Georgia Power

Georgia Power Company
Plant McIntosh Landfill No. 4

Permit No. 051-010D(CCR)
Effingham County

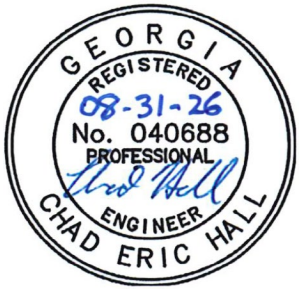
2026 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

Atlantic Coast Consulting, Inc.

PROFESSIONAL CERTIFICATION

This *2026 Semiannual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant McIntosh Existing Landfill No. 4* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residuals Rule [40 Code of Federal Regulations (CFR) 257 Subpart D], specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with Atlantic Coast Consulting, Inc. (ACC). I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules for Solid Waste Management 391-3-4-.01.

ATLANTIC COAST CONSULTING, INC.



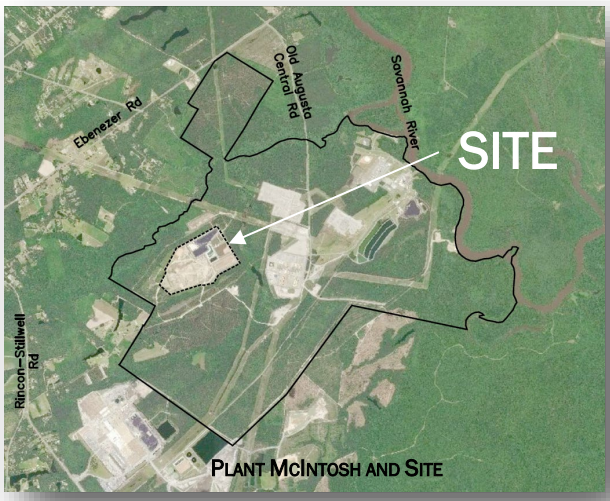
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SUMMARY

This summary of the *2026 Semiannual Groundwater Monitoring and Corrective Action Report* provides the January through June 2026 groundwater monitoring and corrective action program status for Georgia Power Company (Georgia Power) Plant McIntosh Existing Landfill No. 4 (Site). This summary was prepared by Atlantic Coast Consulting, Inc. (ACC) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6[1] of the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule [40 Code of Federal Regulations (CFR) 257 Subpart D].

Plant McIntosh is located at 981 Old Augusta Central Road, approximately 4 miles northeast of the City of Rincon, in Effingham County, Georgia. The Site is located on the western portion of the Plant McIntosh property.



Groundwater at the Site is monitored using a comprehensive monitoring system of wells installed to meet federal and state monitoring requirements of Permit No. 051-010D(CCR). Routine sampling and reporting began after background groundwater conditions were established between August 2004 and November 2006 in accordance with the Handling Permit for CCR requirements specified in the Design and Operation (D&O) Plan. The monitoring program was modified to include Appendix III parameters[2] to meet the requirements of 40 CFR § 257.90 through § 257.95. Background groundwater conditions for Appendix III and IV parameters[3] were established between April 2016 and July 2017. During the reporting period, the Site remained in detection monitoring.

During the 2026 semiannual reporting period, ACC conducted a semiannual groundwater sampling event in February 2026. Groundwater samples were submitted to Eurofins Environment Testing America (Eurofins) for analysis. Per the CCR Rule, groundwater results for February 2026 data were evaluated in accordance with the certified statistical methods.

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

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

[3] Antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, fluoride, lead, lithium, mercury, molybdenum, selenium, thallium, and radium 226+228

That evaluation did not indicate statistically significant values of required parameters in any well.

Based on review of the Appendix III statistical results completed for the groundwater monitoring and corrective action program from January through June 2026, the Site will continue in detection monitoring. Georgia Power will continue routine groundwater monitoring and reporting at the Site. Reports will be posted to Georgia Power's website and provided to the Georgia Environmental Protection Division (EPD) semiannually.

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1.0 INTRODUCTION

In accordance with the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule [40 Code of Federal Regulations (CFR) 257 Subpart D] and the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management 391-3-4-.10, Atlantic Coast Consulting, Inc. (ACC) has prepared this *2026 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted at the Georgia Power Company (Georgia Power) Plant McIntosh Existing Landfill No. 4 (Site). Semiannual monitoring and reporting for the CCR Unit are performed in accordance with the monitoring requirements of 40 CFR § 257.90 through § 257.95 of the Federal CCR Rule and Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a).

Groundwater monitoring is performed in accordance with Handling Permit for CCR, Permit No. 051-010D(CCR) issued by Georgia EPD April 19, 2023. The previous requirements of Solid Waste Permit No. 051-010D(LI) are incorporated into Permit No. 051-010D(CCR).

This report provides the results of the sampling event conducted in February 2026 and includes: (1) results for the list of parameters from Appendix I of 40 CFR § 258 included in the Groundwater Monitoring Plan in the permit; and (2) CCR detection monitoring sampling events for 40 CFR § 257 Appendix III parameters.

This document serves as the *2026 Semiannual Groundwater Monitoring and Corrective Action Report* in accordance with Georgia EPD Rule 391-3-4-.10(6)(a).

1.1 Site Description and Background

Plant McIntosh is located at 981 Old Augusta Central Road, in Effingham County, Georgia, approximately 4 miles northeast of the City of Rincon, and 20 miles north of the City of Savannah. The plant is situated on approximately 2,300 acres (Figure 1, Site Location Map) west of the Savannah River. The Site is located on the western portion of the plant property.

Landfill No. 4 is comprised of Cells 1 and 2A (Figure 2, Well Location Map). Closure construction for Cell 1 of Landfill No. 4 began in June 2015 and final cover construction was completed in August 2016. Georgia Power began construction of Cell 2A in June 2015 and received approval to begin receiving solid waste for disposal on July 20, 2017. Cell 2A of Landfill No. 4 began receiving CCR waste in September 2017. Cell 2A was covered with interim cover in May 2022. In a letter dated December 11, 2023, Georgia EPD acknowledged that the construction activities were completed in accordance with permit documents. Cells 2B, 3, and 4 are for future development.

1.2 Regional Geology and Hydrogeologic Setting

Plant McIntosh is located in the Atlantic Coastal Plain Physiographic Province and situated on sediments that were deposited from the Cretaceous to Pleistocene periods. Regional lithology consists of stratified marine deposits and materials eroded from crystalline rock of the Piedmont Physiographic Province. Boring logs describe soils as interbedded clays, silts, and sands typical of Atlantic Coastal Plain sediments (GEI, 2018).

Monitoring wells and piezometers are screened in the surficial aquifer between approximately 40 and 10 feet North American Vertical Datum of 1988 (NAVD88). The predominant groundwater flow direction is generally to the north but ranges from northeast near Cell 1 to north-northwest near Cell 2B.

1.3 Groundwater Monitoring Well Network and CCR Unit Description

A groundwater monitoring system was installed within the uppermost aquifer at Plant McIntosh Existing Landfill No. 4. The monitoring system is designed to monitor groundwater within the uppermost aquifer passing the waste boundary of the CCR Unit. Table 1, Monitoring Well Network Summary, provides well construction details and Figure 2 shows the monitoring well locations. The monitoring system forms a perimeter network around Cells 1, 2A, and proposed 2B (Figure 2). Since Cell 2B has not been developed, monitoring network wells associated with this cell are considered background monitoring locations until future cell construction occurs. Wells were located to serve as upgradient and downgradient monitoring points based on groundwater flow direction.

2.0 GROUNDWATER MONITORING ACTIVITIES

Pursuant to 40 CFR § 257.90(e), the following describes monitoring-related activities performed during the semiannual monitoring event and discusses any change in status of the monitoring program. All groundwater sampling was performed in accordance with 40 CFR § 257.93. Samples were collected in February 2026 from each well in the certified monitoring system shown on Figure 2. Pursuant to 40 CFR § 257.90(e)(3), a summary and description of groundwater sampling events completed at the Site during the semiannual period is shown on Table 2, Groundwater Event Summary.

2.1 Monitoring Well Installation and Maintenance

There were no changes to the groundwater monitoring system during the reporting period. The network remains the same as in the previous reporting period and is depicted on Figure 2.

Monitoring wells are inspected semiannually to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). Maintenance activities were limited to the following: visual inspection of well conditions prior to sampling, recording the site conditions, and performing exterior maintenance to provide safe access for sampling. Monitoring well inspections are documented in Appendix A, Laboratory Analytical and Field Sampling Reports, and no corrective actions were deemed necessary, except for noted unstable pads for GWC-19 and PZ-22. Corrective actions to fix GWC-19 and PZ-22 were conducted on March 27-28, 2026, as documented in Appendix A. Well inspections and corrective actions were performed under the direction of a professional geologist registered in the State of Georgia.

2.2 Detection Monitoring Program

Detection monitoring is performed on a semiannual basis in accordance with the approved Georgia EPD CCR Permit and the Site's Groundwater Monitoring Plan. A semiannual sampling event was conducted in February 2026.

Groundwater samples from wells in the detection monitoring system were collected from each monitoring well and analyzed for:

- A state-modified Appendix I list of detection parameters according to Georgia EPD Rules for Solid Waste Management 391-3-4-.14 and the approved Groundwater Monitoring Plan. The state-modified parameter list includes antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, thallium, vanadium, and zinc; and
- Appendix III parameters according to 40 CFR § 257.94(a).

Laboratory analytical data packages for the semiannual detection monitoring event in February 2026 event are included in Appendix A.

2.3 Additional Sampling

Additional geochemical analytical data were collected for evaluation purposes during the February 2026 event. Laboratory analytical data packages for the geochemical analytical are included in Appendix A.

3.0 SAMPLE METHODOLOGY AND ANALYSIS

The following sections describe the methods used to conduct groundwater monitoring at the Site.

3.1 Groundwater Flow Direction, Gradient, and Velocity

Prior to the sampling event, groundwater elevations were recorded from each monitoring well and piezometer in the network at the Site. Groundwater elevations recorded during the monitoring events are summarized in Table 3, Summary of Groundwater Elevations. Groundwater elevation data were used to develop Figure 3, Potentiometric Contour Map – February 2026. As shown on the figures, the flow direction is generally to the north but ranges from slightly northeast near Cell 1 to north-northwest near Cells 2A and 2B. Groundwater flow patterns observed during the February 2026 monitoring event are consistent with historical patterns.

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

Equation

$$v = \frac{K(i)}{ne}$$

where: v = groundwater velocity
K = hydraulic conductivity
i = hydraulic gradient
ne = effective porosity

The groundwater flow velocity was calculated for the Site based on average hydraulic gradients, hydraulic conductivity based on the geometric mean aquifer rising head test data, and an estimated effective porosity of 0.20. The groundwater flow velocity has been calculated and is tabulated on Table 4, Horizontal Groundwater Flow Velocity Calculations – February 2026. The

calculated average flow velocity was approximately 0.053 feet per day during the February 2026 event.

The calculated groundwater velocity across the Site is generally consistent with historical calculations and with the expected velocity in the Site-specific geology, therefore confirming the groundwater monitoring network is properly located to monitor the uppermost aquifer.

3.2 Groundwater Sampling

Groundwater samples were collected using low-flow sampling procedures in accordance with 40 CFR § 257.93(a). Purging and sampling was performed using either a peristaltic pump or non-dedicated QED bladder pump. In all cases, pump intakes were located at the midpoint of the well screen (or as appropriate determined by the water level). All non-disposable equipment was decontaminated before use and between well locations using as a guide the procedures described in the latest version of the Region IV US EPA Lab Services and Applied Science Division (LSASD) Operating Procedure for Field Equipment Cleaning and Decontamination (US EPA, 2025).

An AquaTroll (In-Situ field instrument) water quality meter was used to monitor and record field parameters (pH, specific conductance, oxidation-reduction potential [ORP], dissolved oxygen [DO], and temperature) during well purging prior to sampling. Turbidity was measured using a Hach 2100Q portable turbidity meter. Groundwater samples were collected when the following stabilization criteria were met:

- ± 0.1 standard units for pH,
- ± 5% for specific conductance,
- ± 10% or 0.2 milligrams per liter (mg/L), whichever is greater, for DO where DO > 0.5 mg/L. No criterion applies if DO < 0.5 mg/L,
- Turbidity measurements less than 5 nephelometric turbidity units (NTU).

Once stabilization was achieved, samples were collected directly into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Eurofins Environment Testing America (Eurofins) following chain-of-custody protocol. Stabilization logs and field calibration logs for each well during the monitoring event are included in Appendix A.

3.3 Laboratory Analyses

Analytical methods used for groundwater monitoring parameters are provided in laboratory reports in Appendix A. Samples were analyzed for Appendix I and Appendix III parameters required by the current state permit during the monitoring event performed in February 2026. Analytical data collected during the monitoring event are summarized in Table 5, Groundwater Analytical Data Summary – February 2026. Additional geochemical analytical data collected during the February 2026 monitoring event are also summarized in Table 5.

Laboratory analyses were performed by Eurofins. Eurofins is accredited by the National Environmental Laboratory Accreditation Program (NELAP) and maintains a NELAP certification for all parameters analyzed for this project. In addition, Eurofins is certified to perform analysis

by the State of Georgia. Laboratory reports and chain-of-custody records for the monitoring event are presented in Appendix A.

3.4 Quality Assurance and Quality Control

During each sampling event, quality assurance/quality control (QA/QC) samples are collected at a rate of at least one set of QA/QC equipment rinsate blanks per every 10 samples and at least one set of QA/QC field blanks and field duplicate samples per every 20 samples. QA/QC sample data were evaluated during data validation and are included in Appendix A.

Groundwater quality data in this report were validated in accordance with US EPA guidance (US EPA, 2011) and the analytical methods. Data validation generally consisted of reviewing sample integrity, holding times, laboratory method blanks, laboratory control samples, matrix spike/matrix spike duplicate recoveries and relative percent differences (RPDs), post digestion spikes, laboratory and field duplicate RPDs, field and equipment blanks, and reporting limits. The validated data meet project objectives and the associated data validation reports are provided in Appendix A, along with the laboratory reports.

Values followed by a "J" flag in Table 5 indicate that the value is an estimated parameter concentration detected between the method detection limit and the laboratory reporting limit. The estimated value is positively identified but is below the lowest level that can be reliably achieved within specified limits of precision and accuracy under routine laboratory operating conditions.

4.0 STATISTICAL ANALYSIS

Statistical analysis of groundwater monitoring data was performed by Groundwater Stats Consulting, LLC using the appropriate certified statistical methodology for the Site. A summary of the statistical methodology used at the Site for routine groundwater monitoring is provided in Table 6, Statistical Method Summary. Statistical analysis methods and results are provided in Appendix B, Statistical Analysis Reports. A summary of methods and results is provided in the following sections.

4.1 Methods

The statistical method used at the Site was developed by Groundwater Stats Consulting, LLC, using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, March 2009, US EPA 530/ R-09-007 (US EPA, 2009). To develop the statistical methods, analytical data collected during the background period were evaluated and used to develop statistical limits for each Appendix I and Appendix III parameter. Sanitas groundwater statistical software was used to screen the data and perform the statistical analyses. Sanitas is a decision support software package that incorporates the statistical tests required of Subtitle C and D facilities by US EPA regulations.

Statistical analysis of the February 2026 monitoring data included a two-step analysis similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine background (US EPA Unified Guidance [2009], Chapter 7, Section 7.5).

Statistically significant increasing trends identified in upgradient wells are not considered statistically significant increases (SSIs) and are used only for evaluation of natural variability in background conditions. Typically, when changes in concentrations are present upgradient of the facility, it is an indication of naturally changing groundwater quality.

4.1.1 State Appendix I Parameters

Statistical tests used to evaluate the groundwater monitoring data consist of intrawell prediction limits combined with a 1-of-2 verification resample plan for all required Appendix I parameters. Intrawell prediction limits are constructed from historical data within a given well, and the most recent sample is compared to background. Intrawell statistical methods are a conservative first step that may be overly sensitive to natural variation, particularly for nonparametric limits with small background sample sizes. Therefore, for instances where an apparent Appendix I SSI is identified by intrawell statistical methods, interwell statistical methods may be used as a reasonable second step to determine if the initial exceedance is below sitewide background.

If data from a sampling event initially exceed the prediction limit, the resampling strategy may be used to verify the result. In 1-of-2 resampling, one independent resample may be collected and evaluated within 90 days to determine whether the initial exceedance is verified. If the resample exceeds the prediction limit, the initial exceedance is verified, and an SSI is identified. When a resample result does not verify the initial result and does not exceed the prediction limit, there is no SSI. If resampling is not performed, the initial exceedance is a confirmed exceedance.

4.1.2 Appendix III Parameters

Statistical tests used to evaluate the groundwater monitoring data consist of interwell prediction limits combined with a 1-of-2 verification resample plan for Appendix III parameters boron, calcium, chloride, fluoride, pH, and total dissolved solids (TDS). Interwell prediction limits pool upgradient well data to establish a background limit for an individual parameter, and the most recent sample from each downgradient well is compared to the same limit for each parameter.

Monitoring results for sulfate were evaluated using intrawell prediction limits combined with a 1-of-2 verification resample plan. Where an intrawell statistical exceedance for sulfate is identified, interwell statistical methods may be used to determine if the initial exceedance is below sitewide background prior to SSI identification.

4.2 Summary of Statistical Analyses Results for Appendix I Permit Parameters

No exceedances of Appendix I parameters were identified from downgradient samples during the February 2026 semiannual event.

4.3 Summary of Statistical Analyses Results for Appendix III Parameters

No exceedances of Appendix III parameters were identified during the February 2026 semiannual event.

5.0 MONITORING PROGRAM STATUS

There were no SSIs for Appendix I or Appendix III parameters during the semiannual reporting period. Therefore, the Site remains in detection monitoring.

6.0 CONCLUSIONS AND FUTURE ACTIONS

This *2026 Semiannual Groundwater Monitoring and Corrective Action Report* for Georgia Power Company's Plant McIntosh Existing Landfill No. 4 was prepared to fulfill the requirements of US EPA's CCR Rule and Georgia EPD Rules for Solid Waste Management Chapter 391-3-4-.10.

Statistical evaluations of the groundwater monitoring data did not identify any SSIs for Appendix I or Appendix III parameters. The Site will remain in detection monitoring.

The next semiannual detection monitoring event is tentatively scheduled for August 2026.

7.0 REFERENCES

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US EPA, 2025. Groundwater Sampling – Operating Procedure: LSASDPROC-301-R7, Athens, Georgia, 36 p.

TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant McIntosh Landfill No. 4
Effingham County, GA

Well ID	Well Designation	Location	Northing	Easting	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Total Well Depth (feet below top of casing)	Groundwater Zone Screened	Installation Date
GWC-1	Detection	Downgradient	855444.67	958416.09	44.06	46.85	29.06	19.06	28.29	ML, SP	08/17/2004
GWA-2	Detection	Upgradient	855307.00	958105.74	50.46	53.43	35.46	25.46	28.47	SP	08/17/2004
GWA-3	Detection	Upgradient	855168.65	957788.07	54.94	57.75	29.94	19.94	38.31	SP	08/17/2004
GWA-4A	Detection	Upgradient	855352.40	957496.55	61.90	65.00	40.00	30.00	39.00	ML, SW	08/04/2016
GWA-5	Detection	Upgradient	855677.36	957324.69	58.88	62.09	30.88	20.88	41.71	ML, SP	08/18/2004
GWC-9	Detection	Downgradient	856726.86	957902.73	50.83	53.38	25.83	15.83	38.05	SP	08/16/2004
GWC-10	Detection	Downgradient	856427.33	958081.67	46.73	49.39	26.73	16.73	33.16	ML, SP	08/19/2004
GWC-11	Detection	Downgradient	856116.10	958251.47	55.02	57.74	25.02	15.02	43.22	ML, CL, SP	08/18/2004
GWC-12	Detection	Downgradient	855803.06	958419.42	54.45	57.05	26.45	16.45	41.10	ML, SP	08/18/2004
GWA-13	Detection	Upgradient	855669.78	957006.93	57.92	60.93	31.12	21.12	40.11	SP, SW-SC, CH	10/23/2015
GWA-14	Detection	Upgradient	855474.34	956656.93	58.76	61.59	21.99	11.99	49.90	SP-SM, SW-SM	10/27/2015
GWA-15	Detection	Upgradient	855322.04	956314.43	53.76	56.86	26.86	16.86	40.30	CH, SP-SM, SW-SC	10/27/2015
GWA-16	Detection	Upgradient	855639.94	956094.72	51.49	54.67	24.70	14.70	40.27	SP, SW-SM	10/27/2015
GWC-17*	Detection	Upgradient	856011.11	956102.53	51.50	54.29	24.54	14.54	40.05	SW-SM, SP-SC	10/28/2015
GWC-18*	Detection	Upgradient	856205.60	956438.23	56.62	59.74	27.84	17.84	42.20	SP-SC, SW, SP-SM, ML	10/29/2015
GWC-19	Detection	Downgradient	856400.67	956801.55	51.00	53.59	26.94	16.94	36.95	SW-SC, SW, SP-SM, ML	10/29/2015
GWC-20	Detection	Downgradient	856561.94	957093.84	44.35	47.36	27.53	17.53	30.13	SW, MH	10/30/2015
GWC-21	Detection	Downgradient	856734.02	957390.27	42.31	45.22	28.36	18.36	27.16	SW, SW-SC, SP-SM, MH, ML	11/04/2015
PZ-22	Piezometer	Downgradient	856950.76	957722.56	47.84	51.17	29.82	19.82	31.65	SP, SM	11/04/2015
GWC-23	Detection	Downgradient	856905.61	957714.35	49.45	52.43	29.70	19.70	33.70	CL, SM, ML	05/26/2016

Notes:
Elevations shown are in datum NAVD88, which indicates feet in elevation referenced to the North American Vertical Datum 1988.
Georgia State Plane NAD83 East Zone referenced for horizontal datum.
Survey points measured at nail or known reference point.
* Wells GWC-17 and GWC-18 were approved by Georgia EPD for use in the background monitoring pool until Cell 2B is constructed and waste is placed.
Groundwater Zone Screened references USCS ASTM 2488 Visual Manual Group Symbol or well survey.
Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.

Table 2
Groundwater Event Summary
Georgia Power Company
Plant McIntosh Landfill No. 4
Effingham County, GA

Well ID	Hydraulic Location	Well Designation	February 2-4, 2026
			Detection Event
GWC-1	Downgradient	Detection	X
GWA-2	Upgradient	Detection	X
GWA-3	Upgradient	Detection	X
GWA-4A	Upgradient	Detection	X
GWA-5	Upgradient	Detection	X
GWC-9	Downgradient	Detection	X
GWC-10	Downgradient	Detection	X
GWC-11	Downgradient	Detection	X
GWC-12	Downgradient	Detection	X
GWA-13	Upgradient	Detection	X
GWA-14	Upgradient	Detection	X
GWA-15	Upgradient	Detection	X
GWA-16	Upgradient	Detection	X
GWC-17	Upgradient	Detection	X
GWC-18	Upgradient	Detection	X
GWC-19	Downgradient	Detection	X
GWC-20	Downgradient	Detection	X
GWC-21	Downgradient	Detection	X
GWC-23	Downgradient	Detection	X

Notes:
X - Indicates well sampled during event
Detection Event includes Appendix III and Appendix I parameters.

Table 3
Summary of Groundwater Elevations
Georgia Power Company
Plant McIntosh Landfill No. 4
Effingham County, GA

		February 2026	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
GWC-1	46.85	16.00	30.85
GWA-2	53.43	17.91	35.52
GWA-3	57.75	22.28	35.47
GWA-4A	65.00	26.73	38.27
GWA-5	62.09	25.50	36.59
GWC-9	53.38	29.80	23.58
GWC-10	49.39	25.29	24.10
GWC-11	57.74	33.74	24.00
GWC-12	57.05	27.71	29.34
GWA-13	60.93	25.54	35.39
GWA-14	61.59	26.23	35.36
GWA-15	56.86	22.71	34.15
GWA-16	54.67	24.87	29.80
GWC-17	54.29	27.82	26.47
GWC-18	59.74	36.04	23.70
GWC-19	53.59	30.06	23.53
GWC-20	47.36	23.55	23.81
GWC-21	45.22	21.61	23.61
PZ-22	51.17	28.28	22.89
GWC-23	52.43	29.37	23.06

Notes:
Elevations referenced to the North American Vertical Datum 1988.
Groundwater elevations measured February 2, 2026.

Table 4
Horizontal Groundwater Flow Velocity Calculations - February 2026
Georgia Power Company
Plant McIntosh Landfill No. 4
Effingham County, GA

Well Pair	Groundwater Elevations in Well Pairs (feet)		Change in Elevation (feet)	Distance Between Well 1 and Well 2 (feet)	Hydraulic Gradient (i)	Average Hydraulic Conductivity (K) (feet per day)	Estimated Effective Porosity (ne)	Calculated Groundwater Flow Velocity (feet per day)	Calculated Groundwater Flow Velocity (feet per year)
GWA-14 to GWC-18	35.36	23.70	11.66	763.5	0.015	0.86	0.20	0.064	24
GWA-3 to GWC-11	35.47	24.00	11.47	1055	0.011	0.86	0.20	0.047	17
GWA-5 to GWC-23	36.59	23.06	13.53	1289	0.011	0.86	0.20	0.047	17
Average					**0.012**	**0.86**	**0.20**	**0.053**	**19**

Notes:
In-situ hydraulic conductivity (slug) tests at the Site calculated an average of 0.859 feet per day (Site Acceptability Report, Southern Company Services, 2002).
Effective porosity of 20% was selected for Silty Sands from Interim Final RCRA Investigation (EPA, 1989).
See Figure 3 for illustrated flow paths.
Groundwater flow velocity equation: V = (K* i)/ne, where V is groundwater velocity, K is hydraulic conductivity, i is hydraulic gradient, and ne is effective porosity.

Table 5
Groundwater Analytical Data Summary - February 2026
Georgia Power Company
Plant McIntosh Landfill No. 4
Effingham County, GA

	Sample Location	GWC-1	GWA-2	GWA-3	GWA-4A	GWA-5	GWC-9	GWC-10	GWC-11	GWC-12
	Sample Date	02/03/2026	02/03/2026	02/02/2026	02/02/2026	02/02/2026	02/04/2026	02/04/2026	02/03/2026	02/03/2026
ANALYTE	UNITS									
Appendix III										
Boron	mg/L	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	0.028 J	0.026 J	< 0.026	< 0.026
Calcium	mg/L	1.1	0.30	0.54	0.48	1.4	3.0	21	11	0.65
Chloride	mg/L	4.7	4.2	2.9	3.9	4.1	8.5	5.8	5.1	3.8
Fluoride	mg/L	0.11 J	0.12 J	0.098 J	0.097 J	0.19 J	0.14 J	0.19 J	0.31	0.11 J
pH, Field	SU	4.84	4.70	5.05	5.00	5.17	5.29	6.35	6.16	4.91
Sulfate	mg/L	0.99 J	0.77 J	< 0.77	1.2	1.0	1.1	3.0	2.4	< 0.77
Total Dissolved Solids	mg/L	50	62	28	21	27	17	95	92	22
Required by Permit										
Antimony	mg/L	< 0.0025	< 0.0025	0.0058	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	0.0048 J	< 0.0013	< 0.0013	< 0.0013	< 0.0013	0.0013 J	< 0.0013
Barium	mg/L	0.032	0.035	0.017	0.017	0.033	0.019	0.021	0.011	0.010
Beryllium	mg/L	0.00018 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00018 J
Cadmium	mg/L	< 0.00024	< 0.00024	0.0016	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0037	0.0086	< 0.0037	< 0.0037	< 0.0037	< 0.0037	0.0055	< 0.0037
Cobalt	mg/L	0.0015 J	0.0014 J	< 0.00041	0.0013 J	0.00081 J	< 0.00041	< 0.00041	< 0.00041	0.00057 J
Copper	mg/L	< 0.00064	< 0.00064	0.0010 J	0.00066 J	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Nickel	mg/L	0.0013 J	0.0013 J	< 0.00042	0.00058 J	0.00057 J	0.00069 J	< 0.00042	0.00063 J	0.0013 J
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Silver	mg/L	< 0.00017	< 0.00017	0.00054 J	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Thallium	mg/L	< 0.00019	< 0.00019	0.00035 J	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Vanadium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0019 J	< 0.0012
Zinc	mg/L	< 0.0089	< 0.0089	0.014	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089
Additional Parameters										
Total Alkalinity as CaCO3	mg/L	8.5	6.6	< 3.0	3.1	6.8	17	110	57	16
Bicarbonate Alkalinity as CaCO3	mg/L	8.5	6.6	< 3.0	3.1	6.8	17	110	57	16
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Magnesium	mg/L	1.0	0.78	0.44	0.52	0.58	1.5	11	4.9	0.44
Potassium	mg/L	0.82	0.95	0.71	0.62	0.74	0.97	1.2	0.99	0.66
Sodium	mg/L	3.6	3.5	2.7	3.5	2.7	6.1	5.9	5.3	2.7

Notes:
mg/L - milligrams per liter
SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the MDL, but below the laboratory reporting limit.
Parameters required by permit are Appendix I parameters included to meet Georgia EPD Rule 391-3-4-.14 requirements.

Table 5
Groundwater Analytical Data Summary - February 2026
Georgia Power Company
Plant McIntosh Landfill No. 4
Effingham County, GA

	Sample Location	GWA-13	GWA-14	GWA-15	GWA-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
	Sample Date	02/02/2026	02/02/2026	02/03/2026	02/03/2026	02/03/2026	02/03/2026	02/03/2026	02/03/2026	02/04/2026
ANALYTE	UNITS									
Appendix III										
Boron	mg/L	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	0.042 J	< 0.026
Calcium	mg/L	0.31	0.47	0.38	0.39	2.2	12	5.8	1.4	1.2
Chloride	mg/L	4.0	4.0	3.6	4.0	4.9	4.9	5.0	7.7	7.0
Fluoride	mg/L	0.11 J	0.099 J	0.19 J	0.18 J	0.33	0.58	0.17 J	0.11 J	0.097 J
pH, Field	SU	4.73	4.91	4.79	4.82	5.03	6.38	5.43	4.72	4.68
Sulfate	mg/L	< 0.77	0.78 J	1.7	1.3	1.0	2.2	2.4	0.94 J	< 0.77
Total Dissolved Solids	mg/L	36	21	27	34	35	58	56	51	< 10
Required by Permit										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.021	0.015	0.024	0.027	0.018	0.013	0.0089 J	0.016	0.024
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00070 J	< 0.00015	0.00022 J	0.00022 J	0.00017 J
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	0.00042 J	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	0.00054 J	< 0.00041	0.00047 J	0.00045 J	< 0.00041	< 0.00041	< 0.00041	0.00081 J	0.00081 J
Copper	mg/L	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064	0.00070 J
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Nickel	mg/L	0.00045 J	0.00065 J	0.00046 J	0.00061 J	0.0020 J	0.00071 J	0.0011 J	0.0010 J	0.00074 J
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Vanadium	mg/L	< 0.0012	< 0.0012	< 0.0012	0.0014 J	0.0012 J	0.0037 J	0.0017 J	0.0014 J	< 0.0012
Zinc	mg/L	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089
Additional Parameters										
Total Alkalinity as CaCO3	mg/L	3.0	3.8	3.2	< 3.0	5.7	45	32	4.3	5.1
Bicarbonate Alkalinity as CaCO3	mg/L	3.0	3.8	3.2	< 3.0	5.7	45	32	4.3	5.1
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Magnesium	mg/L	0.56	0.41	0.55	0.57	0.71	4.5	1.4	0.88	0.92
Potassium	mg/L	0.66	0.66	0.62	0.85	1.0	0.96	0.86	0.84	0.87
Sodium	mg/L	2.9	3.3	2.9	2.9	2.5	4.2	4.2	5.0	4.8

Notes:
mg/L - milligrams per liter
SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the MDL, but below the laboratory reporting limit.
Parameters required by permit are Appendix I parameters included to meet Georgia EPD Rule 391-3-4-.14 requirements.

Table 5
Groundwater Analytical Data Summary - February 2026
Georgia Power Company
Plant McIntosh Landfill No. 4
Effingham County, GA

	Sample Location	GWC-23
	Sample Date	02/04/2026
ANALYTE	UNITS	
Appendix III		
Boron	mg/L	< 0.026
Calcium	mg/L	1.1
Chloride	mg/L	5.3
Fluoride	mg/L	0.12 J
pH, Field	SU	4.94
Sulfate	mg/L	2.0
Total Dissolved Solids	mg/L	< 10
Required by Permit		
Antimony	mg/L	< 0.0025
Arsenic	mg/L	< 0.0013
Barium	mg/L	0.019
Beryllium	mg/L	< 0.00015
Cadmium	mg/L	< 0.00024
Chromium	mg/L	< 0.0037
Cobalt	mg/L	0.00070 J
Copper	mg/L	< 0.00064
Lead	mg/L	< 0.00086
Nickel	mg/L	0.0010 J
Selenium	mg/L	< 0.0023
Silver	mg/L	< 0.00017
Thallium	mg/L	< 0.00019
Vanadium	mg/L	< 0.0012
Zinc	mg/L	< 0.0089
Additional Parameters		
Total Alkalinity as CaCO3	mg/L	4.7
Bicarbonate Alkalinity as CaCO3	mg/L	4.7
Carbonate Alkalinity as CaCO3	mg/L	< 3.0
Magnesium	mg/L	0.62
Potassium	mg/L	0.70
Sodium	mg/L	4.2

Notes:
mg/L - milligrams per liter
SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the MDL, but below the laboratory reporting limit.
Parameters required by permit are Appendix I parameters included to meet Georgia EPD Rule 391-3-4-.14 requirements.

Table 6
Statistical Method Summary
Georgia Power Company
Plant McIntosh Landfill No. 4
Effingham County, GA

Plant McIntosh Landfill No. 4 Statistical Method Summary		
Monitoring Well Network	Upgradient Wells	GWA-2, GWA-3, GWA-4A, GWA-5, GWA-13, GWA-14, GWA-15, GWA-16, GWC-17, and GWC-18
	Downgradient Wells	GWC-1, GWC-9, GWC-10, GWC-11, GWC-12, GWC-19, GWC-20, GWC-21, and GWC-23
CCR Monitoring Parameters	Appendix III (Detection Monitoring)	Boron, Calcium, Chloride, Fluoride, pH, Sulfate, and Total Dissolved Solids (TDS)
	Appendix IV (Assessment Monitoring)	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Combined Radium 226 + 228, Fluoride, Lead, Lithium, Mercury, Molybdenum, Selenium, and Thallium
Georgia EPD Permit Metals	Detection Monitoring	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc
Statistical Methodology	Data Screening Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	Interwell (boron, calcium, chloride, fluoride, pH, and TDS) or intrawell (sulfate and Georgia EPD Permit Metals) statistical limits are on parameter specific basis, depending on the appropriateness of the method as determined by the Analysis of Variance. Intrawell exceedances are further evaluated by interwell analysis per the two-step statistical method.

Notes:
Wells GWC-17 and GWC-18 were approved by Georgia EPD for use in the background monitoring pool until Cell 2B is constructed and waste is placed.

FIGURES

Georgia Power

GEORGIA POWER COMPANY
PLANT McINTOSH LANDFILL No. 4

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- LANDFILL No. 4



NOTES

1. AERIAL DATED DECEMBER 2025, PROVIDED BY SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED FROM 2019 THROUGH 2021.

N

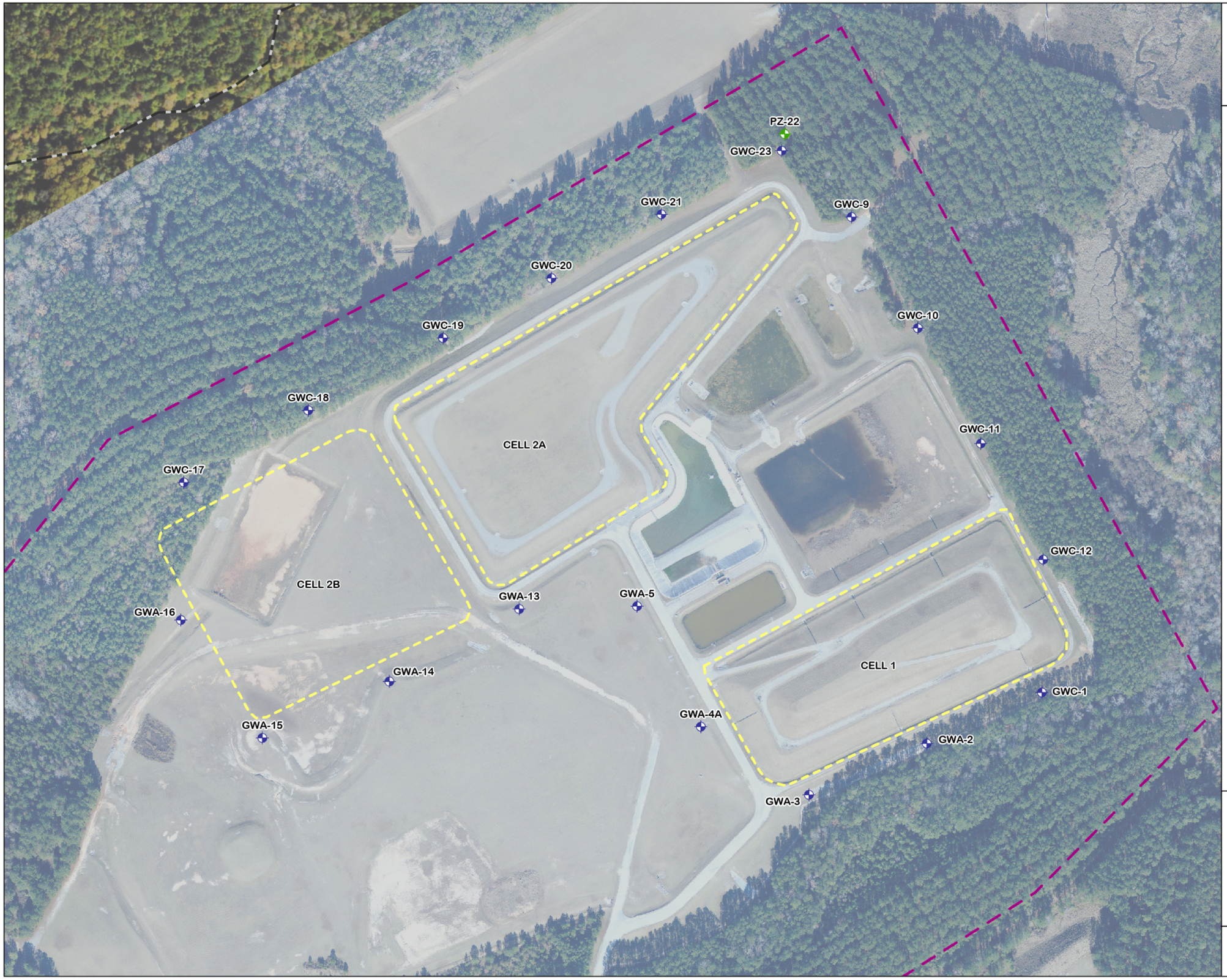
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SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

2026 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

SITE LOCATION MAP

FIGURE 1



Georgia Power

GEORGIA POWER COMPANY
PLANT McINTOSH LANDFILL No. 4

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LANDFILL BOUNDARY
- APPROXIMATE CELL BOUNDARY
- DETECTION WELL
- PIEZOMETER

NOTES:

1. AERIAL DATED DECEMBER 2025, PROVIDED BY SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED FROM 2019 THROUGH 2021.
2. MONITORING WELLS GWC-17 AND GWC-18 WERE APPROVED BY GEORGIA EPD FOR USE IN THE BACKGROUND MONITORING POOL UNTIL SUCH TIME THAT CELL 2B IS CONSTRUCTED AND WASTE IS PLACED.

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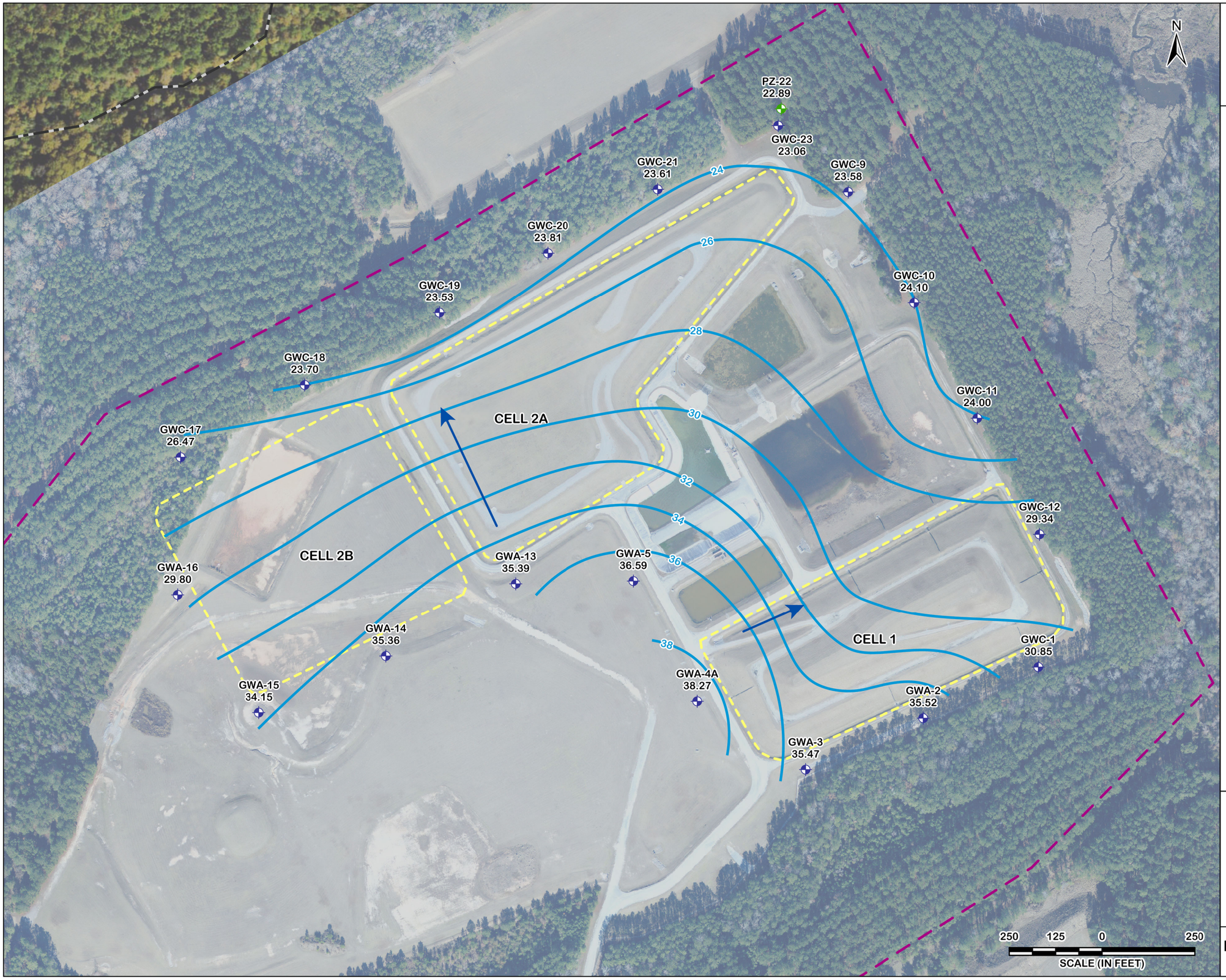
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SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

2026 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

WELL LOCATION MAP

FIGURE 2



Georgia Power

GEORGIA POWER COMPANY
PLANT McINTOSH LANDFILL No. 4

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LANDFILL BOUNDARY
- APPROXIMATE CELL BOUNDARY
- GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- DETECTION WELL
- PIEZOMETER

NOTES

1. AERIAL DATED DECEMBER 2025, PROVIDED BY SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED FROM 2019 THROUGH 2021.
2. MONITORING WELLS GWC-17 AND GWC-18 WERE APPROVED BY GEORGIA EPD FOR USE IN THE BACKGROUND MONITORING POOL UNTIL SUCH TIME THAT CELL 2B IS CONSTRUCTED AND WASTE IS PLACED.
3. DEPTHS TO WATER MEASURED FEBRUARY 2, 2026.

CHARLES BRISENDINE ADAMS
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST
No. 1632

Atlantic Coast Consulting, Inc.

2026 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

POTENTIOMETRIC CONTOUR MAP
FEBRUARY 2026

FIGURE 3

APPENDICES

APPENDIX A

LABORATORY ANALYTICAL AND FIELD SAMPLING REPORTS

APPENDIX A

Laboratory Analytical and Field Sampling Reports
February 2026 Monitoring Event

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kevin Stephenson
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia (St) 30308

Generated 3/18/2026 10:04:11 AM Revision 1

JOB DESCRIPTION

Plant McIntosh Landfill 4

JOB NUMBER

705-56500-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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QC Sample Results 44
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Sample Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-56500-1	MCI-GWA-3	Water	02/02/26 15:35	02/04/26 13:39	Georgia (St)
705-56500-2	MCI-GWA-4A	Water	02/02/26 14:25	02/04/26 13:39	Georgia (St)
705-56500-3	MCI-LF4-GWA-5	Water	02/02/26 13:38	02/04/26 13:39	Georgia (St)
705-56500-4	MCI-GWA-13	Water	02/02/26 14:30	02/04/26 13:39	Georgia (St)
705-56500-5	MCI-GWA-14	Water	02/02/26 15:40	02/04/26 13:39	Georgia (St)
705-56500-6	MCI-LF4-GWC-1	Water	02/03/26 15:32	02/04/26 13:39	Georgia (St)
705-56500-7	MCI-LF4-GWA-2	Water	02/03/26 09:27	02/04/26 13:39	Georgia (St)
705-56500-8	MCI-GWC-11	Water	02/03/26 13:54	02/04/26 13:39	Georgia (St)
705-56500-9	MCI-GWC-12	Water	02/03/26 14:40	02/04/26 13:39	Georgia (St)
705-56500-10	MCI-GWA-15	Water	02/03/26 09:45	02/04/26 13:39	Georgia (St)
705-56500-11	MCI-GWA-16	Water	02/03/26 10:45	02/04/26 13:39	Georgia (St)
705-56500-12	MCI-GWC-17	Water	02/03/26 11:50	02/04/26 13:39	Georgia (St)
705-56500-13	MCI-GWC-18	Water	02/03/26 11:56	02/04/26 13:39	Georgia (St)
705-56500-14	MCI-GWC-19	Water	02/03/26 14:25	02/04/26 13:39	Georgia (St)
705-56500-15	MCI-GWC-20	Water	02/03/26 16:00	02/04/26 13:39	Georgia (St)
705-56500-16	MCI-LF4-FD-03	Water	02/03/26 00:00	02/04/26 13:39	Georgia (St)
705-56500-17	MCI-LF4-FD-04	Water	02/03/26 00:00	02/04/26 13:39	Georgia (St)
705-56500-18	MCI-LF4-FB-05	Water	02/03/26 16:15	02/04/26 13:39	Georgia (St)
705-56500-19	MCI-LF4-EB-07	Water	02/03/26 12:55	02/04/26 13:39	Georgia (St)
705-56500-20	MCI-GWC-9	Water	02/04/26 10:58	02/04/26 13:39	Georgia (St)
705-56500-21	MCI-GWC-10	Water	02/04/26 09:45	02/04/26 13:39	Georgia (St)
705-56500-22	MCI-GWC-21	Water	02/04/26 10:05	02/04/26 13:39	Georgia (St)
705-56500-23	MCI-GWC-23	Water	02/04/26 11:45	02/04/26 13:39	Georgia (St)
705-56500-24	MCI-LF4-FB-06	Water	02/04/26 10:20	02/04/26 13:39	Georgia (St)
705-56500-25	MCI-LF4-EB-08	Water	02/04/26 12:00	02/04/26 13:39	Georgia (St)

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. May, C. Klawke (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 3
Company: GA Power				Job #: 705-56500
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70505834			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0002 / PO Line# 2&3			
Project Name: Plant McIntosh Landfill 4	Project #:			
Site: Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Task_Code: MCI-CCR-ASSMT-2026S1

Special Instructions/Note: Full APP III + 15 State Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	Custom State 15 Permit Metals (EPA 6020): Sb,As,Ba,Be,Cd,Cr,Co,Cu,Pb,Ni,Se,Ag,Tl,V,Zn	Total Number of containers
			Preservation Code:				I	I	D	D	
MCI-GWA-3	02/02/26	1535	G	WG	N	N	X	X	X	X	3
MCI-GWA-4A	02/02/26	1425	G	WG	N	N	X	X	X	X	3
MCI-LF4-GWA-5	02/02/26	1338	G	WG	N	N	X	X	X	X	3
MCI-GWA-13	02/02/26	1430	G	WG	N	N	X	X	X	X	3
MCI-GWA-14	02/02/26	1540	G	WG	N	N	X	X	X	X	3
MCI-LF4-GWC-1	02/03/26	1532	G	WG	N	N	X	X	X	X	3
MCI-LF4-GWA-2	02/03/26	0927	G	WG	N	N	X	X	X	X	3
MCI-GWC-11	02/03/26	1354	G	WG	N	N	X	X	X	X	3
MCI-GWC-12	02/03/26	1440	G	WG	N	N	X	X	X	X	3
MCI-GWA-15	02/03/26	0445 ~~0941~~	G	WG	N	N	X	X	X	X	3
MCI-GWA-16	02/03/26	1045	G	WG	N	N	X	X	X	X	3

705-56500 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: State Permit Metals: antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, thallium, vanadium, zinc

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	02-04-26 1339	ACC		2/4/26 1339	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.8/0.8 3.9/3.9 0.2/0.2 1.5/1.5 1.7/1.7 5.4/5.4 1.3/1.3

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: J. May, C. Clarke (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 3
Company: GA Power				Job #: 705-56500
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70505834			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0002 / PO Line# 2&3			
Project Name: Plant McIntosh Landfill 4	Project #:			
Site: Georgia	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Task_Code: MCI-CCR-ASSMT-2026S1

Special Instructions/Note: Full APP III + 15 State Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	Custom State 15 Permit Metals (EPA 6020): Sb,As,Ba,Be,Cd,Cr,Co,Cu,Pb,Ni,Se,Ag,Tl,V,Zn	Total Number of containers
			Preservation Code:				I	I	D	D	
MCI- GWC-17	02/03/26	1150	G	WG	N	N	X	X	X	X	3
MCI- GWC-18	02/03/26	1156	G	WG	N	N	X	X	X	X	3
MCI- GWC-19	02/03/26	1425	G	WG	N	N	X	X	X	X	3
MCI- GWC-20	02/03/26	1600	G	WG	N	N	X	X	X	X	3
MCI- LF4-FD-03	02/03/26	—	G	WG	N	N	X	X	X	X	3
MCI- LF4-FD-04	02/03/26	—	G	WG	N	N	X	X	X	X	3
MCI- LF4-FB-05	02/03/26	1615	G	WQ	N	N	X	X	X	X	3
MCI- LF4-EB-07	02/03/26	1255	G	WQ	N	N	X	X	X	X	3
MCI- GWC-9	02/04/26	1058	G	WG	N	N	X	X	X	X	3
MCI- GWC-10	02/04/26	0945	G	WG	N	N	X	X	X	X	3
MCI- GWC-21	02/04/26	1005	G	WG	N	N	X	X	X	X	3

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: State Permit Metals: antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, thallium, vanadium, zinc

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	02-04-26 1339	ACC		2/4/26 1339	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5/1.5 1.7/1.7 1.3/1.3 0.8/0.8 3.9/3.9 0.7/0.7 5.4/5.4

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: J. May, C. Klauke (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 3 of 3
Company: GA Power				Job #: 705-56500
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70505834			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0002 / PO Line# 2&3			
Project Name: Plant McIntosh Landfill 4	Project #:			
Site: Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)
Other:

Task_Code: MCI-CCR-ASSMT-2026S1

Special Instructions/Note: Full APP III + 15 State Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	Custom State 15 Permit Metals (EPA 6020): Sb,As,Ba,Be,Cd,Cr,Co,Cu,Pb,Ni,Se,Ag,Tl,V,Zn	Total Number of containers
			Preservation Code:				I	I	D	D	
MCI- GWC-23	02/04/26	1145	G	WG	N	N	X	X	X	X	3
MCI- LF4-FB-06	02/04/26	1020	G	WQ	N	N	X	X	X	X	3
MCI- LF4-EB-08	02/04/26	1200	G	WQ	N	N	X	X	X	X	3
MCI-			G		N	N					
MCI-			G		N	N					
MCI-			G		N	N					
MCI-			G		N	N					
MCI-			G		N	N					
MCI-			G		N	N					
MCI-			G		N	N					
MCI-			G		N	N					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: State Permit Metals: antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, thallium, vanadium, zinc

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		02-04-26 1339	ACC		2/4/26 1339	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5/1.5 1.7/1.7 1.3/1.3 0.8/0.8 3.9/3.9 0.7/0.7 5.4/5.4

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-56500-1

Login Number: 56500
List Number: 1
Creator: Lincoln, Alyssa

List Source: Eurofins Atlanta

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
705-56500-1

Revision 1
The report being provided is a revision of the original report sent on 2/17/2026. The report is being revised in order to revise 6020B Metals results for GWA-3 & EB-07 samples after a data quality review was conducted for these 2 samples.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/4/2026 1:39 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.7°C, 0.8°C, 1.3°C, 1.5°C, 1.7°C, 3.9°C and 5.4°C.

