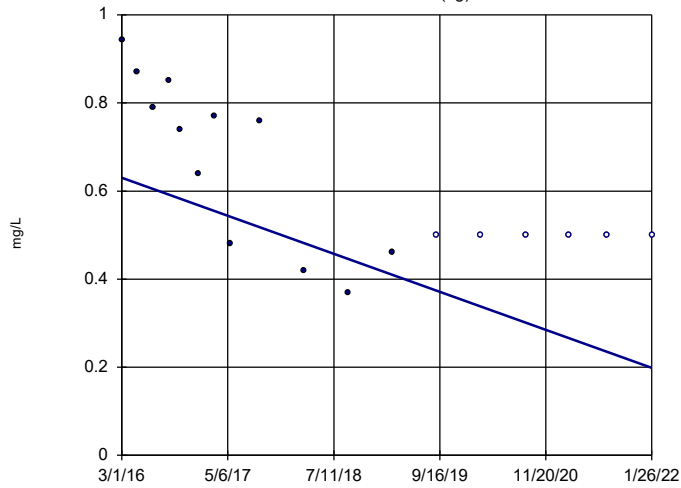
Sen's Slope Estimator

GWA-36RA (bg)



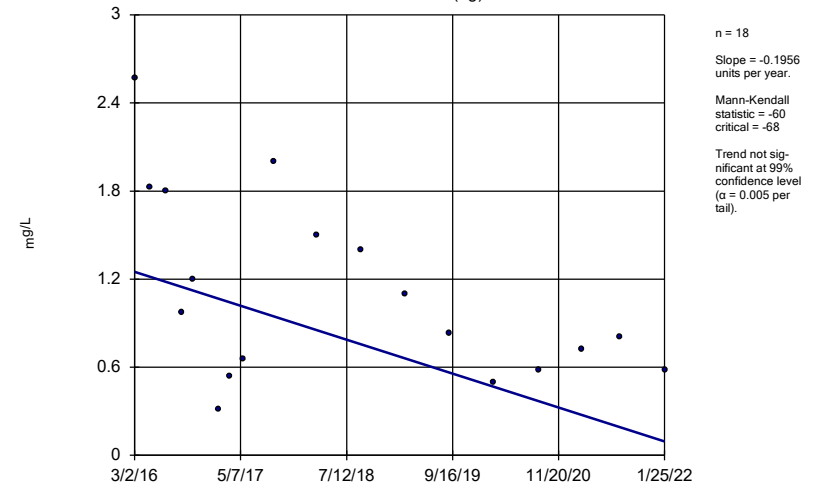
Constituent: Sulfate Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator
 GWA-37 (bg)



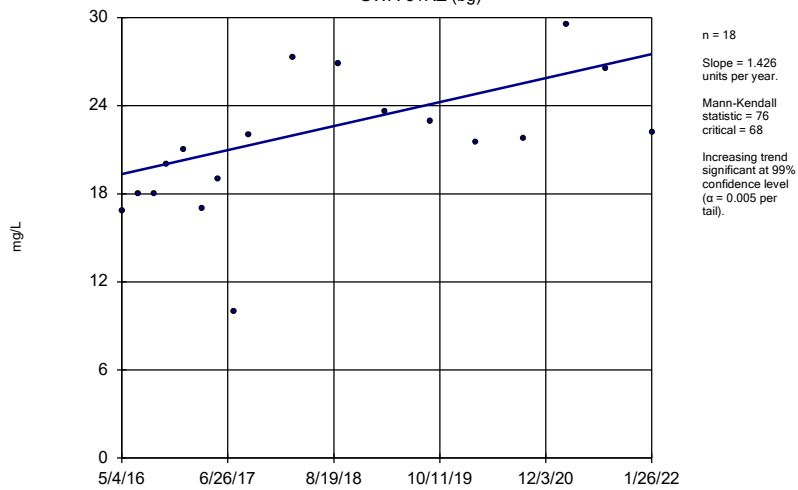
Constituent: Sulfate Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator
 GWA-38 (bg)



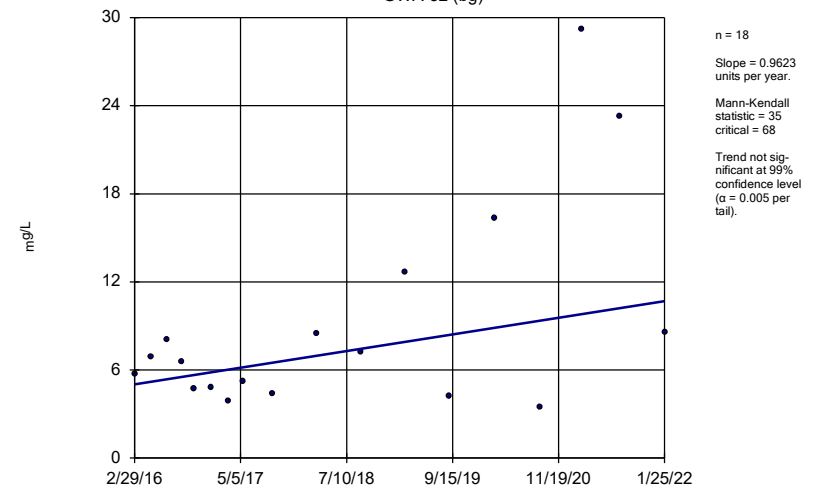
Constituent: Sulfate Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator
 GWA-51RZ (bg)