HPLC/IC
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-113840 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-112427 and analytical batch 705-112878 contained Nickel above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed

Method 6020B - Total Recoverable: The method blank for preparation batch 705-112447 and analytical batch 705-112879 contained Vanadium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed

Method 6020B: CCV low for Selenium, but only impacts batch QC. Batch QC recoveries are within control limits therefore they are reported with qualification. (CCV 705-112878/14)

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

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

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWA-3 — Lab Sample ID: 705-56500-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.098	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.54		0.10	0.038	mg/L	1		6010D	Total/NA
Antimony	0.0058		0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Arsenic	0.0048	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.017		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cadmium	0.0016		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Chromium	0.0086		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.0010	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Silver	0.00054	J	0.0010	0.00017	mg/L	1		6020B	Total Recoverable
Thallium	0.00035	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Zinc	0.014		0.010	0.0089	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	28		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWA-4A — Lab Sample ID: 705-56500-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.097	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.48		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.017		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0013	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.00066	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Nickel	0.00058	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	21		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-LF4-GWA-5 — Lab Sample ID: 705-56500-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.033		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00081	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.00057	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	27		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWA-13 — Lab Sample ID: 705-56500-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.31		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.021		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00054	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.00045	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	36		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWA-14 — Lab Sample ID: 705-56500-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.099	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.78	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.47		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.015		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.00065	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	21		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-LF4-GWC-1 — Lab Sample ID: 705-56500-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.99	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.032		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00018	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0015	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.0013	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	50		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-LF4-GWA-2 — Lab Sample ID: 705-56500-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.77	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.30		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.035		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0014	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.0013	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	62		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWC-11 — Lab Sample ID: 705-56500-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.31		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	11		0.10	0.038	mg/L	1		6010D	Total/NA
Arsenic	0.0013	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.011		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0055		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Nickel	0.00063	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0019	J B	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	92		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWC-12 — Lab Sample ID: 705-56500-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.65		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.010		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00018	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.00057	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.0013	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	22		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWA-15 — Lab Sample ID: 705-56500-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.38		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.024		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00047	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.00046	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	27		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWA-16 — Lab Sample ID: 705-56500-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.18	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.39		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.027		0.010	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWA-16 (Continued) — Lab Sample ID: 705-56500-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00045	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.00061	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0014	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	34		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWC-17 — Lab Sample ID: 705-56500-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.33		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	2.2		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.018		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00070	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.00042	J	0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Nickel	0.0020	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0012	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	35		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWC-18 — Lab Sample ID: 705-56500-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.58		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.00071	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0037	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	58		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWC-19 — Lab Sample ID: 705-56500-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.17	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	5.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.0089	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00022	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Nickel	0.0011	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWC-19 (Continued) — Lab Sample ID: 705-56500-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.0017	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	56		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWC-20 — Lab Sample ID: 705-56500-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.94	J	1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.042	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	1.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.016		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00022	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.00081	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.0010	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0014	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	51		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-LF4-FD-03 — Lab Sample ID: 705-56500-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.20		0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	2.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.019		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00068	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.00046	J	0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Nickel	0.0019	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	33		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-LF4-FD-04 — Lab Sample ID: 705-56500-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.034		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00016	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0015	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.0012	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	38		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-LF4-FB-05 — Lab Sample ID: 705-56500-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: MCI-LF4-EB-07 — Lab Sample ID: 705-56500-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.098	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: MCI-GWC-9 — Lab Sample ID: 705-56500-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.028	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	3.0		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.019		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.00069	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	17		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWC-10 — Lab Sample ID: 705-56500-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.0		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.026	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.021		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	95		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: MCI-GWC-21 — Lab Sample ID: 705-56500-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.097	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	1.2		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.024		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00017	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.00081	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.00070	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Nickel	0.00074	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable

Client Sample ID: MCI-GWC-23 — Lab Sample ID: 705-56500-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MCI-GWC-23 (Continued) — Lab Sample ID: 705-56500-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.019		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00070	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.0010	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable

Client Sample ID: MCI-LF4-FB-06 — Lab Sample ID: 705-56500-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.092	J	0.20	0.081	mg/L	1		300.0	Total/NA
Barium	0.0011	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable

Client Sample ID: MCI-LF4-EB-08 — Lab Sample ID: 705-56500-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.098	J	0.20	0.081	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWA-3

Lab Sample ID: 705-56500-1

Date Collected: 02/02/26 15:35
Date Received: 02/04/26 13:39

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.9		1.0	0.98	mg/L			02/12/26 20:04	1
Fluoride	0.098	J	0.20	0.081	mg/L			02/12/26 20:04	1
Sulfate	<0.77		1.0	0.77	mg/L			02/12/26 20:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:41	1
Calcium	0.54		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0058		0.0050	0.0025	mg/L		02/08/26 14:13	02/11/26 04:48	1
Arsenic	0.0048	J	0.0050	0.0013	mg/L		02/08/26 14:13	02/11/26 04:48	1
Barium	0.017		0.010	0.00041	mg/L		02/08/26 14:13	02/11/26 04:48	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/08/26 14:13	03/05/26 15:23	1
Cadmium	0.0016		0.00070	0.00024	mg/L		02/08/26 14:13	02/11/26 04:48	1
Chromium	0.0086		0.0050	0.0037	mg/L		02/08/26 14:13	02/11/26 04:48	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/08/26 14:13	03/05/26 15:23	1
Copper	0.0010	J	0.0020	0.00064	mg/L		02/08/26 14:13	03/05/26 15:23	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/08/26 14:13	03/05/26 15:23	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/08/26 14:13	03/05/26 15:23	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/08/26 14:13	02/11/26 04:48	1
Silver	0.00054	J	0.0010	0.00017	mg/L		02/08/26 14:13	02/11/26 04:48	1
Thallium	0.00035	J	0.0010	0.00019	mg/L		02/08/26 14:13	03/05/26 15:23	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/08/26 14:13	03/05/26 15:23	1
Zinc	0.014		0.010	0.0089	mg/L		02/08/26 14:13	02/11/26 04:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	28		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-GWA-4A

Lab Sample ID: 705-56500-2

Date Collected: 02/02/26 14:25
Date Received: 02/04/26 13:39

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.9		1.0	0.98	mg/L			02/12/26 20:50	1
Fluoride	0.097	J	0.20	0.081	mg/L			02/12/26 20:50	1
Sulfate	1.2		1.0	0.77	mg/L			02/12/26 20:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:44	1
Calcium	0.48		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:44	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:00	1

Client Sample ID: MCI-GWA-4A

Lab Sample ID: 705-56500-2

Date Collected: 02/02/26 14:25
Matrix: Water
Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.017**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:00	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:00	1
Cobalt	**0.0013**	**J**	0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:00	1
Copper	**0.00066**	**J**	0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:00	1
Nickel	**0.00058**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/11/26 19:11	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:00	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:00	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**21**		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-LF4-GWA-5

Lab Sample ID: 705-56500-3

Date Collected: 02/02/26 13:38
Matrix: Water
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.1**		1.0	0.98	mg/L			02/07/26 14:33	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			02/07/26 14:33	1
Sulfate	**1.0**		1.0	0.77	mg/L			02/07/26 14:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:47	1
Calcium	**1.4**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:47	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:11	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:11	1
Barium	**0.033**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:11	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:11	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:11	1
Cobalt	**0.00081**	**J**	0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:11	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:11	1
Nickel	**0.00057**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/10/26 17:31	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:11	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:11	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:11	1

Client Sample ID: MCI-LF4-GWA-5

Lab Sample ID: 705-56500-3
Matrix: Water
Date Collected: 02/02/26 13:38
Date Received: 02/04/26 13:39

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	27		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-GWA-13

Lab Sample ID: 705-56500-4
Matrix: Water
Date Collected: 02/02/26 14:30
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.98	mg/L			02/12/26 21:02	1
Fluoride	0.11	J	0.20	0.081	mg/L			02/12/26 21:02	1
Sulfate	<0.77		1.0	0.77	mg/L			02/12/26 21:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:50	1
Calcium	0.31		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:50	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 09:49	02/07/26 23:56	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 09:49	02/07/26 23:56	1
Barium	0.021		0.010	0.00041	mg/L		02/06/26 09:49	02/07/26 23:56	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 09:49	02/07/26 23:56	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 09:49	02/07/26 23:56	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 09:49	02/07/26 23:56	1
Cobalt	0.00054	J	0.0050	0.00041	mg/L		02/06/26 09:49	02/07/26 23:56	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 09:49	02/07/26 23:56	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 09:49	02/07/26 23:56	1
Nickel	0.00045	J	0.0050	0.00042	mg/L		02/06/26 09:49	02/07/26 23:56	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 09:49	02/07/26 23:56	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 09:49	02/07/26 23:56	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 09:49	02/07/26 23:56	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 09:49	02/07/26 23:56	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 09:49	02/07/26 23:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	36		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-GWA-14

Lab Sample ID: 705-56500-5
Matrix: Water
Date Collected: 02/02/26 15:40
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.98	mg/L			02/12/26 21:13	1
Fluoride	0.099	J	0.20	0.081	mg/L			02/12/26 21:13	1
Sulfate	0.78	J	1.0	0.77	mg/L			02/12/26 21:13	1

Client Sample ID: MCI-GWA-14

Lab Sample ID: 705-56500-5

Date Collected: 02/02/26 15:40

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:53	1
Calcium	**0.47**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:53	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:13	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:13	1
Barium	**0.015**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:13	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:13	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:13	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:13	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:13	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:13	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:13	1
Nickel	**0.00065**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:13	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/10/26 17:33	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:13	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:13	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:13	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**21**		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-LF4-GWC-1

Lab Sample ID: 705-56500-6

Date Collected: 02/03/26 15:32

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.7**		1.0	0.98	mg/L			02/12/26 21:25	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			02/12/26 21:25	1
Sulfate	**0.99**	**J**	1.0	0.77	mg/L			02/12/26 21:25	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:56	1
Calcium	**1.1**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:56	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:16	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:16	1
Barium	**0.032**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:16	1
Beryllium	**0.00018**	**J**	0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:16	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:16	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:16	1
Cobalt	**0.0015**	**J**	0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:16	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:16	1

Client Sample ID: MCI-LF4-GWC-1

Lab Sample ID: 705-56500-6

Date Collected: 02/03/26 15:32

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:16	1
Nickel	**0.0013**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:16	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/10/26 17:36	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:16	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:16	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:16	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**50**		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-LF4-GWA-2

Lab Sample ID: 705-56500-7

Date Collected: 02/03/26 09:27

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.2**		1.0	0.98	mg/L			02/12/26 21:36	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			02/12/26 21:36	1
Sulfate	**0.77**	**J**	1.0	0.77	mg/L			02/12/26 21:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:59	1
Calcium	**0.30**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:59	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:19	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:19	1
Barium	**0.035**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:19	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:19	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:19	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:19	1
Cobalt	**0.0014**	**J**	0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:19	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:19	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:19	1
Nickel	**0.0013**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:19	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/10/26 17:39	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:19	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:19	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:19	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**62**		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-GWC-11

Lab Sample ID: 705-56500-8

Date Collected: 02/03/26 13:54

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.1**		1.0	0.98	mg/L			02/12/26 21:48	1
Fluoride	**0.31**		0.20	0.081	mg/L			02/12/26 21:48	1
Sulfate	**2.4**		1.0	0.77	mg/L			02/12/26 21:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:02	1
Calcium	**11**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:02	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 09:49	02/08/26 00:15	1
Arsenic	**0.0013**	**J**	0.0050	0.0013	mg/L		02/06/26 09:49	02/08/26 00:15	1
Barium	**0.011**		0.010	0.00041	mg/L		02/06/26 09:49	02/12/26 16:26	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 09:49	02/08/26 00:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 09:49	02/08/26 00:15	1
Chromium	**0.0055**		0.0050	0.0037	mg/L		02/06/26 09:49	02/08/26 00:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 09:49	02/08/26 00:15	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 09:49	02/08/26 00:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 09:49	02/08/26 00:15	1
Nickel	**0.00063**	**J**	0.0050	0.00042	mg/L		02/06/26 09:49	02/08/26 00:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 09:49	02/08/26 00:15	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 09:49	02/08/26 00:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 09:49	02/08/26 00:15	1
Vanadium	**0.0019**	**J B**	0.0050	0.0012	mg/L		02/06/26 09:49	02/08/26 00:15	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 09:49	02/08/26 00:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**92**		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-GWC-12

Lab Sample ID: 705-56500-9

Date Collected: 02/03/26 14:40

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.8**		1.0	0.98	mg/L			02/12/26 19:29	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			02/12/26 19:29	1
Sulfate	<0.77		1.0	0.77	mg/L			02/12/26 19:29	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:04	1
Calcium	**0.65**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 09:49	02/08/26 00:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 09:49	02/08/26 00:18	1

Client Sample ID: MCI-GWC-12

Lab Sample ID: 705-56500-9

Date Collected: 02/03/26 14:40
Matrix: Water
Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.010**		0.010	0.00041	mg/L		02/06/26 09:49	02/08/26 00:18	1
Beryllium	**0.00018**	**J**	0.0010	0.00015	mg/L		02/06/26 09:49	02/08/26 00:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 09:49	02/08/26 00:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 09:49	02/08/26 00:18	1
Cobalt	**0.00057**	**J**	0.0050	0.00041	mg/L		02/06/26 09:49	02/08/26 00:18	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 09:49	02/08/26 00:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 09:49	02/08/26 00:18	1
Nickel	**0.0013**	**J**	0.0050	0.00042	mg/L		02/06/26 09:49	02/08/26 00:18	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 09:49	02/08/26 00:18	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 09:49	02/08/26 00:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 09:49	02/08/26 00:18	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 09:49	02/08/26 00:18	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 09:49	02/08/26 00:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**22**		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-GWA-15

Lab Sample ID: 705-56500-10

Date Collected: 02/03/26 09:45
Matrix: Water
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.6**		1.0	0.98	mg/L			02/07/26 14:45	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			02/07/26 14:45	1
Sulfate	**1.7**		1.0	0.77	mg/L			02/07/26 14:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:07	1
Calcium	**0.38**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:07	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:37	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:37	1
Barium	**0.024**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:37	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:37	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:37	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:37	1
Cobalt	**0.00047**	**J**	0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:37	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:37	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:37	1
Nickel	**0.00046**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:37	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/07/26 21:37	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:37	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:37	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:37	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:37	1

Client Sample ID: MCI-GWA-15

Lab Sample ID: 705-56500-10

Date Collected: 02/03/26 09:45

Matrix: Water

Date Received: 02/04/26 13:39

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	27		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-GWA-16

Lab Sample ID: 705-56500-11

Date Collected: 02/03/26 10:45

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.98	mg/L			02/07/26 14:56	1
Fluoride	0.18	J	0.20	0.081	mg/L			02/07/26 14:56	1
Sulfate	1.3		1.0	0.77	mg/L			02/07/26 14:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:16	1
Calcium	0.39		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:40	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:40	1
Barium	0.027		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:40	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:40	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:40	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:40	1
Cobalt	0.00045	J	0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:40	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:40	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:40	1
Nickel	0.00061	J B	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:40	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/07/26 21:40	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:40	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:40	1
Vanadium	0.0014	J	0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:40	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	34		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-GWC-17

Lab Sample ID: 705-56500-12

Date Collected: 02/03/26 11:50

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.9		1.0	0.98	mg/L			02/07/26 15:08	1
Fluoride	0.33		0.20	0.081	mg/L			02/07/26 15:08	1
Sulfate	1.0		1.0	0.77	mg/L			02/07/26 15:08	1

Client Sample ID: MCI-GWC-17

Lab Sample ID: 705-56500-12

Date Collected: 02/03/26 11:50
Matrix: Water
Date Received: 02/04/26 13:39

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:19	1
Calcium	**2.2**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:43	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:43	1
Barium	**0.018**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:43	1
Beryllium	**0.00070**	**J**	0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:43	1
Cadmium	**0.00042**	**J**	0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:43	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:43	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:43	1
Nickel	**0.0020**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:43	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/07/26 21:43	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:43	1
Vanadium	**0.0012**	**J**	0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:43	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**35**		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-GWC-18

Lab Sample ID: 705-56500-13

Date Collected: 02/03/26 11:56
Matrix: Water
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.9**		1.0	0.98	mg/L			02/12/26 21:59	1
Fluoride	**0.58**		0.20	0.081	mg/L			02/12/26 21:59	1
Sulfate	**2.2**		1.0	0.77	mg/L			02/12/26 21:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:22	1
Calcium	**12**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:46	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:46	1
Barium	**0.013**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:46	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:46	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:46	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:46	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:46	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:46	1

Client Sample ID: MCI-GWC-18

Lab Sample ID: 705-56500-13

Date Collected: 02/03/26 11:56

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:46	1
Nickel	**0.00071**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:46	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/07/26 21:46	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:46	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:46	1
Vanadium	**0.0037**	**J**	0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:46	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**58**		10	10	mg/L			02/06/26 12:25	1

Client Sample ID: MCI-GWC-19

Lab Sample ID: 705-56500-14

Date Collected: 02/03/26 14:25

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.0**		1.0	0.98	mg/L			02/12/26 22:11	1
Fluoride	**0.17**	**J**	0.20	0.081	mg/L			02/12/26 22:11	1
Sulfate	**2.4**		1.0	0.77	mg/L			02/12/26 22:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:25	1
Calcium	**5.8**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:25	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:48	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:48	1
Barium	**0.0089**	**J**	0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:48	1
Beryllium	**0.00022**	**J**	0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:48	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:48	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:48	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:48	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:48	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:48	1
Nickel	**0.0011**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:48	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/07/26 21:48	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:48	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:48	1
Vanadium	**0.0017**	**J**	0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:48	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**56**		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-GWC-20

Lab Sample ID: 705-56500-15

Date Collected: 02/03/26 16:00

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.7**		1.0	0.98	mg/L			02/12/26 22:22	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			02/12/26 22:22	1
Sulfate	**0.94**	**J**	1.0	0.77	mg/L			02/12/26 22:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.042**	**J**	0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:49	1
Calcium	**1.4**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:49	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 21:51	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 21:51	1
Barium	**0.016**		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 21:51	1
Beryllium	**0.00022**	**J**	0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 21:51	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 21:51	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 21:51	1
Cobalt	**0.00081**	**J**	0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 21:51	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 21:51	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 21:51	1
Nickel	**0.0010**	**J B**	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 21:51	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 08:44	02/07/26 21:51	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 21:51	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 21:51	1
Vanadium	**0.0014**	**J**	0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 21:51	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 21:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**51**		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-LF4-FD-03

Lab Sample ID: 705-56500-16

Date Collected: 02/03/26 00:00

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.2**		1.0	0.98	mg/L			02/13/26 04:32	1
Fluoride	**0.20**		0.20	0.081	mg/L			02/13/26 04:32	1
Sulfate	<0.77		1.0	0.77	mg/L			02/13/26 04:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:52	1
Calcium	**2.1**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:52	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 09:49	02/08/26 00:20	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 09:49	02/08/26 00:20	1

Client Sample ID: MCI-LF4-FD-03

Lab Sample ID: 705-56500-16
Matrix: Water
Date Collected: 02/03/26 00:00
Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.019**		0.010	0.00041	mg/L		02/06/26 09:49	02/08/26 00:20	1
Beryllium	**0.00068**	**J**	0.0010	0.00015	mg/L		02/06/26 09:49	02/08/26 00:20	1
Cadmium	**0.00046**	**J**	0.00070	0.00024	mg/L		02/06/26 09:49	02/08/26 00:20	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 09:49	02/08/26 00:20	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 09:49	02/08/26 00:20	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 09:49	02/08/26 00:20	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 09:49	02/08/26 00:20	1
Nickel	**0.0019**	**J**	0.0050	0.00042	mg/L		02/06/26 09:49	02/08/26 00:20	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 09:49	02/08/26 00:20	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 09:49	02/08/26 00:20	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 09:49	02/08/26 00:20	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 09:49	02/08/26 00:20	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 09:49	02/08/26 00:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**33**		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-LF4-FD-04

Lab Sample ID: 705-56500-17
Matrix: Water
Date Collected: 02/03/26 00:00
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.7**		1.0	0.98	mg/L			02/13/26 04:43	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			02/13/26 04:43	1
Sulfate	**1.0**		1.0	0.77	mg/L			02/13/26 04:43	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:55	1
Calcium	**1.1**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:55	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 09:49	02/08/26 00:23	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 09:49	02/08/26 00:23	1
Barium	**0.034**		0.010	0.00041	mg/L		02/06/26 09:49	02/08/26 00:23	1
Beryllium	**0.00016**	**J**	0.0010	0.00015	mg/L		02/06/26 09:49	02/08/26 00:23	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 09:49	02/08/26 00:23	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 09:49	02/08/26 00:23	1
Cobalt	**0.0015**	**J**	0.0050	0.00041	mg/L		02/06/26 09:49	02/08/26 00:23	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 09:49	02/08/26 00:23	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 09:49	02/08/26 00:23	1
Nickel	**0.0012**	**J**	0.0050	0.00042	mg/L		02/06/26 09:49	02/08/26 00:23	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 09:49	02/08/26 00:23	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 09:49	02/08/26 00:23	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 09:49	02/08/26 00:23	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 09:49	02/08/26 00:23	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 09:49	02/08/26 00:23	1

Client Sample ID: MCI-LF4-FD-04

Lab Sample ID: 705-56500-17
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/04/26 13:39

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**38**		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-LF4-FB-05

Lab Sample ID: 705-56500-18
Date Collected: 02/03/26 16:15
Matrix: Water
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/13/26 04:55	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			02/13/26 04:55	1
Sulfate	<0.77		1.0	0.77	mg/L			02/13/26 04:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 13:58	1
Calcium	<0.038		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 13:58	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 09:49	02/08/26 00:26	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 09:49	02/08/26 00:26	1
Barium	<0.00041		0.010	0.00041	mg/L		02/06/26 09:49	02/08/26 00:26	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 09:49	02/08/26 00:26	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 09:49	02/08/26 00:26	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 09:49	02/08/26 00:26	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 09:49	02/08/26 00:26	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 09:49	02/08/26 00:26	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 09:49	02/08/26 00:26	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/06/26 09:49	02/08/26 00:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 09:49	02/08/26 00:26	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 09:49	02/08/26 00:26	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 09:49	02/08/26 00:26	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 09:49	02/08/26 00:26	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 09:49	02/08/26 00:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-LF4-EB-07

Lab Sample ID: 705-56500-19
Date Collected: 02/03/26 12:55
Matrix: Water
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/13/26 05:06	1
Fluoride	**0.098**	**J**	0.20	0.081	mg/L			02/13/26 05:06	1
Sulfate	<0.77		1.0	0.77	mg/L			02/13/26 05:06	1

Client Sample ID: MCI-LF4-EB-07

Lab Sample ID: 705-56500-19

Date Collected: 02/03/26 12:55

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 14:01	1
Calcium	<0.038		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 14:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		03/05/26 16:40	03/06/26 16:10	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		03/05/26 16:40	03/06/26 16:10	1
Barium	<0.00041		0.010	0.00041	mg/L		03/05/26 16:40	03/06/26 16:10	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		03/05/26 16:40	03/06/26 16:10	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		03/05/26 16:40	03/06/26 16:10	1
Chromium	<0.0037		0.0050	0.0037	mg/L		03/05/26 16:40	03/06/26 16:10	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		03/05/26 16:40	03/06/26 16:10	1
Copper	<0.00064		0.0020	0.00064	mg/L		03/05/26 16:40	03/06/26 16:10	1
Lead	<0.00086		0.0010	0.00086	mg/L		03/05/26 16:40	03/06/26 16:10	1
Nickel	<0.00042		0.0050	0.00042	mg/L		03/05/26 16:40	03/06/26 16:10	1
Selenium	<0.0023		0.0050	0.0023	mg/L		03/05/26 16:40	03/06/26 16:10	1
Silver	<0.00017		0.0010	0.00017	mg/L		03/05/26 16:40	03/06/26 16:10	1
Thallium	<0.00019		0.0010	0.00019	mg/L		03/05/26 16:40	03/06/26 16:10	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		03/05/26 16:40	03/06/26 16:10	1
Zinc	<0.0089		0.010	0.0089	mg/L		03/05/26 16:40	03/06/26 16:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/09/26 15:00	1

Client Sample ID: MCI-GWC-9

Lab Sample ID: 705-56500-20

Date Collected: 02/04/26 10:58

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.5**		1.0	0.98	mg/L			02/12/26 22:34	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			02/12/26 22:34	1
Sulfate	**1.1**		1.0	0.77	mg/L			02/12/26 22:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.028**	**J**	0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:21	1
Calcium	**3.0**		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/08/26 14:13	02/11/26 05:02	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/08/26 14:13	02/11/26 05:02	1
Barium	**0.019**		0.010	0.00041	mg/L		02/08/26 14:13	02/11/26 05:02	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/08/26 14:13	02/11/26 05:02	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/08/26 14:13	02/11/26 05:02	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/08/26 14:13	02/11/26 05:02	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/08/26 14:13	02/11/26 05:02	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/08/26 14:13	02/11/26 05:02	1

Client Sample ID: MCI-GWC-9

Lab Sample ID: 705-56500-20

Date Collected: 02/04/26 10:58
Matrix: Water
Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00086		0.0010	0.00086	mg/L		02/08/26 14:13	02/11/26 05:02	1
Nickel	**0.00069**	**J**	0.0050	0.00042	mg/L		02/08/26 14:13	02/11/26 05:02	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/08/26 14:13	02/11/26 05:02	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/08/26 14:13	02/11/26 05:02	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/08/26 14:13	02/11/26 05:02	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/08/26 14:13	02/11/26 05:02	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/08/26 14:13	02/11/26 05:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**17**		10	10	mg/L			02/10/26 12:59	1

Client Sample ID: MCI-GWC-10

Lab Sample ID: 705-56500-21

Date Collected: 02/04/26 09:45
Matrix: Water
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.8**		1.0	0.98	mg/L			02/13/26 05:18	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			02/13/26 05:18	1
Sulfate	**3.0**		1.0	0.77	mg/L			02/13/26 05:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.026**	**J**	0.080	0.026	mg/L		02/09/26 13:55	02/11/26 15:27	1
Calcium	**21**		0.10	0.038	mg/L		02/09/26 13:55	02/11/26 15:27	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/08/26 14:13	02/11/26 05:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/08/26 14:13	02/11/26 05:05	1
Barium	**0.021**		0.010	0.00041	mg/L		02/08/26 14:13	02/11/26 05:05	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/08/26 14:13	02/11/26 05:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/08/26 14:13	02/11/26 05:05	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/08/26 14:13	02/11/26 05:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/08/26 14:13	02/11/26 05:05	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/08/26 14:13	02/11/26 05:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/08/26 14:13	02/11/26 05:05	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/08/26 14:13	02/11/26 05:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/08/26 14:13	02/11/26 05:05	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/08/26 14:13	02/11/26 05:05	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/08/26 14:13	02/11/26 05:05	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/08/26 14:13	02/11/26 05:05	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/08/26 14:13	02/11/26 05:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**95**		10	10	mg/L			02/10/26 12:59	1

Client Sample ID: MCI-GWC-21

Lab Sample ID: 705-56500-22

Date Collected: 02/04/26 10:05

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.0**		1.0	0.98	mg/L			02/13/26 05:29	1
Fluoride	**0.097**	**J**	0.20	0.081	mg/L			02/13/26 05:29	1
Sulfate	<0.77		1.0	0.77	mg/L			02/13/26 05:29	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 13:55	02/11/26 15:33	1
Calcium	**1.2**		0.10	0.038	mg/L		02/09/26 13:55	02/11/26 15:33	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/08/26 14:13	02/11/26 05:28	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/08/26 14:13	02/11/26 05:28	1
Barium	**0.024**		0.010	0.00041	mg/L		02/08/26 14:13	02/11/26 05:28	1
Beryllium	**0.00017**	**J**	0.0010	0.00015	mg/L		02/08/26 14:13	02/11/26 05:28	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/08/26 14:13	02/11/26 05:28	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/08/26 14:13	02/11/26 05:28	1
Cobalt	**0.00081**	**J**	0.0050	0.00041	mg/L		02/08/26 14:13	02/11/26 05:28	1
Copper	**0.00070**	**J**	0.0020	0.00064	mg/L		02/08/26 14:13	02/11/26 05:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/08/26 14:13	02/11/26 05:28	1
Nickel	**0.00074**	**J**	0.0050	0.00042	mg/L		02/08/26 14:13	02/11/26 05:28	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/08/26 14:13	02/11/26 05:28	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/08/26 14:13	02/11/26 05:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/08/26 14:13	02/11/26 05:28	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/08/26 14:13	02/11/26 05:28	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/08/26 14:13	02/11/26 05:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/10/26 12:59	1

Client Sample ID: MCI-GWC-23

Lab Sample ID: 705-56500-23

Date Collected: 02/04/26 11:45

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.3**		1.0	0.98	mg/L			02/13/26 05:41	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			02/13/26 05:41	1
Sulfate	**2.0**		1.0	0.77	mg/L			02/13/26 05:41	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 13:55	02/11/26 15:30	1
Calcium	**1.1**		0.10	0.038	mg/L		02/09/26 13:55	02/11/26 15:30	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/08/26 14:13	02/11/26 05:31	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/08/26 14:13	02/11/26 05:31	1

Client Sample ID: MCI-GWC-23

Lab Sample ID: 705-56500-23

Date Collected: 02/04/26 11:45
Matrix: Water
Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.019**		0.010	0.00041	mg/L		02/08/26 14:13	02/11/26 05:31	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/08/26 14:13	02/11/26 05:31	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/08/26 14:13	02/11/26 05:31	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/08/26 14:13	02/11/26 05:31	1
Cobalt	**0.00070**	**J**	0.0050	0.00041	mg/L		02/08/26 14:13	02/11/26 05:31	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/08/26 14:13	02/11/26 05:31	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/08/26 14:13	02/11/26 05:31	1
Nickel	**0.0010**	**J**	0.0050	0.00042	mg/L		02/08/26 14:13	02/11/26 05:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/08/26 14:13	02/11/26 05:31	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/08/26 14:13	02/11/26 05:31	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/08/26 14:13	02/11/26 05:31	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/08/26 14:13	02/11/26 05:31	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/08/26 14:13	02/11/26 05:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/10/26 12:59	1

Client Sample ID: MCI-LF4-FB-06

Lab Sample ID: 705-56500-24

Date Collected: 02/04/26 10:20
Matrix: Water
Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/13/26 06:27	1
Fluoride	**0.092**	**J**	0.20	0.081	mg/L			02/13/26 06:27	1
Sulfate	<0.77		1.0	0.77	mg/L			02/13/26 06:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 13:55	02/11/26 15:36	1
Calcium	<0.038		0.10	0.038	mg/L		02/09/26 13:55	02/11/26 15:36	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/08/26 14:13	02/11/26 05:34	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/08/26 14:13	02/11/26 05:34	1
Barium	**0.0011**	**J**	0.010	0.00041	mg/L		02/08/26 14:13	02/11/26 05:34	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/08/26 14:13	02/11/26 05:34	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/08/26 14:13	02/11/26 05:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/08/26 14:13	02/11/26 05:34	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/08/26 14:13	02/11/26 05:34	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/08/26 14:13	02/11/26 05:34	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/08/26 14:13	02/11/26 05:34	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/08/26 14:13	02/11/26 05:34	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/08/26 14:13	02/11/26 05:34	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/08/26 14:13	02/11/26 05:34	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/08/26 14:13	02/11/26 05:34	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/08/26 14:13	02/11/26 05:34	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/08/26 14:13	02/11/26 05:34	1

Client Sample ID: MCI-LF4-FB-06

Lab Sample ID: 705-56500-24

Date Collected: 02/04/26 10:20

Matrix: Water

Date Received: 02/04/26 13:39

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/10/26 12:59	1

Client Sample ID: MCI-LF4-EB-08

Lab Sample ID: 705-56500-25

Date Collected: 02/04/26 12:00

Matrix: Water

Date Received: 02/04/26 13:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/13/26 06:39	1
Fluoride	**0.098**	**J**	0.20	0.081	mg/L			02/13/26 06:39	1
Sulfate	<0.77		1.0	0.77	mg/L			02/13/26 06:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 13:55	02/11/26 15:39	1
Calcium	<0.038		0.10	0.038	mg/L		02/09/26 13:55	02/11/26 15:39	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/08/26 14:13	02/11/26 05:36	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/08/26 14:13	02/11/26 05:36	1
Barium	<0.00041		0.010	0.00041	mg/L		02/08/26 14:13	02/11/26 05:36	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/08/26 14:13	02/11/26 05:36	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/08/26 14:13	02/11/26 05:36	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/08/26 14:13	02/11/26 05:36	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/08/26 14:13	02/11/26 05:36	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/08/26 14:13	02/11/26 05:36	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/08/26 14:13	02/11/26 05:36	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/08/26 14:13	02/11/26 05:36	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/08/26 14:13	02/11/26 05:36	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/08/26 14:13	02/11/26 05:36	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/08/26 14:13	02/11/26 05:36	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/08/26 14:13	02/11/26 05:36	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/08/26 14:13	02/11/26 05:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/10/26 12:59	1

Method Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWA-3

Lab Sample ID: 705-56500-1
Date Collected: 02/02/26 15:35
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 20:04
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 12:41
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 04:48
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	118503	IF	EET ATL	03/05/26 15:23
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-GWA-4A

Lab Sample ID: 705-56500-2
Date Collected: 02/02/26 14:25
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 20:50
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 12:44
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:00
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	113651	TT	EET ATL	02/11/26 19:11
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-LF4-GWA-5

Lab Sample ID: 705-56500-3
Date Collected: 02/02/26 13:38
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	112680	JO	EET ATL	02/07/26 14:33
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 12:47
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:11
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	113305	TT	EET ATL	02/10/26 17:31
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-GWA-13

Lab Sample ID: 705-56500-4
Date Collected: 02/02/26 14:30
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 21:02
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 12:50

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWA-13

Lab Sample ID: 705-56500-4

Date Collected: 02/02/26 14:30

Matrix: Water

Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/07/26 23:56
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-GWA-14

Lab Sample ID: 705-56500-5

Date Collected: 02/02/26 15:40

Matrix: Water

Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 21:13
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 12:53
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:13
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	113305	TT	EET ATL	02/10/26 17:33
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-LF4-GWC-1

Lab Sample ID: 705-56500-6

Date Collected: 02/03/26 15:32

Matrix: Water

Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 21:25
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 12:56
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:16
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	113305	TT	EET ATL	02/10/26 17:36
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Client Sample ID: MCI-LF4-GWA-2

Lab Sample ID: 705-56500-7

Date Collected: 02/03/26 09:27

Matrix: Water

Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 21:36
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 12:59
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:19
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	113305	TT	EET ATL	02/10/26 17:39
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWC-11

Lab Sample ID: 705-56500-8

Date Collected: 02/03/26 13:54
Date Received: 02/04/26 13:39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 21:48
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:02
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/08/26 00:15
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	113931	TT	EET ATL	02/12/26 16:26
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Client Sample ID: MCI-GWC-12

Lab Sample ID: 705-56500-9

Date Collected: 02/03/26 14:40
Date Received: 02/04/26 13:39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 19:29
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:04
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/08/26 00:18
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-GWA-15

Lab Sample ID: 705-56500-10

Date Collected: 02/03/26 09:45
Date Received: 02/04/26 13:39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	112680	JO	EET ATL	02/07/26 14:45
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:07
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:37
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-GWA-16

Lab Sample ID: 705-56500-11

Date Collected: 02/03/26 10:45
Date Received: 02/04/26 13:39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	112680	JO	EET ATL	02/07/26 14:56
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:16
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:40
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWC-17
Date Collected: 02/03/26 11:50
Date Received: 02/04/26 13:39

Lab Sample ID: 705-56500-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	112680	JO	EET ATL	02/07/26 15:08
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:19
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:43
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-GWC-18
Date Collected: 02/03/26 11:56
Date Received: 02/04/26 13:39

Lab Sample ID: 705-56500-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 21:59
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:22
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:46
Total/NA	Analysis	2540C - 2015		1	112394	AGA	EET ATL	02/06/26 12:25

Client Sample ID: MCI-GWC-19
Date Collected: 02/03/26 14:25
Date Received: 02/04/26 13:39

Lab Sample ID: 705-56500-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 22:11
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:25
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:48
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Client Sample ID: MCI-GWC-20
Date Collected: 02/03/26 16:00
Date Received: 02/04/26 13:39

Lab Sample ID: 705-56500-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 22:22
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:49
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:51
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-LF4-FD-03

Lab Sample ID: 705-56500-16
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 04:32
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:52
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/08/26 00:20
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Client Sample ID: MCI-LF4-FD-04

Lab Sample ID: 705-56500-17
Date Collected: 02/03/26 00:00
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 04:43
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:55
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/08/26 00:23
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Client Sample ID: MCI-LF4-FB-05

Lab Sample ID: 705-56500-18
Date Collected: 02/03/26 16:15
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 04:55
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 13:58
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/08/26 00:26
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Client Sample ID: MCI-LF4-EB-07

Lab Sample ID: 705-56500-19
Date Collected: 02/03/26 12:55
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 05:06
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 14:01
Total Recoverable	Prep	3005A			117900	BR	EET ATL	03/05/26 16:40
Total Recoverable	Analysis	6020B		1	118837	TT	EET ATL	03/06/26 16:10
Total/NA	Analysis	2540C - 2015		1	112941	AGA	EET ATL	02/09/26 15:00

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-GWC-9
Date Collected: 02/04/26 10:58
Date Received: 02/04/26 13:39

Lab Sample ID: 705-56500-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/12/26 22:34
Total/NA	Prep	3010A			112738	TR	EET ATL	02/09/26 10:00
Total/NA	Analysis	6010D		1	113567	MT	EET ATL	02/11/26 12:21
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:02
Total/NA	Analysis	2540C - 2015		1	113170	AGA	EET ATL	02/10/26 12:59

Client Sample ID: MCI-GWC-10
Date Collected: 02/04/26 09:45
Date Received: 02/04/26 13:39

Lab Sample ID: 705-56500-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 05:18
Total/NA	Prep	3010A			112909	SA	EET ATL	02/09/26 13:55
Total/NA	Analysis	6010D		1	113616	MT	EET ATL	02/11/26 15:27
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:05
Total/NA	Analysis	2540C - 2015		1	113170	AGA	EET ATL	02/10/26 12:59

Client Sample ID: MCI-GWC-21
Date Collected: 02/04/26 10:05
Date Received: 02/04/26 13:39

Lab Sample ID: 705-56500-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 05:29
Total/NA	Prep	3010A			112909	SA	EET ATL	02/09/26 13:55
Total/NA	Analysis	6010D		1	113616	MT	EET ATL	02/11/26 15:33
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:28
Total/NA	Analysis	2540C - 2015		1	113170	AGA	EET ATL	02/10/26 12:59

Client Sample ID: MCI-GWC-23
Date Collected: 02/04/26 11:45
Date Received: 02/04/26 13:39

Lab Sample ID: 705-56500-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 05:41
Total/NA	Prep	3010A			112909	SA	EET ATL	02/09/26 13:55
Total/NA	Analysis	6010D		1	113616	MT	EET ATL	02/11/26 15:30
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:31
Total/NA	Analysis	2540C - 2015		1	113170	AGA	EET ATL	02/10/26 12:59

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Client Sample ID: MCI-LF4-FB-06

Lab Sample ID: 705-56500-24

Date Collected: 02/04/26 10:20

Matrix: Water

Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 06:27
Total/NA	Prep	3010A			112909	SA	EET ATL	02/09/26 13:55
Total/NA	Analysis	6010D		1	113616	MT	EET ATL	02/11/26 15:36
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:34
Total/NA	Analysis	2540C - 2015		1	113170	AGA	EET ATL	02/10/26 12:59

Client Sample ID: MCI-LF4-EB-08

Lab Sample ID: 705-56500-25

Date Collected: 02/04/26 12:00

Matrix: Water

Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	113840	MS	EET ATL 2	02/13/26 06:39
Total/NA	Prep	3010A			112909	SA	EET ATL	02/09/26 13:55
Total/NA	Analysis	6010D		1	113616	MT	EET ATL	02/11/26 15:39
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:36
Total/NA	Analysis	2540C - 2015		1	113170	AGA	EET ATL	02/10/26 12:59

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-112680/3
Matrix: Water
Analysis Batch: 112680

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/07/26 11:31	1
Fluoride	<0.081		0.20	0.081	mg/L			02/07/26 11:31	1
Sulfate	<0.77		1.0	0.77	mg/L			02/07/26 11:31	1

Lab Sample ID: LCS 705-112680/4
Matrix: Water
Analysis Batch: 112680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	5.00	5.18		mg/L		104	90 - 110
Sulfate	25.0	27.0		mg/L		108	90 - 110

Lab Sample ID: 705-56493-E-6 MS
Matrix: Water
Analysis Batch: 112680

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12	F1	10.0	21.8		mg/L		97	90 - 110
Fluoride	0.17	J	5.00	5.50		mg/L		107	90 - 110
Sulfate	120	E	25.0	128	E 4	mg/L		33	90 - 110

Lab Sample ID: 705-56493-E-6 MSD
Matrix: Water
Analysis Batch: 112680

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12	F1	10.0	20.8	F1	mg/L		87	90 - 110	5	20
Fluoride	0.17	J	5.00	5.06		mg/L		98	90 - 110	8	20
Sulfate	120	E	25.0	124	E 4	mg/L		17	90 - 110	3	20

Lab Sample ID: MB 705-113840/47
Matrix: Water
Analysis Batch: 113840

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/12/26 19:06	1
Fluoride	<0.081		0.20	0.081	mg/L			02/12/26 19:06	1
Sulfate	<0.77		1.0	0.77	mg/L			02/12/26 19:06	1

Lab Sample ID: MB 705-113840/77
Matrix: Water
Analysis Batch: 113840

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/13/26 01:27	1
Fluoride	<0.081		0.20	0.081	mg/L			02/13/26 01:27	1
Sulfate	<0.77		1.0	0.77	mg/L			02/13/26 01:27	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-113840/48
Matrix: Water
Analysis Batch: 113840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.2		mg/L		102	90 - 110
Fluoride	5.00	5.35		mg/L		107	90 - 110
Sulfate	25.0	25.3		mg/L		101	90 - 110

Lab Sample ID: LCS 705-113840/78
Matrix: Water
Analysis Batch: 113840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.3		mg/L		103	90 - 110
Fluoride	5.00	5.39		mg/L		108	90 - 110
Sulfate	25.0	25.5		mg/L		102	90 - 110

Lab Sample ID: 705-56500-9 MS
Matrix: Water
Analysis Batch: 113840

Client Sample ID: MCI-GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.8		10.0	13.8		mg/L		100	90 - 110
Fluoride	0.11	J	5.00	5.48		mg/L		107	90 - 110
Sulfate	<0.77		25.0	26.3		mg/L		105	90 - 110

Lab Sample ID: 705-56500-9 MSD
Matrix: Water
Analysis Batch: 113840

Client Sample ID: MCI-GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.8		10.0	13.8		mg/L		100	90 - 110	0	20
Fluoride	0.11	J	5.00	5.52		mg/L		108	90 - 110	1	20
Sulfate	<0.77		25.0	26.3		mg/L		105	90 - 110	0	20

Lab Sample ID: 705-57119-B-2 MS
Matrix: Water
Analysis Batch: 113840

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	240	F1	100	320	F1	mg/L		79	90 - 110
Fluoride	6.5		50.0	58.2		mg/L		103	90 - 110
Sulfate	18		250	274		mg/L		102	90 - 110

Lab Sample ID: 705-57119-B-2 MSD
Matrix: Water
Analysis Batch: 113840

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	240	F1	100	321	F1	mg/L		80	90 - 110	0	20
Fluoride	6.5		50.0	57.8		mg/L		103	90 - 110	1	20
Sulfate	18		250	275		mg/L		103	90 - 110	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-112738/1-A
Matrix: Water
Analysis Batch: 113567

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 10:00	02/11/26 12:15	1
Calcium	<0.038		0.10	0.038	mg/L		02/09/26 10:00	02/11/26 12:15	1

Lab Sample ID: LCS 705-112738/2-A
Matrix: Water
Analysis Batch: 113567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.994		mg/L		99	80 - 120
Calcium	10.0	9.84		mg/L		98	80 - 120

Lab Sample ID: 705-56500-20 MS
Matrix: Water
Analysis Batch: 113567

Client Sample ID: MCI-GWC-9
Prep Type: Total/NA
Prep Batch: 112738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.028	J	1.00	1.06		mg/L		103	75 - 125
Calcium	3.0		10.0	13.4		mg/L		104	75 - 125

Lab Sample ID: 705-56500-20 MSD
Matrix: Water
Analysis Batch: 113567

Client Sample ID: MCI-GWC-9
Prep Type: Total/NA
Prep Batch: 112738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.028	J	1.00	1.06		mg/L		103	75 - 125	0	20
Calcium	3.0		10.0	13.5		mg/L		105	75 - 125	1	20

Lab Sample ID: MB 705-112909/1-A
Matrix: Water
Analysis Batch: 113616

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 112909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/09/26 13:55	02/11/26 15:00	1
Calcium	<0.038		0.10	0.038	mg/L		02/09/26 13:55	02/11/26 15:00	1

Lab Sample ID: LCS 705-112909/2-A
Matrix: Water
Analysis Batch: 113616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 112909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.04		mg/L		104	80 - 120
Calcium	10.0	10.6		mg/L		106	80 - 120

Lab Sample ID: 705-56935-G-1-B MS
Matrix: Water
Analysis Batch: 113616

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 112909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.09		mg/L		109	75 - 125
Calcium	12		10.0	23.3		mg/L		112	75 - 125

Method: 6010D - Metals (ICP)

Lab Sample ID: 705-56935-G-1-C MSD
Matrix: Water
Analysis Batch: 113616

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 112909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.08		mg/L		108	75 - 125	1	20
Calcium	12		10.0	23.4		mg/L		113	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-112427/1-A
Matrix: Water
Analysis Batch: 112878

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 08:44	02/07/26 20:55	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 08:44	02/07/26 20:55	1
Barium	<0.00041		0.010	0.00041	mg/L		02/06/26 08:44	02/07/26 20:55	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 08:44	02/07/26 20:55	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 08:44	02/07/26 20:55	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 08:44	02/07/26 20:55	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 08:44	02/07/26 20:55	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 08:44	02/07/26 20:55	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 08:44	02/07/26 20:55	1
Nickel	0.000474	J	0.0050	0.00042	mg/L		02/06/26 08:44	02/07/26 20:55	1
Selenium	<0.0023	^-	0.0050	0.0023	mg/L		02/06/26 08:44	02/07/26 20:55	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 08:44	02/07/26 20:55	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 08:44	02/07/26 20:55	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/06/26 08:44	02/07/26 20:55	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 08:44	02/07/26 20:55	1

Lab Sample ID: LCS 705-112427/2-A
Matrix: Water
Analysis Batch: 112878

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 112427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0874		mg/L		87	80 - 120
Arsenic	0.100	0.0996		mg/L		100	80 - 120
Barium	0.100	0.0952		mg/L		95	80 - 120
Beryllium	0.100	0.102		mg/L		102	80 - 120
Cadmium	0.100	0.0961		mg/L		96	80 - 120
Chromium	0.100	0.0948		mg/L		95	80 - 120
Cobalt	0.100	0.0972		mg/L		97	80 - 120
Copper	0.100	0.0985		mg/L		99	80 - 120
Lead	0.100	0.0952		mg/L		95	80 - 120
Nickel	0.100	0.0976		mg/L		98	80 - 120
Selenium	0.100	0.0912	^-	mg/L		91	80 - 120
Silver	0.0100	0.00991		mg/L		99	80 - 120
Thallium	0.100	0.0918		mg/L		92	80 - 120
Vanadium	0.100	0.0946		mg/L		95	80 - 120
Zinc	0.100	0.0926		mg/L		93	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-56500-2 MS
Matrix: Water
Analysis Batch: 112878

Client Sample ID: MCI-GWA-4A
Prep Type: Total Recoverable
Prep Batch: 112427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0866		mg/L		87	75 - 125
Arsenic	<0.0013		0.100	0.0949		mg/L		95	75 - 125
Barium	0.017		0.100	0.110		mg/L		92	75 - 125
Beryllium	<0.00015		0.100	0.102		mg/L		102	75 - 125
Cadmium	<0.00024		0.100	0.0963		mg/L		96	75 - 125
Chromium	<0.0037		0.100	0.0964		mg/L		96	75 - 125
Cobalt	0.0013	J	0.100	0.100		mg/L		99	75 - 125
Copper	0.00066	J	0.100	0.101		mg/L		100	75 - 125
Lead	<0.00086		0.100	0.0948		mg/L		95	75 - 125
Nickel	0.00058	J B	0.100	0.0989		mg/L		98	75 - 125
Selenium	<0.0023	^-	0.100	0.0867	^-	mg/L		87	75 - 125
Silver	<0.00017		0.0100	0.00998		mg/L		100	75 - 125
Thallium	<0.00019		0.100	0.0905		mg/L		91	75 - 125
Vanadium	<0.0012		0.100	0.0968		mg/L		97	75 - 125
Zinc	<0.0089		0.100	0.0995		mg/L		100	75 - 125

Lab Sample ID: 705-56500-2 MSD
Matrix: Water
Analysis Batch: 112878

Client Sample ID: MCI-GWA-4A
Prep Type: Total Recoverable
Prep Batch: 112427

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0862		mg/L		86	75 - 125	0	20
Arsenic	<0.0013		0.100	0.0942		mg/L		94	75 - 125	1	20
Barium	0.017		0.100	0.111		mg/L		94	75 - 125	1	20
Beryllium	<0.00015		0.100	0.107		mg/L		107	75 - 125	5	20
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125	4	20
Chromium	<0.0037		0.100	0.0960		mg/L		96	75 - 125	0	20
Cobalt	0.0013	J	0.100	0.0993		mg/L		98	75 - 125	1	20
Copper	0.00066	J	0.100	0.101		mg/L		100	75 - 125	0	20
Lead	<0.00086		0.100	0.0924		mg/L		92	75 - 125	2	20
Nickel	0.00058	J B	0.100	0.100		mg/L		100	75 - 125	1	20
Selenium	<0.0023	^-	0.100	0.0859	^-	mg/L		86	75 - 125	1	20
Silver	<0.00017		0.0100	0.00965		mg/L		97	75 - 125	3	20
Thallium	<0.00019		0.100	0.0889		mg/L		89	75 - 125	2	20
Vanadium	<0.0012		0.100	0.0956		mg/L		96	75 - 125	1	20
Zinc	<0.0089		0.100	0.0971		mg/L		97	75 - 125	2	20

Lab Sample ID: MB 705-112447/1-A
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/06/26 09:49	02/07/26 22:50	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/06/26 09:49	02/07/26 22:50	1
Barium	<0.00041		0.010	0.00041	mg/L		02/06/26 09:49	02/07/26 22:50	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/06/26 09:49	02/07/26 22:50	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/06/26 09:49	02/07/26 22:50	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/06/26 09:49	02/07/26 22:50	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/06/26 09:49	02/07/26 22:50	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-112447/1-A
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.00064		0.0020	0.00064	mg/L		02/06/26 09:49	02/07/26 22:50	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/06/26 09:49	02/07/26 22:50	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/06/26 09:49	02/07/26 22:50	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/06/26 09:49	02/07/26 22:50	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/06/26 09:49	02/07/26 22:50	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/06/26 09:49	02/07/26 22:50	1
Vanadium	0.00130	J	0.0050	0.0012	mg/L		02/06/26 09:49	02/07/26 22:50	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/06/26 09:49	02/07/26 22:50	1

Lab Sample ID: LCS 705-112447/2-A
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0867		mg/L		87	80 - 120
Arsenic	0.100	0.0998		mg/L		100	80 - 120
Barium	0.100	0.0959		mg/L		96	80 - 120
Beryllium	0.100	0.102		mg/L		102	80 - 120
Cadmium	0.100	0.0972		mg/L		97	80 - 120
Chromium	0.100	0.0985		mg/L		98	80 - 120
Cobalt	0.100	0.101		mg/L		101	80 - 120
Copper	0.100	0.101		mg/L		101	80 - 120
Lead	0.100	0.0956		mg/L		96	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Selenium	0.100	0.0914		mg/L		91	80 - 120
Silver	0.0100	0.0104		mg/L		104	80 - 120
Thallium	0.100	0.0921		mg/L		92	80 - 120
Vanadium	0.100	0.0990		mg/L		99	80 - 120
Zinc	0.100	0.0945		mg/L		94	80 - 120

Lab Sample ID: 705-56493-D-6-B MS
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0862		mg/L		86	75 - 125
Arsenic	<0.0013		0.100	0.0970		mg/L		97	75 - 125
Barium	0.043		0.100	0.138		mg/L		95	75 - 125
Beryllium	<0.00015		0.100	0.0949		mg/L		95	75 - 125
Cadmium	<0.00024		0.100	0.0940		mg/L		94	75 - 125
Chromium	<0.0037		0.100	0.0982		mg/L		98	75 - 125
Cobalt	0.00058	J	0.100	0.0983		mg/L		98	75 - 125
Copper	<0.00064		0.100	0.0991		mg/L		99	75 - 125
Lead	<0.00086		0.100	0.0929		mg/L		93	75 - 125
Nickel	0.0042	J	0.100	0.100		mg/L		96	75 - 125
Selenium	<0.0023		0.100	0.0899		mg/L		90	75 - 125
Silver	<0.00017		0.0100	0.00992		mg/L		99	75 - 125
Thallium	<0.00019		0.100	0.0907		mg/L		91	75 - 125
Vanadium	<0.0012		0.100	0.0995		mg/L		99	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-56493-D-6-B MS
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	<0.0089		0.100	0.0949		mg/L		95	75 - 125

Lab Sample ID: 705-56493-D-6-C MSD
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0863		mg/L		86	75 - 125	0	20
Arsenic	<0.0013		0.100	0.0984		mg/L		98	75 - 125	1	20
Barium	0.043		0.100	0.137		mg/L		93	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0949		mg/L		95	75 - 125	0	20
Cadmium	<0.00024		0.100	0.0945		mg/L		94	75 - 125	0	20
Chromium	<0.0037		0.100	0.0977		mg/L		98	75 - 125	0	20
Cobalt	0.00058	J	0.100	0.0980		mg/L		97	75 - 125	0	20
Copper	<0.00064		0.100	0.0992		mg/L		99	75 - 125	0	20
Lead	<0.00086		0.100	0.0936		mg/L		94	75 - 125	1	20
Nickel	0.0042	J	0.100	0.100		mg/L		96	75 - 125	0	20
Selenium	<0.0023		0.100	0.0855		mg/L		86	75 - 125	5	20
Silver	<0.00017		0.0100	0.0101		mg/L		101	75 - 125	2	20
Thallium	<0.00019		0.100	0.0916		mg/L		92	75 - 125	1	20
Vanadium	<0.0012		0.100	0.101		mg/L		101	75 - 125	2	20
Zinc	<0.0089		0.100	0.0952		mg/L		95	75 - 125	0	20

Lab Sample ID: MB 705-112731/1-A
Matrix: Water
Analysis Batch: 113452

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/08/26 14:13	02/11/26 04:43	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/08/26 14:13	02/11/26 04:43	1
Barium	<0.00041		0.010	0.00041	mg/L		02/08/26 14:13	02/11/26 04:43	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/08/26 14:13	02/11/26 04:43	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/08/26 14:13	02/11/26 04:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/08/26 14:13	02/11/26 04:43	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/08/26 14:13	02/11/26 04:43	1
Copper	<0.00064		0.0020	0.00064	mg/L		02/08/26 14:13	02/11/26 04:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/08/26 14:13	02/11/26 04:43	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/08/26 14:13	02/11/26 04:43	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/08/26 14:13	02/11/26 04:43	1
Silver	<0.00017		0.0010	0.00017	mg/L		02/08/26 14:13	02/11/26 04:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/08/26 14:13	02/11/26 04:43	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		02/08/26 14:13	02/11/26 04:43	1
Zinc	<0.0089		0.010	0.0089	mg/L		02/08/26 14:13	02/11/26 04:43	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-112731/2-A
Matrix: Water
Analysis Batch: 113452

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0909		mg/L		91	80 - 120
Arsenic	0.100	0.0935		mg/L		93	80 - 120
Barium	0.100	0.0896		mg/L		90	80 - 120
Beryllium	0.100	0.0957		mg/L		96	80 - 120
Cadmium	0.100	0.0898		mg/L		90	80 - 120
Chromium	0.100	0.0934		mg/L		93	80 - 120
Cobalt	0.100	0.0951		mg/L		95	80 - 120
Copper	0.100	0.0942		mg/L		94	80 - 120
Lead	0.100	0.0949		mg/L		95	80 - 120
Nickel	0.100	0.0942		mg/L		94	80 - 120
Selenium	0.100	0.0920		mg/L		92	80 - 120
Silver	0.0100	0.00928		mg/L		93	80 - 120
Thallium	0.100	0.0960		mg/L		96	80 - 120
Vanadium	0.100	0.0926		mg/L		93	80 - 120
Zinc	0.100	0.0889		mg/L		89	80 - 120

Lab Sample ID: 705-56500-1 MS
Matrix: Water
Analysis Batch: 113452

Client Sample ID: MCI-GWA-3
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0058		0.100	0.0868		mg/L		81	75 - 125
Arsenic	0.0048	J	0.100	0.0948		mg/L		90	75 - 125
Barium	0.017		0.100	0.0933		mg/L		76	75 - 125
Beryllium	0.0019		0.100	0.0908		mg/L		89	75 - 125
Cadmium	0.0016		0.100	0.0854		mg/L		84	75 - 125
Chromium	0.0086		0.100	0.0961		mg/L		87	75 - 125
Cobalt	0.0067		0.100	0.0948		mg/L		88	75 - 125
Copper	0.0068		0.100	0.0959		mg/L		89	75 - 125
Lead	0.0061		0.100	0.0880		mg/L		82	75 - 125
Nickel	0.0068		0.100	0.0936		mg/L		87	75 - 125
Selenium	<0.0023		0.100	0.0855		mg/L		86	75 - 125
Silver	0.00054	J	0.0100	0.00861		mg/L		81	75 - 125
Thallium	0.0072		0.100	0.0884		mg/L		81	75 - 125
Vanadium	0.0067		0.100	0.0902		mg/L		83	75 - 125
Zinc	0.014		0.100	0.0945		mg/L		81	75 - 125

Lab Sample ID: 705-56500-B-1-C MSD
Matrix: Water
Analysis Batch: 113452

Client Sample ID: 705-56500-B-1-C MSD
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.0058		0.100	0.0966		mg/L		91	75 - 125	11	20
Arsenic	0.0048	J	0.100	0.0978		mg/L		93	75 - 125	3	20
Barium	0.017		0.100	0.104		mg/L		87	75 - 125	11	20
Beryllium	0.0019		0.100	0.0983		mg/L		96	75 - 125	8	20
Cadmium	0.0016		0.100	0.0891		mg/L		87	75 - 125	4	20
Chromium	0.0086		0.100	0.103		mg/L		94	75 - 125	7	20
Cobalt	0.0067		0.100	0.101		mg/L		94	75 - 125	6	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-56500-B-1-C MSD
Matrix: Water
Analysis Batch: 113452

Client Sample ID: 705-56500-B-1-C MSD
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	0.0068		0.100	0.102		mg/L		95	75 - 125	6	20
Lead	0.0061		0.100	0.0965		mg/L		90	75 - 125	9	20
Nickel	0.0068		0.100	0.100		mg/L		93	75 - 125	7	20
Selenium	<0.0023		0.100	0.0922		mg/L		92	75 - 125	8	20
Silver	0.00054	J	0.0100	0.00961		mg/L		91	75 - 125	11	20
Thallium	0.0072		0.100	0.0985		mg/L		91	75 - 125	11	20
Vanadium	0.0067		0.100	0.0980		mg/L		91	75 - 125	8	20
Zinc	0.014		0.100	0.102		mg/L		88	75 - 125	8	20

Lab Sample ID: MB 705-117900/1-A
Matrix: Water
Analysis Batch: 118364

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 117900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		03/04/26 10:10	03/05/26 05:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		03/04/26 10:10	03/05/26 05:00	1
Barium	<0.00041		0.010	0.00041	mg/L		03/04/26 10:10	03/05/26 05:00	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		03/04/26 10:10	03/05/26 05:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		03/04/26 10:10	03/05/26 05:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		03/04/26 10:10	03/05/26 05:00	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		03/04/26 10:10	03/05/26 05:00	1
Copper	<0.00064		0.0020	0.00064	mg/L		03/04/26 10:10	03/05/26 05:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		03/04/26 10:10	03/05/26 05:00	1
Nickel	<0.00042		0.0050	0.00042	mg/L		03/04/26 10:10	03/05/26 05:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		03/04/26 10:10	03/05/26 05:00	1
Silver	<0.00017		0.0010	0.00017	mg/L		03/04/26 10:10	03/05/26 05:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		03/04/26 10:10	03/05/26 05:00	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		03/04/26 10:10	03/05/26 05:00	1
Zinc	<0.0089		0.010	0.0089	mg/L		03/04/26 10:10	03/05/26 05:00	1

Lab Sample ID: LCS 705-117900/2-A
Matrix: Water
Analysis Batch: 118364

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 117900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0946		mg/L		95	80 - 120
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.100	0.0915		mg/L		92	80 - 120
Beryllium	0.100	0.0890		mg/L		89	80 - 120
Cadmium	0.100	0.0903		mg/L		90	80 - 120
Chromium	0.100	0.102		mg/L		102	80 - 120
Cobalt	0.100	0.105		mg/L		105	80 - 120
Copper	0.100	0.106		mg/L		106	80 - 120
Lead	0.100	0.0999		mg/L		100	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Selenium	0.100	0.0889		mg/L		89	80 - 120
Silver	0.0100	0.0102		mg/L		102	80 - 120
Thallium	0.100	0.0972		mg/L		97	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-117900/2-A
Matrix: Water
Analysis Batch: 118364

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 117900

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc			0.100	0.103		mg/L		103	80 - 120		

Lab Sample ID: 680-269818-A-1-B MS
Matrix: Water
Analysis Batch: 118364

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 117900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.0025		0.100	0.0938		mg/L		94	75 - 125		
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125		
Barium	0.090		0.100	0.186		mg/L		95	75 - 125		
Beryllium	<0.00015	F1	0.100	0.0691	F1	mg/L		69	75 - 125		
Cadmium	<0.00024		0.100	0.0865		mg/L		86	75 - 125		
Chromium	0.026		0.100	0.122		mg/L		96	75 - 125		
Cobalt	<0.00041		0.100	0.0937		mg/L		94	75 - 125		
Copper	<0.00064		0.100	0.0930		mg/L		93	75 - 125		
Lead	<0.00086		0.100	0.0937		mg/L		94	75 - 125		
Nickel	<0.00042		0.100	0.0905		mg/L		91	75 - 125		
Selenium	<0.0023		0.100	0.102		mg/L		102	75 - 125		
Silver	<0.00017		0.0100	0.00947		mg/L		95	75 - 125		
Thallium	<0.00019		0.100	0.0914		mg/L		91	75 - 125		
Vanadium	0.025		0.100	0.122		mg/L		98	75 - 125		
Zinc	<0.0089		0.100	0.0889		mg/L		89	75 - 125		

Lab Sample ID: 680-269818-A-1-C MSD
Matrix: Water
Analysis Batch: 118364

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 117900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0944		mg/L		94	75 - 125	1	20
Arsenic	<0.0013		0.100	0.0981		mg/L		98	75 - 125	4	20
Barium	0.090		0.100	0.183		mg/L		93	75 - 125	2	20
Beryllium	<0.00015	F1	0.100	0.0680	F1	mg/L		68	75 - 125	2	20
Cadmium	<0.00024		0.100	0.0863		mg/L		86	75 - 125	0	20
Chromium	0.026		0.100	0.118		mg/L		93	75 - 125	3	20
Cobalt	<0.00041		0.100	0.0912		mg/L		91	75 - 125	3	20
Copper	<0.00064		0.100	0.0896		mg/L		90	75 - 125	4	20
Lead	<0.00086		0.100	0.0932		mg/L		93	75 - 125	1	20
Nickel	<0.00042		0.100	0.0866		mg/L		87	75 - 125	4	20
Selenium	<0.0023		0.100	0.101		mg/L		101	75 - 125	1	20
Silver	<0.00017		0.0100	0.00940		mg/L		94	75 - 125	1	20
Thallium	<0.00019		0.100	0.0916		mg/L		92	75 - 125	0	20
Vanadium	0.025		0.100	0.121		mg/L		96	75 - 125	1	20
Zinc	<0.0089		0.100	0.0864		mg/L		86	75 - 125	3	20

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-112394/1
Matrix: Water
Analysis Batch: 112394

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/06/26 12:25	1

Lab Sample ID: LCS 705-112394/2
Matrix: Water
Analysis Batch: 112394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1010		mg/L		102	80 - 120

Lab Sample ID: 705-56710-B-1 DU
Matrix: Water
Analysis Batch: 112394

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	870		858		mg/L		2	10

Lab Sample ID: MB 705-112941/1
Matrix: Water
Analysis Batch: 112941

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/09/26 15:00	1

Lab Sample ID: LCS 705-112941/2
Matrix: Water
Analysis Batch: 112941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1050		mg/L		105	80 - 120

Lab Sample ID: 705-56811-G-1 DU
Matrix: Water
Analysis Batch: 112941

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1000		1050		mg/L		4	10

Lab Sample ID: MB 705-113170/1
Matrix: Water
Analysis Batch: 113170

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/10/26 12:59	1

Lab Sample ID: LCS 705-113170/2
Matrix: Water
Analysis Batch: 113170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	968		mg/L		97	80 - 120

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-1

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: 705-56493-C-2 DU
Matrix: Water
Analysis Batch: 113170

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	26			26.0		mg/L				0	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-56500-1
Project/Site: Plant McIntosh Landfill 4

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kevin Stephenson
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 2/13/2026 8:46:50 AM

JOB DESCRIPTION

Plant McIntosh Landfill 4

JOB NUMBER

705-56500-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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2/13/2026 8:46:50 AM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-56500-1	MCI-GWA-3	Water	02/02/26 15:35	02/04/26 13:39	Georgia
705-56500-2	MCI-GWA-4A	Water	02/02/26 14:25	02/04/26 13:39	Georgia
705-56500-3	MCI-LF4-GWA-5	Water	02/02/26 13:38	02/04/26 13:39	Georgia
705-56500-4	MCI-GWA-13	Water	02/02/26 14:30	02/04/26 13:39	Georgia
705-56500-5	MCI-GWA-14	Water	02/02/26 15:40	02/04/26 13:39	Georgia
705-56500-6	MCI-LF4-GWC-1	Water	02/03/26 15:32	02/04/26 13:39	Georgia
705-56500-7	MCI-LF4-GWA-2	Water	02/03/26 09:27	02/04/26 13:39	Georgia
705-56500-8	MCI-GWC-11	Water	02/03/26 13:54	02/04/26 13:39	Georgia
705-56500-9	MCI-GWC-12	Water	02/03/26 14:40	02/04/26 13:39	Georgia
705-56500-10	MCI-GWA-15	Water	02/03/26 09:45	02/04/26 13:39	Georgia
705-56500-11	MCI-GWA-16	Water	02/03/26 10:45	02/04/26 13:39	Georgia
705-56500-12	MCI-GWC-17	Water	02/03/26 11:50	02/04/26 13:39	Georgia
705-56500-13	MCI-GWC-18	Water	02/03/26 11:56	02/04/26 13:39	Georgia
705-56500-14	MCI-GWC-19	Water	02/03/26 14:25	02/04/26 13:39	Georgia
705-56500-15	MCI-GWC-20	Water	02/03/26 16:00	02/04/26 13:39	Georgia
705-56500-20	MCI-GWC-9	Water	02/04/26 10:58	02/04/26 13:39	Georgia
705-56500-21	MCI-GWC-10	Water	02/04/26 09:45	02/04/26 13:39	Georgia
705-56500-22	MCI-GWC-21	Water	02/04/26 10:05	02/04/26 13:39	Georgia
705-56500-23	MCI-GWC-23	Water	02/04/26 11:45	02/04/26 13:39	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: J. May C. Klauke ACC	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 2
Company: GA Power				Job #: 705-56500
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70505834			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0002			
Project Name: Plant McIntosh Landfill 4	Project #:			
Site: Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Task_Code: MCI-CCR-ASSMT-2026S1

Special Instructions/Note: Full APP III + 8 State Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Cations: Mg, K, Na	2320B_Total, Carbonate, Bicarbonate Alkalinity	Total Number of containers
			Preservation Code:				D	I	
MCI- GWA-3	02/02/26	1535	G	WG	N	N	X	X	0
MCI- GWA-4A	02/02/26	1425	G	WG	N	N	X	X	0
MCI- LF4-GWA-5	02/02/26	1338	G	WG	N	N	X	X	0
MCI- GWA-13	02/02/26	1430	G	WG	N	N	X	X	0
MCI- GWA-14	02/02/26	1540	G	WG	N	N	X	X	0
MCI- LF4-GWC-1	02/03/26	1532	G	WG	N	N	X	X	0
MCI- LF4-GWA-2	02/03/26	0927	G	WG	N	N	X	X	0
MCI- GWC-11	02/03/26	1354	G	WG	N	N	X	X	0
MCI- GWC-12	02/03/26	1440	G	WG	N	N	X	X	0
MCI- GWA-15	02/03/26	0945	G	WG	N	N	X	X	0
MCI- GWA-16	02/03/26	1045	G	WG	N	N	X	X	0

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	02-04-26 1339	ACC		2/4/26 1339	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5/1.5 1.7/1.7 1.3/1.3 0.8/0.8 3.9/3.9 0.7/0.7 5.4/5.4

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: J. May, C. Klauke (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 2
Company: GA Power				Job #: 705-56500
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70505834			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0002			
Project Name: Plant McIntosh Landfill 4	Project #:			
Site: Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Task_Code: MCI-CCR-ASSMT-2026S1

Special Instructions/Note: Full APP III + 8 State Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Cations: Mg, K, Na	2320B_Total, Carbonate, Bicarbonate Alkalinity	Total Number of containers
			Preservation Code:				D	!	
MCI- GWC-17	02/03/26	1150	G	WG	N	N	X	X	0
MCI- GWC-18	02/03/26	1156	G	WG	N	N	X	X	0
MCI- GWC-19	02/03/26	1425	G	WG	N	N	X	X	0
MCI- GWC-20	02/03/26	1600	G	WG	N	N	X	X	0
MCI- GWC-9	02/04/26	1058	G	WG	N	N	X	X	0
MCI- GWC-10	02/04/26	0945	G	WG	N	N	X	X	0
MCI- GWC-21	02/04/26	1005	G	WG	N	N	X	X	0
MCI- GWC-23	02/04/26	1145	G	WG	N	N	X	X	0
MCI-			G		N	N			
MCI-			G		N	N			
MCI-			G		N	N			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		02-04-26 1339	ACC		2/4/26 1339	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.5/1.5 1.7/1.7 1.3/1.3 0.8/0.8 3.9/3.9 0.7/0.7 5.4/5.4

2/13/2026

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-56500-2

Login Number: 56500

List Source: Eurofins Atlanta

List Number: 1

Creator: Lincoln, Alyssa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-56500-2
Project/Site: Plant McIntosh Landfill 4

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

Job Narrative
705-56500-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/4/2026 1:39 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.7°C, 0.8°C, 1.3°C, 1.5°C, 1.7°C, 3.9°C and 5.4°C.

Metals
Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 705-113452 recovered above the upper control limit for Sodium. The samples associated with this CCV were reanalyzed at a dilution for the affected analyte; therefore, the data have been reported.

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

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

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-GWA-3 — Lab Sample ID: 705-56500-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.71		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.44		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	2.7		2.5	1.2	mg/L	5		6020B	Total Recoverable

Client Sample ID: MCI-GWA-4A — Lab Sample ID: 705-56500-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.62		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.52		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	3.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	3.1		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	3.1		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-LF4-GWA-5 — Lab Sample ID: 705-56500-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.74		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.58		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	2.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	6.8		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	6.8		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWA-13 — Lab Sample ID: 705-56500-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.66		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.56		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	2.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	3.0		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	3.0		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWA-14 — Lab Sample ID: 705-56500-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.66		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.41		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	3.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	3.8		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	3.8		3.0	3.0	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-LF4-GWC-1 — Lab Sample ID: 705-56500-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.82		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	1.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	3.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	8.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	8.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-LF4-GWA-2 — Lab Sample ID: 705-56500-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.95		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.78		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	3.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	6.6		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	6.6		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWC-11 — Lab Sample ID: 705-56500-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.99		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	4.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	5.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	57		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	57		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWC-12 — Lab Sample ID: 705-56500-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.66		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.44		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	2.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	16		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	16		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWA-15 — Lab Sample ID: 705-56500-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.62		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.55		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	2.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	3.2		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	3.2		3.0	3.0	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-GWA-16 — Lab Sample ID: 705-56500-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.85		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.57		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	2.9		0.50	0.25	mg/L	1		6020B	Total Recoverable

Client Sample ID: MCI-GWC-17 — Lab Sample ID: 705-56500-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.71		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	2.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	5.7		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	5.7		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWC-18 — Lab Sample ID: 705-56500-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.96		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	4.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	4.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	45		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	45		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWC-19 — Lab Sample ID: 705-56500-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.86		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	1.4		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	4.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	32		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	32		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWC-20 — Lab Sample ID: 705-56500-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.84		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.88		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	5.0		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	4.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	4.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-GWC-9 — Lab Sample ID: 705-56500-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.97		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	1.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	6.1		2.5	1.2	mg/L	5		6020B	Total Recoverable
Total Alkalinity as CaCO3	17		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	17		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWC-10 — Lab Sample ID: 705-56500-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1.2		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	11		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	5.9		2.5	1.2	mg/L	5		6020B	Total Recoverable
Total Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWC-21 — Lab Sample ID: 705-56500-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.87		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.92		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	4.8		2.5	1.2	mg/L	5		6020B	Total Recoverable
Total Alkalinity as CaCO3	5.1		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	5.1		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: MCI-GWC-23 — Lab Sample ID: 705-56500-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.70		0.10	0.044	mg/L	1		6020B	Total Recoverable
Magnesium	0.62		0.10	0.016	mg/L	1		6020B	Total Recoverable
Sodium	4.2		2.5	1.2	mg/L	5		6020B	Total Recoverable
Total Alkalinity as CaCO3	4.7		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	4.7		3.0	3.0	mg/L	1		2320B-2011	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MCI-GWA-3

Lab Sample ID: 705-56500-1

Date Collected: 02/02/26 15:35

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**0.71**		0.10	0.044	mg/L		02/08/26 14:13	02/11/26 04:48	1
Magnesium	**0.44**		0.10	0.016	mg/L		02/08/26 14:13	02/11/26 04:48	1
Sodium	**2.7**		2.5	1.2	mg/L		02/08/26 14:13	02/11/26 13:08	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWA-4A

Lab Sample ID: 705-56500-2

Date Collected: 02/02/26 14:25

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**0.62**		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:00	1
Magnesium	**0.52**		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:00	1
Sodium	**3.5**		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**3.1**		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**3.1**		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-LF4-GWA-5

Lab Sample ID: 705-56500-3

Date Collected: 02/02/26 13:38

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**0.74**		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:11	1
Magnesium	**0.58**		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:11	1
Sodium	**2.7**		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**6.8**		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**6.8**		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-GWA-13

Lab Sample ID: 705-56500-4

Date Collected: 02/02/26 14:30

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.66		0.10	0.044	mg/L		02/06/26 09:49	02/07/26 23:56	1
Magnesium	0.56		0.10	0.016	mg/L		02/06/26 09:49	02/07/26 23:56	1
Sodium	2.9		0.50	0.25	mg/L		02/06/26 09:49	02/07/26 23:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	3.0		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	3.0		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWA-14

Lab Sample ID: 705-56500-5

Date Collected: 02/02/26 15:40

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.66		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:13	1
Magnesium	0.41		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:13	1
Sodium	3.3		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	3.8		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	3.8		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-LF4-GWC-1

Lab Sample ID: 705-56500-6

Date Collected: 02/03/26 15:32

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.82		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:16	1
Magnesium	1.0		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:16	1
Sodium	3.6		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	8.5		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	8.5		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-LF4-GWA-2

Lab Sample ID: 705-56500-7

Date Collected: 02/03/26 09:27

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.95		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:19	1
Magnesium	0.78		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:19	1
Sodium	3.5		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	6.6		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	6.6		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWC-11

Lab Sample ID: 705-56500-8

Date Collected: 02/03/26 13:54

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.99		0.10	0.044	mg/L		02/06/26 09:49	02/08/26 00:15	1
Magnesium	4.9		0.10	0.016	mg/L		02/06/26 09:49	02/08/26 00:15	1
Sodium	5.3		0.50	0.25	mg/L		02/06/26 09:49	02/08/26 00:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	57		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	57		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWC-12

Lab Sample ID: 705-56500-9

Date Collected: 02/03/26 14:40

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.66		0.10	0.044	mg/L		02/06/26 09:49	02/08/26 00:18	1
Magnesium	0.44		0.10	0.016	mg/L		02/06/26 09:49	02/08/26 00:18	1
Sodium	2.7		0.50	0.25	mg/L		02/06/26 09:49	02/08/26 00:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	16		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	16		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWA-15

Lab Sample ID: 705-56500-10

Date Collected: 02/03/26 09:45

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**0.62**		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:37	1
Magnesium	**0.55**		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:37	1
Sodium	**2.9**		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**3.2**		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**3.2**		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWA-16

Lab Sample ID: 705-56500-11

Date Collected: 02/03/26 10:45

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**0.85**		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:40	1
Magnesium	**0.57**		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:40	1
Sodium	**2.9**		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWC-17

Lab Sample ID: 705-56500-12

Date Collected: 02/03/26 11:50

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1.0**		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:43	1
Magnesium	**0.71**		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:43	1
Sodium	**2.5**		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**5.7**		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**5.7**		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWC-18

Lab Sample ID: 705-56500-13

Date Collected: 02/03/26 11:56

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.96		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:46	1
Magnesium	4.5		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:46	1
Sodium	4.2		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	45		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	45		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWC-19

Lab Sample ID: 705-56500-14

Date Collected: 02/03/26 14:25

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.86		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:48	1
Magnesium	1.4		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:48	1
Sodium	4.2		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	32		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	32		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWC-20

Lab Sample ID: 705-56500-15

Date Collected: 02/03/26 16:00

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.84		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 21:51	1
Magnesium	0.88		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 21:51	1
Sodium	5.0		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 21:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	4.3		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	4.3		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWC-9

Lab Sample ID: 705-56500-20

Date Collected: 02/04/26 10:58

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.97		0.10	0.044	mg/L		02/08/26 14:13	02/11/26 05:02	1
Magnesium	1.5		0.10	0.016	mg/L		02/08/26 14:13	02/11/26 05:02	1
Sodium	6.1		2.5	1.2	mg/L		02/08/26 14:13	02/11/26 13:11	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	17		3.0	3.0	mg/L			02/11/26 10:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	17		3.0	3.0	mg/L			02/11/26 10:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/11/26 10:40	1

Client Sample ID: MCI-GWC-10

Lab Sample ID: 705-56500-21

Date Collected: 02/04/26 09:45

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1.2		0.10	0.044	mg/L		02/08/26 14:13	02/11/26 05:05	1
Magnesium	11		0.10	0.016	mg/L		02/08/26 14:13	02/11/26 05:05	1
Sodium	5.9		2.5	1.2	mg/L		02/08/26 14:13	02/11/26 13:14	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	110		3.0	3.0	mg/L			02/12/26 11:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	110		3.0	3.0	mg/L			02/12/26 11:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/12/26 11:42	1

Client Sample ID: MCI-GWC-21

Lab Sample ID: 705-56500-22

Date Collected: 02/04/26 10:05

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	0.87		0.10	0.044	mg/L		02/08/26 14:13	02/11/26 05:28	1
Magnesium	0.92		0.10	0.016	mg/L		02/08/26 14:13	02/11/26 05:28	1
Sodium	4.8		2.5	1.2	mg/L		02/08/26 14:13	02/11/26 13:17	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	5.1		3.0	3.0	mg/L			02/12/26 11:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	5.1		3.0	3.0	mg/L			02/12/26 11:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/12/26 11:42	1

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-GWC-23

Lab Sample ID: 705-56500-23

Date Collected: 02/04/26 11:45

Matrix: Water

Date Received: 02/04/26 13:39

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**0.70**		0.10	0.044	mg/L		02/08/26 14:13	02/11/26 05:31	1
Magnesium	**0.62**		0.10	0.016	mg/L		02/08/26 14:13	02/11/26 05:31	1
Sodium	**4.2**		2.5	1.2	mg/L		02/08/26 14:13	02/11/26 13:20	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**4.7**		3.0	3.0	mg/L			02/12/26 11:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**4.7**		3.0	3.0	mg/L			02/12/26 11:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/12/26 11:42	1

Method Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL

Protocol References:

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

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

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-GWA-3

Lab Sample ID: 705-56500-1

Date Collected: 02/02/26 15:35
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 04:48
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		5	113874	IF	EET ATL	02/11/26 13:08
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWA-4A

Lab Sample ID: 705-56500-2

Date Collected: 02/02/26 14:25
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:00
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-LF4-GWA-5

Lab Sample ID: 705-56500-3

Date Collected: 02/02/26 13:38
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:11
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWA-13

Lab Sample ID: 705-56500-4

Date Collected: 02/02/26 14:30
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/07/26 23:56
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWA-14

Lab Sample ID: 705-56500-5

Date Collected: 02/02/26 15:40
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:13
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-LF4-GWC-1

Lab Sample ID: 705-56500-6

Date Collected: 02/03/26 15:32
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:16
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-LF4-GWA-2

Lab Sample ID: 705-56500-7

Date Collected: 02/03/26 09:27
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:19
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWC-11

Lab Sample ID: 705-56500-8

Date Collected: 02/03/26 13:54
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/08/26 00:15
Total/NA	Analysis	2320B-2011		1	113425	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWC-12

Lab Sample ID: 705-56500-9

Date Collected: 02/03/26 14:40
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112447	SA	EET ATL	02/06/26 09:49
Total Recoverable	Analysis	6020B		1	112879	TT	EET ATL	02/08/26 00:18
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWA-15

Lab Sample ID: 705-56500-10

Date Collected: 02/03/26 09:45
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:37
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-GWA-16

Lab Sample ID: 705-56500-11

Date Collected: 02/03/26 10:45
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:40
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWC-17

Lab Sample ID: 705-56500-12

Date Collected: 02/03/26 11:50
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:43
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWC-18

Lab Sample ID: 705-56500-13

Date Collected: 02/03/26 11:56
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:46
Total/NA	Analysis	2320B-2011		1	113425	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWC-19

Lab Sample ID: 705-56500-14

Date Collected: 02/03/26 14:25
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:48
Total/NA	Analysis	2320B-2011		1	113425	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWC-20

Lab Sample ID: 705-56500-15

Date Collected: 02/03/26 16:00
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112427	SA	EET ATL	02/06/26 08:44
Total Recoverable	Analysis	6020B		1	112878	TT	EET ATL	02/07/26 21:51
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 4

Job ID: 705-56500-2

Client Sample ID: MCI-GWC-9

Lab Sample ID: 705-56500-20

Date Collected: 02/04/26 10:58
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:02
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		5	113874	IF	EET ATL	02/11/26 13:11
Total/NA	Analysis	2320B-2011		1	113544	AH	EET ATL	02/11/26 10:40

Client Sample ID: MCI-GWC-10

Lab Sample ID: 705-56500-21

Date Collected: 02/04/26 09:45
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:05
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		5	113874	IF	EET ATL	02/11/26 13:14
Total/NA	Analysis	2320B-2011		1	113783	AH	EET ATL	02/12/26 11:42

Client Sample ID: MCI-GWC-21

Lab Sample ID: 705-56500-22

Date Collected: 02/04/26 10:05
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:28
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		5	113874	IF	EET ATL	02/11/26 13:17
Total/NA	Analysis	2320B-2011		1	113882	AH	EET ATL	02/12/26 11:42

Client Sample ID: MCI-GWC-23

Lab Sample ID: 705-56500-23

Date Collected: 02/04/26 11:45
Matrix: Water
Date Received: 02/04/26 13:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		1	113452	IF	EET ATL	02/11/26 05:31
Total Recoverable	Prep	3005A			112731	TR	EET ATL	02/08/26 14:13
Total Recoverable	Analysis	6020B		5	113874	IF	EET ATL	02/11/26 13:20
Total/NA	Analysis	2320B-2011		1	113882	AH	EET ATL	02/12/26 11:42

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-112427/1-A
Matrix: Water
Analysis Batch: 112878

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		02/06/26 08:44	02/07/26 20:55	1
Magnesium	<0.016		0.10	0.016	mg/L		02/06/26 08:44	02/07/26 20:55	1
Sodium	<0.25		0.50	0.25	mg/L		02/06/26 08:44	02/07/26 20:55	1

Lab Sample ID: LCS 705-112427/2-A
Matrix: Water
Analysis Batch: 112878

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 112427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.00	0.922		mg/L		92	80 - 120
Magnesium	1.00	0.958		mg/L		96	80 - 120
Sodium	1.00	1.02		mg/L		102	80 - 120

Lab Sample ID: 705-56500-2 MS
Matrix: Water
Analysis Batch: 112878

Client Sample ID: MCI-GWA-4A
Prep Type: Total Recoverable
Prep Batch: 112427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	0.62		1.00	1.57		mg/L		95	75 - 125
Magnesium	0.52		1.00	1.51		mg/L		99	75 - 125
Sodium	3.5		1.00	4.55		mg/L		104	75 - 125

Lab Sample ID: 705-56500-2 MSD
Matrix: Water
Analysis Batch: 112878

Client Sample ID: MCI-GWA-4A
Prep Type: Total Recoverable
Prep Batch: 112427

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	0.62		1.00	1.53		mg/L		92	75 - 125	2	20
Magnesium	0.52		1.00	1.50		mg/L		99	75 - 125	0	20
Sodium	3.5		1.00	4.50		mg/L		99	75 - 125	1	20

Lab Sample ID: MB 705-112447/1-A
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		02/06/26 09:49	02/07/26 22:50	1
Magnesium	<0.016		0.10	0.016	mg/L		02/06/26 09:49	02/07/26 22:50	1
Sodium	<0.25		0.50	0.25	mg/L		02/06/26 09:49	02/07/26 22:50	1

Lab Sample ID: LCS 705-112447/2-A
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.00	0.922		mg/L		92	80 - 120
Magnesium	1.00	0.987		mg/L		99	80 - 120
Sodium	1.00	1.03		mg/L		103	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-56493-D-6-B MS
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.8		1.00	2.77		mg/L		93	75 - 125
Magnesium	16		1.00	17.2	4	mg/L		101	75 - 125
Sodium	28		1.00	29.1	4	mg/L		141	75 - 125

Lab Sample ID: 705-56493-D-6-C MSD
Matrix: Water
Analysis Batch: 112879

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 112447

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	1.8		1.00	2.73		mg/L		89	75 - 125	2	20
Magnesium	16		1.00	17.1	4	mg/L		91	75 - 125	1	20
Sodium	28		1.00	28.4	4	mg/L		79	75 - 125	2	20

Lab Sample ID: MB 705-112731/1-A
Matrix: Water
Analysis Batch: 113452

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		02/08/26 14:13	02/11/26 04:43	1
Magnesium	<0.016		0.10	0.016	mg/L		02/08/26 14:13	02/11/26 04:43	1
Sodium	<0.25	^+	0.50	0.25	mg/L		02/08/26 14:13	02/11/26 04:43	1

Lab Sample ID: LCS 705-112731/2-A
Matrix: Water
Analysis Batch: 113452

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.00	0.893		mg/L		89	80 - 120
Magnesium	1.00	0.954		mg/L		95	80 - 120
Sodium	1.00	0.909	^+	mg/L		91	80 - 120

Lab Sample ID: 705-56500-1 MS
Matrix: Water
Analysis Batch: 113452

Client Sample ID: MCI-GWA-3
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	0.71		1.00	1.52		mg/L		81	75 - 125
Magnesium	0.44		1.00	1.33		mg/L		89	75 - 125
Sodium	2.2	^+	1.00	3.01	^+	mg/L		80	75 - 125

Lab Sample ID: 705-56500-1 MSD
Matrix: Water
Analysis Batch: 113452

Client Sample ID: MCI-GWA-3
Prep Type: Total Recoverable
Prep Batch: 112731

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	0.71		1.00	1.60		mg/L		89	75 - 125	5	20
Magnesium	0.44		1.00	1.40		mg/L		96	75 - 125	5	20
Sodium	2.2	^+	1.00	3.10	^+	mg/L		89	75 - 125	3	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-113425/1
Matrix: Water
Analysis Batch: 113425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	133		mg/L		107	90 - 110

Lab Sample ID: 705-56663-A-4 DU
Matrix: Water
Analysis Batch: 113544

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	9.3		9.40		mg/L		0.9	30
Bicarbonate Alkalinity as CaCO3	9.3		9.40		mg/L		0.9	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Lab Sample ID: LCS 705-113783/1
Matrix: Water
Analysis Batch: 113783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	132		mg/L		106	90 - 110

Lab Sample ID: 705-56956-A-1 DU
Matrix: Water
Analysis Batch: 113783

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	28		28.8		mg/L		1	30
Bicarbonate Alkalinity as CaCO3	28		28.8		mg/L		1	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-56500-2
Project/Site: Plant McIntosh Landfill 4

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

LEVEL 2A LABORATORY DATA VALIDATIONS

McIntosh Landfill No. 4

Semiannual Event

February 2026

Georgia Power Company – McIntosh Landfill 4

Quality Control Review of Analytical Data – February 2026

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Eurofins Environment Testing America for groundwater samples collected at McIntosh Landfill 4 (LF4) between February 2, 2026 and February 4, 2026. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix. SDG 705-56500-1 was revised to correct errant metals data for MCI-GWA-3 and MCI-LF4-EB-07.

In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 Code of Federal Regulations (CFR), Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for detection monitoring constituents listed in 40 CFR, Part 257, Appendix III and permit-required state metals. Test methods included Inductively Coupled Plasma – Mass Spectrometry (US EPA Method 6020B), Determination of Inorganic Anions (US EPA Method 300.0), and Solids in Water (Standard Methods 2540C).

Data were reviewed in accordance with the US EPA Region 4 Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)[1] and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)[2]. The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (field, equipment, and laboratory blanks). Sample receipt conditions, holding times, and chains of custody were reviewed. If there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were met, except for fluoride from MCI-GWC-17 (705-56500-12) and total dissolved solids (TDS) from MCI-LF4-GWC-1 (705-56500-6) as described in the qualifications section below.

Accuracy: Laboratory goals for accuracy were met.

Detection Limits: Project goals for detection limits were met. Certain samples were diluted due to the concentration of target or non-target analyte interferences. Dilutions do not require qualifications based on US EPA guidelines. Reporting limits (RLs) of non-detect compounds are elevated proportional to the dilution when undiluted sample results were not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the validation process:

J+: The analyte was positively identified above the method detection limit; however, the analyte was also detected in a method blank, field blank, and/or equipment blank.

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the estimated concentration of the analyte in the sample.

U: The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. The applied qualifications may not have been required for all samples collected at the site. A summary of sample qualifications can be found in Table 2 of this Appendix.

- Samples MCI-GWC-17 (705-56500-12) and MCI-LF4-FD-03 (705-56500-16) were qualified as estimated (J) for fluoride as the field relative percent difference (RPD) calculation exceeded QC criteria (49.1% above the limit of 20).

- Samples MCI-LF4-GWC-1 (705-56500-6) and MCI-LF4-FD-04 (705-56500-17) were qualified as estimated (J) for TDS as the field RPD calculation exceeded QC criteria (27.3% above the limit of 20).

- Samples MCI-GWA-4A (705-56500-2), MCI-LF4-GWA-5 (705-56500-3), MCI-GWA-14 (705-56500-5), MCI-GWA-15 (705-56500-10), MCI-GWA-16 (705-56500-11), and MCI-GWC-18 (705-56500-13) were qualified as non-detect (U) for nickel and MCI-GWC-11 (705-56500-8) for vanadium due to the analytes being detected at a similar concentration in an associated blank sample (batch method blank). As shown in Table 2, when the original sample result was above the minimum detection limit (MDL) and the associated method blank detection, the new MDL was raised to the detectable concentration of the sample as part of the qualification process.

- Samples MCI-LF4-GWC-1 (705-56500-6), MCI-LF4-GWA-2 (705-56500-7), MCI-GWC-17 (705-56500-12), MCI-GWC-19 (705-56500-14), and MCI-GWC-20 (705-56500-15) were qualified as estimated (J+) for nickel due to the analyte being detected at a similar concentration in an associated blank sample (batch method blank).

Atlantic Coast Consulting, Inc. reviewed the laboratory data from McIntosh LF4 sampled between February 2, 2026 and February 4, 2026 in accordance with the analytical methods, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

[1]US EPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

[2]US EPA, January 2017, National Office of Superfund Remediation and Technology Innovation, National Functional Guidelines for Inorganic Superfund Methods Data Review, Revision 0.0

TABLE 1

Sample Summary Table – February 2026

Georgia Power Company – McIntosh LF4

						Analyses		
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020B)	Anions (300.0)	TDS (SM 2540C)
56500-1	MCI-GWA-3	02/02/26	705-56500-1	WG		X	X	X
56500-1	MCI-GWA-4A	02/02/26	705-56500-2	WG		X	X	X
56500-1	MCI-LF4-GWA-5	02/02/26	705-56500-3	WG		X	X	X
56500-1	MCI-GWA-13	02/02/26	705-56500-4	WG		X	X	X
56500-1	MCI-GWA-14	02/02/26	705-56500-5	WG		X	X	X
56500-1	MCI-LF4-GWC-1	02/03/26	705-56500-6	WG		X	X	X
56500-1	MCI-LF4-GWA-2	02/03/26	705-56500-7	WG		X	X	X
56500-1	MCI-GWC-11	02/03/26	705-56500-8	WG		X	X	X
56500-1	MCI-GWC-12	02/03/26	705-56500-9	WG		X	X	X
56500-1	MCI-GWA-15	02/03/26	705-56500-10	WG		X	X	X
56500-1	MCI-GWA-16	02/03/26	705-56500-11	WG		X	X	X
56500-1	MCI-GWC-17	02/03/26	705-56500-12	WG		X	X	X
56500-1	MCI-GWC-18	02/03/26	705-56500-13	WG		X	X	X
56500-1	MCI-GWC-19	02/03/26	705-56500-14	WG		X	X	X
56500-1	MCI-GWC-20	02/03/26	705-56500-15	WG		X	X	X
56500-1	MCI-LF4-FD-03	02/03/26	705-56500-16	WG	FD (MCI-GWC-17)	X	X	X
56500-1	MCI-LF4-FD-04	02/03/26	705-56500-17	WG	FD (MCI-LF4-GWC-1)	X	X	X
56500-1	MCI-LF4-FB-05	02/03/26	705-56500-18	WQ	FB	X	X	X
56500-1	MCI-LF4-EB-07	02/03/26	705-56500-19	WQ	EB	X	X	X
56500-1	MCI-GWC-9	02/04/26	705-56500-20	WG		X	X	X
56500-1	MCI-GWC-10	02/04/26	705-56500-21	WG		X	X	X
56500-1	MCI-GWC-21	02/04/26	705-56500-22	WG		X	X	X
56500-1	MCI-GWC-23	02/04/26	705-56500-23	WG		X	X	X
56500-1	MCI-LF4-FB-06	02/04/26	705-56500-24	WQ	FB	X	X	X
56500-1	MCI-LF4-EB-08	02/04/26	705-56500-25	WQ	EB	X	X	X

Abbreviations:
EB – Equipment Blank
FB – Field Blank
FD – Field Duplicate
QC – Quality Control
SDG – Sample Delivery Group
TDS – Total Dissolved Solids
WG – Groundwater
WQ – Water Quality Control

TABLE 2

Qualifier Summary Table – February 2026

Georgia Power Company – McIntosh LF4

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
56500-1	MCI-GWC-17	Fluoride			J	RPD exceeds field goal
56500-1	MCI-LF4-FD-03	Fluoride			J	RPD exceeds field goal
56500-1	MCI-LF4-GWC-1	TDS			J	RPD exceeds field goal
56500-1	MCI-LF4-FD-04	TDS			J	RPD exceeds field goal
56500-1	MCI-GWA-4A	Nickel		0.00058	U	Blank detection
56500-1	MCI-LF4-GWA-5	Nickel		0.00057	U	Blank detection
56500-1	MCI-GWA-14	Nickel		0.00065	U	Blank detection
56500-1	MCI-LF4-GWC-1	Nickel			J+	Blank detection
56500-1	MCI-LF4-GWA-2	Nickel			J+	Blank detection
56500-1	MCI-GWA-15	Nickel		0.00046	U	Blank detection
56500-1	MCI-GWA-16	Nickel		0.00061	U	Blank detection
56500-1	MCI-GWC-17	Nickel			J+	Blank detection
56500-1	MCI-GWC-18	Nickel		0.00071	U	Blank detection
56500-1	MCI-GWC-19	Nickel			J+	Blank detection
56500-1	MCI-GWC-20	Nickel			J+	Blank detection
56500-1	MCI-GWC-11	Vanadium		0.0019	U	Blank detection

Abbreviations:
MDC – Minimum Detectable Concentration
MS/MSD – Matrix Spike / Matrix Spike Duplicate
MDL – Method Detection Limit
QC – Quality Control
RL – Reporting Limit
RPD – Relative Percent Difference
SDG – Sample Delivery Group
TDS – Total Dissolved Solids

Qualifiers:
J+ – Field or Equipment Blank Detection
J – Estimated Result
U – Non-Detect Result

LEVEL 2A LABORATORY DATA VALIDATIONS

McIntosh Landfill No. 4

Geochemical Parameters Event

February 2026

Georgia Power Company – McIntosh Landfill 4

Quality Control Review of Analytical Data – February 2026

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Eurofins Environment Testing America, Savannah for groundwater samples collected at McIntosh Landfill 4 (LF4) between February 2, 2026 and February 4, 2026. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix.

The samples were analyzed for major ion constituents. Test methods included Inductively Coupled Plasma – Mass Spectrometry (US EPA Method 6020B) and Alkalinity in Water (Standard Methods 2320B).

Data were reviewed in accordance with the US EPA Region 4 Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)[1] and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)[2]. The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (laboratory blanks). Sample receipt conditions, holding times, and chains of custody were reviewed. If there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were not applicable to this sampling event.

Accuracy: Laboratory goals for accuracy were met.

Detection Limits: Project goals for detection limits were met.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

J+: The analyte was positively identified above the method detection limit; however, the analyte was also detected in a method blank, field blank, and/or equipment blank.

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the estimated concentration of the analyte in the sample.

U: The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines.