Constituent: Sulfate Analysis Run 4/13/2022 4:29 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

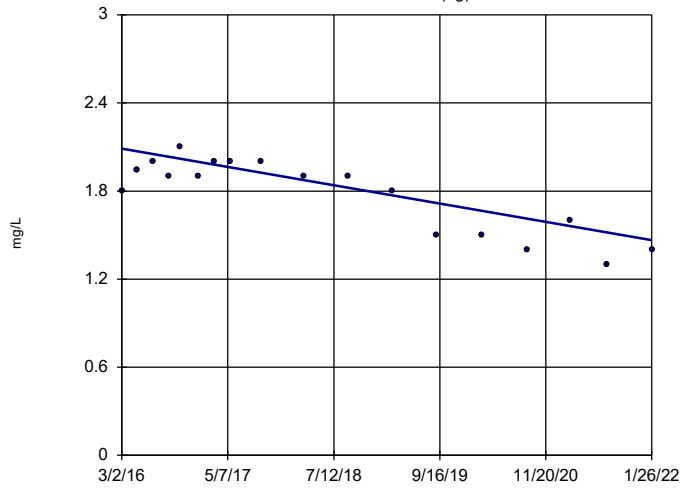
Sen's Slope Estimator
 GWA-52 (bg)



Constituent: Sulfate Analysis Run 4/13/2022 4:30 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-53 (bg)

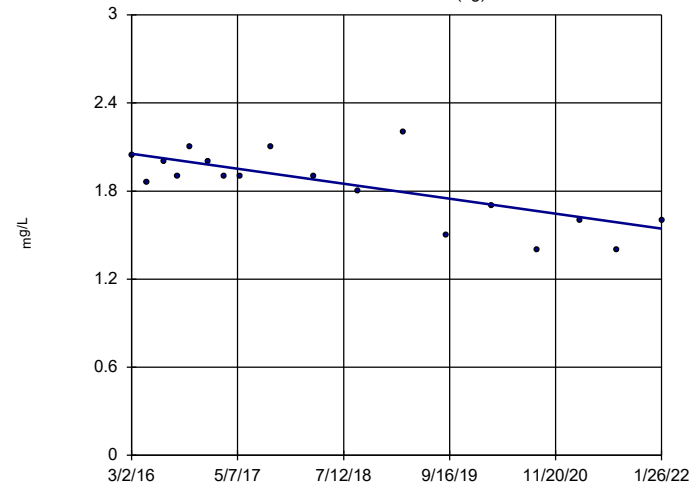


n = 18
 Slope = -0.1053
 units per year.
 Mann-Kendall
 statistic = -83
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/13/2022 4:30 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-53R (bg)

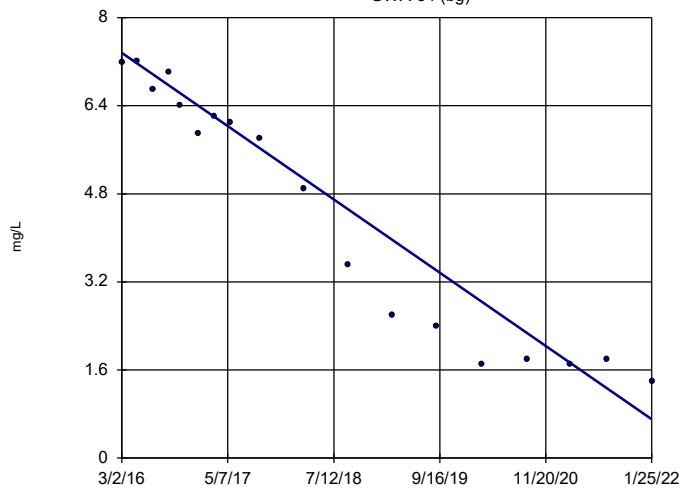


n = 18
 Slope = -0.08634
 units per year.
 Mann-Kendall
 statistic = -73
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/13/2022 4:30 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-54 (bg)