Atlantic Coast Consulting, Inc. reviewed the laboratory data from McIntosh LF4 sampled between February 2, 2026 and February 4, 2026 in accordance with the analytical methods, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

[1]US EPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

[2]US EPA, January 2017, National Office of Superfund Remediation and Technology Innovation, National Functional Guidelines for Inorganic Superfund Methods Data Review, Revision 0.0

TABLE 1

Georgia Power Company – McIntosh LF4

Sample Summary Table – February 2026

						Analyses	
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020B)	Alkalinity (SM 2320B)
56500-2	MCI-GWA-3	02/02/26	705-56500-1	WG		X	X
56500-2	MCI-GWA-4A	02/02/26	705-56500-2	WG		X	X
56500-2	MCI-LF4-GWA-5	02/02/26	705-56500-3	WG		X	X
56500-2	MCI-GWA-13	02/02/26	705-56500-4	WG		X	X
56500-2	MCI-GWC-14	02/02/26	705-56500-5	WG		X	X
56500-2	MCI-LF4-GWC-1	02/03/26	705-56500-6	WG		X	X
56500-2	MCI-LF4-GWA-2	02/03/26	705-56500-7	WG		X	X
56500-2	MCI-GWC-11	02/03/26	705-56500-8	WG		X	X
56500-2	MCI-GWC-12	02/03/26	705-56500-9	WG		X	X
56500-2	MCI-GWA-15	02/03/26	705-56500-10	WG		X	X
56500-2	MCI-GWA-16	02/03/26	705-56500-11	WG		X	X
56500-2	MCI-GWC-17	02/03/26	705-56500-12	WG		X	X
56500-2	MCI-GWC-18	02/03/26	705-56500-13	WG		X	X
56500-2	MCI-GWC-19	02/03/26	705-56500-14	WG		X	X
56500-2	MCI-GWC-20	02/03/26	705-56500-15	WG		X	X
56500-2	MCI-GWC-9	02/04/26	705-56500-20	WG		X	X
56500-2	MCI-GWC-10	02/04/26	705-56500-21	WG		X	X
56500-2	MCI-GWC-21	02/04/26	705-56500-22	WG		X	X
56500-2	MCI-GWC-23	02/04/26	705-56500-23	WG		X	X

Abbreviations:
QC – Quality Control
SDG – Sample Delivery Group
WG – Groundwater

Low-Flow Test Report:

Test Date / Time: 2/3/2026 3:04:13 PM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWC-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 18.29 ft** **Total Depth: 28.29 ft** **Initial Depth to Water: 15.94 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 23 ft** **Estimated Total Volume Pumped: 6.3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 4.32 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1532
Sunny, 60s
FD-04 poured here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 3:04 PM	00:00	4.818 pH	19.58 °C	29.93 µS/cm	3.274 mg/L	2.320 NTU	178.4 mV	15.94 ft	225.0 ml/min
2/3/2026 3:09 PM	05:00	4.794 pH	19.58 °C	29.97 µS/cm	3.088 mg/L	2.540 NTU	179.4 mV	16.30 ft	225.0 ml/min
2/3/2026 3:14 PM	10:00	4.801 pH	19.59 °C	29.95 µS/cm	3.075 mg/L	2.360 NTU	179.5 mV	16.30 ft	225.0 ml/min
2/3/2026 3:17 PM	13:06	4.832 pH	19.55 °C	29.93 µS/cm	3.086 mg/L	2.200 NTU	177.7 mV	16.30 ft	225.0 ml/min
2/3/2026 3:22 PM	18:06	4.863 pH	19.62 °C	29.76 µS/cm	3.171 mg/L	1.980 NTU	177.9 mV	16.30 ft	225.0 ml/min
2/3/2026 3:27 PM	23:06	4.848 pH	19.61 °C	29.59 µS/cm	3.222 mg/L	1.790 NTU	179.9 mV	16.30 ft	225.0 ml/min
2/3/2026 3:32 PM	28:06	4.838 pH	19.50 °C	29.51 µS/cm	3.278 mg/L	1.680 NTU	181.6 mV	16.30 ft	225.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/3/2026 9:02:09 AM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWA-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 18.47 ft** **Total Depth: 28.47 ft** **Initial Depth to Water: 17.87 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 23 ft** **Estimated Total Volume Pumped: 6.25 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 1.56 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 0927
Sunny, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 9:02 AM	00:00	4.607 pH	13.95 °C	42.52 µS/cm	6.762 mg/L	0.680 NTU	196.7 mV	17.87 ft	250.0 ml/min
2/3/2026 9:07 AM	05:00	4.793 pH	16.18 °C	29.87 µS/cm	6.070 mg/L	0.720 NTU	182.9 mV	17.90 ft	250.0 ml/min
2/3/2026 9:12 AM	10:00	4.760 pH	16.85 °C	27.31 µS/cm	5.876 mg/L	0.640 NTU	183.0 mV	18.00 ft	250.0 ml/min
2/3/2026 9:17 AM	15:00	4.736 pH	17.15 °C	27.35 µS/cm	5.783 mg/L	0.580 NTU	184.1 mV	18.00 ft	250.0 ml/min
2/3/2026 9:22 AM	20:00	4.713 pH	17.42 °C	27.24 µS/cm	5.719 mg/L	0.520 NTU	180.3 mV	18.00 ft	250.0 ml/min
2/3/2026 9:27 AM	25:00	4.704 pH	17.63 °C	26.74 µS/cm	5.640 mg/L	0.430 NTU	180.7 mV	18.00 ft	250.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/2/2026 2:50:08 PM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWA-3 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.31 ft** **Total Depth: 38.31 ft** **Initial Depth to Water: 22.27 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 33 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 54.36 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1535
Sunny, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/2/2026 2:50 PM	00:00	5.100 pH	16.82 °C	18.58 µS/cm	8.222 mg/L	0.240 NTU	157.5 mV	22.27 ft	100.0 ml/min
2/2/2026 2:55 PM	05:00	5.052 pH	18.30 °C	18.40 µS/cm	6.766 mg/L	0.290 NTU	163.3 mV	23.70 ft	100.0 ml/min
2/2/2026 3:00 PM	10:00	5.081 pH	17.86 °C	18.26 µS/cm	6.662 mg/L	0.270 NTU	164.7 mV	24.50 ft	100.0 ml/min
2/2/2026 3:05 PM	15:00	5.068 pH	17.79 °C	18.23 µS/cm	6.630 mg/L	0.240 NTU	164.7 mV	25.10 ft	100.0 ml/min
2/2/2026 3:10 PM	20:00	5.068 pH	17.52 °C	18.25 µS/cm	6.633 mg/L	0.300 NTU	166.6 mV	25.60 ft	100.0 ml/min
2/2/2026 3:15 PM	25:00	5.088 pH	17.91 °C	18.29 µS/cm	6.654 mg/L	0.260 NTU	165.7 mV	26.00 ft	100.0 ml/min
2/2/2026 3:20 PM	30:00	5.092 pH	17.54 °C	18.28 µS/cm	6.578 mg/L	0.360 NTU	167.9 mV	26.30 ft	100.0 ml/min
2/2/2026 3:25 PM	35:00	5.123 pH	17.64 °C	18.40 µS/cm	6.615 mg/L	0.510 NTU	168.3 mV	26.60 ft	100.0 ml/min
2/2/2026 3:30 PM	40:00	5.142 pH	17.16 °C	18.44 µS/cm	6.579 mg/L	0.370 NTU	169.4 mV	26.70 ft	100.0 ml/min
2/2/2026 3:35 PM	45:00	5.053 pH	16.93 °C	18.58 µS/cm	6.426 mg/L	0.540 NTU	173.5 mV	26.80 ft	100.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/2/2026 2:00:27 PM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWA-4A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29 ft** **Total Depth: 39 ft** **Initial Depth to Water: 26.63 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 34 ft** **Estimated Total Volume Pumped: 3.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 5.64 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1425
Sunny, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/2/2026 2:00 PM	00:00	5.093 pH	17.66 °C	23.73 µS/cm	7.120 mg/L	0.490 NTU	149.9 mV	26.63 ft	150.0 ml/min
2/2/2026 2:05 PM	05:00	4.968 pH	19.44 °C	23.03 µS/cm	5.147 mg/L	0.700 NTU	156.1 mV	27.10 ft	150.0 ml/min
2/2/2026 2:10 PM	10:00	4.979 pH	19.79 °C	22.83 µS/cm	5.055 mg/L	0.430 NTU	157.3 mV	27.10 ft	150.0 ml/min
2/2/2026 2:15 PM	15:00	4.992 pH	20.11 °C	22.70 µS/cm	4.927 mg/L	0.270 NTU	156.3 mV	27.10 ft	150.0 ml/min
2/2/2026 2:20 PM	20:00	4.982 pH	19.90 °C	22.56 µS/cm	4.882 mg/L	0.310 NTU	158.7 mV	27.10 ft	150.0 ml/min
2/2/2026 2:25 PM	25:00	5.001 pH	19.83 °C	22.46 µS/cm	4.870 mg/L	0.350 NTU	158.9 mV	27.10 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/2/2026 1:13:05 PM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWA-5 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.71 ft** **Total Depth: 41.71 ft** **Initial Depth to Water: 25.48 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.64 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1338
Sunny, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/2/2026 1:13 PM	00:00	5.104 pH	17.01 °C	30.51 µS/cm	5.962 mg/L	2.310 NTU	184.6 mV	25.48 ft	200.0 ml/min
2/2/2026 1:18 PM	05:00	5.151 pH	19.84 °C	25.84 µS/cm	4.739 mg/L	2.390 NTU	159.5 mV	25.70 ft	200.0 ml/min
2/2/2026 1:23 PM	10:00	5.138 pH	19.69 °C	22.85 µS/cm	4.794 mg/L	1.240 NTU	157.5 mV	25.70 ft	200.0 ml/min
2/2/2026 1:28 PM	15:00	5.175 pH	20.14 °C	22.95 µS/cm	4.609 mg/L	1.380 NTU	156.5 mV	25.70 ft	200.0 ml/min
2/2/2026 1:33 PM	20:00	5.196 pH	20.20 °C	23.46 µS/cm	4.503 mg/L	1.110 NTU	156.4 mV	25.70 ft	200.0 ml/min
2/2/2026 1:38 PM	25:00	5.165 pH	19.63 °C	22.96 µS/cm	4.560 mg/L	1.020 NTU	158.2 mV	25.70 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/4/2026 10:08:29 AM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWC-9 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.05 ft** **Total Depth: 38.05 ft** **Initial Depth to Water: 29.8 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 33 ft** **Estimated Total Volume Pumped: 16.25 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 325 ml/min** **Final Draw Down: 9.6 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1058
Cloudy, 40s
FB-06 poured here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/4/2026 10:08 AM	00:00	5.279 pH	19.68 °C	44.59 µS/cm	5.728 mg/L	0.550 NTU	197.7 mV	29.80 ft	325.0 ml/min
2/4/2026 10:13 AM	05:00	5.298 pH	20.35 °C	44.17 µS/cm	5.529 mg/L	0.690 NTU	204.1 mV	30.60 ft	325.0 ml/min
2/4/2026 10:18 AM	10:00	5.334 pH	20.43 °C	44.29 µS/cm	5.322 mg/L	0.980 NTU	205.0 mV	30.60 ft	325.0 ml/min
2/4/2026 10:23 AM	15:00	5.334 pH	20.46 °C	45.16 µS/cm	4.955 mg/L	1.230 NTU	206.8 mV	30.60 ft	325.0 ml/min
2/4/2026 10:28 AM	20:00	5.347 pH	20.45 °C	46.13 µS/cm	4.850 mg/L	1.650 NTU	207.4 mV	30.60 ft	325.0 ml/min
2/4/2026 10:33 AM	25:00	5.311 pH	20.44 °C	45.42 µS/cm	4.870 mg/L	1.310 NTU	209.6 mV	30.60 ft	325.0 ml/min
2/4/2026 10:38 AM	30:00	5.334 pH	20.54 °C	46.46 µS/cm	4.831 mg/L	0.940 NTU	209.3 mV	30.60 ft	325.0 ml/min
2/4/2026 10:43 AM	35:00	5.338 pH	20.41 °C	46.57 µS/cm	4.833 mg/L	0.870 NTU	210.1 mV	30.60 ft	325.0 ml/min
2/4/2026 10:48 AM	40:00	5.326 pH	20.51 °C	46.98 µS/cm	4.822 mg/L	0.840 NTU	211.4 mV	30.60 ft	325.0 ml/min
2/4/2026 10:53 AM	45:00	5.332 pH	20.54 °C	46.54 µS/cm	4.808 mg/L	0.820 NTU	211.4 mV	30.60 ft	325.0 ml/min
2/4/2026 10:58 AM	50:00	5.291 pH	20.54 °C	46.75 µS/cm	4.775 mg/L	0.740 NTU	214.5 mV	30.60 ft	325.0 ml/min

Samples

Low-Flow Test Report:

Test Date / Time: 2/4/2026 8:55:03 AM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWC-10 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.16 ft** **Total Depth: 33.16 ft** **Initial Depth to Water: 25.23 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 15 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 2.04 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 0945
Cloudy, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/4/2026 8:55 AM	00:00	6.696 pH	16.99 °C	238.4 µS/cm	2.603 mg/L	2.400 NTU	199.5 mV	25.23 ft	300.0 ml/min
2/4/2026 9:00 AM	05:00	6.994 pH	19.08 °C	226.9 µS/cm	0.879 mg/L	2.270 NTU	170.8 mV	25.40 ft	300.0 ml/min
2/4/2026 9:05 AM	10:00	6.858 pH	19.23 °C	208.3 µS/cm	0.986 mg/L	1.870 NTU	168.1 mV	25.40 ft	300.0 ml/min
2/4/2026 9:10 AM	15:00	6.714 pH	19.50 °C	193.1 µS/cm	1.224 mg/L	1.230 NTU	173.3 mV	25.40 ft	300.0 ml/min
2/4/2026 9:15 AM	20:00	6.614 pH	19.70 °C	183.5 µS/cm	1.476 mg/L	0.750 NTU	165.9 mV	25.40 ft	300.0 ml/min
2/4/2026 9:20 AM	25:00	6.554 pH	19.62 °C	175.7 µS/cm	1.523 mg/L	0.550 NTU	164.8 mV	25.40 ft	300.0 ml/min
2/4/2026 9:25 AM	30:00	6.474 pH	19.73 °C	167.8 µS/cm	1.465 mg/L	0.390 NTU	166.1 mV	25.40 ft	300.0 ml/min
2/4/2026 9:30 AM	35:00	6.454 pH	19.79 °C	163.7 µS/cm	1.461 mg/L	0.310 NTU	165.4 mV	25.40 ft	300.0 ml/min
2/4/2026 9:35 AM	40:00	6.411 pH	19.73 °C	158.9 µS/cm	1.467 mg/L	0.250 NTU	166.5 mV	25.40 ft	300.0 ml/min
2/4/2026 9:40 AM	45:00	6.385 pH	19.70 °C	155.5 µS/cm	1.469 mg/L	0.340 NTU	166.9 mV	25.40 ft	300.0 ml/min
2/4/2026 9:45 AM	50:00	6.345 pH	19.77 °C	152.1 µS/cm	1.481 mg/L	0.280 NTU	168.3 mV	25.40 ft	300.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/3/2026 12:44:09 PM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWC-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.22 ft** **Total Depth: 43.22 ft** **Initial Depth to Water: 33.66 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 38 ft** **Estimated Total Volume Pumped: 19.25 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 0.48 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1354
Sunny, 60s
EB-07 poured here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 12:44 PM	00:00	6.056 pH	19.02 °C	153.1 µS/cm	4.722 mg/L	6.170 NTU	173.2 mV	33.66 ft	275.0 ml/min
2/3/2026 12:49 PM	05:00	7.094 pH	20.38 °C	164.4 µS/cm	0.868 mg/L	5.490 NTU	102.0 mV	33.70 ft	275.0 ml/min
2/3/2026 12:54 PM	10:00	6.477 pH	20.53 °C	125.0 µS/cm	1.591 mg/L	4.850 NTU	95.3 mV	33.70 ft	275.0 ml/min
2/3/2026 12:59 PM	15:00	6.397 pH	20.78 °C	114.4 µS/cm	1.926 mg/L	4.320 NTU	85.4 mV	33.70 ft	275.0 ml/min
2/3/2026 1:04 PM	20:00	6.419 pH	20.87 °C	115.0 µS/cm	1.942 mg/L	3.160 NTU	83.5 mV	33.70 ft	275.0 ml/min
2/3/2026 1:09 PM	25:00	6.364 pH	20.76 °C	115.5 µS/cm	1.817 mg/L	2.080 NTU	87.3 mV	33.70 ft	275.0 ml/min
2/3/2026 1:14 PM	30:00	6.402 pH	21.05 °C	113.7 µS/cm	1.706 mg/L	1.770 NTU	85.2 mV	33.70 ft	275.0 ml/min
2/3/2026 1:19 PM	35:00	6.251 pH	21.02 °C	109.2 µS/cm	1.836 mg/L	1.340 NTU	94.9 mV	33.70 ft	275.0 ml/min
2/3/2026 1:24 PM	40:00	6.314 pH	20.92 °C	106.7 µS/cm	1.919 mg/L	1.410 NTU	98.5 mV	33.70 ft	275.0 ml/min
2/3/2026 1:29 PM	45:00	6.320 pH	21.15 °C	102.2 µS/cm	2.079 mg/L	1.380 NTU	93.3 mV	33.70 ft	275.0 ml/min
2/3/2026 1:34 PM	50:00	6.170 pH	21.08 °C	97.19 µS/cm	2.261 mg/L	1.160 NTU	101.1 mV	33.70 ft	275.0 ml/min
2/3/2026 1:39 PM	55:00	6.226 pH	21.07 °C	94.48 µS/cm	2.392 mg/L	0.840 NTU	99.0 mV	33.70 ft	275.0 ml/min
2/3/2026 1:44 PM	01:00:00	6.184 pH	20.83 °C	91.30 µS/cm	2.460 mg/L	0.760 NTU	100.3 mV	33.70 ft	275.0 ml/min
2/3/2026 1:49 PM	01:05:00	6.109 pH	20.97 °C	88.63 µS/cm	2.578 mg/L	0.680 NTU	105.6 mV	33.70 ft	275.0 ml/min

2/3/2026 1:54 PM	01:10:00	6.157 pH	21.15 °C	87.53 µS/cm	2.633 mg/L	0.610 NTU	103.8 mV	33.70 ft	275.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/3/2026 2:15:20 PM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.1 ft** **Total Depth: 41.1 ft** **Initial Depth to Water: 27.6 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 36 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 180 ml/min** **Final Draw Down: 3.6 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1440
Sunny, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 2:15 PM	00:00	6.067 pH	20.75 °C	22.89 µS/cm	6.811 mg/L	0.600 NTU	145.8 mV	27.60 ft	180.0 ml/min
2/3/2026 2:20 PM	05:00	4.805 pH	20.54 °C	19.53 µS/cm	5.347 mg/L	1.260 NTU	182.0 mV	27.90 ft	180.0 ml/min
2/3/2026 2:25 PM	10:00	4.738 pH	20.63 °C	19.53 µS/cm	5.197 mg/L	1.530 NTU	187.7 mV	27.90 ft	180.0 ml/min
2/3/2026 2:30 PM	15:00	4.846 pH	20.56 °C	19.51 µS/cm	4.992 mg/L	1.300 NTU	183.4 mV	27.90 ft	180.0 ml/min
2/3/2026 2:35 PM	20:00	4.852 pH	20.63 °C	19.52 µS/cm	4.924 mg/L	1.160 NTU	179.3 mV	27.90 ft	180.0 ml/min
2/3/2026 2:40 PM	25:00	4.906 pH	20.50 °C	19.53 µS/cm	4.880 mg/L	0.910 NTU	175.0 mV	27.90 ft	180.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/2/2026 2:00:35 PM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWA-13 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.11 ft** **Total Depth: 40.11 ft** **Initial Depth to Water: 25.43 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 36 ft** **Estimated Total Volume Pumped: 8.3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1430, Sunny 48 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/2/2026 2:00 PM	00:00	4.635 pH	17.82 °C	44.32 µS/cm	7.360 mg/L	1.380 NTU	222.2 mV	25.43 ft	275.0 ml/min
2/2/2026 2:05 PM	05:00	4.823 pH	19.47 °C	25.60 µS/cm	6.742 mg/L	1.960 NTU	172.2 mV	25.44 ft	275.0 ml/min
2/2/2026 2:10 PM	10:00	4.867 pH	20.10 °C	18.03 µS/cm	6.500 mg/L	1.450 NTU	161.8 mV	25.44 ft	275.0 ml/min
2/2/2026 2:15 PM	15:00	4.862 pH	20.12 °C	18.50 µS/cm	6.166 mg/L	0.570 NTU	173.4 mV	25.44 ft	275.0 ml/min
2/2/2026 2:20 PM	20:00	4.804 pH	19.72 °C	19.57 µS/cm	5.931 mg/L	0.400 NTU	176.6 mV	25.44 ft	275.0 ml/min
2/2/2026 2:25 PM	25:00	4.706 pH	20.03 °C	20.30 µS/cm	5.671 mg/L	0.500 NTU	187.7 mV	25.44 ft	275.0 ml/min
2/2/2026 2:30 PM	30:00	4.729 pH	19.93 °C	20.54 µS/cm	5.548 mg/L	0.300 NTU	187.0 mV	25.44 ft	275.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/2/2026 3:15:05 PM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWA-14 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.9 ft** **Total Depth: 49.9 ft** **Initial Depth to Water: 26.08 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.5 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1540, Sunny 49 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/2/2026 3:15 PM	00:00	4.851 pH	18.92 °C	20.27 µS/cm	7.279 mg/L	0.940 NTU	195.2 mV	26.08 ft	120.0 ml/min
2/2/2026 3:20 PM	05:00	4.870 pH	18.21 °C	19.92 µS/cm	7.161 mg/L	0.870 NTU	197.2 mV	26.58 ft	120.0 ml/min
2/2/2026 3:25 PM	10:00	4.890 pH	18.65 °C	19.96 µS/cm	7.119 mg/L	1.510 NTU	198.9 mV	26.58 ft	120.0 ml/min
2/2/2026 3:30 PM	15:00	4.937 pH	18.78 °C	19.90 µS/cm	7.004 mg/L	1.370 NTU	198.3 mV	26.58 ft	120.0 ml/min
2/2/2026 3:35 PM	20:00	4.908 pH	18.27 °C	19.82 µS/cm	7.043 mg/L	1.540 NTU	202.8 mV	26.58 ft	120.0 ml/min
2/2/2026 3:40 PM	25:00	4.907 pH	18.63 °C	19.93 µS/cm	7.026 mg/L	0.760 NTU	205.6 mV	26.58 ft	120.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/3/2026 9:20:04 AM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWA-15 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.3 ft** **Total Depth: 40.3 ft** **Initial Depth to Water: 22.64 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 6.3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.34 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 0945, Sunny 45 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 9:20 AM	00:00	4.646 pH	15.96 °C	41.03 µS/cm	7.118 mg/L	3.010 NTU	221.8 mV	22.64 ft	250.0 ml/min
2/3/2026 9:25 AM	05:00	4.838 pH	18.24 °C	22.90 µS/cm	6.587 mg/L	3.300 NTU	185.3 mV	22.96 ft	250.0 ml/min
2/3/2026 9:30 AM	10:00	4.815 pH	18.91 °C	20.60 µS/cm	6.470 mg/L	1.600 NTU	181.4 mV	22.98 ft	250.0 ml/min
2/3/2026 9:35 AM	15:00	4.811 pH	19.37 °C	20.38 µS/cm	6.446 mg/L	0.660 NTU	175.1 mV	22.98 ft	250.0 ml/min
2/3/2026 9:40 AM	20:00	4.808 pH	19.50 °C	20.14 µS/cm	6.426 mg/L	0.380 NTU	173.9 mV	22.98 ft	250.0 ml/min
2/3/2026 9:45 AM	25:00	4.786 pH	19.57 °C	20.03 µS/cm	6.405 mg/L	0.310 NTU	177.8 mV	22.98 ft	250.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/3/2026 10:20:05 AM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWA-16 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.27 ft** **Total Depth: 40.27 ft** **Initial Depth to Water: 24.77 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.39 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1045, Sunny 52 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 10:20 AM	00:00	4.847 pH	19.07 °C	18.85 µS/cm	7.345 mg/L	3.180 NTU	150.8 mV	24.77 ft	200.0 ml/min
2/3/2026 10:25 AM	05:00	4.818 pH	19.95 °C	18.69 µS/cm	7.125 mg/L	2.840 NTU	155.4 mV	25.13 ft	200.0 ml/min
2/3/2026 10:30 AM	10:00	4.838 pH	19.91 °C	18.69 µS/cm	7.075 mg/L	2.790 NTU	159.6 mV	25.15 ft	200.0 ml/min
2/3/2026 10:35 AM	15:00	4.840 pH	19.90 °C	18.80 µS/cm	7.045 mg/L	3.650 NTU	165.4 mV	25.16 ft	200.0 ml/min
2/3/2026 10:40 AM	20:00	4.829 pH	20.06 °C	18.73 µS/cm	7.018 mg/L	3.220 NTU	171.2 mV	25.16 ft	200.0 ml/min
2/3/2026 10:45 AM	25:00	4.819 pH	20.17 °C	18.71 µS/cm	7.001 mg/L	2.060 NTU	175.9 mV	25.16 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/3/2026 11:25:18 AM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWC-17 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.05 ft** **Total Depth: 40.05 ft** **Initial Depth to Water: 27.71 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 4.4 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 0.41 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1150, Sunny 59 degrees, FD-03 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 11:25 AM	00:00	4.870 pH	18.72 °C	26.89 µS/cm	6.316 mg/L	0.430 NTU	202.0 mV	27.71 ft	175.0 ml/min
2/3/2026 11:30 AM	05:00	4.966 pH	18.76 °C	26.72 µS/cm	6.255 mg/L	0.390 NTU	199.5 mV	28.10 ft	175.0 ml/min
2/3/2026 11:35 AM	10:00	4.989 pH	18.75 °C	26.70 µS/cm	6.223 mg/L	0.740 NTU	199.6 mV	28.10 ft	175.0 ml/min
2/3/2026 11:40 AM	15:00	5.007 pH	18.88 °C	26.69 µS/cm	6.166 mg/L	0.450 NTU	200.7 mV	28.12 ft	175.0 ml/min
2/3/2026 11:45 AM	20:00	5.036 pH	18.84 °C	26.79 µS/cm	6.183 mg/L	0.480 NTU	201.1 mV	28.12 ft	175.0 ml/min
2/3/2026 11:50 AM	25:00	5.031 pH	18.95 °C	26.86 µS/cm	6.156 mg/L	0.660 NTU	203.4 mV	28.12 ft	175.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/3/2026 10:21:21 AM
Project: Plant McIntosh LF4
Operator Name: J. May

Location Name: GWC-18 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.2 ft** **Total Depth: 42.2 ft** **Initial Depth to Water: 36.02 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 26 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 18.96 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1156
Sunny, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 10:21 AM	00:00	6.276 pH	16.37 °C	52.74 µS/cm	8.257 mg/L	6.100 NTU	140.4 mV	36.02 ft	300.0 ml/min
2/3/2026 10:26 AM	05:00	6.133 pH	19.17 °C	54.92 µS/cm	7.882 mg/L	6.510 NTU	139.9 mV	36.80 ft	300.0 ml/min
2/3/2026 10:31 AM	10:00	6.175 pH	19.39 °C	55.53 µS/cm	7.629 mg/L	5.980 NTU	134.9 mV	37.00 ft	300.0 ml/min
2/3/2026 10:36 AM	15:00	6.139 pH	19.45 °C	56.87 µS/cm	7.275 mg/L	5.550 NTU	137.2 mV	37.10 ft	300.0 ml/min
2/3/2026 10:41 AM	20:00	6.153 pH	19.50 °C	59.24 µS/cm	7.094 mg/L	5.260 NTU	140.4 mV	37.20 ft	300.0 ml/min
2/3/2026 10:46 AM	25:00	6.198 pH	19.55 °C	61.94 µS/cm	6.851 mg/L	4.880 NTU	136.7 mV	37.30 ft	300.0 ml/min
2/3/2026 10:51 AM	30:00	6.196 pH	19.59 °C	65.86 µS/cm	6.668 mg/L	4.600 NTU	137.7 mV	37.40 ft	300.0 ml/min
2/3/2026 10:56 AM	35:00	6.245 pH	19.65 °C	67.91 µS/cm	6.578 mg/L	5.140 NTU	135.9 mV	37.50 ft	300.0 ml/min
2/3/2026 11:01 AM	40:00	6.299 pH	19.74 °C	70.71 µS/cm	6.480 mg/L	5.880 NTU	134.3 mV	37.60 ft	300.0 ml/min
2/3/2026 11:06 AM	45:00	6.266 pH	19.64 °C	73.49 µS/cm	6.481 mg/L	6.600 NTU	137.6 mV	37.60 ft	250.0 ml/min
2/3/2026 11:11 AM	50:00	6.336 pH	19.79 °C	75.63 µS/cm	6.372 mg/L	7.410 NTU	133.9 mV	37.60 ft	250.0 ml/min
2/3/2026 11:16 AM	55:00	6.368 pH	19.98 °C	77.26 µS/cm	6.398 mg/L	7.740 NTU	132.6 mV	37.60 ft	250.0 ml/min
2/3/2026 11:21 AM	01:00:00	6.355 pH	20.07 °C	78.97 µS/cm	6.277 mg/L	8.000 NTU	133.9 mV	37.60 ft	250.0 ml/min
2/3/2026 11:26 AM	01:05:00	6.394 pH	20.15 °C	80.32 µS/cm	6.300 mg/L	7.890 NTU	132.4 mV	37.60 ft	250.0 ml/min

2/3/2026 11:31 AM	01:10:00	6.327 pH	19.98 °C	80.62 µS/cm	6.287 mg/L	7.770 NTU	136.6 mV	37.60 ft	250.0 ml/min
2/3/2026 11:36 AM	01:15:00	6.348 pH	20.10 °C	81.47 µS/cm	6.322 mg/L	7.350 NTU	136.2 mV	37.60 ft	250.0 ml/min
2/3/2026 11:41 AM	01:20:00	6.384 pH	20.03 °C	81.43 µS/cm	6.276 mg/L	7.060 NTU	134.1 mV	37.60 ft	250.0 ml/min
2/3/2026 11:46 AM	01:25:00	6.284 pH	19.92 °C	82.47 µS/cm	6.227 mg/L	6.070 NTU	140.2 mV	37.60 ft	250.0 ml/min
2/3/2026 11:51 AM	01:30:00	6.375 pH	20.02 °C	83.09 µS/cm	6.196 mg/L	5.090 NTU	135.3 mV	37.60 ft	250.0 ml/min
2/3/2026 11:56 AM	01:35:00	6.378 pH	19.91 °C	82.89 µS/cm	6.165 mg/L	4.240 NTU	135.8 mV	37.60 ft	250.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/3/2026 1:05:09 PM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWC-19 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.95 ft** **Total Depth: 36.95 ft** **Initial Depth to Water: 29.99 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 14 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1425, Sunny 64 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 1:05 PM	00:00	5.479 pH	19.54 °C	61.62 µS/cm	4.328 mg/L	1.500 NTU	188.0 mV	29.99 ft	175.0 ml/min
2/3/2026 1:10 PM	05:00	5.509 pH	20.01 °C	49.52 µS/cm	4.239 mg/L	0.490 NTU	171.3 mV	30.12 ft	175.0 ml/min
2/3/2026 1:15 PM	10:00	5.474 pH	20.46 °C	48.63 µS/cm	4.115 mg/L	0.530 NTU	170.7 mV	30.12 ft	175.0 ml/min
2/3/2026 1:20 PM	15:00	5.473 pH	20.86 °C	48.40 µS/cm	4.069 mg/L	0.490 NTU	167.3 mV	30.12 ft	175.0 ml/min
2/3/2026 1:25 PM	20:00	5.483 pH	20.77 °C	48.09 µS/cm	4.055 mg/L	0.440 NTU	167.0 mV	30.12 ft	175.0 ml/min
2/3/2026 1:30 PM	25:00	5.487 pH	20.82 °C	48.04 µS/cm	4.058 mg/L	0.390 NTU	167.3 mV	30.12 ft	175.0 ml/min
2/3/2026 1:35 PM	30:00	5.483 pH	20.80 °C	47.91 µS/cm	4.052 mg/L	0.410 NTU	165.6 mV	30.13 ft	175.0 ml/min
2/3/2026 1:40 PM	35:00	5.445 pH	20.78 °C	48.11 µS/cm	4.055 mg/L	0.470 NTU	168.7 mV	30.13 ft	175.0 ml/min
2/3/2026 1:45 PM	40:00	5.452 pH	20.60 °C	48.16 µS/cm	4.064 mg/L	0.350 NTU	170.3 mV	30.13 ft	175.0 ml/min
2/3/2026 1:50 PM	45:00	5.451 pH	20.58 °C	47.95 µS/cm	4.043 mg/L	0.400 NTU	169.9 mV	30.13 ft	175.0 ml/min
2/3/2026 1:55 PM	50:00	5.437 pH	20.57 °C	48.09 µS/cm	4.030 mg/L	0.420 NTU	171.7 mV	30.13 ft	175.0 ml/min
2/3/2026 2:00 PM	55:00	5.421 pH	20.54 °C	48.01 µS/cm	4.031 mg/L	0.290 NTU	171.7 mV	30.13 ft	175.0 ml/min
2/3/2026 2:05 PM	01:00:00	5.429 pH	20.52 °C	48.10 µS/cm	4.042 mg/L	0.350 NTU	171.9 mV	30.13 ft	175.0 ml/min
2/3/2026 2:10 PM	01:05:00	5.431 pH	20.54 °C	48.13 µS/cm	4.018 mg/L	0.410 NTU	173.2 mV	30.13 ft	175.0 ml/min
2/3/2026 2:15 PM	01:10:00	5.430 pH	20.49 °C	48.03 µS/cm	4.044 mg/L	0.380 NTU	174.6 mV	30.13 ft	175.0 ml/min

2/3/2026 2:20 PM	01:15:00	5.420 pH	20.50 °C	47.81 µS/cm	4.042 mg/L	0.430 NTU	176.4 mV	30.13 ft	175.0 ml/min
2/3/2026 2:25 PM	01:20:00	5.429 pH	20.49 °C	48.05 µS/cm	4.050 mg/L	0.500 NTU	177.0 mV	30.13 ft	175.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/3/2026 3:10:04 PM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWC-20 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 20.13 ft** **Total Depth: 30.13 ft** **Initial Depth to Water: 23.48 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 25 ft** **Estimated Total Volume Pumped: 13.8 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1600, Sunny 63 degrees, FB-05 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/3/2026 3:10 PM	00:00	4.655 pH	20.55 °C	34.08 µS/cm	4.450 mg/L	2.960 NTU	190.6 mV	23.48 ft	275.0 ml/min
2/3/2026 3:15 PM	05:00	4.685 pH	20.63 °C	33.47 µS/cm	4.203 mg/L	3.640 NTU	193.9 mV	23.55 ft	275.0 ml/min
2/3/2026 3:20 PM	10:00	4.737 pH	20.64 °C	33.21 µS/cm	4.165 mg/L	1.750 NTU	195.8 mV	23.55 ft	275.0 ml/min
2/3/2026 3:25 PM	15:00	4.760 pH	20.69 °C	32.74 µS/cm	4.130 mg/L	1.120 NTU	198.9 mV	23.55 ft	275.0 ml/min
2/3/2026 3:30 PM	20:00	4.725 pH	20.64 °C	33.09 µS/cm	4.053 mg/L	0.740 NTU	203.2 mV	23.55 ft	275.0 ml/min
2/3/2026 3:35 PM	25:00	4.739 pH	20.66 °C	33.08 µS/cm	4.075 mg/L	0.510 NTU	205.9 mV	23.55 ft	275.0 ml/min
2/3/2026 3:40 PM	30:00	4.724 pH	20.65 °C	32.94 µS/cm	4.027 mg/L	0.420 NTU	209.0 mV	23.55 ft	275.0 ml/min
2/3/2026 3:45 PM	35:00	4.732 pH	20.63 °C	33.16 µS/cm	4.029 mg/L	0.400 NTU	211.4 mV	23.55 ft	275.0 ml/min
2/3/2026 3:50 PM	40:00	4.716 pH	20.56 °C	33.16 µS/cm	4.037 mg/L	0.350 NTU	214.7 mV	23.55 ft	275.0 ml/min
2/3/2026 3:55 PM	45:00	4.687 pH	20.51 °C	33.12 µS/cm	4.034 mg/L	0.280 NTU	218.5 mV	23.55 ft	275.0 ml/min
2/3/2026 4:00 PM	50:00	4.718 pH	20.55 °C	33.27 µS/cm	4.014 mg/L	0.270 NTU	218.4 mV	23.55 ft	275.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/4/2026 9:10:04 AM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWC-21 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.16 ft** **Total Depth: 27.16 ft** **Initial Depth to Water: 21.59 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 24 ft** **Estimated Total Volume Pumped: 12.4 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 0.72 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1005, cloudy 51 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/4/2026 9:10 AM	00:00	4.625 pH	18.46 °C	39.91 µS/cm	3.089 mg/L	1.850 NTU	207.4 mV	21.59 ft	225.0 ml/min
2/4/2026 9:15 AM	05:00	4.738 pH	19.14 °C	34.31 µS/cm	2.694 mg/L	6.560 NTU	188.7 mV	22.24 ft	225.0 ml/min
2/4/2026 9:20 AM	10:00	4.739 pH	19.33 °C	34.11 µS/cm	2.437 mg/L	4.200 NTU	183.2 mV	22.29 ft	225.0 ml/min
2/4/2026 9:25 AM	15:00	4.737 pH	19.48 °C	33.97 µS/cm	2.304 mg/L	2.530 NTU	178.8 mV	22.29 ft	225.0 ml/min
2/4/2026 9:30 AM	20:00	4.721 pH	19.68 °C	34.02 µS/cm	2.198 mg/L	1.920 NTU	181.2 mV	22.29 ft	225.0 ml/min
2/4/2026 9:35 AM	25:00	4.721 pH	19.58 °C	33.78 µS/cm	2.188 mg/L	1.100 NTU	180.5 mV	22.30 ft	225.0 ml/min
2/4/2026 9:40 AM	30:00	4.707 pH	19.53 °C	33.78 µS/cm	2.175 mg/L	0.780 NTU	178.4 mV	22.30 ft	225.0 ml/min
2/4/2026 9:45 AM	35:00	4.688 pH	19.58 °C	33.80 µS/cm	2.145 mg/L	0.600 NTU	181.5 mV	22.30 ft	225.0 ml/min
2/4/2026 9:50 AM	40:00	4.691 pH	19.53 °C	33.58 µS/cm	2.137 mg/L	0.430 NTU	181.2 mV	22.31 ft	225.0 ml/min
2/4/2026 9:55 AM	45:00	4.674 pH	19.52 °C	33.75 µS/cm	2.124 mg/L	0.350 NTU	182.1 mV	22.31 ft	225.0 ml/min
2/4/2026 10:00 AM	50:00	4.679 pH	19.73 °C	33.66 µS/cm	2.124 mg/L	0.260 NTU	183.0 mV	22.31 ft	225.0 ml/min
2/4/2026 10:05 AM	55:00	4.678 pH	19.63 °C	33.79 µS/cm	2.109 mg/L	0.310 NTU	184.6 mV	22.31 ft	225.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/4/2026 10:45:06 AM
Project: Plant McIntosh LF4
Operator Name: C.Klamke

Location Name: GWC-23 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.7 ft** **Total Depth: 33.7 ft** **Initial Depth to Water: 29.32 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 32 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.26 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1145, cloudy 55 degrees, EB-08 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/4/2026 10:45 AM	00:00	5.207 pH	17.48 °C	32.61 µS/cm	2.310 mg/L	0.840 NTU	165.3 mV	29.32 ft	150.0 ml/min
2/4/2026 10:50 AM	05:00	4.980 pH	18.21 °C	29.22 µS/cm	3.580 mg/L	0.510 NTU	163.4 mV	29.94 ft	150.0 ml/min
2/4/2026 10:55 AM	10:00	4.978 pH	18.34 °C	29.00 µS/cm	3.937 mg/L	0.970 NTU	163.8 mV	30.12 ft	150.0 ml/min
2/4/2026 11:00 AM	15:00	4.970 pH	18.19 °C	28.54 µS/cm	4.198 mg/L	0.850 NTU	163.9 mV	30.21 ft	150.0 ml/min
2/4/2026 11:05 AM	20:00	4.926 pH	18.47 °C	27.58 µS/cm	4.603 mg/L	0.920 NTU	164.7 mV	30.31 ft	150.0 ml/min
2/4/2026 11:10 AM	25:00	4.928 pH	18.37 °C	27.37 µS/cm	4.737 mg/L	1.510 NTU	165.9 mV	30.37 ft	150.0 ml/min
2/4/2026 11:15 AM	30:00	4.933 pH	18.44 °C	27.81 µS/cm	4.426 mg/L	1.360 NTU	167.5 mV	30.42 ft	150.0 ml/min
2/4/2026 11:20 AM	35:00	4.938 pH	18.49 °C	27.88 µS/cm	4.387 mg/L	0.670 NTU	168.4 mV	30.47 ft	150.0 ml/min
2/4/2026 11:25 AM	40:00	4.921 pH	18.49 °C	27.78 µS/cm	4.353 mg/L	0.780 NTU	170.1 mV	30.50 ft	150.0 ml/min
2/4/2026 11:30 AM	45:00	4.949 pH	18.49 °C	27.66 µS/cm	4.412 mg/L	0.590 NTU	169.4 mV	30.52 ft	150.0 ml/min
2/4/2026 11:35 AM	50:00	4.944 pH	18.50 °C	27.57 µS/cm	4.424 mg/L	0.430 NTU	170.2 mV	30.55 ft	150.0 ml/min
2/4/2026 11:40 AM	55:00	4.955 pH	18.55 °C	27.40 µS/cm	4.502 mg/L	0.370 NTU	170.3 mV	30.57 ft	150.0 ml/min
2/4/2026 11:45 AM	01:00:00	4.943 pH	18.62 °C	27.37 µS/cm	4.558 mg/L	0.490 NTU	171.0 mV	30.58 ft	150.0 ml/min

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant McIntosh LF4 Date: 02-02-26

Calibrated By: J. May Field Conditions: Sunny, 40s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183974
Turbidity Meter	Hach 2100Q	21030C00601

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration

Time Start: 1205 Time Finish: 1220

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	15.78	± 10%	EPA 2023
pH (SU)	4.00	4.00	8.403	± 0.1	GWMP
pH (SU)	7.00	7.06	7.488	± 0.1	GWMP
pH (SU)	10.00	10.14	8.053	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	7.800	± 10% of standard	NA
ORP (mV)	~~240.0~~ 231.6	245.7	7797	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.31	± 10% of standard	EPA 2023
	10	10.4		
	20	20.2		
	100	102		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0		± 10% of standard	EPA 2023
	10			
	20			
	100			

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant McIntosh LF4 Date: 02-03-26

Calibrated By: J. May Field Conditions: Sunny, 30s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua TrollSo	1183974
Turbidity Meter	Hach 2100Q	21030D000401

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5G10631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration					
Time Start: 0825		Time Finish: 0845			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	2.340	± 10%	EPA 2023
pH (SU)	4.00	4.00	2.114	± 0.1	GWMP
pH (SU)	7.00	7.06	2.087	± 0.1	GWMP
pH (SU)	10.00	10.14	2.066	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	2.252	± 10% of standard	NA
ORP (mV)	~~240.0~~ 258.9	259.1	2.243	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	10.5		
	20	20.2		
	100	102		

Calibration Check					
Time Start 1230		Time Finish 1235			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	10.46	± 0.1	GWMP
pH (SU)	7.00	7.06	9.775	± 0.1	GWMP
pH (SU)	10.00	10.14	10.17	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	9.097	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.28	± 10% of standard	EPA 2023
	10	10.2		
	20	19.9		
	100	100		

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Plant McIntosh LF4 Date: 02-04-26

Calibrated By: J. May Field Conditions: Cloudy, 40s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 500	1183974
Turbidity Meter	Hach 2100 Q	21030044001

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration					
Time Start: 0820		Time Finish: 0840			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	10.44	± 10%	EPA 2023
pH (SU)	4.00	4.00	9.890	± 0.1	GWMP
pH (SU)	7.00	7.06	9.805	± 0.1	GWMP
pH (SU)	10.00	10.14	9.888	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	9.824	± 10% of standard	NA
ORP (mV)	~~240.0~~ 248.9	247.6	9.870	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.31	± 10% of standard	EPA 2023
	10	10.8		
	20	20.2		
	100	101		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0		± 10% of standard	EPA 2023
	10			
	20			
	100			

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Plant McIntosh LF4 Date: 2/2/26

Calibrated By: C. Hlavka Field Conditions: Sunny 40°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aquaread/500	1235093
Turbidity Meter	Hach/2100Q	23100000 373

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GA0869	1/27	PINE
pH (SU)	7.00	5G150631	1/27	PINE
pH (SU)	10.00	5GA0867	1/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	9/26	PINE
ORP (mV)	240.0	5GE0371	6/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	5/26	HACH
	20	Af309	2/26	HACH
	100	Af306	2/26	HACH

Calibration					
Time Start: 1230 **Time Finish:** 1300					
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	9.50	± 10%	EPA 2023
pH (SU)	4.00	4.00	4.36	± 0.1	GWMP
pH (SU)	7.00	7.06	6.25	± 0.1	GWMP
pH (SU)	10.00	10.14	3.99	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	3.66	± 10% of standard	NA
ORP (mV)	240.0	257.7	3.13	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.28	± 10% of standard	EPA 2023
	10	9.90		
	20	19.9		
	100	101		

Calibration Check					
Time Start **Time Finish**					
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0		± 10% of standard	EPA 2023
	10			
	20			
	100			

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant McIntosh LF4 Date: 2/3/26

Calibrated By: C. Klamkl Field Conditions: Sunny, 37°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aquatroll 500	1235093
Turbidity Meter	Hach/2100Q	23100000 373

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GA0869	1/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5GA0867	1/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	9/26	PINE
ORP (mV)	240.0	5GI0371	6/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5092	5/26	HACH
	20	A4309	2/26	HACH
	100	A4306	2/26	HACH

Calibration					
Time Start: 0830		**Time Finish:** 0855			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	5.21	± 10%	EPA 2023
pH (SU)	4.00	4.00	3.04	± 0.1	GWMP
pH (SU)	7.00	7.06	2.69	± 0.1	GWMP
pH (SU)	10.00	10.14	2.52	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	2.55	± 10% of standard	NA
ORP (mV)	240.0	258.8	2.30	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.49	± 10% of standard	EPA 2023
	10	9.90		
	20	19.6		
	100	102		

Calibration Check					
Time Start 1215		**Time Finish** 1225			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.02	15.39	± 0.1	GWMP
pH (SU)	7.00	7.04	14.17	± 0.1	GWMP
pH (SU)	10.00	10.00	14.68	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1390	14.14	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.32	± 10% of standard	EPA 2023
	10	9.90		
	20	20.0		
	100	99.6		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant McIntosh LF4 Date: 2/4/26

Calibrated By: C. Klampe Field Conditions: Cloudy, 52°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aquaTroll 500	1235093
Turbidity Meter	Hach 2100Q	23100003 73

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GA0869	1127	PINE
pH (SU)	7.00	5GK0631	11127	PINE
pH (SU)	10.00	5GA0867	1127	PINE
Specific Conductance (µS/cm)	1,413	5G10959	9126	PINE
ORP (mV)	240.0	5GE0371	6126	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5092	5126	HACH
	20	A4039	2126	HACH
	100	A4306	2126	HACH

Calibration					
Time Start: 0825		**Time Finish:** 0845			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	10.56	± 10%	EPA 2023
pH (SU)	4.00	4.00	10.46	± 0.1	GWMP
pH (SU)	7.00	7.06	10.33	± 0.1	GWMP
pH (SU)	10.00	10.14	10.38	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	10.23	± 10% of standard	NA
ORP (mV)	240.0	248.2	10.34	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.28	± 10% of standard	EPA 2023
	10	9.85		
	20	20.3		
	100	101.0		

Calibration Check					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0		± 10% of standard	EPA 2023
	10			
	20			
	100			

Well Inspection

Site Name: Plant Mcintosh LF4

Date: 2/2/2026

Permit Number: 051-010D(CCR)

Field Conditions: Clear, Cold

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWC-1	Yes	Yes	No	Yes
GWA-2	Yes	Yes	No	Yes
GWA-3	Yes	Yes	No	Yes
GWA-4A	Yes	Yes	No	Yes
GWA-5	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-11	Yes	Yes	No	Yes
GWC-12	Yes	Yes	No	Yes
GWA-13	Yes	Yes	No	Yes
GWA-14	Yes	Yes	No	Yes
GWA-15	Yes	Yes	No	Yes
GWA-16	Yes	Yes	No	Yes
GWC-17	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWC-21	Yes	Yes	No	Yes
PZ-22	Yes	Yes	No	Yes
GWC-23	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Mcintosh LF4 Date: 2/2/2026

Permit Number: 051-010D(CCR) Field Conditions: Clear, Cold

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

Well Inspection

Site Name: Plant Mcintosh LF4 Date: 2/2/2026

Permit Number: 051-010D(CCR) Field Conditions: Clear, Cold

	Surface Pad			Internal Casing		
Well ID:	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWC-1	Yes	Yes	Yes	Yes	Yes	Yes
GWA-2	Yes	Yes	Yes	Yes	Yes	Yes
GWA-3	Yes	Yes	Yes	Yes	Yes	Yes
GWA-4A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWA-13	Yes	Yes	Yes	Yes	Yes	Yes
GWA-14	Yes	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes	Yes
GWC-17	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWC-21	Yes	Yes	Yes	Yes	Yes	Yes
PZ-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-23	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mcintosh LF4 Date: 2/2/2026

Permit Number: 051-010D(CCR) Field Conditions: Clear, Cold

Well ID:	Corrective actions as needed, by date:
GWC-1	
GWA-2	
GWA-3	
GWA-4A	
GWA-5	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWA-13	
GWA-14	
GWA-15	
GWA-16	
GWC-17	
GWC-18	
GWC-19	3/27/2026 - Repaired well pad undercutting. Filled in gap beneath pad.
GWC-20	
GWC-21	
PZ-22	3/27/2026 - Repaired well pad undercutting. Filled in gap beneath pad.
GWC-23	

ATLANTIC COAST CONSULTING, INC.

A solid approach for a cleaner environment.

Memorandum

To:	Kevin Stephenson – Southern Company Services
From:	Atlantic Coast Consulting, Inc.
Date	June 12, 2026
Subject:	Plant McIntosh Landfill No. 4 – Well Maintenance and Repair Documentation, Georgia Power Company

Atlantic Coast Consulting, Inc. (ACC) has prepared this memorandum to provide documentation of any groundwater monitoring well maintenance and/or repairs performed at Plant McIntosh Landfill No. 4 during the February 2026 Semiannual Groundwater Monitoring reporting period. All repairs and maintenance are documented as completed in accordance with the Georgia Environmental Protection Division's guidance on routine visual inspections of groundwater monitoring wells.

On March 27-28, 2026, Southern Company Civil Field Services injected expandable foam grout below and added crusher around the well pad to stabilize the well pads for GWC-19 and PZ-22. No other repairs or well maintenance were necessary during the reporting period.

Southern Company CFS
Plant McIntosh March 2026 Well O&M (March 27 & 28)

Landfill 3 GWA-1B – Added sand and crusher run to low spots around pad.





Landfill 3 PZ-4 – Filled in the drainage swale with sand and clay on top. Added crusher run over clay.





Landfill 4 GWC-19 – Drilled holes in the pad, injected the cavities below the pad with expandable foam grout. Added crusher run around pad.





Southern Company

Southern Company CFS
Plant McIntosh March 2026 Well O&M (March 27 & 28)

Landfill 4 PZ-22 - Drilled holes in the pad, injected the cavities below the pad with expandable foam grout. Added crusher run around pad.





Southern Company

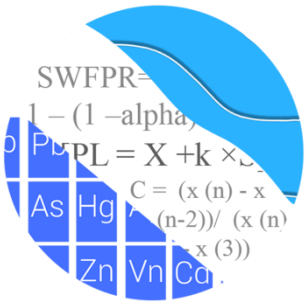
APPENDIX B
STATISTICAL ANALYSIS REPORTS

APPENDIX B

Statistical Analysis Reports
February 2026 Monitoring Event

GROUNDWATER STATS CONSULTING

August 31, 2026



Southern Company Services
Attn: Mr. Kevin Stephenson
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308

Re: Plant McIntosh Landfill #4
February 2026 Sample Event Statistical Background Update & Analysis

Dear Mr. Stephenson,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and statistical analysis of the February 2026 Semi-Annual Groundwater Detection Monitoring sample event for Georgia Power Company's McIntosh Landfill #4. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals (CCR) from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10, and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the CCR program in 2016, and for the Georgia EPD's Solid Waste Permit as early as 2006 for some wells. At least 8 background samples have been collected at each of the groundwater monitoring wells. Semi-annual sampling for select constituents has been performed for several years in accordance with the Georgia Department of Natural Resources, EPD groundwater monitoring regulations; and all available data are evaluated in this report.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient:** GWA-2, GWA-3, GWA-4A, GWA-5, GWA-13, GWA-14, GWA-15, GWA-16, GWC-17, and GWC-18

- **Downgradient**: GWC-1, GWC-9, GWC-10, GWC-11, GWC-12, GWC-19, GWC-20, GWC-21, and GWC-23

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The following constituents were evaluated:

- **CCR Appendix III -** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I -** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, thallium, vanadium, and zinc

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A list of Appendix I well/constituent pairs containing 100% non-detects follows this letter.

Due to varying detection limits in background data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair which can result in a different reporting limit for individual wells. This substitution method generally gives the most conservative limit in each case. In the case of cobalt, which has elevated historic reporting limits, the most recent reporting limit of 0.005 mg/L was substituted across all wells.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

Data at all wells were evaluated during the background screening in 2019 for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site

characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the screening to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (all Georgia EPD parameters)
- # Constituents: 15
- # Downgradient wells: 9

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (sulfate)
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, and TDS)
- # Constituents: 7
- # Downgradient wells: 9

Summary of Statistical Methods – All Constituents

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric prediction limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after screening for any new outliers. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points is available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data may be deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified

Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than a facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to provide reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than facility impact.

Background Screening Summary – Georgia EPD Appendix I Constituents – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters are formally tested using Tukey's box plot method

and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits.

Using the Tukey box plot method, several outliers were identified. When the most recent values are identified as outliers, values are often not flagged in the database at that time (except in cases where the measurements would cause background limits to be elevated) as the concentrations may represent a possible trend. If future values do not remain at similar concentrations, these values may be flagged as outliers and deselected. Several low values exist in the data sets and appear on the graphs as possible low outliers relative to the laboratory's Practical Quantitation Limit. However, these values are observed trace values (i.e., measurements reported by the laboratory between the Method Detection Limit and the Practical Quantitation Limit) and, therefore, were not flagged as outliers. Due to changing reporting limits for many constituents, when the non-detects are replaced with the most recent reporting limit, previously flagged "J" values (or estimated values) may require flagging as outliers if the measurements are much higher than current reporting limits. This was not required during the 2019 screening.

Of the outliers identified by Tukey's method, several values were flagged in the database. The remaining values were similar to other measurements within a given well, neighboring wells, or were reported non-detects. Several other values were flagged in addition to those identified by Tukey's because the values were higher than all remaining concentrations and would cause the statistical limits to be elevated. All flagged values were re-evaluated during the June 2020 analysis. An additional value of cobalt was flagged in well GWC-21. Values for several constituents were unflagged when the measurements were only slightly higher than other detected values and appeared to represent spatial variation. The resulting prediction limits will still be conservative, yet less prone to false positives.

Additionally, when any values are flagged in the database as outliers, the measurements are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages display the flagged value in a lighter font as well. A substitution of the most recent reporting limit is applied when varying detection limits exist in the data.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits

will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Tests

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and reduce variation in background. When statistically significant trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and are deselected as necessary. A few statistically significant increasing trends were noted for barium in wells GWA-2, GWC-1, and GWA-5 (formerly GWB-5) and the records were truncated to eliminate the influence of the trend. The trend test results were included with the screening report, and a summary report of special cases of date ranges used in construction of the statistical limits follows this report.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells are not representative of the current background data population; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified significant differences among upgradient well data for: arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, nickel, and thallium. No significant differences were noted for antimony, lead, selenium, vanadium, and zinc. The ANOVA could not test silver as there was no variation in the measurements among the upgradient wells.

Where variation is not identified, this suggests that interwell analysis would be the most appropriate statistical method for these constituents. However, because this is a lined landfill with pre-waste data showing that metals occur in low level concentrations, intrawell methods are recommended as the primary statistical method for all detected well/constituent pairs.

Appendix I and Appendix III Background Update Summary – Conducted in Spring 2026

Statistical limits for Appendix I and III parameters were formally updated during this analysis. All proposed background data were screened as described below for outliers and trends. Additionally, compliance data were evaluated to determine eligibility for updating background limits for constituents tested with intrawell prediction limits. The previous formal background updated was conducted in 2024, and a summary of the update was submitted at that time.

Outlier Testing

Prior to updating prediction limits during the February 2026 analysis, Tukey's outlier test and visual screening were used to re-evaluate data through August 2025 at all wells for parameters using intrawell prediction limits (all Appendix I parameters and sulfate for Appendix III parameters) and through February 2026 at all upgradient wells for parameters utilizing interwell prediction limits (boron, calcium, chloride, fluoride, pH, and TDS).

Tukey's outlier test for Appendix I and III parameters using intrawell prediction limits identified outliers for barium, chromium, lead, nickel, sulfate, vanadium, and zinc; Visual screening and Tukey's test confirmed previously flagged values and identified potential outliers. Among potential outliers identified by Tukey's outlier test, the highest observations for barium at upgradient wells GWA-13 and GWA-14 and zinc at downgradient well GWC-10 were flagged during this update. Any values identified by Tukey's but not flagged in the database appeared similar to surrounding concentrations within the respective record or resulted in statistical limits representative of near-term and potentially future background. Although not identified by Tukey's outlier test, the highest value for zinc at GWC-9 was flagged to construct statistical limits capable of detecting changes in groundwater quality. A previously high value for lead at upgradient well GWA-3 was unflagged during this update as a similar value was observed later in the record.

Tukey's outlier test on pooled upgradient well data for Appendix III parameters using interwell prediction limits identified outliers for calcium, chloride, fluoride, pH, and TDS. Visual screening and Tukey's test confirmed previously flagged values and identified potential outliers Any values identified by Tukey's but not flagged in the database appeared similar to concentrations among remaining pooled upgradient wells or resulted in statistical limits representative of near-term and potentially future background. Any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. A summary of flagged outliers follows this letter (Figure C).

Mann Whitney Testing - Intrawell

For constituents requiring intrawell prediction limits (All Appendix I parameters and sulfate for Appendix III parameters), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2023 for Appendix I and III constituents to the medians of the new compliance samples at each well through August 2025 (Figures D & E). Any previously truncated records were also compared to more recent compliance data through August 2025, and discussions of any truncated records were included in previous background update reports. If the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data.

Several statistically significant differences were found between the two groups for the following Appendix I and III constituents:

Appendix I:

- Barium: GWC-20
- Cadmium: GWC-19 and GWC-9
- Cobalt: GWA-3 (upgradient), GWC-1, GWC-20, GWC-21, and GWC-23
- Nickel: GWC-1, GWC-12, and GWC-19

Appendix III:

- Sulfate: GWC-18 (upgradient) and GWC-11

Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data are not updated to include the newer data unless it can be reasonably justified that the change in concentrations reflects a shift unrelated to practices at the site. In studies in which at least one of the segments being compared is of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians.

In most cases with statistically significant differences in medians for Appendix I and III parameters, the differences resulted from either reported trace values compared to non-detect results within a given record or the reported concentrations in compliance data were either within the range of or similar to observations earlier in the record. Therefore, the records for these well/constituent pairs were updated through August 2025. Although no statistically significant difference was identified by the Mann-Whitney test comparing concentrations from August 2023 through August 2025 to established background, earlier concentrations for nickel at well GWC-20 are significantly higher than more recent observations; therefore, earlier measurements were truncated from the record in order to construct statistical limits that are capable of detecting changes in groundwater quality.

All records were updated through August 2025. The results of the Mann-Whitney test were provided in the background update report. A summary of special cases with background data sets utilizing a truncated portion of their record follows this letter.

Interwell – Trend Test Evaluation

For parameters which are tested using interwell prediction limits, the Sen's Slope/Mann-Kendall trend test was used to test data in upgradient wells through February 2026 to determine whether concentrations are statistically increasing, decreasing or stable at the 99% confidence level (Figure F). Statistically significant trends were identified for the following upgradient well/constituent pairs:

Increasing

- Calcium: GWA-13 and GWA-15
- Chloride: GWA-5 and GWC-17
- TDS GWA-15 and GWA-16

Decreasing

- Calcium: GWA-2, GWA-3, GWA-4A, GWA-5 and GWC-18
- Chloride: GWA-2 and GWA-3
- Fluoride: GWC-18
- pH: GWA-5, GWA-13, GWA-14, GWA-16, and GWC-18

While identifying these upgradient trends is useful for understanding and characterization of upgradient background groundwater quality, truncation of the records to remove the trend may be appropriate when the trend would result in statistical limits that are not representative of upgradient groundwater quality and/or not able to detect downgradient changes that result from the facility. Deselecting data at upgradient wells is done with

caution as similar observations may be observed at one or more downgradient wells depending on transport times.

Although statistically significant trends were identified among individual wells, no adjustments were required because measurements for most of these well/constituent pairs are within the range of concentrations reported at remaining upgradient wells or similar to other observations within the respective record; therefore, truncation of the records would have no impact on the resulting interwell prediction limit, which is constructed using pooled upgradient well data. For calcium at well GWC-18 and chloride at well GWA-3, these records were not truncated as similar measurements may be seen at downgradient wells.

All available data through February 2026 from upgradient wells were used to construct interwell prediction limits for boron, calcium, chloride, fluoride, pH, and TDS. As more data are collected, all upgradient well data will be re-evaluated for possible deselection of earlier portions of the records if the measurements no longer represent present-day groundwater quality conditions or to construct statistical limits capable of detecting changes in groundwater quality.

Statistical Analysis of Georgia EPD Appendix I Constituents – February 2026

Intrawell limits constructed from screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well. The most recent sample from the same well is compared to its respective background. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking spatial variation for a release from the facility.

In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent where intrawell analyses are recommended, the current assumption is that this is due to spatial variation rather than a result of practices at the landfill. Validation of this assumption requires a separate analysis or investigation that is beyond the scope of this data screening study. However, for this site, the pre-waste data support the assumption of spatial variation rather than impacts of the landfill.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data, except for the cases mentioned above, through August 2025 within each

well with detections. (Figure G). Compliance data are compared to these intrawell background limits during each subsequent semi-annual sample event. As mentioned above, no statistical analyses were included for well/constituent pairs containing 100% non-detects.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of two additional samples to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary of prediction limits follows this report. Exceedances were identified for the following well/constituent pairs:

- Antimony: GWA-3 (upgradient)
- Cadmium: GWA-3 (upgradient)
- Chromium: GWA-3 (upgradient)

Two-Step Approach

Following the Two-Step analysis procedure, interwell prediction limits are constructed using pooled upgradient well data through February 2026 when apparent intrawell prediction limit exceedances are identified among in downgradient wells. Because no exceedances were identified for the intrawell prediction limits in downgradient wells, no interwell prediction limits were required.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable at the 99% confidence level. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site. Since no exceedances were identified among downgradient wells, no further action was required.

Statistical Analysis of CCR Appendix III Parameters – February 2026

Intrawell Prediction Limits

For sulfate, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through August 2025 (Figure H). As mentioned above, intrawell limits constructed from screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well.

The February 2026 samples are compared to these intrawell background limits for this analysis. When exceedances are identified upgradient of the facility it is an indication of variation in groundwater quality assumed to be unrelated to practices at the facility. Exceedances for the following well/constituent pairs were identified:

- Sulfate: GWA-15 and GWA-16 (both upgradient)

Two-Step Approach

The Two-Step approach as discussed earlier consists of constructing interwell prediction limits using pooled upgradient well data to further evaluate the apparent intrawell prediction limit exceedances at downgradient wells. This step was not necessary as no apparent intrawell prediction limit exceedances were identified among downgradient wells.

Interwell Prediction Limits

For boron, calcium, chloride, fluoride, pH, and TDS, interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through February 2026 (Figure I). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The February 2026 sample from each downgradient well is compared to the background limit to determine whether initial exceedances are present.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a

confirmed exceedance. No exceedances were identified for any of the well/constituent pairs.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable at the 99% confidence level. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site. This step was not necessary as no exceedances were identified in any of the downgradient wells.

Summary

Georgia EPD Appendix I

Based on the results of the Appendix I intrawell prediction limits, no exceedances were identified downgradient of the facility.

CCR Appendix III

Based on the results of the Appendix III constituents requiring intrawell prediction limits for sulfate and interwell prediction limits for boron, calcium, chloride, fluoride, pH, and TDS, no downgradient well exceedances were identified.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant McIntosh's Landfill #4. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,





Tristan Clark
Groundwater Analyst

Andrew T. Collins
Project Manager

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Summary Tables

Date Ranges

Date: 4/15/2026 1:43 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Barium (mg/L)
- GWA-2 background:1/16/2015-8/6/2025
- GWA-5 background:1/19/2013-8/6/2025
- GWC-18 background:8/11/2016-8/6/2025
- GWC-1 background:1/20/2013-8/6/2025
- GWC-19 background:4/19/2016-8/6/2025
- GWC-20 background:6/16/2016-8/6/2025
- GWC-23 background:3/27/2019-8/6/2025

Cobalt (mg/L)
- GWC-20 background:7/25/2017-8/6/2025

Nickel (mg/L)
- GWC-20 background:1/29/2019-8/5/2025

Sulfate (mg/L)
- GWA-14 background:8/9/2016-8/6/2025
- GWC-17 background:6/15/2016-8/6/2025
- GWC-20 background:8/10/2016-8/6/2025

100% Non-Detects: Appendix I

Analysis Run 4/6/2026 1:08 PM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Antimony (mg/L)
GWA-4A, GWA-5, GWA-15, GWA-16, GWC-17, GWC-10, GWC-11, GWC-12, GWC-19, GWC-20, GWC-21, GWC-23, GWC-9

Arsenic (mg/L)
GWA-2

Cadmium (mg/L)
GWA-2, GWA-5, GWA-15, GWC-10, GWC-11, GWC-12

Copper (mg/L)
GWC-10

Lead (mg/L)
GWC-1, GWC-10, GWC-12, GWC-9

Selenium (mg/L)
GWA-5, GWA-14, GWC-17, GWC-12, GWC-23

Silver (mg/L)
GWA-2, GWA-4A, GWA-5, GWA-13, GWA-14, GWA-15, GWA-16, GWC-17, GWC-12, GWC-19, GWC-20

Thallium (mg/L)
GWA-5, GWA-15, GWC-1

Mann-Whitney Test - Appendix I - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:09 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	**GWC-20**	**-2.81**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cadmium (mg/L)	**GWC-19**	**-2.661**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cadmium (mg/L)	**GWC-9**	**-3.271**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWA-3 (bg)**	**-2.605**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-1**	**-2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-20**	**-2.923**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-21**	**-2.598**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-23**	**-2.879**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-1**	**-2.663**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-12**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-19**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**

Mann-Whitney Test - Appendix I - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:08 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-2 (bg)	0.2143	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-3 (bg)	0.3569	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-13 (bg)	0.2835	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-14 (bg)	0.2887	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-18 (bg)	0.2835	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-1	0.2165	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-3 (bg)	0.4673	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-4A (bg)	1.093	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-5 (bg)	0.3569	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-13 (bg)	0.2835	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-14 (bg)	0.2887	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-15 (bg)	0.6316	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-17 (bg)	0.7436	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-18 (bg)	1.061	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-1	0.2165	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-10	-0.6512	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-11	-0.2557	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-12	0.5513	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-19	-0.368	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-20	0.6316	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-21	0.9824	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-23	1.582	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-9	-1.286	No	0.01	No	Mann-W
Barium (mg/L)	GWA-2 (bg)	1.844	No	0.01	No	Mann-W
Barium (mg/L)	GWA-3 (bg)	-1.691	No	0.01	No	Mann-W
Barium (mg/L)	GWA-4A (bg)	-1.616	No	0.01	No	Mann-W
Barium (mg/L)	GWA-5 (bg)	-1.852	No	0.01	No	Mann-W
Barium (mg/L)	GWA-13 (bg)	1.84	No	0.01	No	Mann-W
Barium (mg/L)	GWA-14 (bg)	2.028	No	0.01	No	Mann-W
Barium (mg/L)	GWA-15 (bg)	1.822	No	0.01	No	Mann-W
Barium (mg/L)	GWA-16 (bg)	0.8896	No	0.01	No	Mann-W
Barium (mg/L)	GWC-17 (bg)	1.353	No	0.01	No	Mann-W
Barium (mg/L)	GWC-18 (bg)	-0.9057	No	0.01	No	Mann-W
Barium (mg/L)	GWC-1	-1.299	No	0.01	No	Mann-W
Barium (mg/L)	GWC-10	0.03248	No	0.01	No	Mann-W
Barium (mg/L)	GWC-11	-1.269	No	0.01	No	Mann-W
Barium (mg/L)	GWC-12	0.1203	No	0.01	No	Mann-W
Barium (mg/L)	GWC-19	-2.216	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-20**	**-2.81**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-21	1.628	No	0.01	No	Mann-W
Barium (mg/L)	GWC-23	0.215	No	0.01	No	Mann-W
Barium (mg/L)	GWC-9	0.6762	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-2 (bg)	0.7038	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-3 (bg)	-0.05099	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-4A (bg)	0.5574	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-5 (bg)	0.1261	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-13 (bg)	0.6082	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-14 (bg)	0.4752	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-15 (bg)	0.2887	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-16 (bg)	0.4842	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-17 (bg)	0.7093	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-18 (bg)	0.4752	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-1	-0.9538	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-10	0.4529	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-11	0.3569	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-12	-0.1663	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-19	0.5393	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-20	-0.8873	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-21	0.6316	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-23	-0.5094	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-9	-0.765	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-4A (bg)	0.5574	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-13 (bg)	0.2835	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-14 (bg)	0.4842	No	0.01	No	Mann-W

Mann-Whitney Test - Appendix I - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:08 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Cadmium (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-17 (bg)	-0.3994	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-18 (bg)	0.2835	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-1	0.2165	No	0.01	No	Mann-W
Cadmium (mg/L)	**GWC-19**	**-2.661**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cadmium (mg/L)	GWC-20	-2.031	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-21	-2.389	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-23	-0.568	No	0.01	No	Mann-W
Cadmium (mg/L)	**GWC-9**	**-3.271**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-2 (bg)	0.5179	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-3 (bg)	0.5264	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-4A (bg)	0.5057	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-5 (bg)	-0.5866	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-13 (bg)	-1.779	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-14 (bg)	-1.16	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-15 (bg)	-1.02	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-16 (bg)	-0.06001	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-17 (bg)	0.5459	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-18 (bg)	1.255	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-1	-0.5614	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-10	0.5308	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-11	0.1348	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-12	0.7105	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-19	0.8615	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-20	-1.329	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-21	-0.6108	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-23	0.4241	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-9	-0.8236	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	-0.754	No	0.01	No	Mann-W
Cobalt (mg/L)	**GWA-3 (bg)**	**-2.605**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	GWA-4A (bg)	-2.519	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-5 (bg)	-0.487	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-13 (bg)	-0.9157	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-14 (bg)	-1.164	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-15 (bg)	0.414	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-16 (bg)	-0.5907	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-17 (bg)	2.212	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-18 (bg)	0.6196	No	0.01	No	Mann-W
Cobalt (mg/L)	**GWC-1**	**-2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	GWC-10	0.4529	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-11	0.1892	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-12	-1.724	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-19	0.8739	No	0.01	No	Mann-W
Cobalt (mg/L)	**GWC-20**	**-2.923**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-21**	**-2.598**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-23**	**-2.879**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	GWC-9	-0.8069	No	0.01	No	Mann-W
Copper (mg/L)	GWA-2 (bg)	2.016	No	0.01	No	Mann-W
Copper (mg/L)	GWA-3 (bg)	-0.2997	No	0.01	No	Mann-W
Copper (mg/L)	GWA-4A (bg)	0.2066	No	0.01	No	Mann-W
Copper (mg/L)	GWA-5 (bg)	-0.0545	No	0.01	No	Mann-W
Copper (mg/L)	GWA-13 (bg)	-1.427	No	0.01	No	Mann-W
Copper (mg/L)	GWA-14 (bg)	0.5381	No	0.01	No	Mann-W
Copper (mg/L)	GWA-15 (bg)	0.3273	No	0.01	No	Mann-W
Copper (mg/L)	GWA-16 (bg)	0.5512	No	0.01	No	Mann-W
Copper (mg/L)	GWC-17 (bg)	0.1921	No	0.01	No	Mann-W
Copper (mg/L)	GWC-18 (bg)	-0.2607	No	0.01	No	Mann-W
Copper (mg/L)	GWC-1	0.2315	No	0.01	No	Mann-W
Copper (mg/L)	GWC-11	0.2757	No	0.01	No	Mann-W
Copper (mg/L)	GWC-12	0.3815	No	0.01	No	Mann-W
Copper (mg/L)	GWC-19	0.5512	No	0.01	No	Mann-W
Copper (mg/L)	GWC-20	-0.9189	No	0.01	No	Mann-W
Copper (mg/L)	GWC-21	-0.3578	No	0.01	No	Mann-W
Copper (mg/L)	GWC-23	0.836	No	0.01	No	Mann-W
Copper (mg/L)	GWC-9	0.1349	No	0.01	No	Mann-W

Mann-Whitney Test - Appendix I - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:08 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Lead (mg/L)	GWA-2 (bg)	-1.029	No	0.01	No	Mann-W
Lead (mg/L)	GWA-3 (bg)	-0.2102	No	0.01	No	Mann-W
Lead (mg/L)	GWA-4A (bg)	0.3692	No	0.01	No	Mann-W
Lead (mg/L)	GWA-5 (bg)	0.5513	No	0.01	No	Mann-W
Lead (mg/L)	GWA-13 (bg)	0.4667	No	0.01	No	Mann-W
Lead (mg/L)	GWA-14 (bg)	0.6196	No	0.01	No	Mann-W
Lead (mg/L)	GWA-15 (bg)	0.2887	No	0.01	No	Mann-W
Lead (mg/L)	GWA-16 (bg)	-0.7081	No	0.01	No	Mann-W
Lead (mg/L)	GWC-17 (bg)	0.2835	No	0.01	No	Mann-W
Lead (mg/L)	GWC-18 (bg)	1.161	No	0.01	No	Mann-W
Lead (mg/L)	GWC-11	0.6307	No	0.01	No	Mann-W
Lead (mg/L)	GWC-19	0.2887	No	0.01	No	Mann-W
Lead (mg/L)	GWC-20	0.4842	No	0.01	No	Mann-W
Lead (mg/L)	GWC-21	0.4842	No	0.01	No	Mann-W
Lead (mg/L)	GWC-23	0.7043	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-2 (bg)	-2.179	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-3 (bg)	0.7762	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-4A (bg)	-1.113	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-5 (bg)	-0.5137	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-13 (bg)	-1.011	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-14 (bg)	-0.1634	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-15 (bg)	-0.7957	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-16 (bg)	-1.172	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-17 (bg)	0.143	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-18 (bg)	-2.455	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-1**	**-2.663**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-10	0.5908	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-11	-0.1244	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-12**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-19**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-20	-1.307	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-21	-1.901	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-23	-2.463	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-9	-2.166	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-2 (bg)	0.4624	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-3 (bg)	0.6307	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-4A (bg)	0.4673	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-13 (bg)	0.2835	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-15 (bg)	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-18 (bg)	0.2835	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-1	0.3607	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-10	0.3569	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-11	0.7039	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-19	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-20	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-21	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-9	-0.3571	No	0.01	No	Mann-W
Silver (mg/L)	GWC-18 (bg)	0.3198	No	0.01	No	Mann-W
Silver (mg/L)	GWC-1	0.2315	No	0.01	No	Mann-W
Silver (mg/L)	GWC-10	0.2287	No	0.01	No	Mann-W
Silver (mg/L)	GWC-11	0.3815	No	0.01	No	Mann-W
Silver (mg/L)	GWC-21	0.3273	No	0.01	No	Mann-W
Silver (mg/L)	GWC-23	0.375	No	0.01	No	Mann-W
Silver (mg/L)	GWC-9	0.2287	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-2 (bg)	0.4778	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-3 (bg)	0.3686	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-4A (bg)	0.3728	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-13 (bg)	0.7436	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-14 (bg)	0.7585	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-16 (bg)	0.4842	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-17 (bg)	0.9625	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-18 (bg)	2.019	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-10	0.4778	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-11	0.4778	No	0.01	No	Mann-W

Mann-Whitney Test - Appendix I - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:08 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Thallium (mg/L)	GWC-12	0.3686	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-19	0.6316	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-20	1.086	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-21	0.6316	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-23	0.3185	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-9	0.2212	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-2 (bg)	0.4931	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-3 (bg)	0.6787	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-4A (bg)	0.766	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-5 (bg)	0.6767	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-13 (bg)	0.957	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-14 (bg)	0.5381	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-15 (bg)	0.8707	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-16 (bg)	-0.4244	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-17 (bg)	-0.4647	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-18 (bg)	0.07127	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-1	0.9147	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-10	-0.9172	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-11	-1.689	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-12	0.6944	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-19	0.03832	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-20	-0.3744	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-21	0.1294	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-23	0.2586	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-9	-0.9044	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-2 (bg)	1.211	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-3 (bg)	-0.7023	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-4A (bg)	-1.668	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-5 (bg)	0.4183	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-13 (bg)	-0.03748	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-14 (bg)	0.1083	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-15 (bg)	-1.244	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-16 (bg)	-0.3017	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-17 (bg)	-0.3926	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-18 (bg)	0.608	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-1	-1.102	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-10	1.025	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-11	1.445	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-12	1.629	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-19	1.239	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-20	1.755	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-21	0.5995	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-23	0.5314	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-9	1.445	No	0.01	No	Mann-W

Mann-Whitney Test - Appendix III - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 2/26/2026, 10:56 AM

Constituent	Well	Calc.	0.01	Sig.	Method
Sulfate (mg/L)	**GWC-18 (bg)**	**-2.598**	**Yes**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-11**	**-2.988**	**Yes**	**Yes**	**Mann-W**

Mann-Whitney Test - Appendix III - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 2/26/2026, 10:56 AM

Constituent	Well	Calc.	0.01	Sig.	Method
Sulfate (mg/L)	GWA-2 (bg)	0.8299	No	No	Mann-W
Sulfate (mg/L)	GWA-3 (bg)	-0.3698	No	No	Mann-W
Sulfate (mg/L)	GWA-4A (bg)	-2.453	No	No	Mann-W
Sulfate (mg/L)	GWA-5 (bg)	-0.1925	No	No	Mann-W
Sulfate (mg/L)	GWA-13 (bg)	-1.934	No	No	Mann-W
Sulfate (mg/L)	GWA-14 (bg)	-1.711	No	No	Mann-W
Sulfate (mg/L)	GWA-15 (bg)	-1.16	No	No	Mann-W
Sulfate (mg/L)	GWA-16 (bg)	-1.703	No	No	Mann-W
Sulfate (mg/L)	GWC-17 (bg)	-0.7608	No	No	Mann-W
Sulfate (mg/L)	**GWC-18 (bg)**	**-2.598**	**Yes**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-1	-0.07162	No	No	Mann-W
Sulfate (mg/L)	GWC-10	-0.534	No	No	Mann-W
Sulfate (mg/L)	**GWC-11**	**-2.988**	**Yes**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-12	-2.553	No	No	Mann-W
Sulfate (mg/L)	GWC-19	-0.6415	No	No	Mann-W
Sulfate (mg/L)	GWC-20	-1.785	No	No	Mann-W
Sulfate (mg/L)	GWC-21	-2.164	No	No	Mann-W
Sulfate (mg/L)	GWC-23	-0.7818	No	No	Mann-W
Sulfate (mg/L)	GWC-9	-1.177	No	No	Mann-W

Appendix III Trend Tests - Upgradient Wells - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/8/2026, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-2 (bg)	-0.02209	-156	-124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-3 (bg)	-0.02173	-174	-124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-4A (bg)	-0.09716	-205	-124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-5 (bg)	-0.1406	-180	-124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-13 (bg)	0.01435	125	124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0.0557	128	124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-18 (bg)	-0.8619	-166	-131	Yes	28	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	-0.08749	-189	-124	Yes	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-3 (bg)	-0.3888	-303	-124	Yes	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-5 (bg)	0.06183	138	118	Yes	26	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-17 (bg)	0.07719	174	124	Yes	27	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-18 (bg)	-0.01629	-157	-131	Yes	28	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-5 (bg)	-0.06426	-249	-131	Yes	28	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-13 (bg)	-0.03897	-200	-139	Yes	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-14 (bg)	-0.04737	-230	-139	Yes	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-16 (bg)	-0.03163	-220	-139	Yes	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWC-18 (bg)	-0.05	-147	-146	Yes	30	0	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-15 (bg)	1.817	129	124	Yes	27	7.407	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-16 (bg)	2.37	141	124	Yes	27	14.81	n/a	n/a	0.01	NP

Appendix III Trend tests - Upgradient Wells - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/8/2026, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	GWA-2 (bg)	0	7	124	No	27	74.07	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-3 (bg)	0	-45	-124	No	27	77.78	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-4A (bg)	0	-42	-124	No	27	70.37	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-5 (bg)	0	-7	-124	No	27	85.19	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-13 (bg)	0	0	124	No	27	85.19	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-14 (bg)	0	17	124	No	27	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-15 (bg)	0	24	124	No	27	96.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-16 (bg)	0	17	124	No	27	92.59	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-17 (bg)	0	24	124	No	27	96.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-18 (bg)	0	-15	-124	No	27	88.89	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-2 (bg)**	**-0.02209**	**-156**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-0.02173**	**-174**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-4A (bg)**	**-0.09716**	**-205**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-5 (bg)**	**-0.1406**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-13 (bg)**	**0.01435**	**125**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-14 (bg)	0	9	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-15 (bg)**	**0.0557**	**128**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-16 (bg)	0.007684	119	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-17 (bg)	0.021	90	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-18 (bg)**	**-0.8619**	**-166**	**-131**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-2 (bg)**	**-0.08749**	**-189**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3888**	**-303**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-4A (bg)	0.03308	72	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-5 (bg)**	**0.06183**	**138**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-13 (bg)	0	8	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-14 (bg)	-0.03646	-120	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	-0.01215	-41	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	0.01501	60	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWC-17 (bg)**	**0.07719**	**174**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-18 (bg)	-0.04216	-87	-124	No	27	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-2 (bg)	0	31	124	No	27	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-3 (bg)	0	-5	-124	No	27	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-4A (bg)	0	5	124	No	27	74.07	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-5 (bg)	0	29	124	No	27	62.96	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-13 (bg)	0	21	124	No	27	74.07	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-14 (bg)	0	19	124	No	27	74.07	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-15 (bg)	0	21	124	No	27	74.07	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-16 (bg)	0	66	124	No	27	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-17 (bg)	-0.0003085	-20	-124	No	27	3.704	n/a	n/a	0.01	NP
Fluoride (mg/L)	**GWC-18 (bg)**	**-0.01629**	**-157**	**-131**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-2 (bg)	-0.02343	-139	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-3 (bg)	-0.009796	-48	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-4A (bg)	-0.04355	-110	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-5 (bg)**	**-0.06426**	**-249**	**-131**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-13 (bg)**	**-0.03897**	**-200**	**-139**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-14 (bg)**	**-0.04737**	**-230**	**-139**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-15 (bg)	-0.02717	-74	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-16 (bg)**	**-0.03163**	**-220**	**-139**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-17 (bg)	-0.008454	-52	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWC-18 (bg)**	**-0.05**	**-147**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWA-2 (bg)	2.345	108	124	No	27	3.704	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-3 (bg)	0.5046	38	124	No	27	7.407	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-4A (bg)	-0.3392	-38	-124	No	27	11.11	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-5 (bg)	0.66	30	124	No	27	7.407	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-13 (bg)	1.822	112	124	No	27	14.81	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-14 (bg)	0.7414	66	124	No	27	11.11	n/a	n/a	0.01	NP
TDS (mg/L)	**GWA-15 (bg)**	**1.817**	**129**	**124**	**Yes**	**27**	**7.407**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWA-16 (bg)**	**2.37**	**141**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWC-17 (bg)	1.687	98	124	No	27	3.704	n/a	n/a	0.01	NP
TDS (mg/L)	GWC-18 (bg)	-2.108	-62	-124	No	27	0	n/a	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	**GWA-3**	**0.005**	**n/a**	**2/2/2026**	**0.0058**	**Yes**	**53**	**n/a**	**n/a**	**96.23**	**n/a**	**n/a**	**0.0006854**	**NP Intra (NDs) 1 of 2**
Cadmium (mg/L)	**GWA-3**	**0.0007**	**n/a**	**2/2/2026**	**0.0016**	**Yes**	**53**	**n/a**	**n/a**	**100**	**n/a**	**n/a**	**0.0006854**	**NP Intra (NDs) 1 of 2**
Chromium (mg/L)	**GWA-3**	**0.005**	**n/a**	**2/2/2026**	**0.0086**	**Yes**	**52**	**n/a**	**n/a**	**34.62**	**n/a**	**n/a**	**0.0007079**	**NP Intra (normality) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-2	0.005	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	98.11	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Antimony (mg/L)	**GWA-3**	**0.005**	**n/a**	**2/2/2026**	**0.0058**	**Yes**	**53**	**n/a**	**n/a**	**96.23**	**n/a**	**n/a**	**0.0006854**	**NP Intra (NDs) 1 of 2**
Antimony (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	98.08	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.0048J	No	52	n/a	n/a	94.23	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4A	0.005	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	76.92	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-5	0.005	n/a	2/2/2026	0.005ND	No	53	n/a	n/a	96.23	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-16	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-17	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	21.88	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	98.08	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	73.58	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.005	n/a	2/3/2026	0.0013J	No	53	n/a	n/a	52.83	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.005	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	92.45	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	2/4/2026	0.005ND	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	2/4/2026	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	92.45	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-2	0.04286	n/a	2/3/2026	0.035	No	29	0.0335	0.004018	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.02754	n/a	2/2/2026	0.017	No	49	-4.203	0.2771	0	None	ln(x)	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-4A	0.03825	n/a	2/2/2026	0.017	No	52	0.02256	0.00715	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-5	0.06025	n/a	2/2/2026	0.033	No	33	0.04043	0.008647	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-13	0.03	n/a	2/2/2026	0.021	No	32	n/a	n/a	0	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-14	0.01988	n/a	2/2/2026	0.015	No	31	0.01395	0.002569	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-15	0.02978	n/a	2/3/2026	0.024	No	31	0.0251	0.002026	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-16	0.03426	n/a	2/3/2026	0.027	No	31	-3.679	0.132	0	None	ln(x)	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-17	0.0221	n/a	2/3/2026	0.018	No	32	0.01809	0.001745	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.024	n/a	2/3/2026	0.013	No	24	n/a	n/a	0	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-1	0.05569	n/a	2/3/2026	0.032	No	33	0.03971	0.006972	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.04274	n/a	2/4/2026	0.021	No	55	0.2831	0.03043	0	None	x^(1/3)	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.026	n/a	2/3/2026	0.011	No	52	n/a	n/a	0	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-12	0.016	n/a	2/3/2026	0.01	No	53	n/a	n/a	0	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-19	0.02087	n/a	2/3/2026	0.0089J	No	26	0.01297	0.003338	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.02702	n/a	2/3/2026	0.016	No	25	0.01892	0.003402	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.02738	n/a	2/4/2026	0.024	No	31	0.01905	0.003606	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.03335	n/a	2/4/2026	0.019	No	14	0.02157	0.004292	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.03594	n/a	2/4/2026	0.019	No	53	0.02484	0.005064	0	None	No	0.0003901	Param Intra 1 of 2
Beryllium (mg/L)	GWA-2	0.001	n/a	2/3/2026	0.001ND	No	53	n/a	n/a	88.68	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-3	0.0018	n/a	2/2/2026	0.001ND	No	53	n/a	n/a	96.23	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-4A	0.001	n/a	2/2/2026	0.001ND	No	52	n/a	n/a	92.31	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-5	0.0011	n/a	2/2/2026	0.001ND	No	53	n/a	n/a	94.34	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-13	0.001	n/a	2/2/2026	0.001ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-14	0.001	n/a	2/2/2026	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-15	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-16	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-17	0.0008521	n/a	2/3/2026	0.0007J	No	31	0.0246	0.001988	6.452	None	sqrt(x)	0.0003901	Param Intra 1 of 2
Beryllium (mg/L)	GWC-18	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-1	0.001	n/a	2/3/2026	0.00018J	No	52	n/a	n/a	76.92	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-10	0.001	n/a	2/4/2026	0.001ND	No	55	n/a	n/a	94.55	n/a	n/a	0.0006405	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-11	0.001	n/a	2/3/2026	0.001ND	No	53	n/a	n/a	96.23	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-12	0.001	n/a	2/3/2026	0.00018J	No	53	n/a	n/a	79.25	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.001	n/a	2/3/2026	0.00022J	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-20	0.001	n/a	2/3/2026	0.00022J	No	31	n/a	n/a	58.06	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-21	0.001	n/a	2/4/2026	0.00017J	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-23	0.001	n/a	2/4/2026	0.001ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-9	0.001	n/a	2/4/2026	0.001ND	No	53	n/a	n/a	88.68	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	**GWA-3**	**0.0007**	**n/a**	**2/2/2026**	**0.0016**	**Yes**	**53**	**n/a**	**n/a**	**100**	**n/a**	**n/a**	**0.0006854**	**NP Intra (NDs) 1 of 2**
Cadmium (mg/L)	GWA-4A	0.0007	n/a	2/2/2026	0.0007ND	No	52	n/a	n/a	92.31	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-13	0.0007	n/a	2/2/2026	0.0007ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWA-14	0.0007	n/a	2/2/2026	0.0007ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-16	0.0007	n/a	2/3/2026	0.0007ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-17	0.0007792	n/a	2/3/2026	0.00042J	No	32	0.000577	0.00008792	3.125	None	No	0.0003901	Param Intra 1 of 2
Cadmium (mg/L)	GWC-18	0.0007	n/a	2/3/2026	0.0007ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-1	0.0007	n/a	2/3/2026	0.0007ND	No	52	n/a	n/a	98.08	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-19	0.0007	n/a	2/3/2026	0.0007ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.00078	n/a	2/3/2026	0.0007ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0007	n/a	2/4/2026	0.0007ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0007	n/a	2/4/2026	0.0007ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0007	n/a	2/4/2026	0.0007ND	No	53	n/a	n/a	92.45	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	17.31	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Chromium (mg/L)	**GWA-3**	**0.005**	**n/a**	**2/2/2026**	**0.0086**	**Yes**	**52**	**n/a**	**n/a**	**34.62**	**n/a**	**n/a**	**0.0007079**	**NP Intra (normality) 1 of 2**
Chromium (mg/L)	GWA-4A	0.0096	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	73.08	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-5	0.0054	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	65.38	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-13	0.0094	n/a	2/2/2026	0.005ND	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-15	0.0051	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-16	0.024	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	32.26	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-17	0.005572	n/a	2/3/2026	0.005ND	No	32	0.002986	0.001124	25	Kaplan-Meier	No	0.0003901	Param Intra 1 of 2
Chromium (mg/L)	GWC-18	0.0065	n/a	2/3/2026	0.0025ND	No	33	n/a	n/a	9.091	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	34.62	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-10	0.008323	n/a	2/4/2026	0.005ND	No	54	0.003954	0.001996	20.37	Kaplan-Meier	No	0.0003901	Param Intra 1 of 2
Chromium (mg/L)	GWC-11	0.01043	n/a	2/3/2026	0.0055	No	53	0.07393	0.01287	1.887	None	sqrt(x)	0.0003901	Param Intra 1 of 2
Chromium (mg/L)	GWC-12	0.0082	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	16.98	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-19	0.0056	n/a	2/3/2026	0.0025ND	No	31	n/a	n/a	12.9	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-20	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/4/2026	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.005	n/a	2/4/2026	0.005ND	No	27	n/a	n/a	40.74	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/4/2026	0.005ND	No	52	n/a	n/a	61.54	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/3/2026	0.0014J	No	53	n/a	n/a	41.51	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	69.23	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4A	0.013	n/a	2/2/2026	0.0013J	No	52	n/a	n/a	42.31	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-5	0.011	n/a	2/2/2026	0.00081J	No	53	n/a	n/a	39.62	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.00054J	No	33	n/a	n/a	21.21	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	32	n/a	n/a	34.38	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.00047J	No	31	n/a	n/a	16.13	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-16	0.0025	n/a	2/3/2026	0.00045J	No	31	n/a	n/a	12.9	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-17	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	40.63	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.0015J	No	52	n/a	n/a	36.54	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	55	n/a	n/a	94.55	n/a	n/a	0.0006405	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.0071	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	84.91	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.005	n/a	2/3/2026	0.00057J	No	52	n/a	n/a	40.38	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-19	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.001767	n/a	2/3/2026	0.00081J	No	18	0.03098	0.004336	0	None	sqrt(x)	0.0003901	Param Intra 1 of 2
Cobalt (mg/L)	GWC-21	0.002368	n/a	2/4/2026	0.00081J	No	30	0.00125	0.0004825	3.333	None	No	0.0003901	Param Intra 1 of 2
Cobalt (mg/L)	GWC-23	0.01057	n/a	2/4/2026	0.0007J	No	26	0.004304	0.002646	0	None	No	0.0003901	Param Intra 1 of 2
Cobalt (mg/L)	GWC-9	0.0055	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	49.06	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-2	0.003	n/a	2/3/2026	0.002ND	No	47	n/a	n/a	95.74	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.0034	n/a	2/2/2026	0.001J	No	46	n/a	n/a	86.96	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4A	0.0051	n/a	2/2/2026	0.00066J	No	46	n/a	n/a	82.61	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-5	0.0021	n/a	2/2/2026	0.002ND	No	47	n/a	n/a	95.74	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-13	0.002	n/a	2/2/2026	0.002ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-14	0.002	n/a	2/2/2026	0.002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-15	0.002	n/a	2/3/2026	0.002ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/3/2026	0.002ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-17	0.0021	n/a	2/3/2026	0.002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0021	n/a	2/3/2026	0.002ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/3/2026	0.002ND	No	46	n/a	n/a	97.83	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0027	n/a	2/3/2026	0.002ND	No	47	n/a	n/a	91.49	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.002	n/a	2/3/2026	0.002ND	No	47	n/a	n/a	95.74	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.002	n/a	2/3/2026	0.002ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.002	n/a	2/3/2026	0.002ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.002	n/a	2/4/2026	0.0007J	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.002	n/a	2/4/2026	0.002ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWC-9	0.0021	n/a	2/4/2026	0.002ND	No	47	n/a	n/a	93.62	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.0054	n/a	2/3/2026	0.001ND	No	53	n/a	n/a	83.02	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.015	n/a	2/2/2026	0.001ND	No	53	n/a	n/a	94.34	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4A	0.0037	n/a	2/2/2026	0.001ND	No	52	n/a	n/a	90.38	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-5	0.001	n/a	2/2/2026	0.001ND	No	53	n/a	n/a	92.45	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-13	0.001	n/a	2/2/2026	0.001ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-14	0.001	n/a	2/2/2026	0.001ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-15	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-16	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-17	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.001	n/a	2/3/2026	0.001ND	No	53	n/a	n/a	90.57	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/4/2026	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/4/2026	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.0043	n/a	2/3/2026	0.0013J	No	47	n/a	n/a	61.7	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.005ND	No	45	n/a	n/a	86.67	n/a	n/a	0.0009557	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4A	0.0072	n/a	2/2/2026	0.00058J	No	46	n/a	n/a	58.7	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-5	0.0031	n/a	2/2/2026	0.00057J	No	47	n/a	n/a	76.6	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.00045J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.00065J	No	25	n/a	n/a	56	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.00046J	No	25	n/a	n/a	72	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/3/2026	0.00061J	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-17	0.0036	n/a	2/3/2026	0.002J	No	26	n/a	n/a	7.692	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-18	0.0019	n/a	2/3/2026	0.00071J	No	26	n/a	n/a	30.77	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-1	0.0025	n/a	2/3/2026	0.0013J	No	46	n/a	n/a	60.87	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	47	n/a	n/a	91.49	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.005	n/a	2/3/2026	0.00063J	No	47	n/a	n/a	74.47	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0064	n/a	2/3/2026	0.0013J	No	47	n/a	n/a	61.7	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.003832	n/a	2/3/2026	0.0011J	No	25	-6.491	0.3892	4	None	ln(x)	0.0003901	Param Intra 1 of 2
Nickel (mg/L)	GWC-20	0.002206	n/a	2/3/2026	0.001J	No	15	0.0315	0.005773	13.33	None	sqrt(x)	0.0003901	Param Intra 1 of 2
Nickel (mg/L)	GWC-21	0.0012	n/a	2/4/2026	0.00074J	No	25	n/a	n/a	44	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-23	0.002737	n/a	2/4/2026	0.001J	No	20	0.001505	0.0004965	5	None	No	0.0003901	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.0033	n/a	2/4/2026	0.00069J	No	47	n/a	n/a	68.09	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2	0.005	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	94.34	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.005ND	No	53	n/a	n/a	90.57	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4A	0.005	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	94.23	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-16	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	96.15	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	96.23	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	88.68	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-19	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-20	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/4/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0058	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	98.11	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-3	0.001	n/a	2/2/2026	0.00054J	No	47	n/a	n/a	100	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	2/3/2026	0.001ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/3/2026	0.001ND	No	46	n/a	n/a	97.83	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	2/4/2026	0.001ND	No	47	n/a	n/a	97.87	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/3/2026	0.001ND	No	47	n/a	n/a	95.74	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.001	n/a	2/4/2026	0.001ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-23	0.001	n/a	2/4/2026	0.001ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	2/4/2026	0.001ND	No	47	n/a	n/a	97.87	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-2	0.001	n/a	2/3/2026	0.001ND	No	50	n/a	n/a	94	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-3	0.001	n/a	2/2/2026	0.00035J	No	50	n/a	n/a	96	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-4A	0.001	n/a	2/2/2026	0.001ND	No	49	n/a	n/a	95.92	n/a	n/a	0.0007934	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-13	0.001	n/a	2/2/2026	0.001ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-14	0.001	n/a	2/2/2026	0.001ND	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-16	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-17	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-18	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	46.88	n/a	n/a	0.001803	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium (mg/L)	GWC-10	0.001	n/a	2/4/2026	0.001ND	No	50	n/a	n/a	94	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-11	0.001	n/a	2/3/2026	0.001ND	No	50	n/a	n/a	94	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-12	0.001	n/a	2/3/2026	0.001ND	No	50	n/a	n/a	96	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-20	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-21	0.001	n/a	2/4/2026	0.001ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-23	0.001	n/a	2/4/2026	0.001ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/4/2026	0.001ND	No	50	n/a	n/a	98	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.0051	n/a	2/3/2026	0.005ND	No	47	n/a	n/a	87.23	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.005ND	No	46	n/a	n/a	82.61	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4A	0.005	n/a	2/2/2026	0.005ND	No	46	n/a	n/a	86.96	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-5	0.005	n/a	2/2/2026	0.005ND	No	47	n/a	n/a	89.36	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.005ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.005ND	No	25	n/a	n/a	84	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.005	n/a	2/3/2026	0.0014J	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-17	0.005	n/a	2/3/2026	0.0012J	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.006366	n/a	2/3/2026	0.0037J	No	26	0.145	0.01706	3.846	None	x^(1/3)	0.0003901	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	46	n/a	n/a	82.61	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	46	n/a	n/a	65.22	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.005	n/a	2/3/2026	0.0019J	No	45	n/a	n/a	53.33	n/a	n/a	0.0009557	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-12	0.005	n/a	2/3/2026	0.005ND	No	45	n/a	n/a	88.89	n/a	n/a	0.0009557	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-19	0.0067	n/a	2/3/2026	0.0017J	No	25	n/a	n/a	40	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-20	0.0074	n/a	2/3/2026	0.0014J	No	25	n/a	n/a	72	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.0058	n/a	2/4/2026	0.005ND	No	25	n/a	n/a	64	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.0055	n/a	2/4/2026	0.005ND	No	20	n/a	n/a	55	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.006	n/a	2/4/2026	0.005ND	No	46	n/a	n/a	84.78	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.029	n/a	2/3/2026	0.01ND	No	47	n/a	n/a	25.53	n/a	n/a	0.0008745	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-3	0.045	n/a	2/2/2026	0.014	No	46	n/a	n/a	47.83	n/a	n/a	0.0009151	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-4A	0.01325	n/a	2/2/2026	0.01ND	No	45	0.07045	0.02011	24.44	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWA-5	0.022	n/a	2/2/2026	0.01ND	No	48	n/a	n/a	33.33	n/a	n/a	0.0008339	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-13	0.01	n/a	2/2/2026	0.01ND	No	27	n/a	n/a	55.56	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-14	0.01445	n/a	2/2/2026	0.01ND	No	26	-5.431	0.5046	30.77	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.01017	n/a	2/3/2026	0.01ND	No	25	-5.437	0.3568	32	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWA-16	0.01	n/a	2/3/2026	0.01ND	No	25	n/a	n/a	32	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-17	0.01417	n/a	2/3/2026	0.01ND	No	26	0.07667	0.01789	19.23	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWC-18	0.01531	n/a	2/3/2026	0.01ND	No	25	0.06255	0.0257	36	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWC-1	0.015	n/a	2/3/2026	0.01ND	No	46	n/a	n/a	26.09	n/a	n/a	0.0009151	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	2/4/2026	0.01ND	No	48	n/a	n/a	72.92	n/a	n/a	0.0008339	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.01	n/a	2/3/2026	0.01ND	No	46	n/a	n/a	65.22	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.017	n/a	2/3/2026	0.01ND	No	47	n/a	n/a	38.3	n/a	n/a	0.0008745	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-19	0.017	n/a	2/3/2026	0.01ND	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	2/3/2026	0.01ND	No	25	n/a	n/a	56	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.016	n/a	2/4/2026	0.01ND	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01641	n/a	2/4/2026	0.01ND	No	20	0.00662	0.003944	35	Kaplan-Meier	No	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	2/4/2026	0.01ND	No	46	n/a	n/a	65.22	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	**GWA-15**	**1.2**	**n/a**	**2/3/2026**	**1.7**	**Yes**	**26**	**n/a**	**n/a**	**53.85**	**n/a**	**n/a**	**0.002667**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWA-16**	**1**	**n/a**	**2/3/2026**	**1.3**	**Yes**	**26**	**n/a**	**n/a**	**61.54**	**n/a**	**n/a**	**0.002667**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-2	1.7	n/a	2/3/2026	0.77J	No	26	n/a	n/a	57.69	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-3	1.149	n/a	2/2/2026	1ND	No	26	0.6242	0.4144	38.46	Kaplan-Meier	x^3	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4A	12.26	n/a	2/2/2026	1.2	No	26	5.623	3.087	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWA-5	1	n/a	2/2/2026	1	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-13	1.4	n/a	2/2/2026	1ND	No	26	n/a	n/a	53.85	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-14	2.044	n/a	2/2/2026	0.78J	No	24	-0.1504	0.3976	33.33	Kaplan-Meier	ln(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	**GWA-15**	**1.2**	**n/a**	**2/3/2026**	**1.7**	**Yes**	**26**	**n/a**	**n/a**	**53.85**	**n/a**	**n/a**	**0.002667**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWA-16**	**1**	**n/a**	**2/3/2026**	**1.3**	**Yes**	**26**	**n/a**	**n/a**	**61.54**	**n/a**	**n/a**	**0.002667**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	GWC-17	1.8	n/a	2/3/2026	1	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	6.545	n/a	2/3/2026	2.2	No	26	3.875	1.242	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-1	2.391	n/a	2/3/2026	0.99J	No	26	1.371	0.4742	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	5.238	n/a	2/4/2026	3	No	26	3.14	0.9759	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	6.599	n/a	2/3/2026	2.4	No	26	3.822	1.292	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-12	1.1	n/a	2/3/2026	1ND	No	26	n/a	n/a	50	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-19	3.066	n/a	2/3/2026	2.4	No	26	1.954	0.5173	3.846	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	2.573	n/a	2/3/2026	0.94J	No	24	1.245	0.6103	8.333	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	1.615	n/a	2/4/2026	1ND	No	26	0.8836	0.1802	23.08	Kaplan-Meier	sqrt(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	3.422	n/a	2/4/2026	2	No	25	2.34	0.5008	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	4.1	n/a	2/4/2026	1.1	No	26	n/a	n/a	46.15	n/a	n/a	0.002667	NP Intra (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results (No Significant)

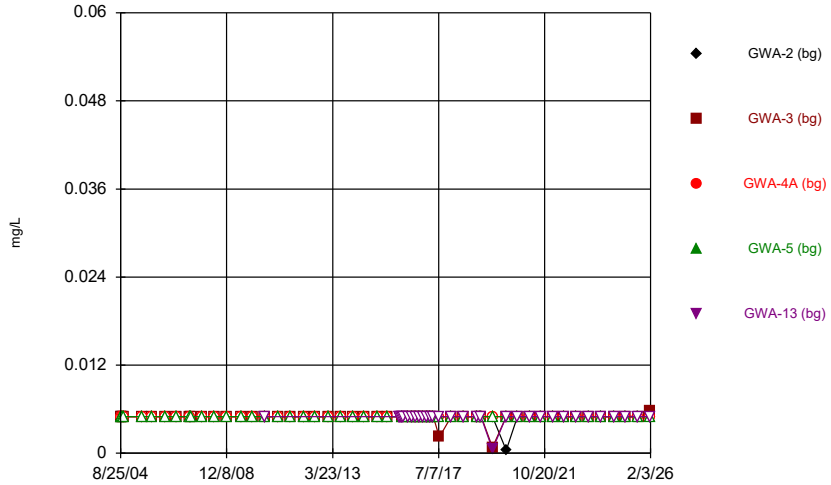
Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-1	0.11	n/a	2/3/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	2/4/2026	0.026J	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.11	n/a	2/3/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.11	n/a	2/3/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.11	n/a	2/3/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.11	n/a	2/3/2026	0.042J	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21	0.11	n/a	2/4/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23	0.11	n/a	2/4/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-9	0.11	n/a	2/4/2026	0.028J	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-1	33.2	n/a	2/3/2026	1.1	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-10	33.2	n/a	2/4/2026	21	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-11	33.2	n/a	2/3/2026	11	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-12	33.2	n/a	2/3/2026	0.65	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	33.2	n/a	2/3/2026	5.8	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	33.2	n/a	2/3/2026	1.4	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21	33.2	n/a	2/4/2026	1.2	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23	33.2	n/a	2/4/2026	1.1	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	33.2	n/a	2/4/2026	3	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1	9.4	n/a	2/3/2026	4.7	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	9.4	n/a	2/4/2026	5.8	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	9.4	n/a	2/3/2026	5.1	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	9.4	n/a	2/3/2026	3.8	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	9.4	n/a	2/3/2026	5	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	9.4	n/a	2/3/2026	7.7	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	9.4	n/a	2/4/2026	7	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-23	9.4	n/a	2/4/2026	5.3	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	9.4	n/a	2/4/2026	8.5	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.74	n/a	2/3/2026	0.11J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.74	n/a	2/4/2026	0.19J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.74	n/a	2/3/2026	0.31	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.74	n/a	2/3/2026	0.11J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.74	n/a	2/3/2026	0.17J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.74	n/a	2/3/2026	0.11J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-21	0.74	n/a	2/4/2026	0.097J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-23	0.74	n/a	2/4/2026	0.12J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-9	0.74	n/a	2/4/2026	0.14J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
pH, Field (SU)	GWC-1	7.1	4.21	2/3/2026	4.84	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-10	7.1	4.21	2/4/2026	6.35	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-11	7.1	4.21	2/3/2026	6.16	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-12	7.1	4.21	2/3/2026	4.91	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-19	7.1	4.21	2/3/2026	5.43	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-20	7.1	4.21	2/3/2026	4.72	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-21	7.1	4.21	2/4/2026	4.68	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-23	7.1	4.21	2/4/2026	4.94	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-9	7.1	4.21	2/4/2026	5.29	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-1	150	n/a	2/3/2026	50	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-10	150	n/a	2/4/2026	95	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-11	150	n/a	2/3/2026	92	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-12	150	n/a	2/3/2026	22	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-19	150	n/a	2/3/2026	56	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-20	150	n/a	2/3/2026	51	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-21	150	n/a	2/4/2026	5ND	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-23	150	n/a	2/4/2026	5ND	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-9	150	n/a	2/4/2026	17	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2

FIGURE A.