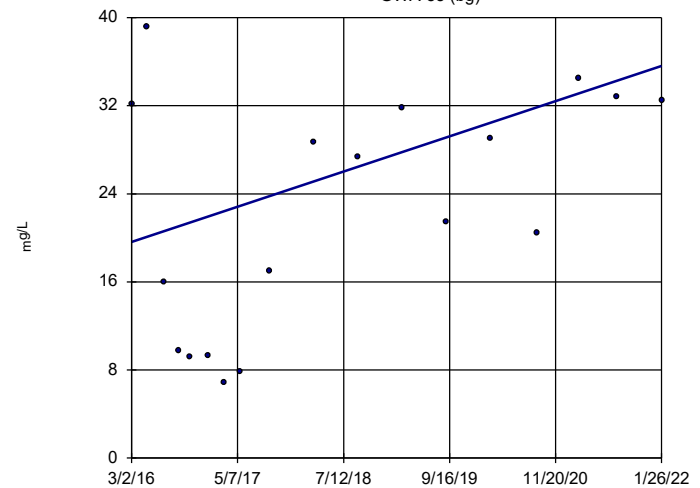


n = 18
 Slope = -1.128
 units per year.
 Mann-Kendall
 statistic = -137
 critical = -68
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/13/2022 4:30 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-55 (bg)

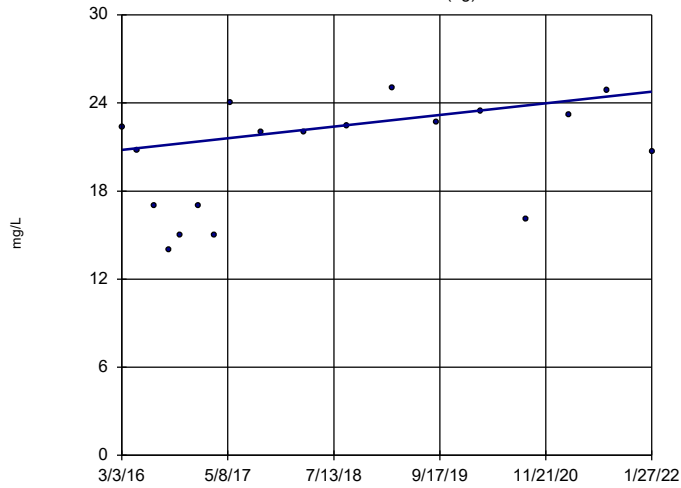


n = 18
 Slope = 2.709
 units per year.
 Mann-Kendall
 statistic = 43
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/13/2022 4:30 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-55R (bg)

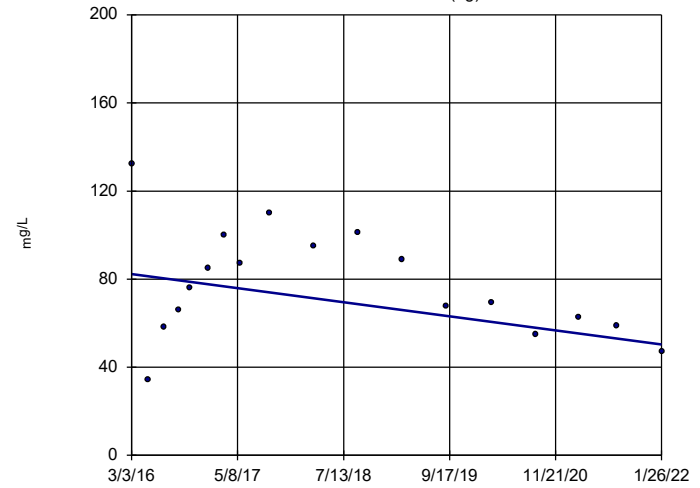


n = 18
 Slope = 0.671
 units per year.
 Mann-Kendall
 statistic = 50
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/13/2022 4:30 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWA-56 (bg)

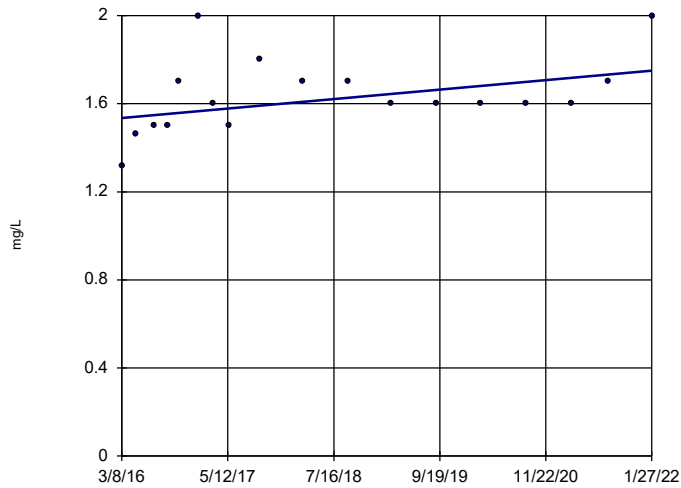


n = 18
 Slope = -5.422
 units per year.
 Mann-Kendall
 statistic = -29
 critical = -68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/13/2022 4:30 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR

Sen's Slope Estimator

GWC-25R



n = 18
 Slope = 0.03653
 units per year.
 Mann-Kendall
 statistic = 54
 critical = 68
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/13/2022 4:30 PM View: Trend Tests - App III Exceedances
 Plant Bowen Client: Southern Company Data: Bowen 3&4 CCR