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Hollow symbols indicate censored values.

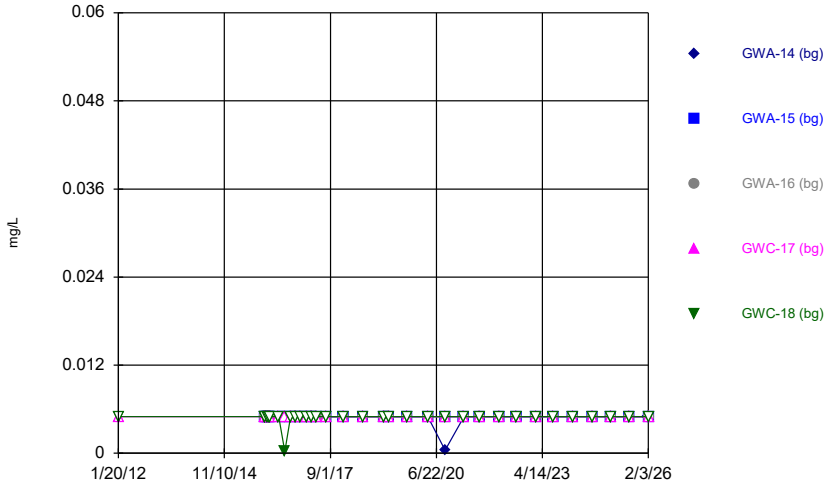
Time Series



Constituent: Antimony Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

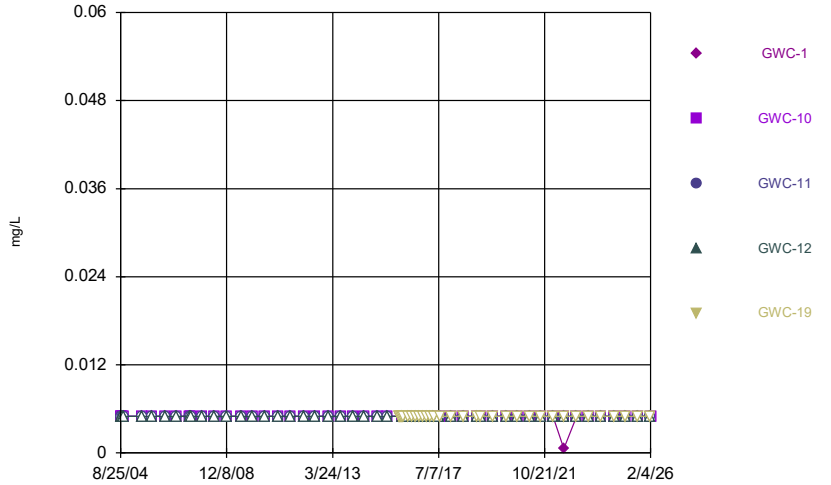
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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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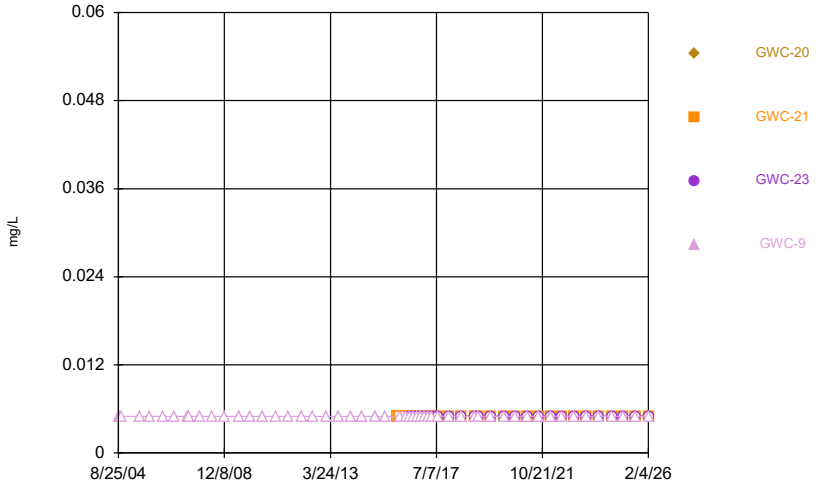
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Constituent: Antimony Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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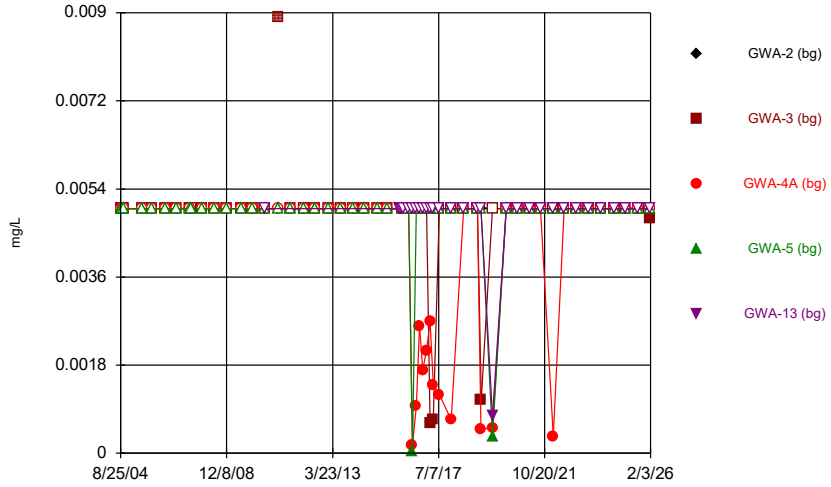
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Constituent: Antimony Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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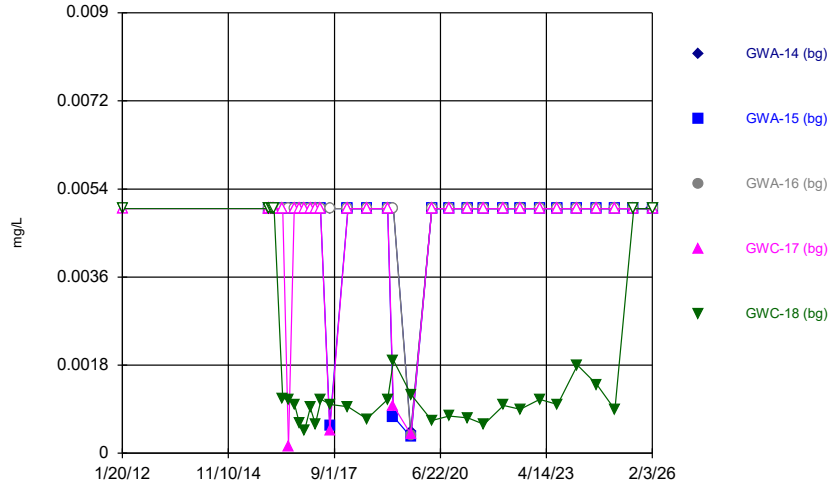
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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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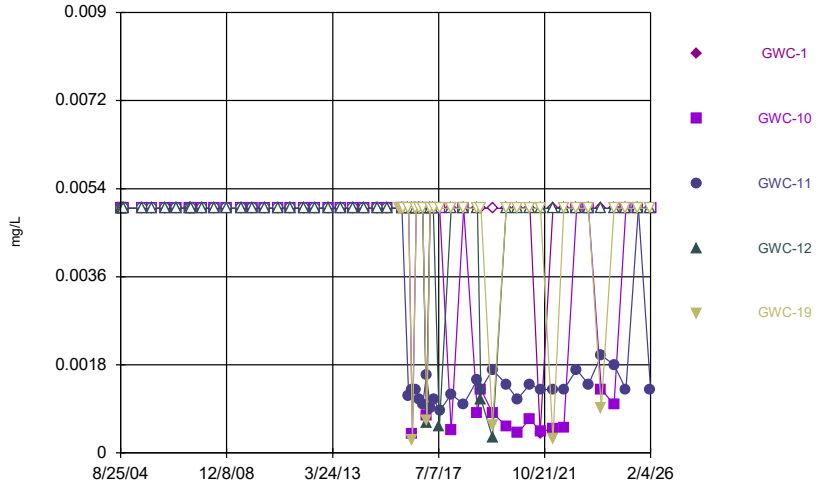
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Constituent: Arsenic Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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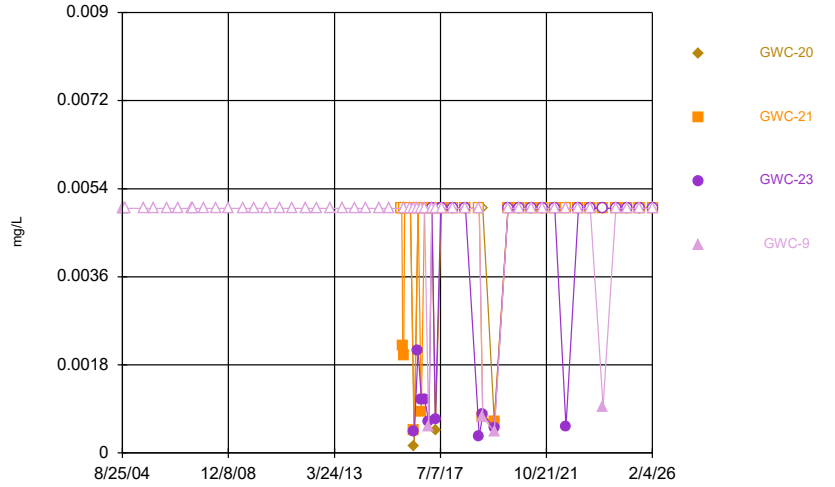
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Constituent: Arsenic Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

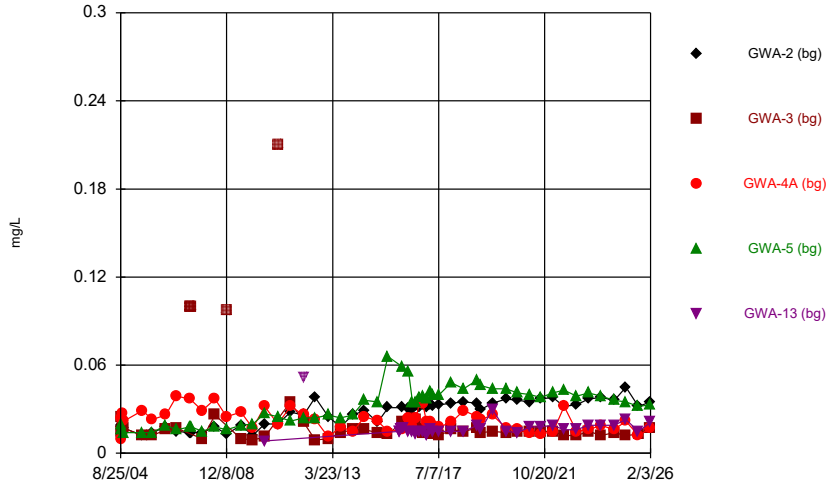
Time Series



Constituent: Arsenic Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Time Series

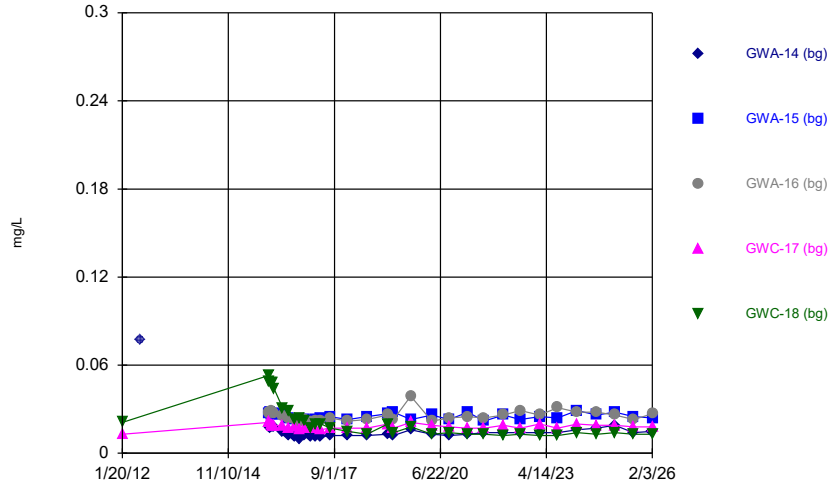


Constituent: Barium Analysis Run 4/16/2026 8:38 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Time Series

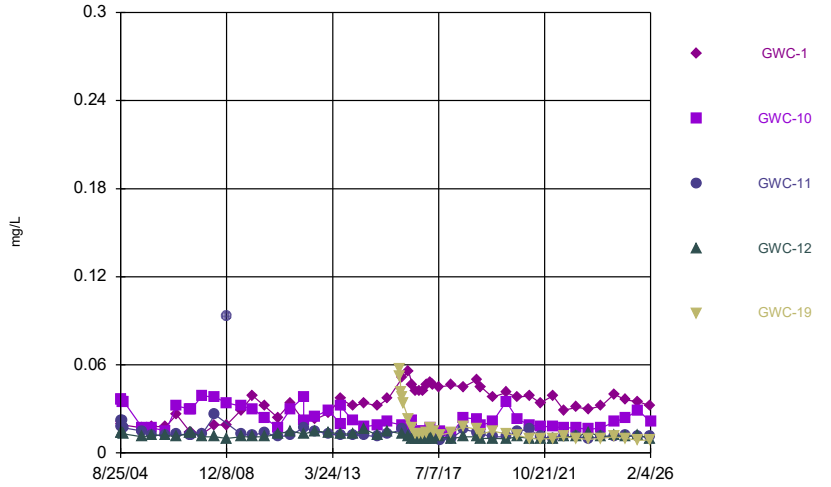


Constituent: Barium Analysis Run 4/16/2026 8:38 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Time Series

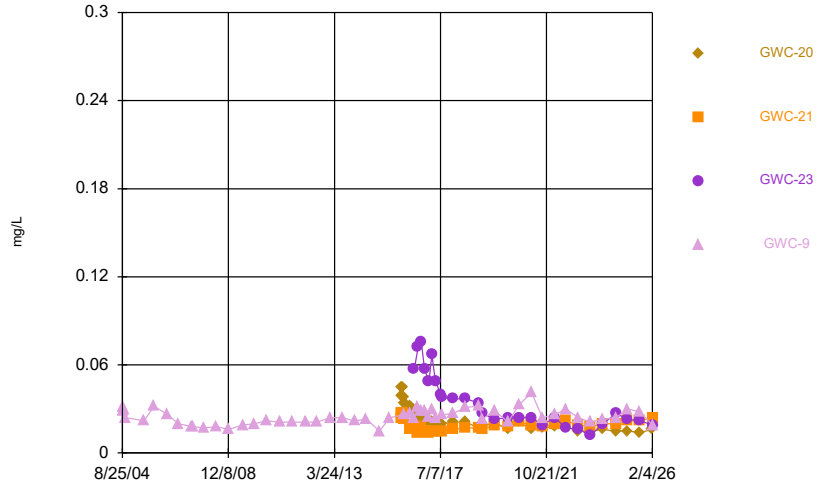


Constituent: Barium Analysis Run 4/16/2026 8:38 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

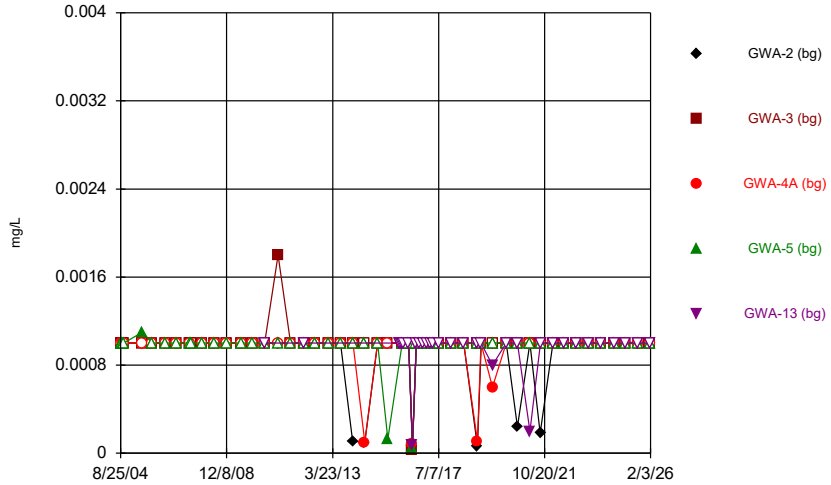


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

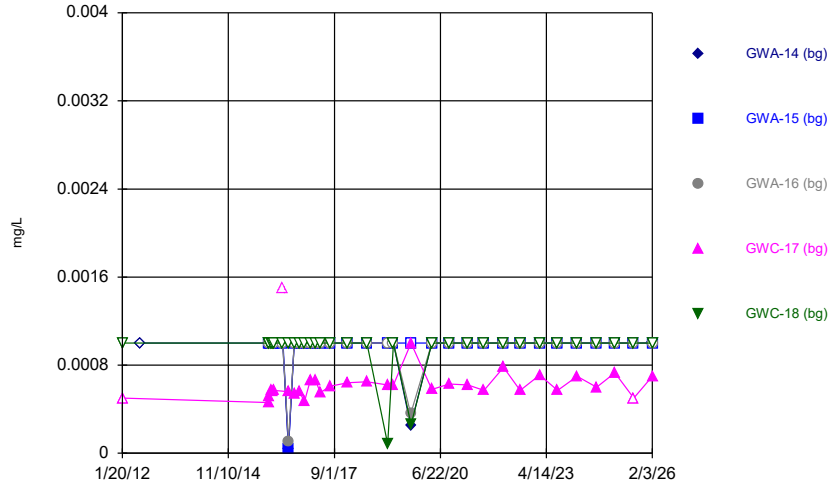
Time Series



Constituent: Beryllium Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

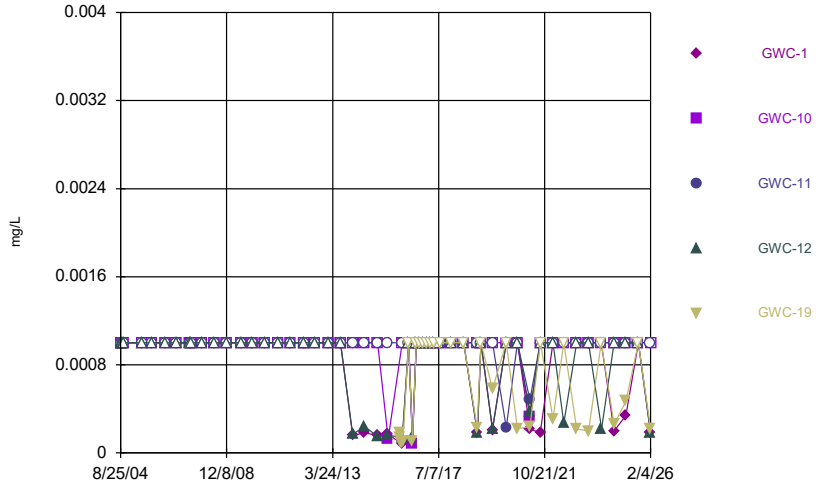
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Constituent: Beryllium Analysis Run 4/16/2026 8:38 AM
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Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

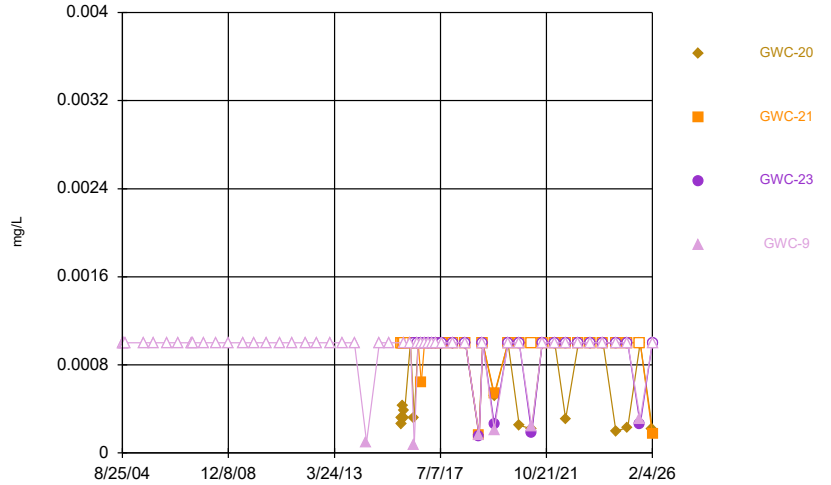
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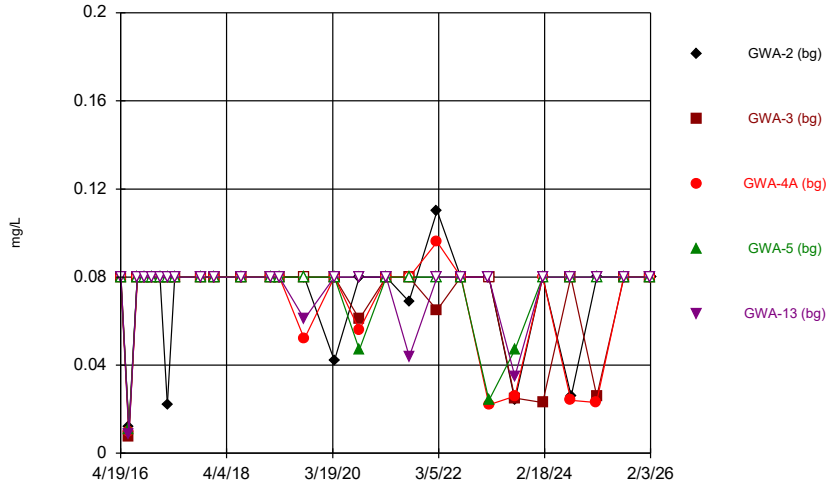
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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

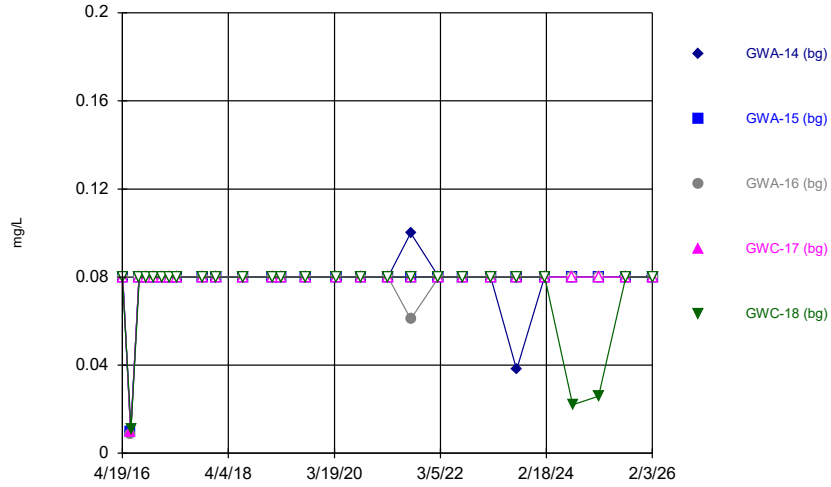
Time Series



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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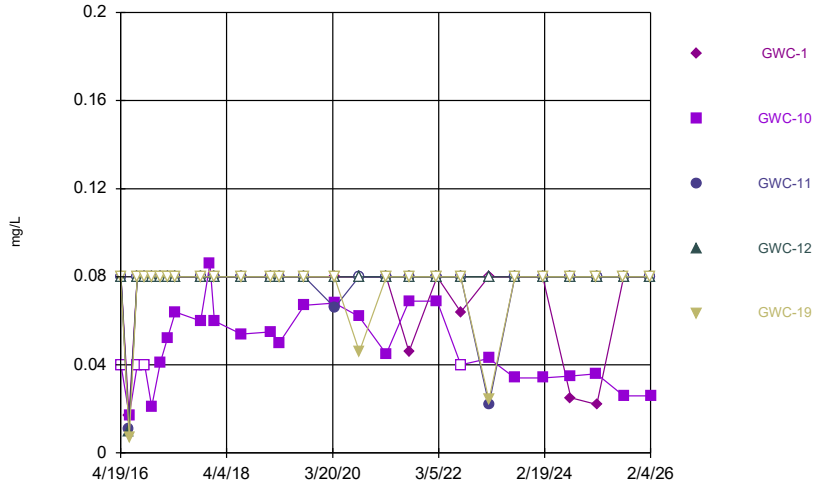
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Constituent: Boron Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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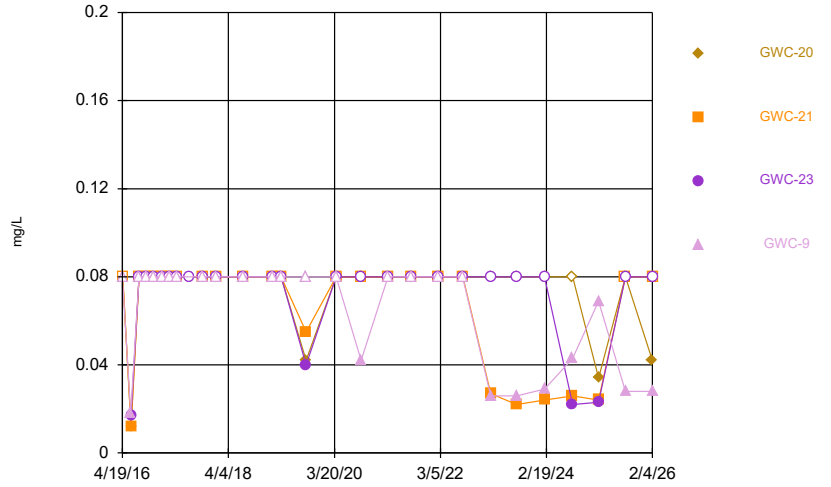
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Constituent: Boron Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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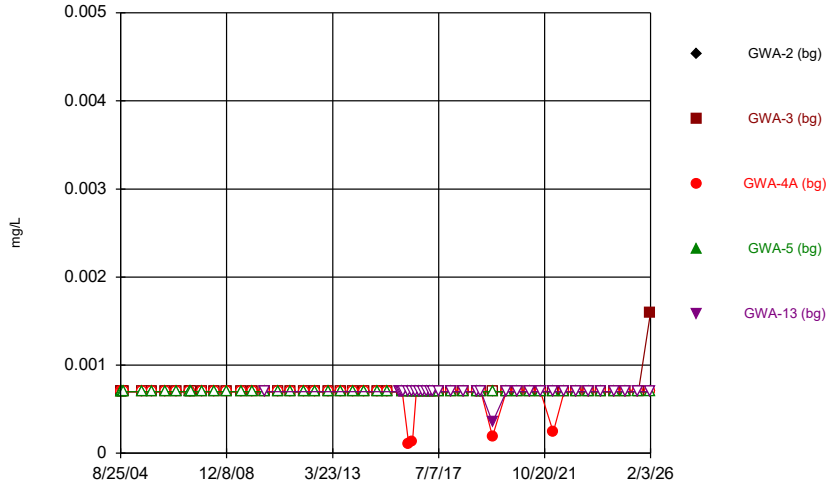
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Constituent: Boron Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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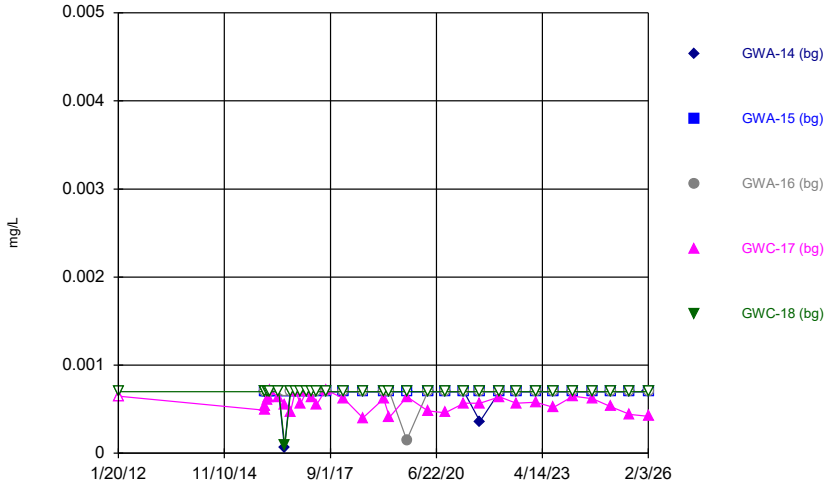
Time Series



Constituent: Cadmium Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

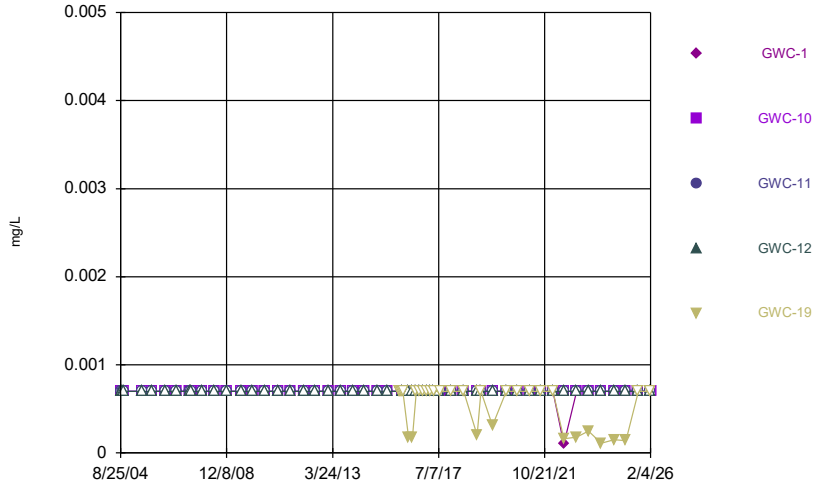
Time Series



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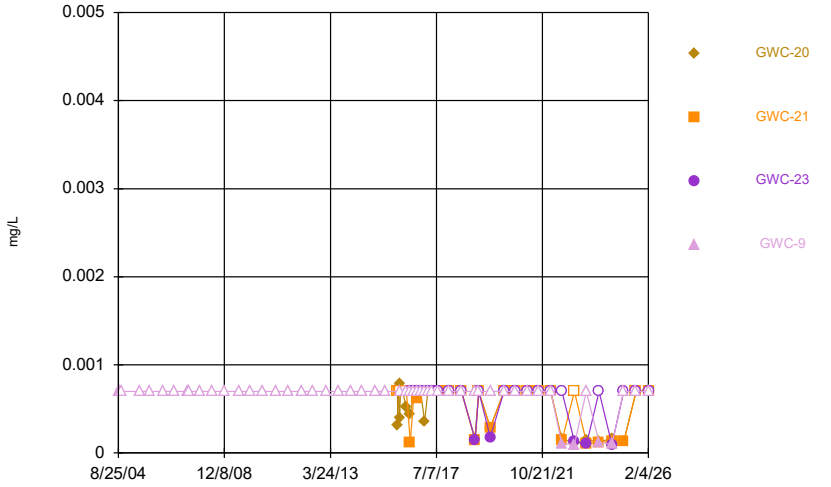
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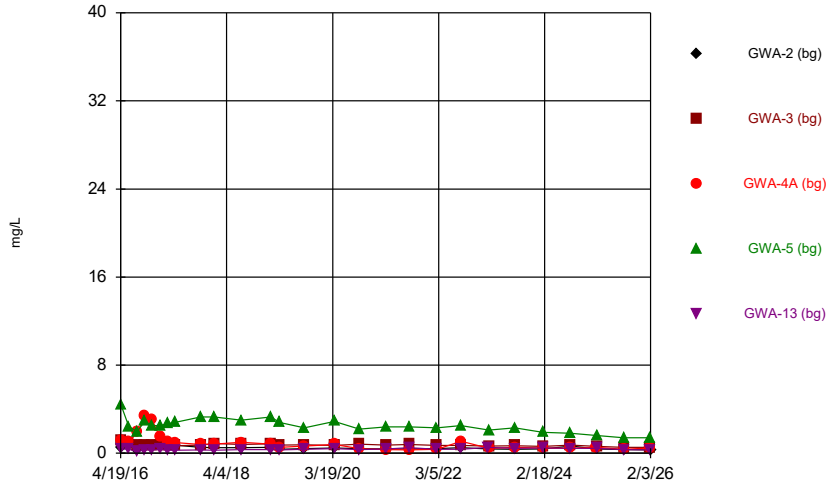
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Constituent: Cadmium Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

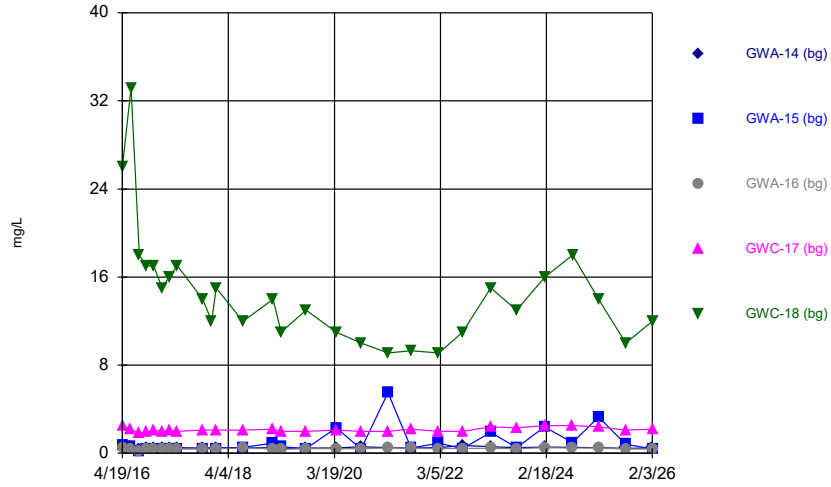


Constituent: Calcium Analysis Run 4/16/2026 8:38 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

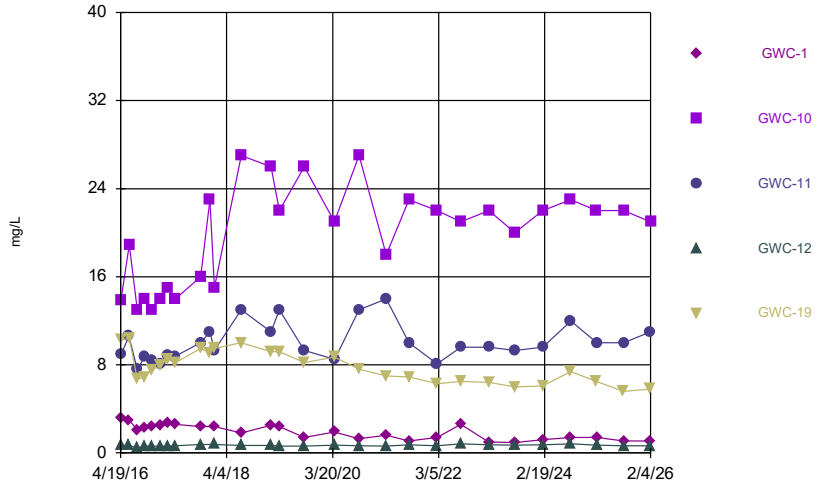


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

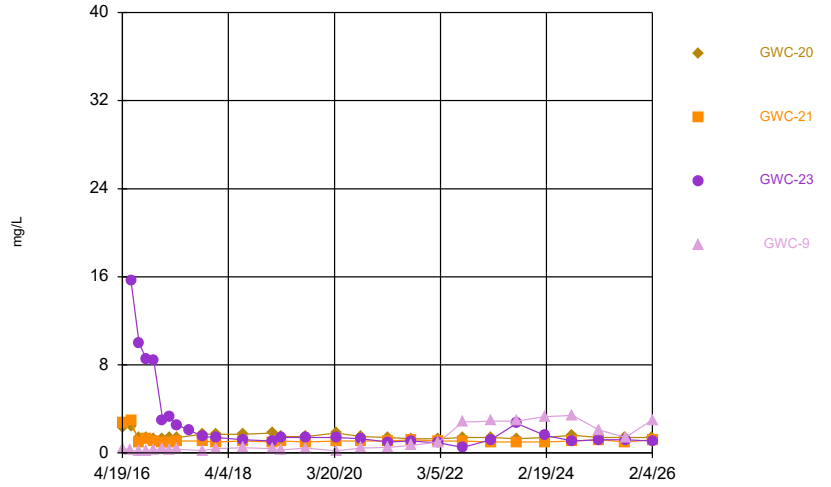


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

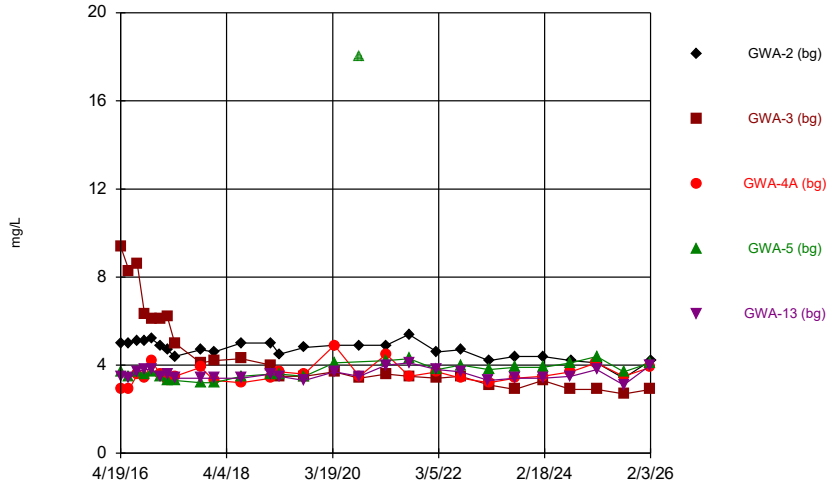


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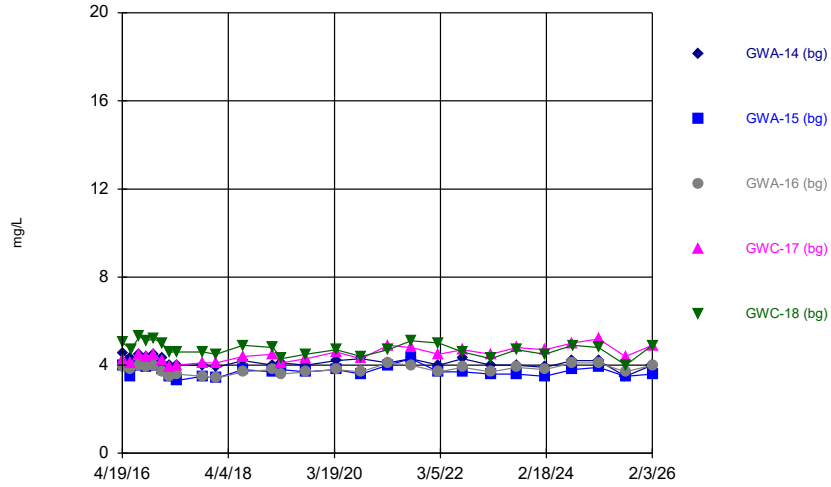
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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

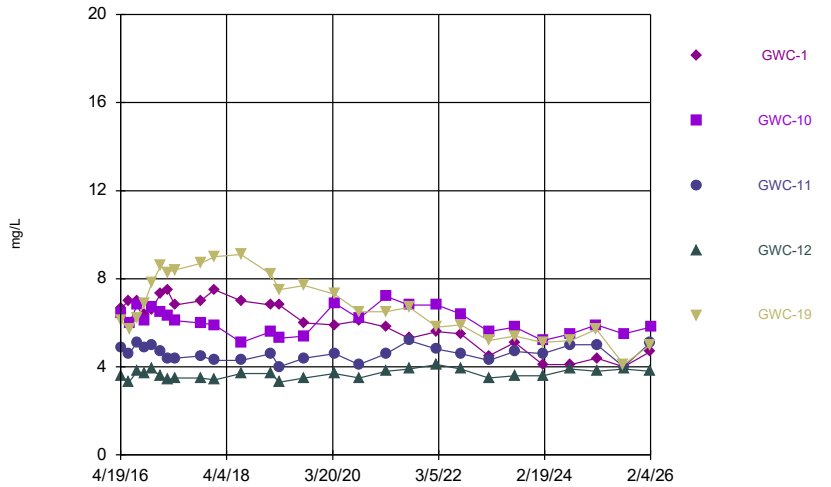
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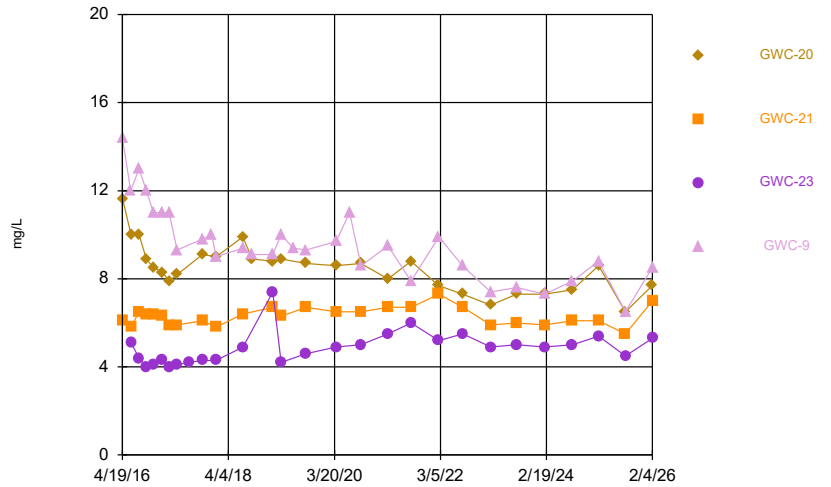
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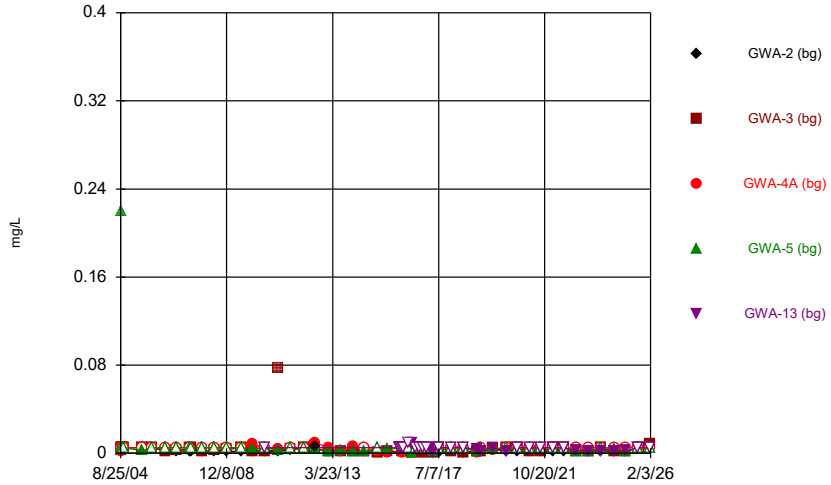
Time Series



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Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

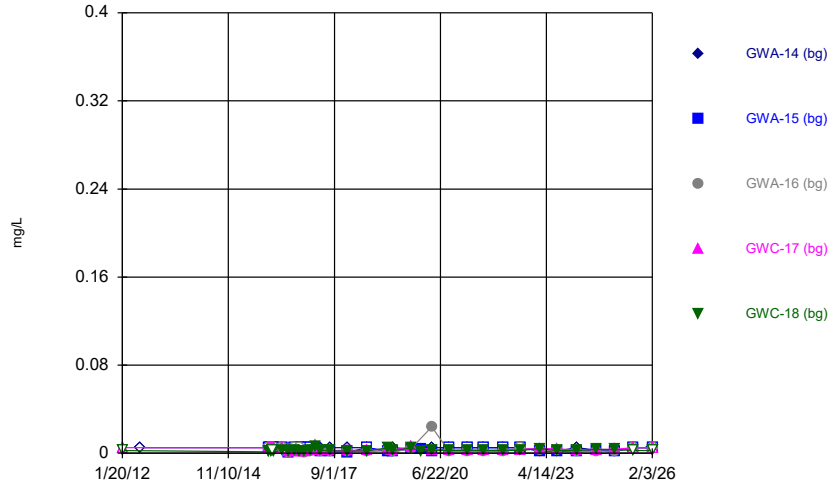
Time Series



Constituent: Chromium Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

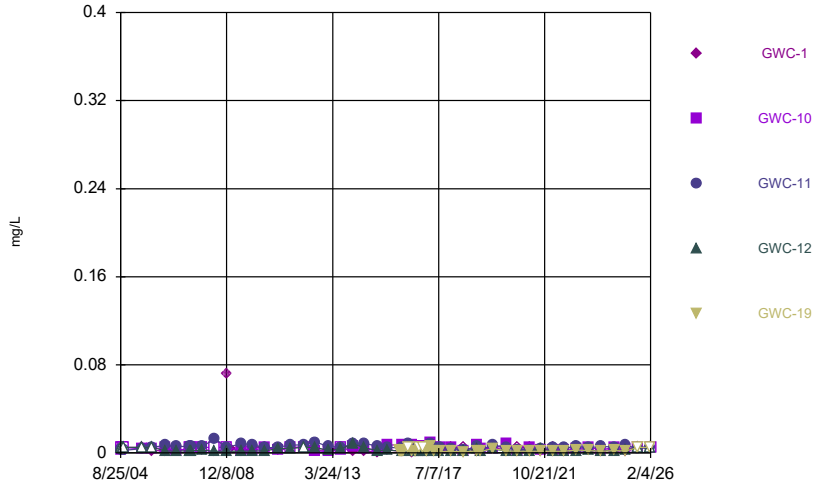
Time Series



Constituent: Chromium Analysis Run 4/16/2026 8:38 AM
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Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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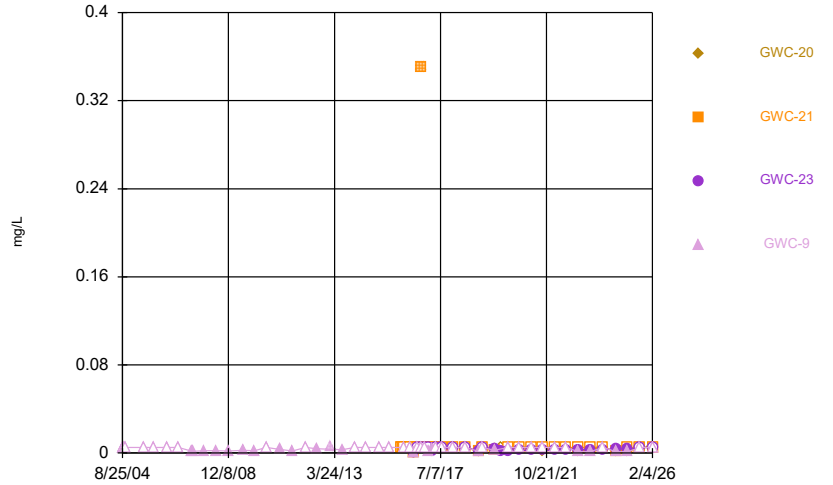
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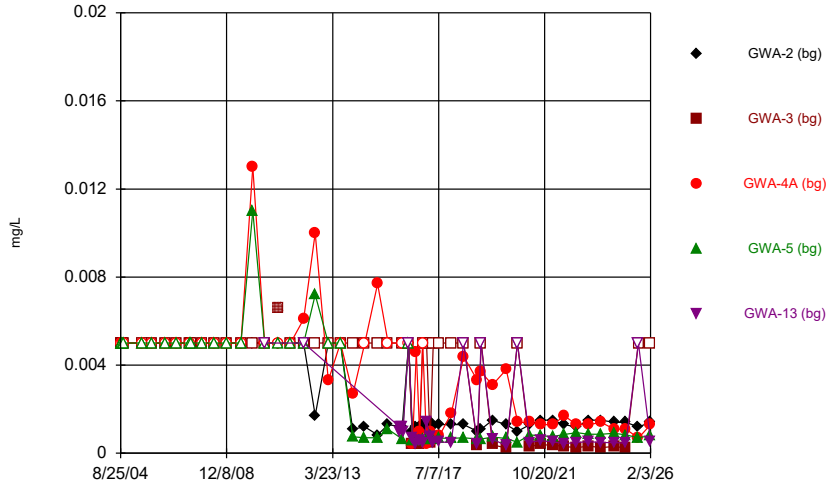
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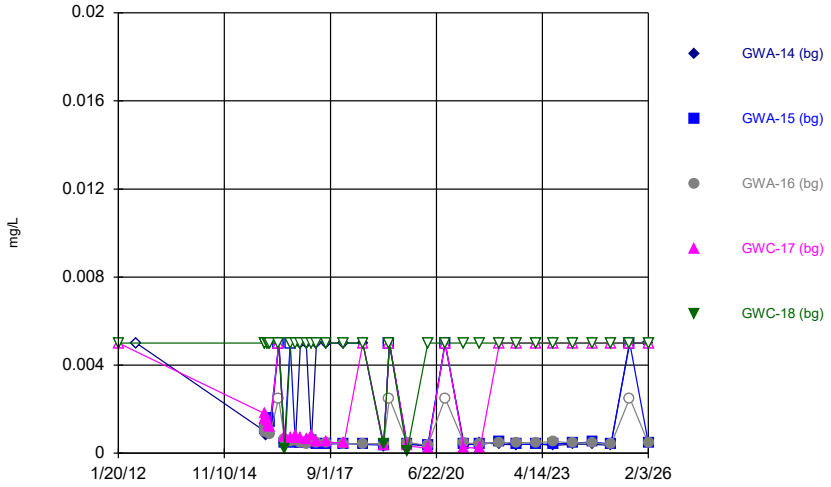
Time Series



Constituent: Cobalt Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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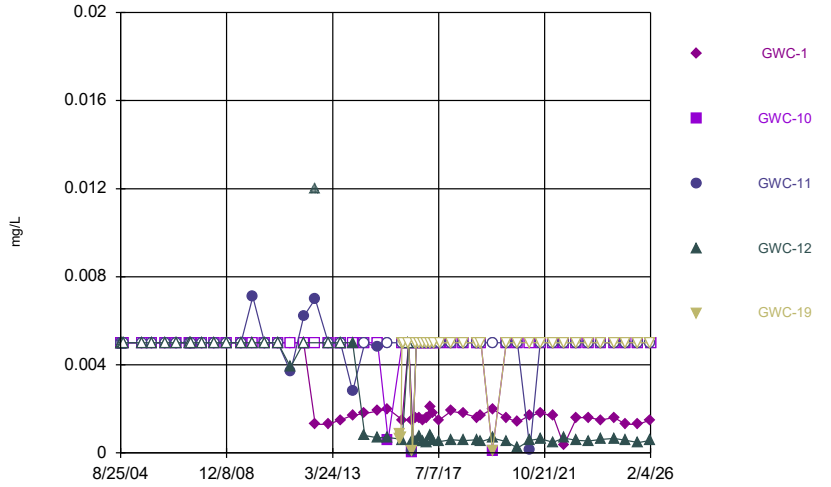
Time Series



Constituent: Cobalt Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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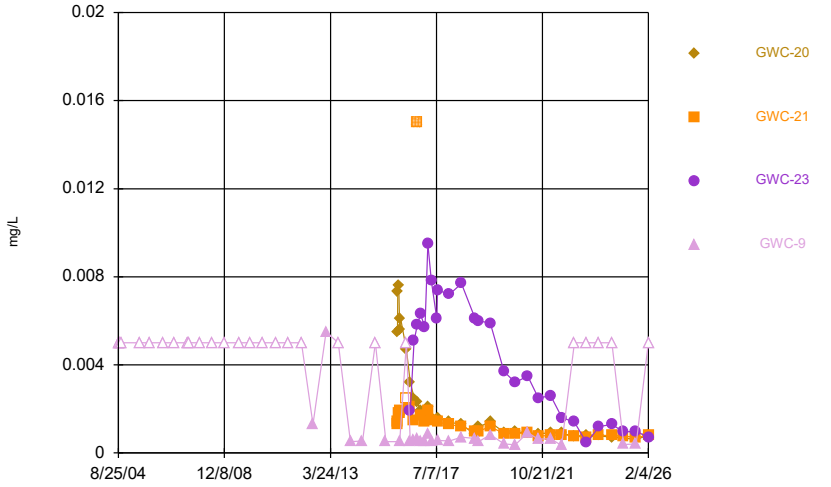
Time Series



Constituent: Cobalt Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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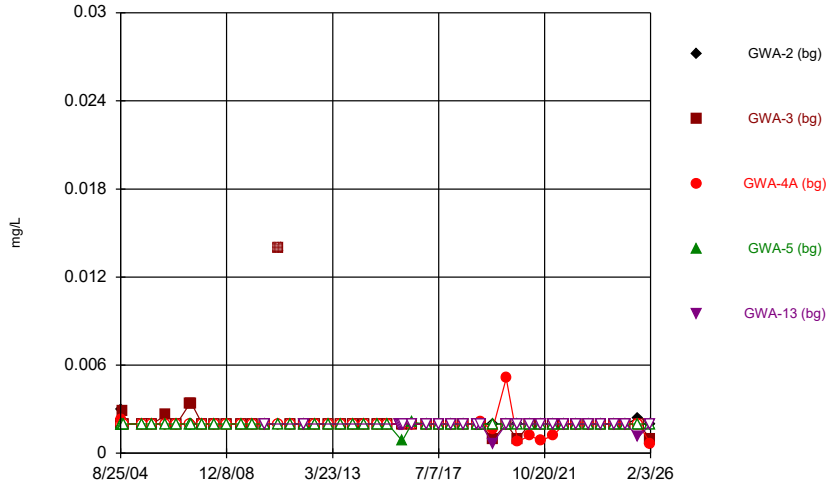
Time Series



Constituent: Cobalt Analysis Run 4/16/2026 8:38 AM
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Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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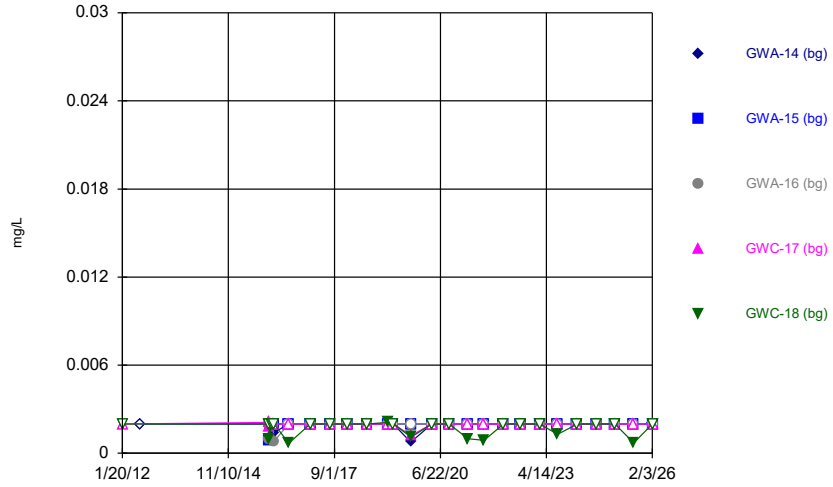
Time Series



Constituent: Copper Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

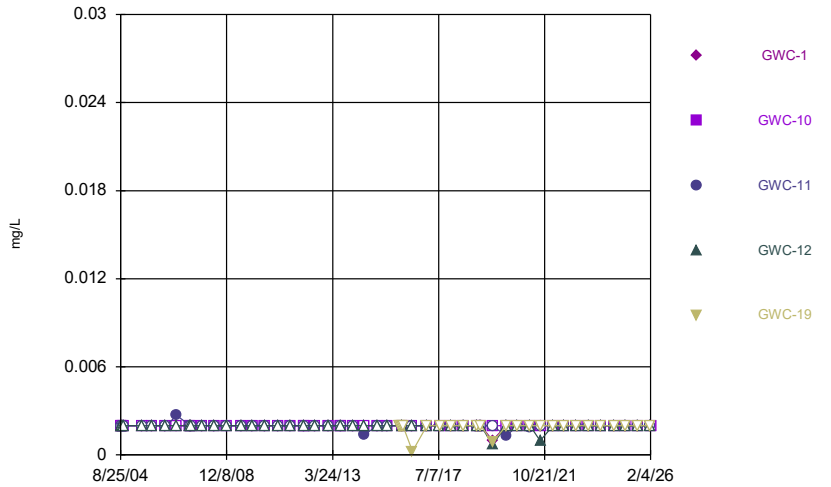
Time Series



Constituent: Copper Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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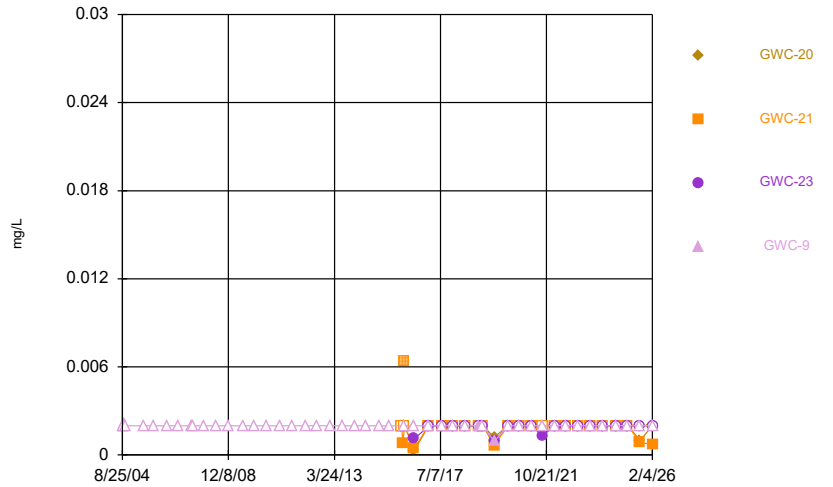
Time Series



Constituent: Copper Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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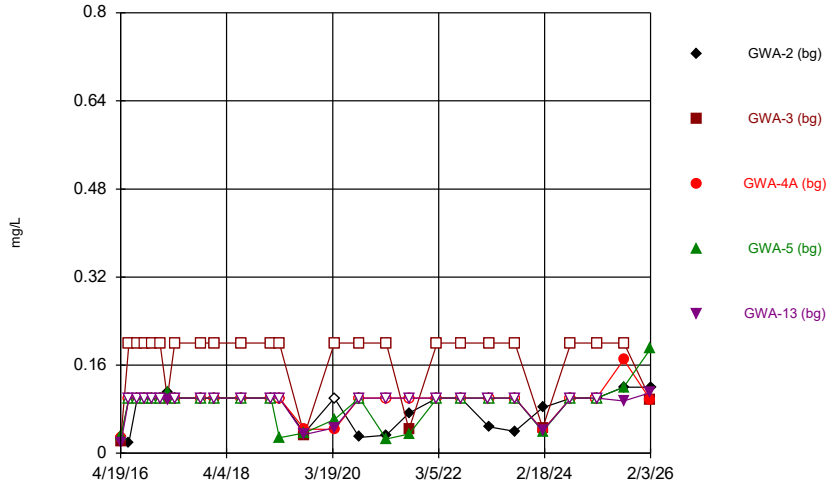
Time Series



Constituent: Copper Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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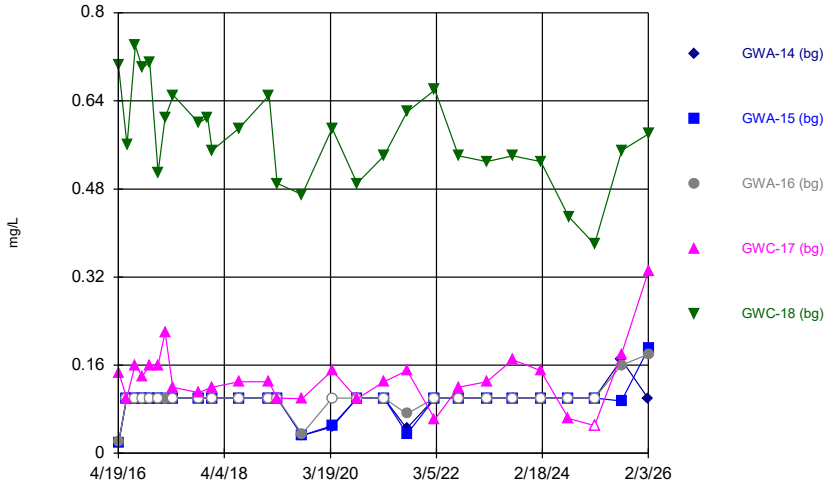
Time Series



Constituent: Fluoride Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

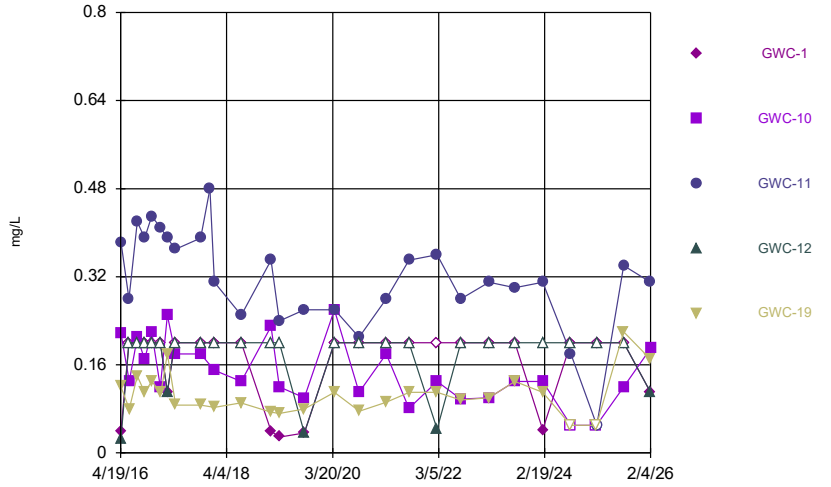
Time Series



Constituent: Fluoride Analysis Run 4/16/2026 8:38 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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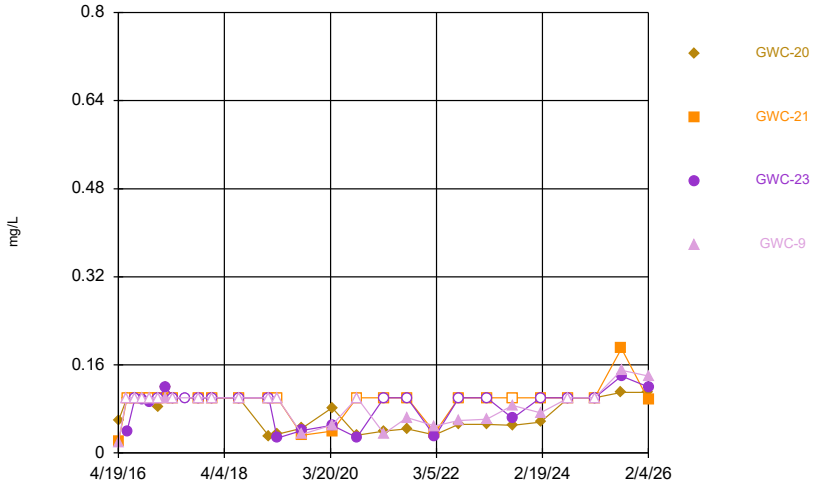
Time Series



Constituent: Fluoride Analysis Run 4/16/2026 8:39 AM
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Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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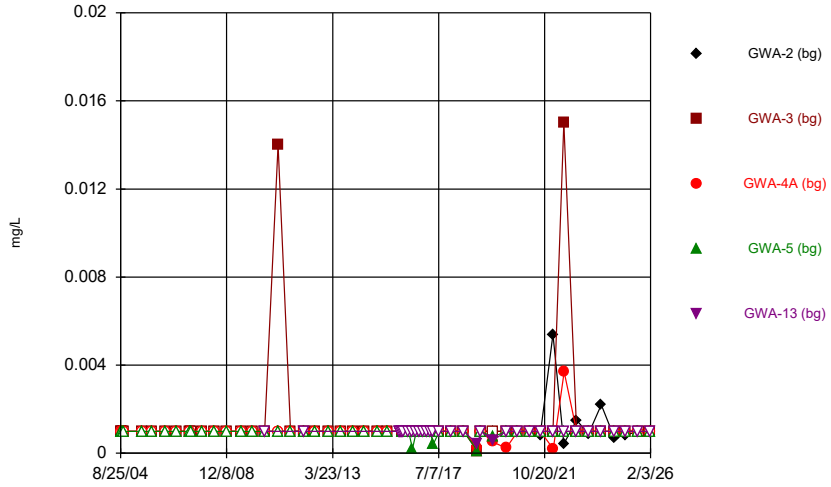
Time Series



Constituent: Fluoride Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

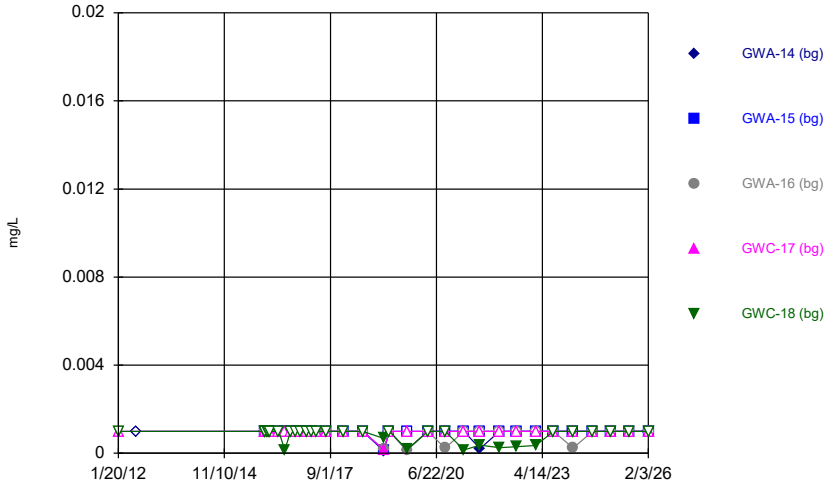
Time Series



Constituent: Lead Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

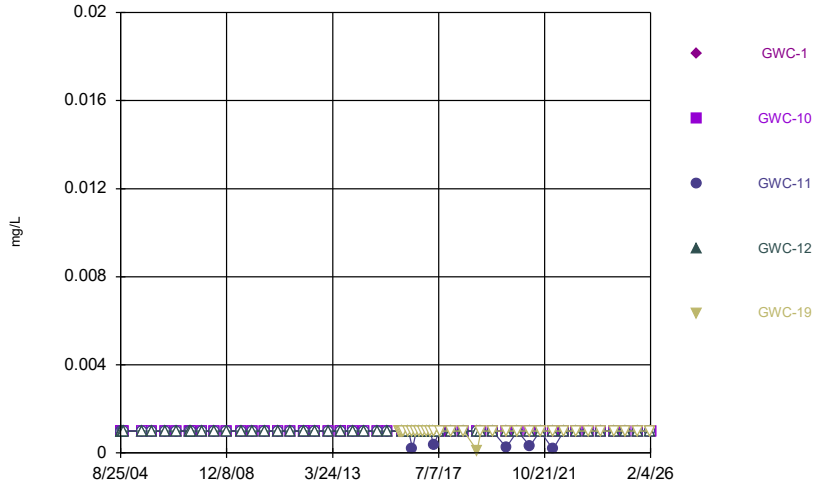
Time Series



Constituent: Lead Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

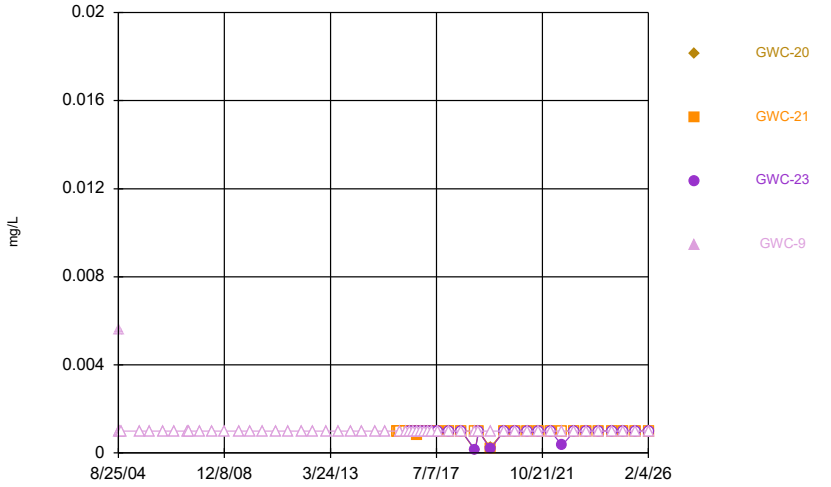
Time Series



Constituent: Lead Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

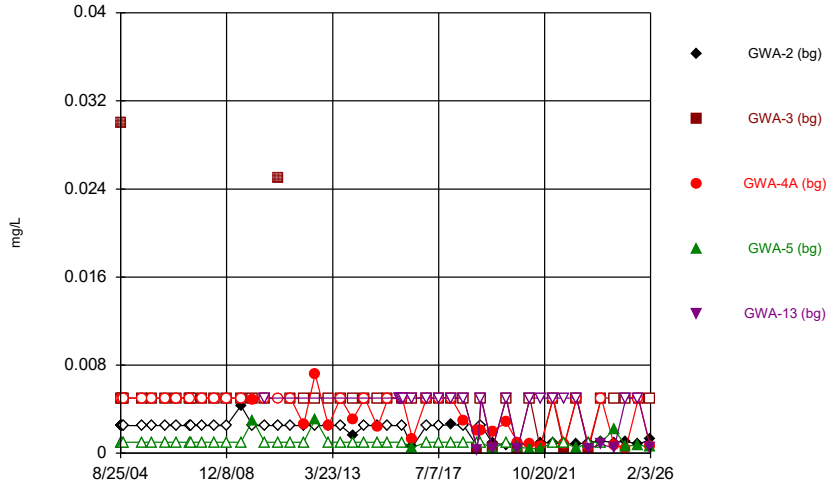
Time Series



Constituent: Lead Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

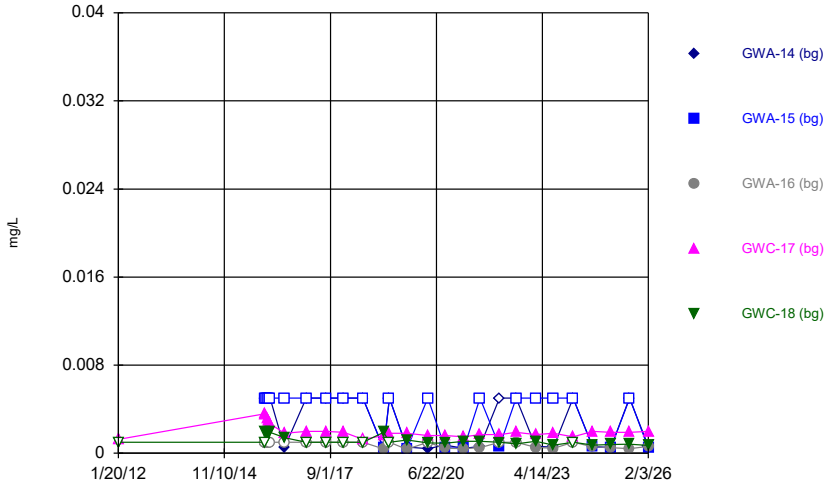
Time Series



Constituent: Nickel Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

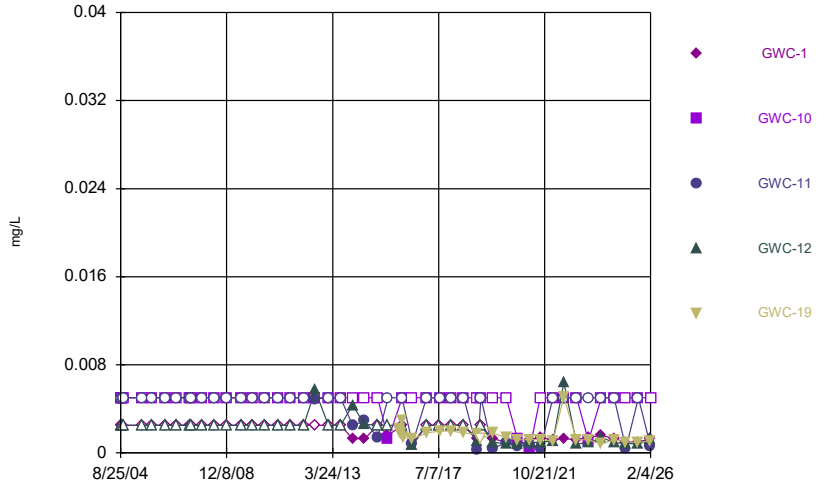
Time Series



Constituent: Nickel Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

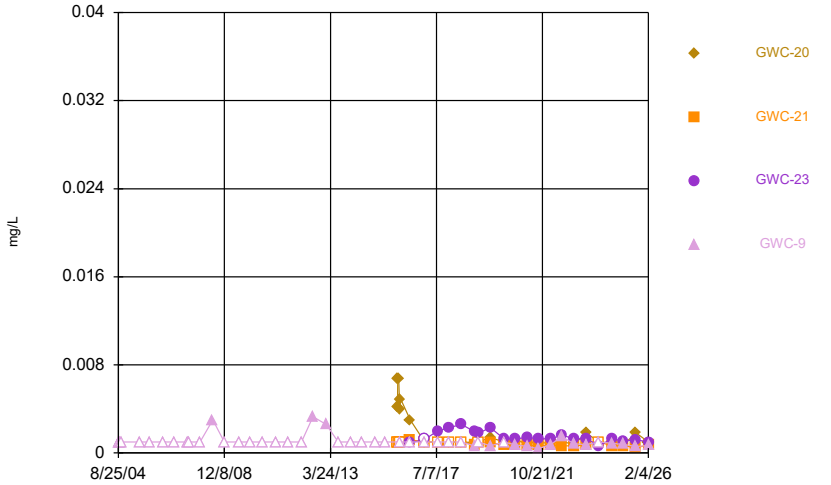
Time Series



Constituent: Nickel Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

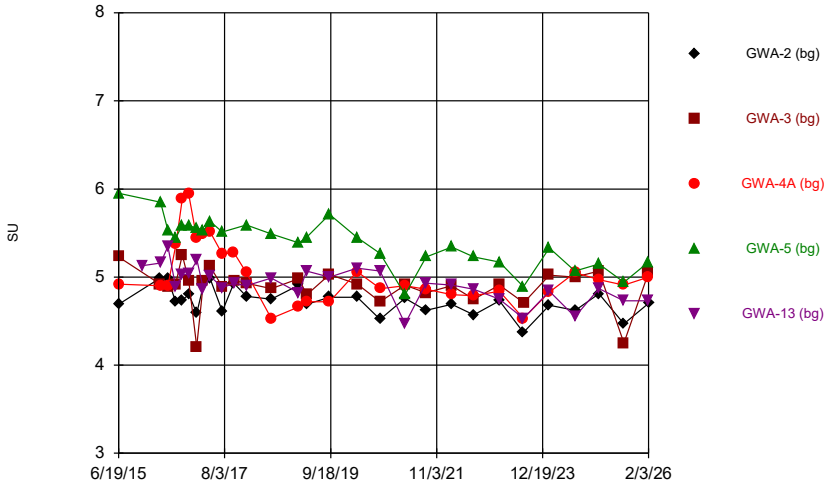
Time Series



Constituent: Nickel Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

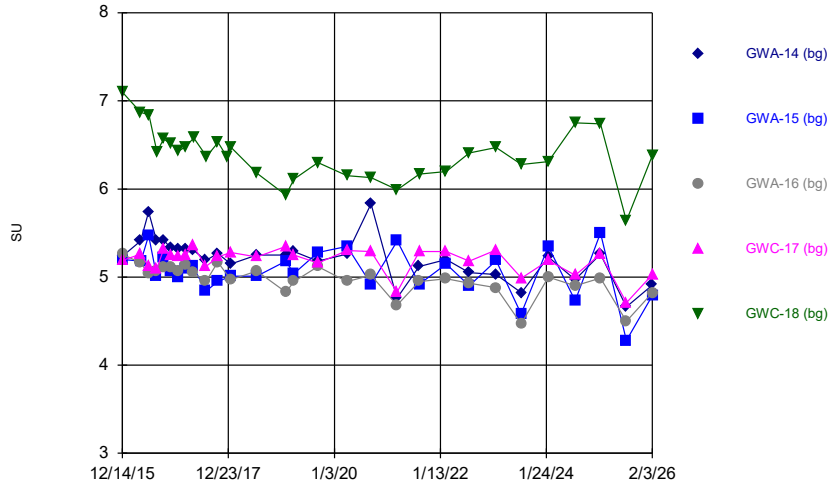


Constituent: pH, Field Analysis Run 4/16/2026 8:39 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

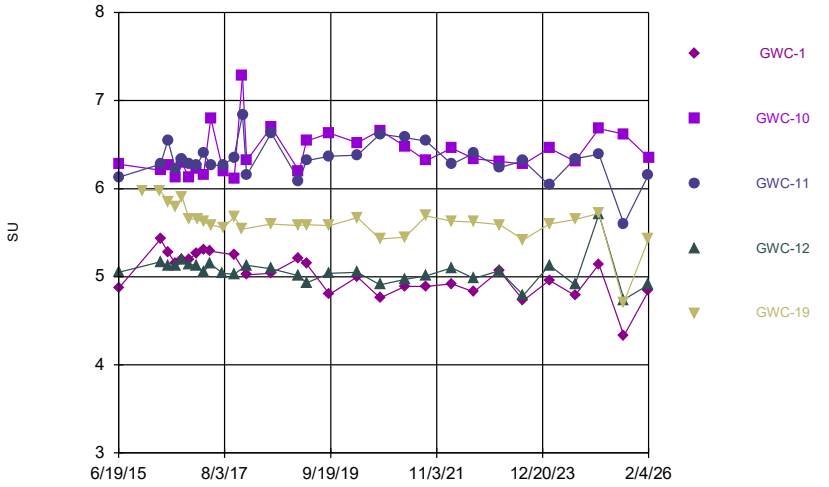


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

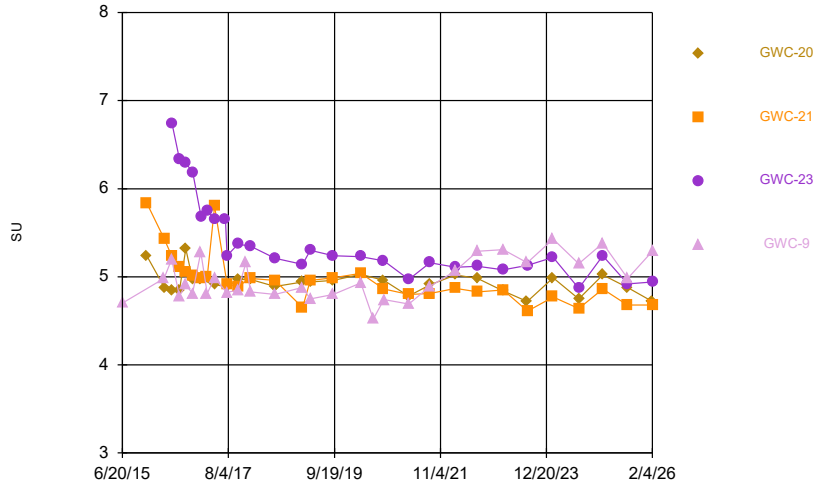


Constituent: pH, Field Analysis Run 4/16/2026 8:39 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series

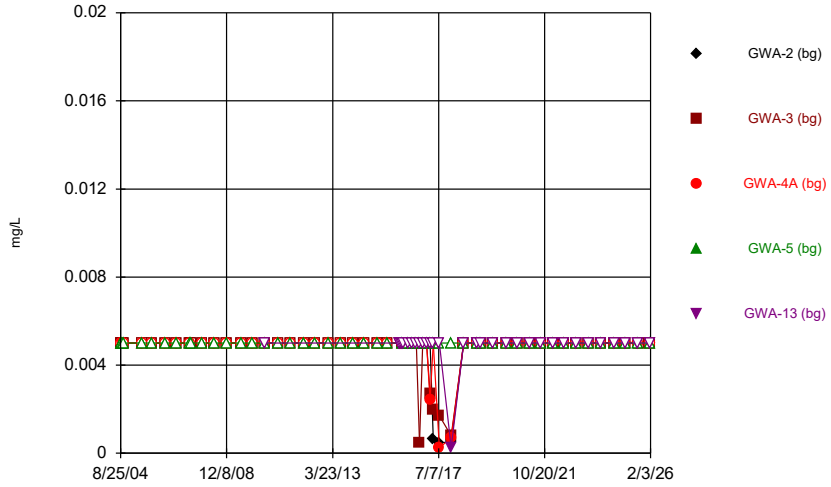


Constituent: pH, Field Analysis Run 4/16/2026 8:39 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

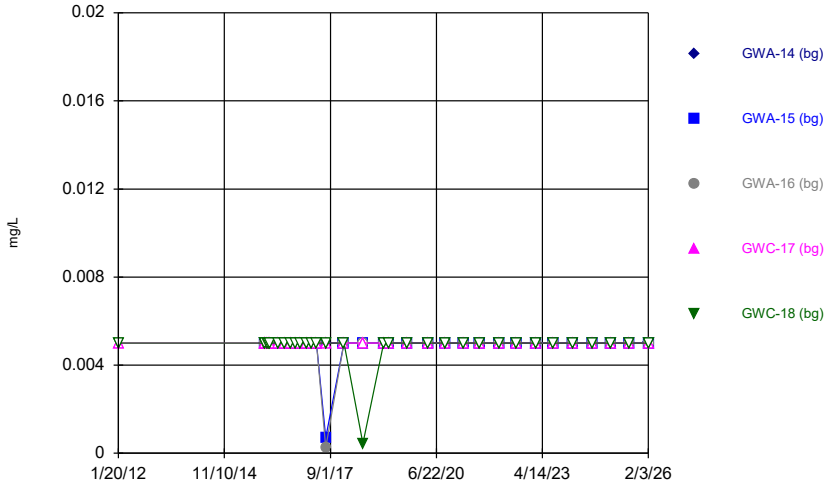
Time Series



Constituent: Selenium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

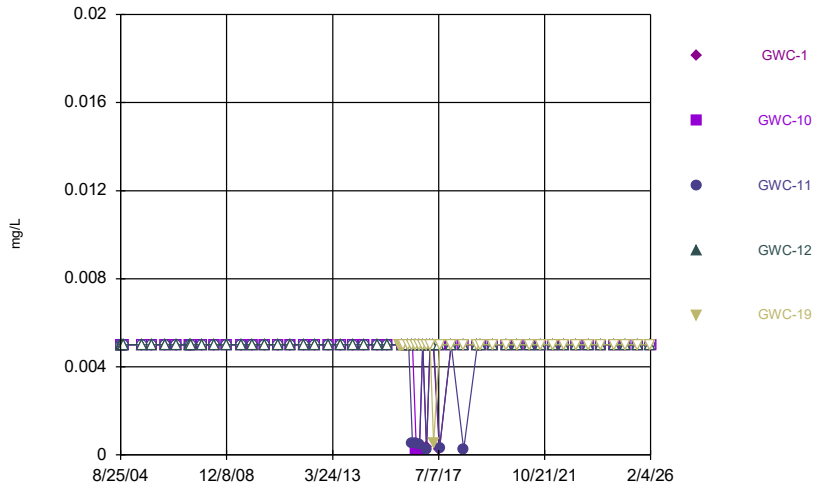
Time Series



Constituent: Selenium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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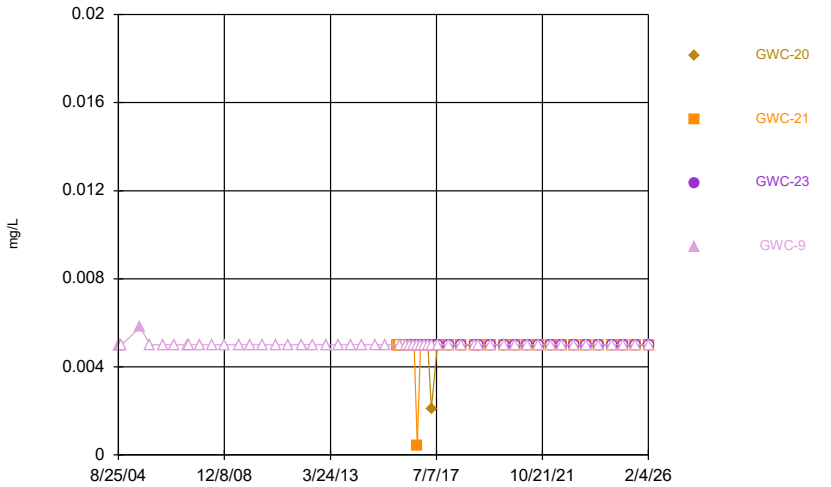
Time Series



Constituent: Selenium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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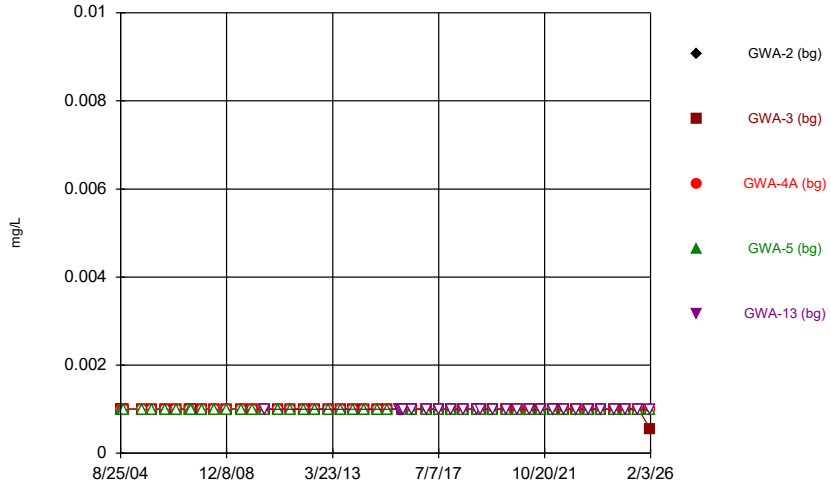
Time Series



Constituent: Selenium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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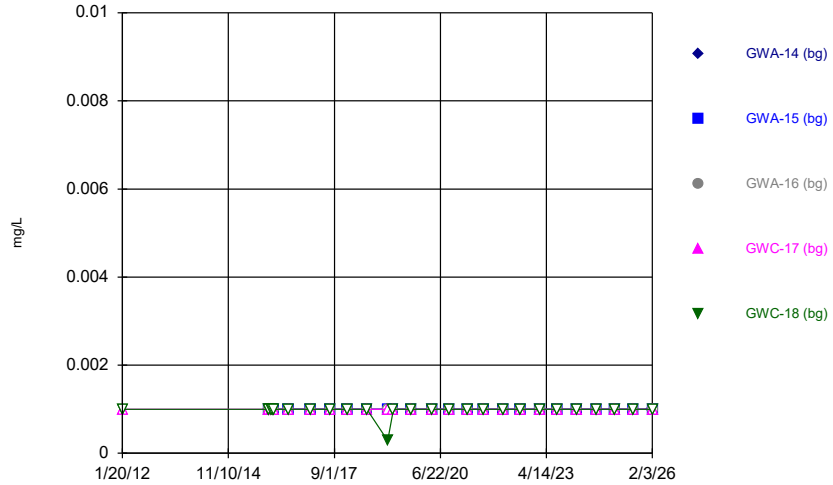
Time Series



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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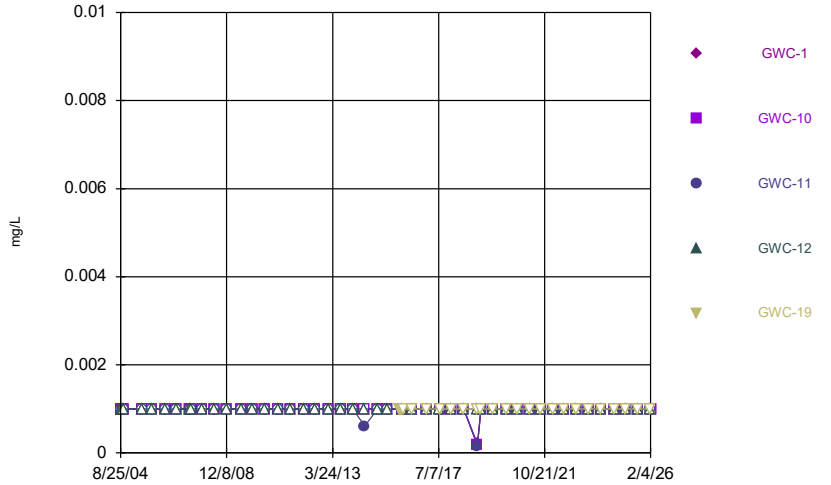
Time Series



Constituent: Silver Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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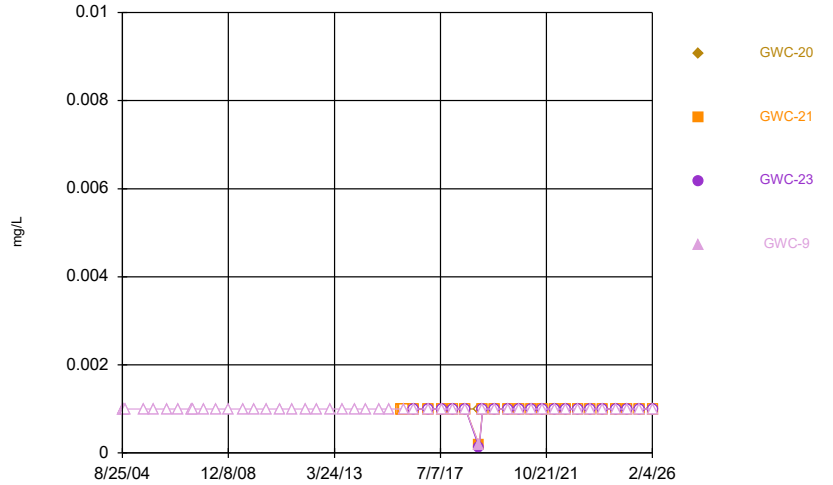
Time Series



Constituent: Silver Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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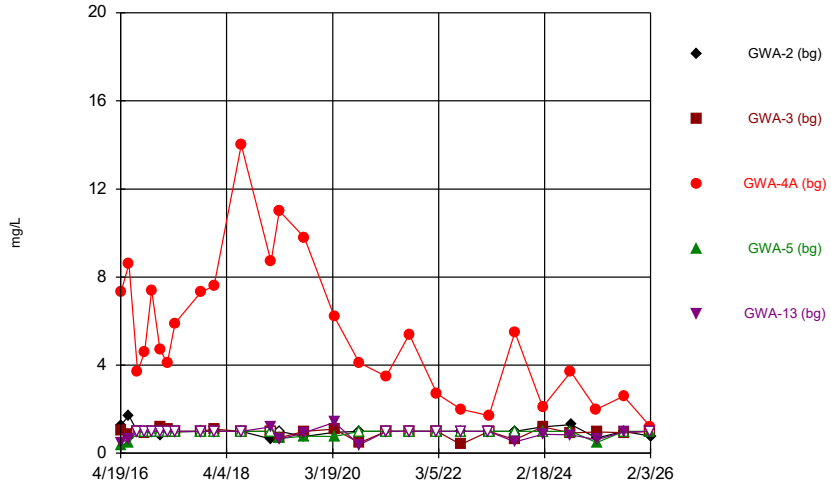
Time Series



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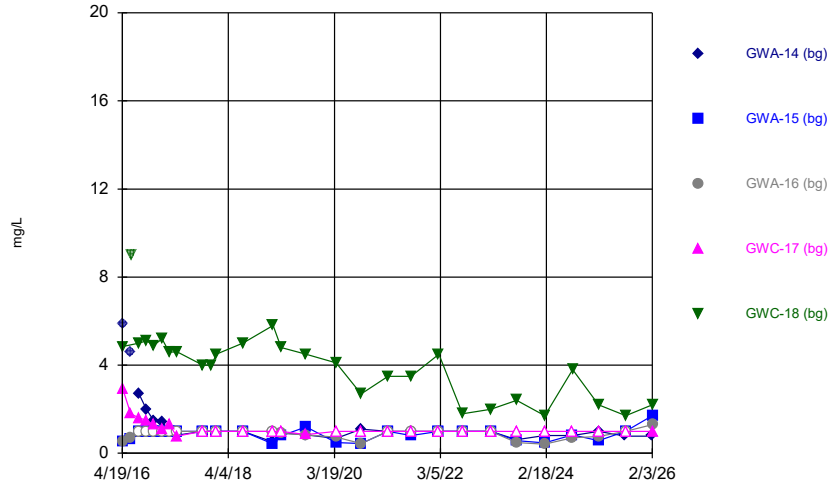
Time Series



Constituent: Sulfate Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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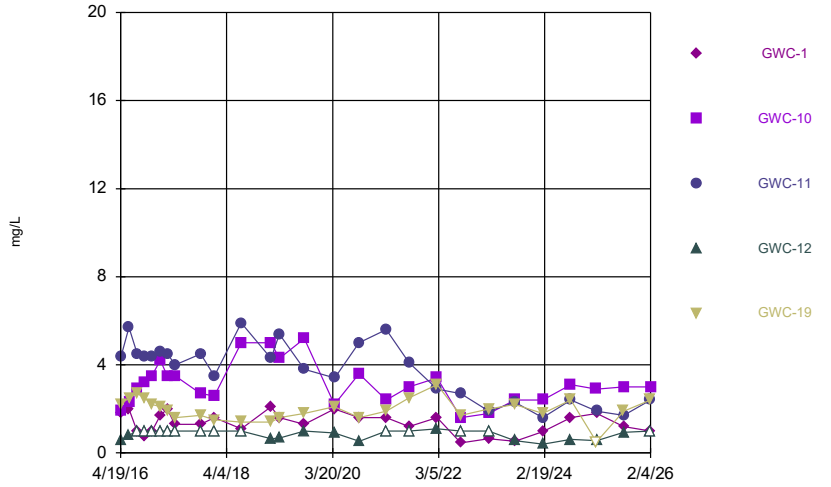
Time Series



Constituent: Sulfate Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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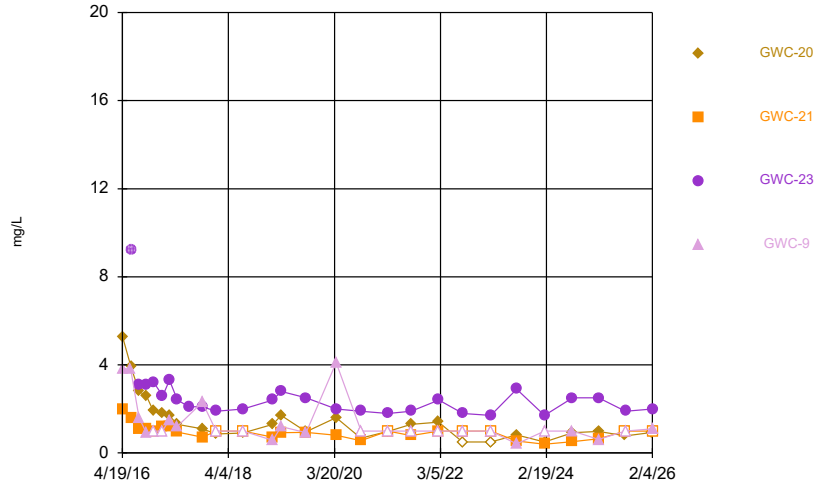
Time Series



Constituent: Sulfate Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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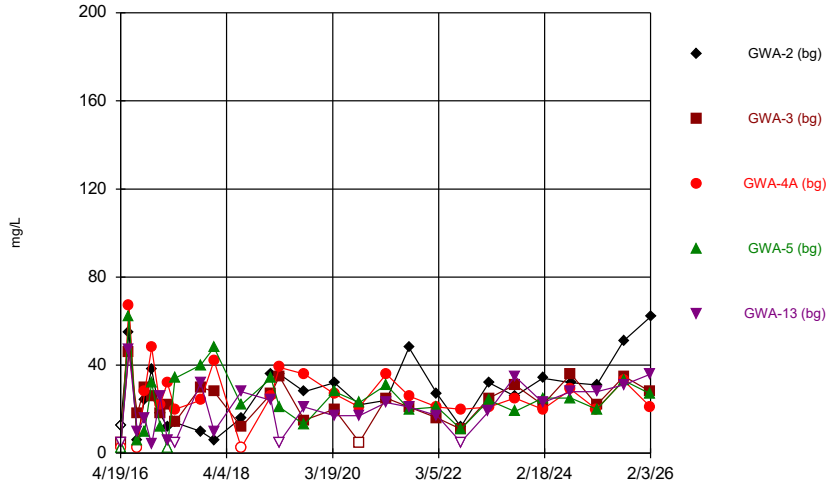
Time Series



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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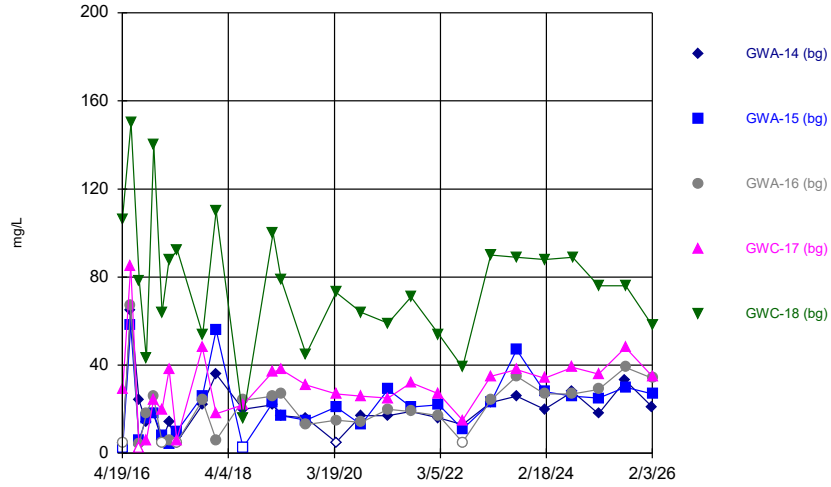
Time Series



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

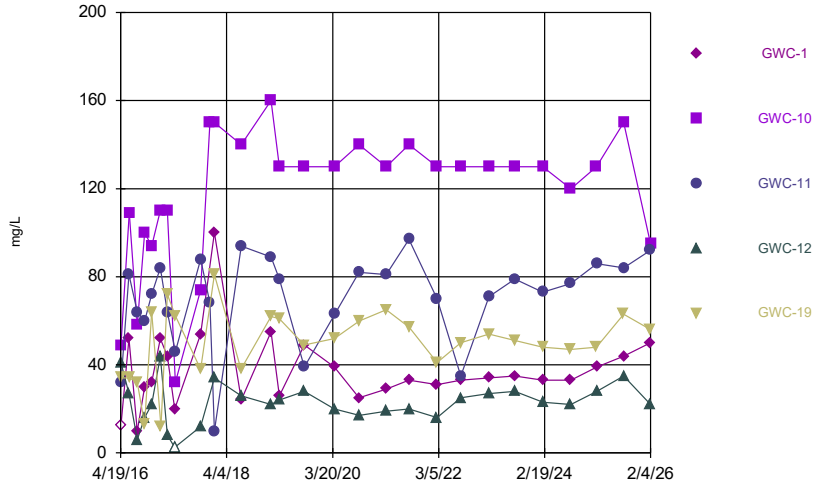
Time Series



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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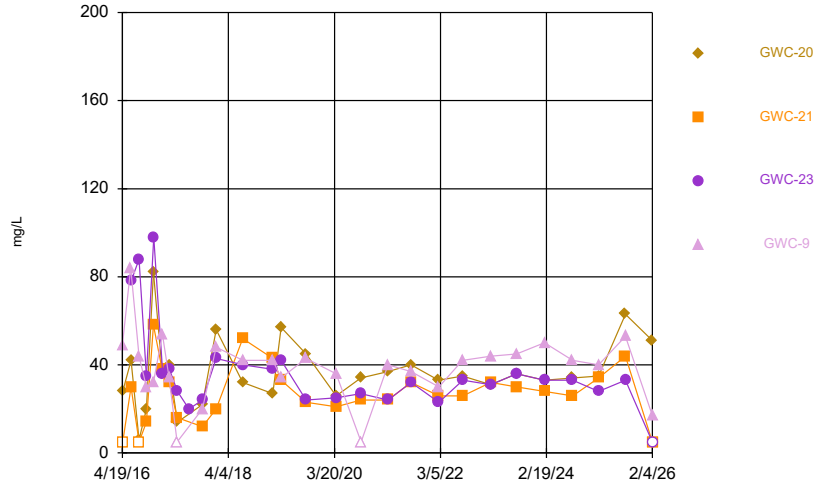
Time Series



Constituent: TDS Analysis Run 4/16/2026 8:39 AM
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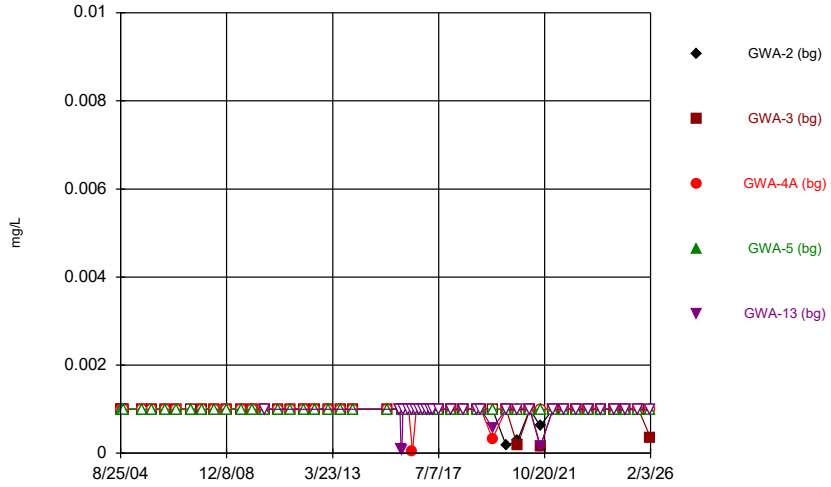
Time Series



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Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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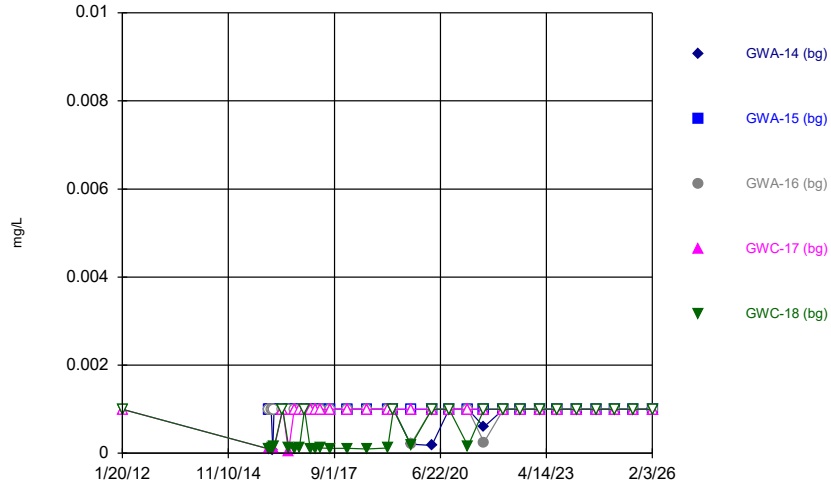
Time Series



Constituent: Thallium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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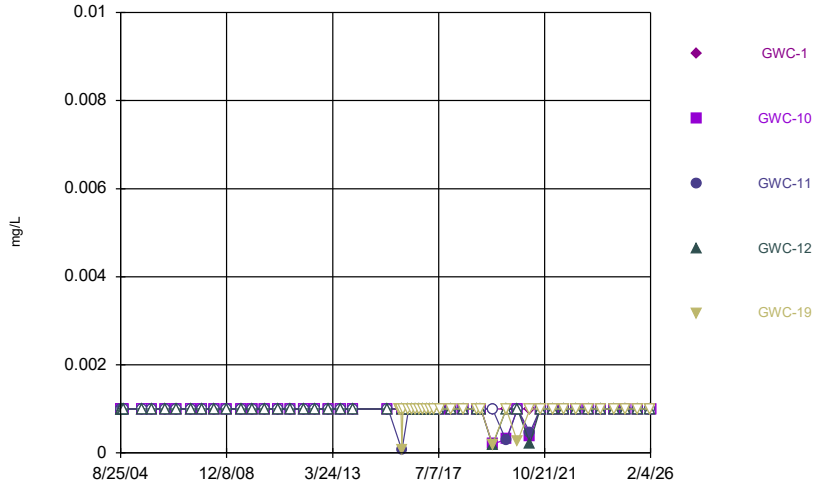
Time Series



Constituent: Thallium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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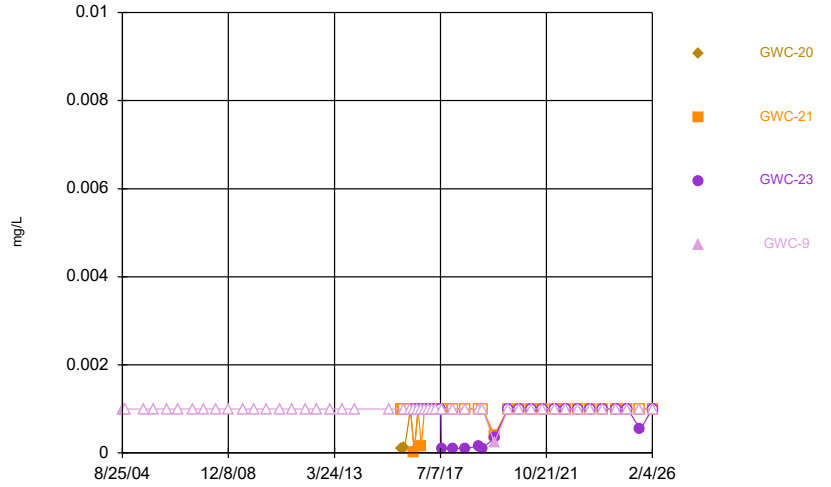
Time Series



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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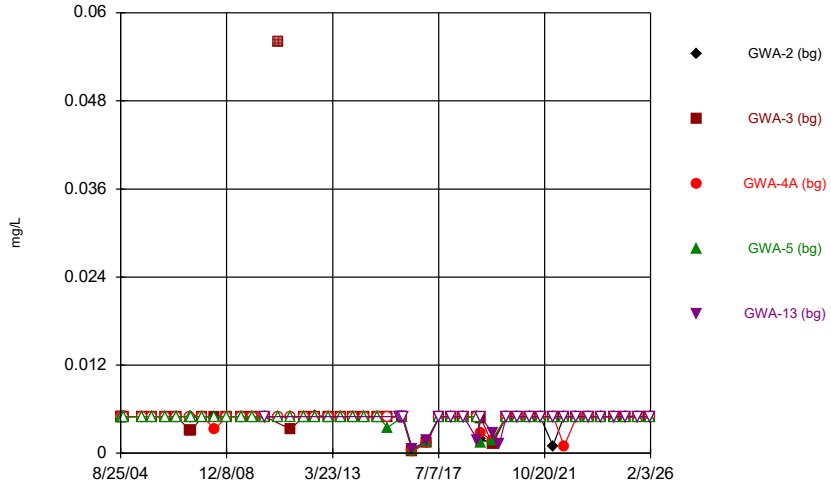
Time Series



Constituent: Thallium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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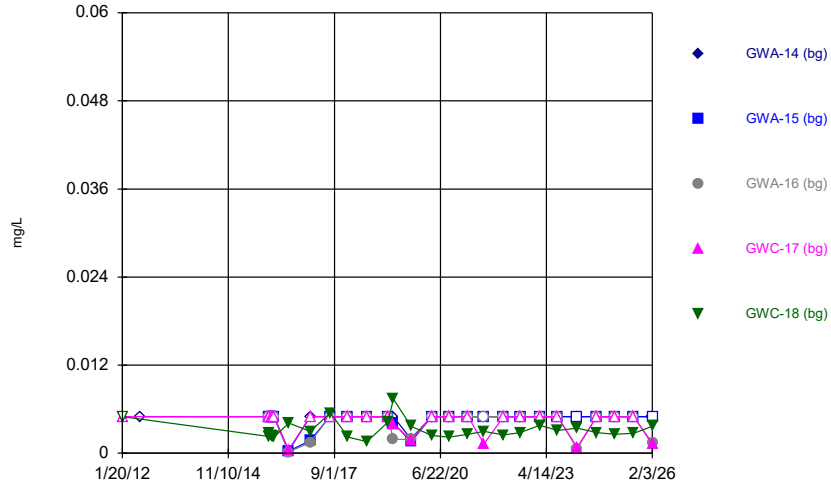
Time Series



Constituent: Vanadium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

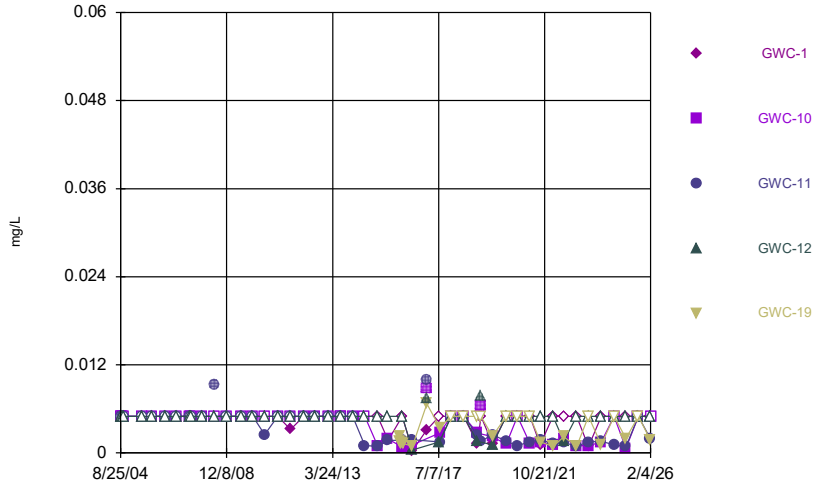
Time Series



Constituent: Vanadium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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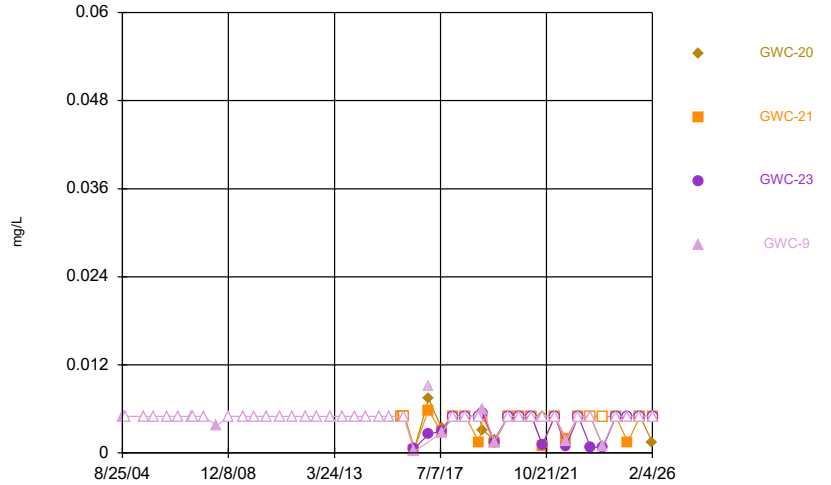
Time Series



Constituent: Vanadium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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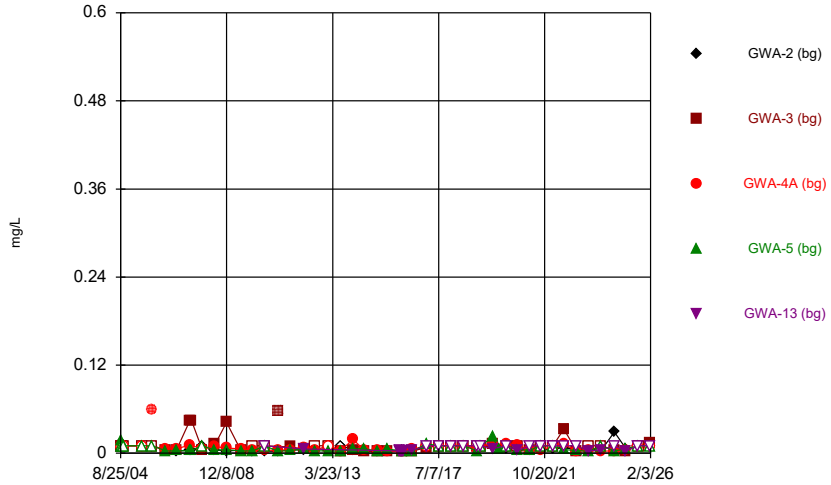
Time Series



Constituent: Vanadium Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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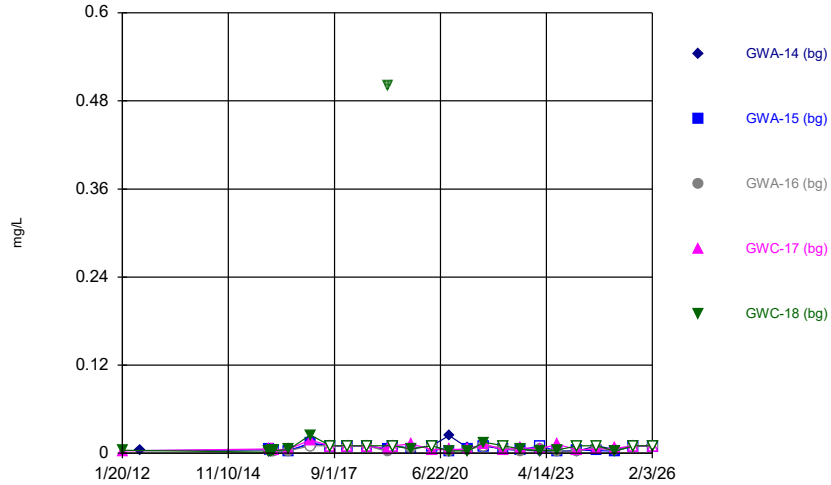
Time Series



Constituent: Zinc Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

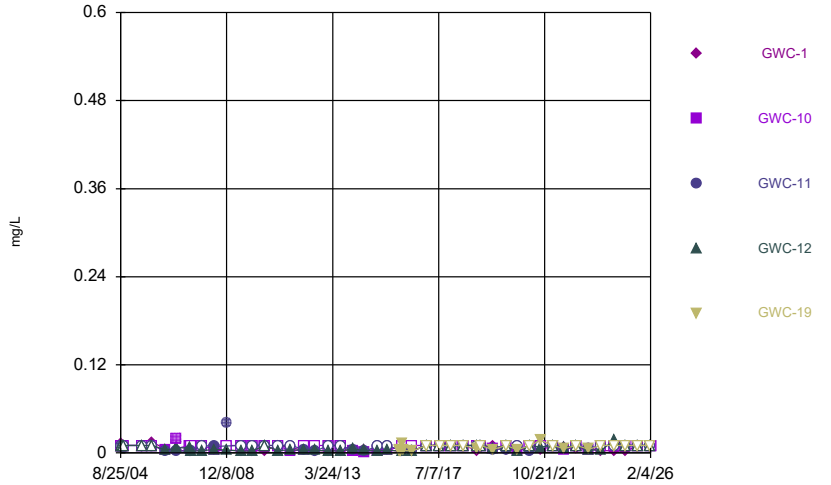
Time Series



Constituent: Zinc Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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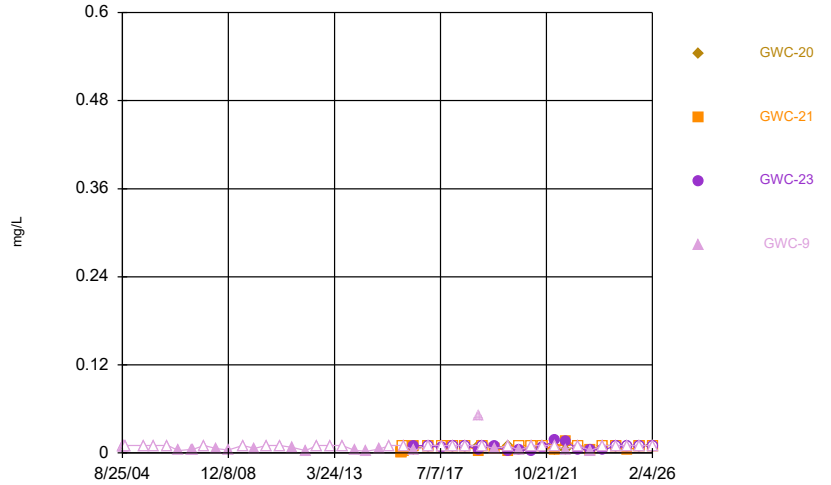
Time Series



Constituent: Zinc Analysis Run 4/16/2026 8:39 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 4/16/2026 8:40 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004	<0.005	<0.005	<0.005	<0.005	
7/11/2005	<0.005	<0.005			
7/12/2005			<0.005	<0.005	
12/7/2005	<0.005	<0.005			
12/8/2005			<0.005	<0.005	
6/23/2006	<0.005	<0.005			
6/24/2006			<0.005	<0.005	
11/28/2006	<0.005	<0.005	<0.005	<0.005	
6/19/2007	<0.005	<0.005	<0.005	<0.005	
7/6/2007	<0.005	<0.005		<0.005	
12/13/2007	<0.005	<0.005	<0.005		
12/14/2007				<0.005	
6/20/2008	<0.005	<0.005	<0.005	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005	<0.005	<0.005	<0.005	
12/28/2009	<0.005	<0.005			
12/29/2009				<0.005	
12/30/2009			<0.005		
6/22/2010	<0.005	<0.005	<0.005	<0.005	<0.005
1/4/2011	<0.005		<0.005	<0.005	
1/5/2011		<0.005			
7/9/2011	<0.005	<0.005		<0.005	
7/10/2011			<0.005		
1/20/2012		<0.005			
1/21/2012	<0.005		<0.005	<0.005	
7/11/2012	<0.005	<0.005	<0.005	<0.005	
1/19/2013		<0.005		<0.005	
1/20/2013	<0.005		<0.005		
7/18/2013		<0.005		<0.005	
7/19/2013	<0.005		<0.005		
1/15/2014	<0.005	<0.005		<0.005	
1/16/2014			<0.005		
7/10/2014			<0.005	<0.005	
7/11/2014	<0.005	<0.005			
1/15/2015		<0.005		<0.005	
1/16/2015	<0.005		<0.005		
6/19/2015		<0.005		<0.005	
6/20/2015	<0.005		<0.005		
12/7/2015					<0.005
12/15/2015					<0.005
12/29/2015					<0.005
1/13/2016					<0.005
1/14/2016			<0.005	<0.005	
1/16/2016	<0.005	<0.005			
1/25/2016					<0.005
4/19/2016	<0.005	<0.005			
4/20/2016			<0.005	<0.005	<0.005
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005
8/9/2016	<0.005	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			<0.005		
9/26/2016	<0.005				
9/27/2016		<0.005	<0.005	<0.005	<0.005
11/14/2016		<0.005	<0.005		
11/15/2016	<0.005			<0.005	<0.005
1/10/2017	<0.005	<0.005	<0.005		
1/11/2017				<0.005	
1/12/2017					<0.005
2/28/2017	<0.005	<0.005	<0.005	<0.005	<0.005
4/19/2017	<0.005	<0.005			
4/20/2017			<0.005	<0.005	<0.005
7/17/2017	<0.005				
7/18/2017		0.0022 (J)	<0.005	<0.005	<0.005
1/10/2018	<0.005	<0.005	<0.005	<0.005	<0.005
7/11/2018	<0.005	<0.005	<0.005	<0.005	<0.005
1/29/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019			<0.005	<0.005	<0.005
3/27/2019	<0.005	<0.005			
9/10/2019			<0.005	<0.005	0.00052 (J)
9/11/2019	<0.005	0.00081 (J)			
3/31/2020			<0.005	<0.005	<0.005
4/1/2020	0.0004 (J)	<0.005			
9/15/2020	<0.005	<0.005		<0.005	<0.005
9/16/2020			<0.005		
3/16/2021	<0.005	<0.005			<0.005
3/17/2021			<0.005	<0.005	
8/17/2021	<0.005	<0.005			
8/18/2021					<0.005
8/19/2021			<0.005	<0.005	
2/22/2022	<0.005	<0.005		<0.005	<0.005
2/23/2022			<0.005		
8/2/2022	<0.005	<0.005		<0.005	<0.005
8/3/2022			<0.005		
2/6/2023					<0.005
2/7/2023	<0.005	<0.005	<0.005	<0.005	
8/1/2023	<0.005		<0.005	<0.005	<0.005
8/2/2023		<0.005			
2/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/13/2024		<0.005	<0.005	<0.005	<0.005
8/15/2024	<0.005				
2/3/2025			<0.005		
2/4/2025	<0.005	<0.005		<0.005	<0.005
8/5/2025	<0.005		<0.005	<0.005	<0.005
8/6/2025		<0.005			
2/2/2026		0.0058	<0.005	<0.005	<0.005
2/3/2026	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.005	
1/21/2012					<0.005
12/7/2015	<0.005	<0.005	<0.005		
12/8/2015				<0.005	<0.005
12/14/2015			<0.005	<0.005	<0.005
12/15/2015	<0.005	<0.005			
12/28/2015		<0.005	<0.005	<0.005	<0.005
12/29/2015	<0.005				
1/13/2016	<0.005	<0.005	<0.005	<0.005	
1/14/2016					<0.005
1/25/2016	<0.005	<0.005	<0.005		
1/26/2016				<0.005	<0.005
4/19/2016					<0.005
4/20/2016	<0.005		<0.005	<0.005	
4/21/2016		<0.005			
6/14/2016	<0.005				
6/15/2016		<0.005	<0.005	<0.005	
6/16/2016					0.00022 (J)
8/9/2016	<0.005	<0.005	<0.005	<0.005	
8/11/2016					<0.005
9/27/2016	<0.005	<0.005	<0.005	<0.005	
9/28/2016					<0.005
11/15/2016	<0.005	<0.005	<0.005	<0.005	
11/16/2016					<0.005
1/11/2017	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2017	<0.005	<0.005			
3/1/2017			<0.005	<0.005	<0.005
4/20/2017	<0.005	<0.005	<0.005	<0.005	
4/25/2017					<0.005
7/19/2017	<0.005	<0.005	<0.005	<0.005	
7/25/2017					<0.005
1/11/2018	<0.005	<0.005	<0.005	<0.005	
1/12/2018					<0.005
7/11/2018	<0.005	<0.005	<0.005	<0.005	<0.005
1/29/2019	<0.005	<0.005	<0.005	<0.005	
1/30/2019					<0.005
3/26/2019	<0.005	<0.005	<0.005		
3/27/2019				<0.005	<0.005
9/10/2019	<0.005		<0.005		
9/11/2019		<0.005		<0.005	<0.005
4/1/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/15/2020	0.00039 (J)	<0.005	<0.005	<0.005	<0.005
3/16/2021	<0.005		<0.005	<0.005	
3/17/2021		<0.005			<0.005
8/17/2021	<0.005		<0.005		
8/19/2021		<0.005		<0.005	<0.005
2/22/2022	<0.005	<0.005	<0.005	<0.005	
2/23/2022					<0.005
8/2/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2023	<0.005	<0.005	<0.005		<0.005
2/8/2023				<0.005	
8/1/2023		<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/2/2023	<0.005			<0.005	<0.005
2/6/2024	<0.005	<0.005	<0.005	<0.005	
2/7/2024					<0.005
8/13/2024	<0.005	<0.005	<0.005	<0.005	
8/14/2024					<0.005
2/4/2025	<0.005	<0.005	<0.005	<0.005	
2/5/2025					<0.005
8/4/2025	<0.005				
8/5/2025		<0.005	<0.005	<0.005	
8/6/2025					<0.005
2/2/2026	<0.005				
2/3/2026		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004		<0.005	<0.005	<0.005	
7/11/2005	<0.005			<0.005	
7/12/2005		<0.005	<0.005		
12/7/2005	<0.005	<0.005	<0.005	<0.005	
6/24/2006	<0.005	<0.005		<0.005	
6/25/2006			<0.005		
11/28/2006			<0.005	<0.005	
11/29/2006	<0.005	<0.005			
6/20/2007	<0.005	<0.005		<0.005	
6/21/2007			<0.005		
7/6/2007	<0.005	<0.005	<0.005	<0.005	
12/13/2007	<0.005	<0.005		<0.005	
12/14/2007			<0.005		
6/20/2008	<0.005	<0.005	<0.005	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005				
7/10/2009		<0.005	<0.005	<0.005	
12/28/2009	<0.005			<0.005	
12/29/2009		<0.005	<0.005		
6/22/2010	<0.005	<0.005	<0.005	<0.005	
1/4/2011	<0.005	<0.005		<0.005	
1/5/2011			<0.005		
7/9/2011	<0.005		<0.005	<0.005	
7/10/2011		<0.005			
1/20/2012				<0.005	
1/21/2012	<0.005	<0.005	<0.005		
7/11/2012	<0.005	<0.005	<0.005	<0.005	
1/19/2013			<0.005	<0.005	
1/20/2013	<0.005	<0.005			
7/18/2013				<0.005	
7/19/2013	<0.005	<0.005	<0.005		
1/15/2014	<0.005		<0.005	<0.005	
1/16/2014		<0.005			
7/10/2014		<0.005			
7/11/2014	<0.005		<0.005	<0.005	
1/15/2015				<0.005	
1/16/2015	<0.005	<0.005	<0.005		
6/19/2015				<0.005	
6/20/2015	<0.005	<0.005	<0.005		
12/8/2015					<0.005
12/15/2015					<0.005
12/28/2015					<0.005
1/14/2016			<0.005		<0.005
1/16/2016	<0.005	<0.005		<0.005	
1/26/2016					<0.005
4/19/2016					<0.005
4/20/2016	<0.005		<0.005	<0.005	
4/21/2016		<0.005			
6/15/2016	<0.005		<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
6/16/2016		<0.005			<0.005
8/10/2016	<0.005	<0.005	<0.005	<0.005	<0.005
9/27/2016	<0.005	<0.005	<0.005	<0.005	
9/28/2016					<0.005
11/15/2016	<0.005	<0.005	<0.005	<0.005	<0.005
1/12/2017	<0.005	<0.005	<0.005	<0.005	
1/16/2017					<0.005
3/1/2017	<0.005	<0.005	<0.005	<0.005	<0.005
4/20/2017	<0.005			<0.005	
4/24/2017		<0.005	<0.005		
4/25/2017					<0.005
7/19/2017	<0.005				
7/20/2017				<0.005	
7/24/2017		<0.005	<0.005		
7/25/2017					<0.005
1/11/2018	<0.005	<0.005	<0.005	<0.005	
1/12/2018					<0.005
7/11/2018					<0.005
7/12/2018	<0.005	<0.005	<0.005	<0.005	
1/29/2019					<0.005
1/30/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2020	<0.005	<0.005		<0.005	<0.005
4/2/2020			<0.005		
9/15/2020	<0.005	<0.005	<0.005		
9/16/2020				<0.005	<0.005
3/16/2021	<0.005	<0.005		<0.005	<0.005
3/17/2021			<0.005		
8/18/2021	<0.005	<0.005	<0.005	<0.005	
8/19/2021					<0.005
2/23/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/2/2022			<0.005		
8/3/2022	0.00057 (J)	<0.005		<0.005	<0.005
2/7/2023	<0.005			<0.005	
2/8/2023		<0.005	<0.005		<0.005
8/2/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2024	<0.005	<0.005	<0.005		<0.005
2/8/2024				<0.005	
8/14/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/4/2025		<0.005			<0.005
2/5/2025	<0.005		<0.005	<0.005	
8/5/2025					<0.005
8/6/2025	<0.005	<0.005	<0.005	<0.005	
2/3/2026	<0.005		<0.005	<0.005	<0.005
2/4/2026		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.005
9/11/2004				<0.005
9/26/2004				<0.005
10/13/2004				<0.005
7/12/2005				<0.005
12/8/2005				<0.005
6/25/2006				<0.005
11/29/2006				<0.005
6/20/2007				<0.005
7/6/2007				<0.005
12/13/2007				<0.005
6/20/2008				<0.005
12/7/2008				<0.005
7/9/2009				<0.005
12/29/2009				<0.005
6/22/2010				<0.005
1/5/2011				<0.005
7/9/2011				<0.005
1/21/2012				<0.005
7/11/2012				<0.005
1/19/2013				<0.005
7/18/2013				<0.005
1/15/2014				<0.005
7/10/2014				<0.005
1/16/2015				<0.005
6/20/2015				<0.005
12/9/2015	<0.005	<0.005		
12/14/2015	<0.005	<0.005		
12/29/2015	<0.005	<0.005		
1/14/2016	<0.005	<0.005		<0.005
1/25/2016	<0.005	<0.005		
4/19/2016				<0.005
4/21/2016	<0.005	<0.005		
6/15/2016				<0.005
6/16/2016	<0.005	<0.005	<0.005	
8/10/2016	<0.005	<0.005	<0.005	<0.005
9/27/2016	<0.005	<0.005		<0.005
9/28/2016			<0.005	
11/15/2016	<0.005	<0.005		<0.005
11/16/2016			<0.005	
1/12/2017		<0.005		
1/13/2017	<0.005			<0.005
1/17/2017			<0.005	
3/1/2017	<0.005	<0.005		<0.005
3/2/2017			<0.005	
4/24/2017		<0.005		<0.005
4/25/2017	<0.005		<0.005	
7/13/2017			<0.005	
7/24/2017				<0.005
7/25/2017	<0.005	<0.005	<0.005	
1/11/2018		<0.005		
1/12/2018	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	<0.005	<0.005		
7/12/2018			<0.005	<0.005
1/29/2019	<0.005			
1/30/2019		<0.005	<0.005	<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	<0.005	<0.005
4/1/2020	<0.005	<0.005	<0.005	<0.005
9/15/2020	<0.005	<0.005	<0.005	
9/16/2020				<0.005
3/16/2021	<0.005			
3/17/2021		<0.005	<0.005	<0.005
8/19/2021	<0.005	<0.005	<0.005	<0.005
2/22/2022	<0.005			
2/23/2022		<0.005	<0.005	<0.005
8/3/2022	<0.005			<0.005
8/4/2022		<0.005	<0.005	
2/8/2023	<0.005	<0.005	<0.005	<0.005
8/2/2023	<0.005			<0.005
8/3/2023		<0.005	<0.005	
2/7/2024	<0.005	<0.005	<0.005	<0.005
8/14/2024	<0.005	<0.005	<0.005	<0.005
2/5/2025	<0.005	<0.005	<0.005	<0.005
8/5/2025	<0.005	<0.005		
8/6/2025			<0.005	<0.005
2/3/2026	<0.005			
2/4/2026		<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004	<0.005	<0.005	<0.005	<0.005	
7/11/2005	<0.005	<0.005			
7/12/2005			<0.005	<0.005	
12/7/2005	<0.005	<0.005			
12/8/2005			<0.005	<0.005	
6/23/2006	<0.005	<0.005			
6/24/2006			<0.005	<0.005	
11/28/2006	<0.005	<0.005	<0.005	<0.005	
6/19/2007	<0.005	<0.005	<0.005	<0.005	
7/6/2007	<0.005	<0.005		<0.005	
12/13/2007	<0.005	<0.005	<0.005		
12/14/2007				<0.005	
6/20/2008	<0.005	<0.005	<0.005	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005	<0.005	<0.005	<0.005	
12/28/2009	<0.005	<0.005			
12/29/2009				<0.005	
12/30/2009			<0.005		
6/22/2010	<0.005	<0.005	<0.005	<0.005	<0.005
1/4/2011	<0.005		<0.005	<0.005	
1/5/2011		0.0089 (O)			
7/9/2011	<0.005	<0.005		<0.005	
7/10/2011			<0.005		
1/20/2012		<0.005			
1/21/2012	<0.005		<0.005	<0.005	
7/11/2012	<0.005	<0.005	<0.005	<0.005	
1/19/2013		<0.005		<0.005	
1/20/2013	<0.005		<0.005		
7/18/2013		<0.005		<0.005	
7/19/2013	<0.005		<0.005		
1/15/2014	<0.005	<0.005		<0.005	
1/16/2014			<0.005		
7/10/2014			<0.005	<0.005	
7/11/2014	<0.005	<0.005			
1/15/2015		<0.005		<0.005	
1/16/2015	<0.005		<0.005		
6/19/2015		<0.005		<0.005	
6/20/2015	<0.005		<0.005		
12/7/2015					<0.005
12/15/2015					<0.005
12/29/2015					<0.005
1/13/2016					<0.005
1/14/2016			<0.005	<0.005	
1/16/2016	<0.005	<0.005			
1/25/2016					<0.005
4/19/2016	<0.005	<0.005			
4/20/2016			<0.005	<0.005	<0.005
6/14/2016	<0.005	<0.005	0.00016 (J)	5E-05 (J)	<0.005
8/9/2016	<0.005	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			0.00096 (J)		
9/26/2016	<0.005				
9/27/2016		<0.005	0.0026	<0.005	<0.005
11/14/2016		<0.005	0.0017		
11/15/2016	<0.005			<0.005	<0.005
1/10/2017	<0.005	<0.005	0.0021		
1/11/2017				<0.005	
1/12/2017					<0.005
2/28/2017	<0.005	0.00061 (J)	0.0027	<0.005	<0.005
4/19/2017	<0.005	0.00069 (J)			
4/20/2017			0.0014	<0.005	<0.005
7/17/2017	<0.005				
7/18/2017		<0.005	0.0012 (J)	<0.005	<0.005
1/10/2018	<0.005	<0.005	0.00068 (J)	<0.005	<0.005
7/11/2018	<0.005	<0.005	<0.005	<0.005	<0.005
1/29/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019			0.0005 (J)	<0.005	<0.005
3/27/2019	<0.005	0.0011 (J)			
9/10/2019			0.00051 (J)	0.00035 (J)	0.00076 (J)
9/11/2019	<0.005	<0.005			
3/31/2020			<0.005	<0.005	<0.005
4/1/2020	<0.005	<0.005			
9/15/2020	<0.005	<0.005		<0.005	<0.005
9/16/2020			<0.005		
3/16/2021	<0.005	<0.005			<0.005
3/17/2021			<0.005	<0.005	
8/17/2021	<0.005	<0.005			
8/18/2021					<0.005
8/19/2021			<0.005	<0.005	
2/22/2022	<0.005	<0.005		<0.005	<0.005
2/23/2022			0.00035 (J)		
8/2/2022	<0.005	<0.005		<0.005	<0.005
8/3/2022			<0.005		
2/6/2023					<0.005
2/7/2023	<0.005	<0.005	<0.005	<0.005	
8/1/2023	<0.005		<0.005	<0.005	<0.005
8/2/2023		<0.005			
2/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/13/2024		<0.005	<0.005	<0.005	<0.005
8/15/2024	<0.005				
2/3/2025			<0.005		
2/4/2025	<0.005	<0.005		<0.005	<0.005
8/5/2025	<0.005		<0.005	<0.005	<0.005
8/6/2025		<0.005			
2/2/2026		0.0048 (J)	<0.005	<0.005	<0.005
2/3/2026	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.005	
1/21/2012					<0.005
12/7/2015	<0.005	<0.005	<0.005		
12/8/2015				<0.005	<0.005
12/14/2015			<0.005	<0.005	<0.005
12/15/2015	<0.005	<0.005			
12/28/2015		<0.005	<0.005	<0.005	<0.005
12/29/2015	<0.005				
1/13/2016	<0.005	<0.005	<0.005	<0.005	
1/14/2016					<0.005
1/25/2016	<0.005	<0.005	<0.005		
1/26/2016				<0.005	<0.005
4/19/2016					0.00112 (J)
4/20/2016	<0.005		<0.005	<0.005	
4/21/2016		<0.005			
6/14/2016	<0.005				
6/15/2016		<0.005	<0.005	0.00015 (J)	
6/16/2016					0.0011 (J)
8/9/2016	<0.005	<0.005	<0.005	<0.005	
8/11/2016					0.001 (J)
9/27/2016	<0.005	<0.005	<0.005	<0.005	
9/28/2016					0.00062 (J)
11/15/2016	<0.005	<0.005	<0.005	<0.005	
11/16/2016					0.00046 (J)
1/11/2017	<0.005	<0.005	<0.005	<0.005	0.00093 (J)
2/28/2017	<0.005	<0.005			
3/1/2017			<0.005	<0.005	0.0006 (J)
4/20/2017	<0.005	<0.005	<0.005	<0.005	
4/25/2017					0.0011 (J)
7/19/2017	<0.005	0.00056 (J)	<0.005	0.00047 (J)	
7/25/2017					0.001 (J)
1/11/2018	<0.005	<0.005	<0.005	<0.005	
1/12/2018					0.00095 (J)
7/11/2018	<0.005	<0.005	<0.005	<0.005	0.0007 (J)
1/29/2019	<0.005	<0.005	<0.005	<0.005	
1/30/2019					0.0011 (J)
3/26/2019	<0.005	0.00075 (J)	<0.005		
3/27/2019				0.00097 (J)	0.0019
9/10/2019	0.00043 (J)		0.00036 (J)		
9/11/2019		0.00033 (J)		0.00038 (J)	0.0012
4/1/2020	<0.005	<0.005	<0.005	<0.005	0.00067
9/15/2020	<0.005	<0.005	<0.005	<0.005	0.00076 (J)
3/16/2021	<0.005		<0.005	<0.005	
3/17/2021		<0.005			0.00072 (J)
8/17/2021	<0.005		<0.005		
8/19/2021		<0.005		<0.005	0.00059 (J)
2/22/2022	<0.005	<0.005	<0.005	<0.005	
2/23/2022					0.00098 (J)
8/2/2022	<0.005	<0.005	<0.005	<0.005	0.0009 (J)
2/7/2023	<0.005	<0.005	<0.005		0.0011
2/8/2023				<0.005	
8/1/2023		<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/2/2023	<0.005			<0.005	0.001
2/6/2024	<0.005	<0.005	<0.005	<0.005	
2/7/2024					0.0018
8/13/2024	<0.005	<0.005	<0.005	<0.005	
8/14/2024					0.0014
2/4/2025	<0.005	<0.005	<0.005	<0.005	
2/5/2025					0.00089 (J)
8/4/2025	<0.005				
8/5/2025		<0.005	<0.005	<0.005	
8/6/2025					<0.005
2/2/2026	<0.005				
2/3/2026		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004		<0.005	<0.005	<0.005	
7/11/2005	<0.005			<0.005	
7/12/2005		<0.005	<0.005		
12/7/2005	<0.005	<0.005	<0.005	<0.005	
6/24/2006	<0.005	<0.005		<0.005	
6/25/2006			<0.005		
11/28/2006			<0.005	<0.005	
11/29/2006	<0.005	<0.005			
6/20/2007	<0.005	<0.005		<0.005	
6/21/2007			<0.005		
7/6/2007	<0.005	<0.005	<0.005	<0.005	
12/13/2007	<0.005	<0.005		<0.005	
12/14/2007			<0.005		
6/20/2008	<0.005	<0.005	<0.005	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005				
7/10/2009		<0.005	<0.005	<0.005	
12/28/2009	<0.005			<0.005	
12/29/2009		<0.005	<0.005		
6/22/2010	<0.005	<0.005	<0.005	<0.005	
1/4/2011	<0.005	<0.005		<0.005	
1/5/2011			<0.005		
7/9/2011	<0.005		<0.005	<0.005	
7/10/2011		<0.005			
1/20/2012				<0.005	
1/21/2012	<0.005	<0.005	<0.005		
7/11/2012	<0.005	<0.005	<0.005	<0.005	
1/19/2013			<0.005	<0.005	
1/20/2013	<0.005	<0.005			
7/18/2013				<0.005	
7/19/2013	<0.005	<0.005	<0.005		
1/15/2014	<0.005		<0.005	<0.005	
1/16/2014		<0.005			
7/10/2014		<0.005			
7/11/2014	<0.005		<0.005	<0.005	
1/15/2015				<0.005	
1/16/2015	<0.005	<0.005	<0.005		
6/19/2015				<0.005	
6/20/2015	<0.005	<0.005	<0.005		
12/8/2015					<0.005
12/15/2015					<0.005
12/28/2015					<0.005
1/14/2016			<0.005		<0.005
1/16/2016	<0.005	<0.005		<0.005	
1/26/2016					<0.005
4/19/2016					<0.005
4/20/2016	<0.005		0.00117 (J)	<0.005	
4/21/2016		<0.005			
6/15/2016	<0.005		0.0013 (J)	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
6/16/2016		0.0004 (J)			0.00026 (J)
8/10/2016	<0.005	<0.005	0.0013	<0.005	<0.005
9/27/2016	<0.005	<0.005	0.0011 (J)	<0.005	
9/28/2016					<0.005
11/15/2016	<0.005	<0.005	0.001 (J)	<0.005	<0.005
1/12/2017	<0.005	0.00077 (J)	0.0016	0.00062 (J)	
1/16/2017					0.00067 (J)
3/1/2017	<0.005	<0.005	0.00092 (J)	<0.005	<0.005
4/20/2017	<0.005			<0.005	
4/24/2017		<0.005	0.0011 (J)		
4/25/2017					<0.005
7/19/2017	<0.005				
7/20/2017				0.00053 (J)	
7/24/2017		<0.005	0.00086 (J)		
7/25/2017					<0.005
1/11/2018	<0.005	0.00046 (J)	0.0012 (J)	<0.005	
1/12/2018					<0.005
7/11/2018					<0.005
7/12/2018	<0.005	<0.005	0.001 (J)	<0.005	
1/29/2019					<0.005
1/30/2019	<0.005	0.00082 (J)	0.0015	<0.005	
3/27/2019	<0.005	0.0013	0.0013	0.0011 (J)	<0.005
9/11/2019	<0.005	0.00082 (J)	0.0017	0.00032 (J)	0.00057 (J)
4/1/2020	<0.005	0.00055 (J)		<0.005	<0.005
4/2/2020			0.0014		
9/15/2020	<0.005	0.00041 (J)	0.0011		
9/16/2020				<0.005	<0.005
3/16/2021	<0.005	0.00069 (J)		<0.005	<0.005
3/17/2021			0.0014		
8/18/2021	0.0004 (J)	0.00045 (J)	0.0013	<0.005	
8/19/2021					<0.005
2/23/2022	<0.005	0.00048 (J)	0.0013	<0.005	0.00028 (J)
8/2/2022			0.0013		
8/3/2022	<0.005	0.00052 (J)		<0.005	<0.005
2/7/2023	<0.005			<0.005	
2/8/2023		<0.005	0.0017		<0.005
8/2/2023	<0.005	<0.005	0.0014	<0.005	<0.005
2/7/2024	<0.005	0.0013	0.002		0.00092 (J)
2/8/2024				<0.005	
8/14/2024	<0.005	0.00099 (J)	0.0018	<0.005	<0.005
2/4/2025		<0.005			<0.005
2/5/2025	<0.005		0.0013	<0.005	
8/5/2025					<0.005
8/6/2025	<0.005	<0.005	<0.005	<0.005	
2/3/2026	<0.005		0.0013 (J)	<0.005	<0.005
2/4/2026		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.005
9/11/2004				<0.005
9/26/2004				<0.005
10/13/2004				<0.005
7/12/2005				<0.005
12/8/2005				<0.005
6/25/2006				<0.005
11/29/2006				<0.005
6/20/2007				<0.005
7/6/2007				<0.005
12/13/2007				<0.005
6/20/2008				<0.005
12/7/2008				<0.005
7/9/2009				<0.005
12/29/2009				<0.005
6/22/2010				<0.005
1/5/2011				<0.005
7/9/2011				<0.005
1/21/2012				<0.005
7/11/2012				<0.005
1/19/2013				<0.005
7/18/2013				<0.005
1/15/2014				<0.005
7/10/2014				<0.005
1/16/2015				<0.005
6/20/2015				<0.005
12/9/2015	<0.005	<0.005		
12/14/2015	<0.005	<0.005		
12/29/2015	<0.005	0.0022 (J)		
1/14/2016	<0.005	0.002 (J)		<0.005
1/25/2016	<0.005	<0.005		
4/19/2016				<0.005
4/21/2016	<0.005	<0.005		
6/15/2016				<0.005
6/16/2016	0.00014 (J)	0.00046 (J)	0.00043 (J)	
8/10/2016	<0.005	<0.005	0.0021	<0.005
9/27/2016	<0.005	0.00084 (J)		<0.005
9/28/2016			0.0011 (J)	
11/15/2016	<0.005	<0.005		<0.005
11/16/2016			0.0011 (J)	
1/12/2017		<0.005		
1/13/2017	<0.005			0.00055 (J)
1/17/2017			0.00064 (J)	
3/1/2017	<0.005	<0.005		<0.005
3/2/2017			<0.005	
4/24/2017		<0.005		<0.005
4/25/2017	0.00046 (J)		0.0007 (J)	
7/13/2017			<0.005	
7/24/2017				<0.005
7/25/2017	<0.005	<0.005	<0.005	
1/11/2018		<0.005		
1/12/2018	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	<0.005	<0.005		
7/12/2018			<0.005	<0.005
1/29/2019	<0.005			
1/30/2019		<0.005	0.00034 (J)	<0.005
3/27/2019	<0.005	0.00074 (J)	0.00079 (J)	0.00073 (J)
9/11/2019	0.00066 (J)	0.00064 (J)	0.00051 (J)	0.00044 (J)
4/1/2020	<0.005	<0.005	<0.005	<0.005
9/15/2020	<0.005	<0.005	<0.005	
9/16/2020				<0.005
3/16/2021	<0.005			
3/17/2021		<0.005	<0.005	<0.005
8/19/2021	<0.005	<0.005	<0.005	<0.005
2/22/2022	<0.005			
2/23/2022		<0.005	<0.005	<0.005
8/3/2022	<0.005			<0.005
8/4/2022		<0.005	0.00053 (J)	
2/8/2023	<0.005	<0.005	<0.005	<0.005
8/2/2023	<0.005			<0.005
8/3/2023		<0.005	<0.005	
2/7/2024	<0.005	<0.005	<0.005	0.00095 (J)
8/14/2024	<0.005	<0.005	<0.005	<0.005
2/5/2025	<0.005	<0.005	<0.005	<0.005
8/5/2025	<0.005	<0.005		
8/6/2025			<0.005	<0.005
2/3/2026	<0.005			
2/4/2026		<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	0.018	0.025	0.0096	0.016	
9/11/2004	0.019	0.015	0.024	0.02	
9/26/2004	0.02	0.017	0.027	0.016	
10/13/2004	0.017	0.017	0.022	0.014	
7/11/2005	0.012	0.012			
7/12/2005			0.029	0.014	
12/7/2005	0.014	0.012			
12/8/2005			0.023	0.014	
6/23/2006	0.018	0.016			
6/24/2006			0.026	0.019	
11/28/2006	0.015	0.017	0.039	0.016	
6/19/2007	0.014	0.1 (o)	0.037	0.018	
7/6/2007	0.014	0.1 (O)		0.018	
12/13/2007	0.014	0.01	0.029		
12/14/2007				0.015	
6/20/2008	0.018	0.026	0.037	0.018	
12/7/2008	0.013	0.097 (O)	0.025	0.016	
7/9/2009	0.019	0.01	0.028	0.019	
12/28/2009	0.012	0.0091			
12/29/2009				0.02	
12/30/2009			0.017		
6/22/2010	0.02	0.011	0.032	0.027	0.0083
1/4/2011	0.02		0.02	0.025	
1/5/2011		0.21 (O)			
7/9/2011	0.028	0.035		0.022	
7/10/2011			0.032		
1/20/2012		0.021			0.051 (o)
1/21/2012	0.026		0.026	0.024	
7/11/2012	0.038	0.009	0.023	0.024	
1/19/2013		0.01		0.026	
1/20/2013	0.025		0.011		
7/18/2013		0.014		0.024	
7/19/2013	0.018		0.018		
1/15/2014	0.026	0.016		0.026	
1/16/2014			0.015		
7/10/2014			0.025	0.036	
7/11/2014	0.029	0.016			
1/15/2015		0.014		0.035	
1/16/2015	0.021		0.022		
6/19/2015		0.013		0.066	
6/20/2015	0.031		0.015		
12/7/2015					0.015
12/15/2015					0.015
12/29/2015					0.016
1/13/2016					0.017
1/14/2016			0.016	0.059	
1/16/2016	0.031	0.021			
1/25/2016					0.017
4/19/2016	0.0305	0.0217			
4/20/2016			0.0234	0.0553	0.0144
6/14/2016	0.03	0.024	0.019	0.035	0.015
8/9/2016	0.032	0.023		0.035	0.013

Time Series

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			0.024		
9/26/2016	0.031				
9/27/2016		0.016	0.035	0.038	0.015
11/14/2016		0.014	0.034		
11/15/2016	0.033			0.039	0.015
1/10/2017	0.031	0.015	0.021		
1/11/2017				0.037	
1/12/2017					0.012
2/28/2017	0.033	0.017	0.021	0.042	0.016
4/19/2017	0.032	0.013			
4/20/2017			0.019	0.04	0.015
7/17/2017	0.033				
7/18/2017		0.012	0.018	0.04	0.015
1/10/2018	0.034	0.016	0.021	0.048	0.015
7/11/2018	0.035	0.015	0.029	0.044	0.015
1/29/2019	0.034	0.017	0.025	0.05	0.019
3/26/2019			0.023	0.046	0.016
3/27/2019	0.03	0.014			
9/10/2019			0.026	0.044	0.03
9/11/2019	0.034	0.015			
3/31/2020			0.017	0.044	0.015
4/1/2020	0.037	0.014			
9/15/2020	0.036	0.015		0.041	0.014
9/16/2020			0.016		
3/16/2021	0.035	0.015			0.018
3/17/2021			0.014	0.04	
8/17/2021	0.037	0.015			
8/18/2021					0.018
8/19/2021			0.013	0.038	
2/22/2022	0.038	0.015		0.041	0.019
2/23/2022			0.015		
8/2/2022	0.032	0.012		0.043	0.016
8/3/2022			0.032		
2/6/2023					0.016
2/7/2023	0.033	0.012	0.015	0.039	
8/1/2023	0.037		0.016	0.041	0.019
8/2/2023		0.015			
2/6/2024	0.038	0.012	0.019	0.039	0.019
8/13/2024		0.014	0.016	0.036	0.019
8/15/2024	0.036				
2/3/2025			0.022		
2/4/2025	0.045	0.012		0.035	0.023
8/5/2025	0.032		0.012	0.032	0.015
8/6/2025		0.013			
2/2/2026		0.017	0.017	0.033	0.021
2/3/2026	0.035				

Time Series

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				0.013	
1/21/2012					0.021
7/12/2012	0.077 (o)				
12/7/2015	0.018	0.027	0.027		
12/8/2015				0.021	0.053
12/14/2015			0.028	0.021	0.049
12/15/2015	0.017	0.028			
12/28/2015		0.026	0.029	0.02	0.048
12/29/2015	0.018				
1/13/2016	0.018	0.026	0.028	0.019	
1/14/2016					0.048
1/25/2016	0.018	0.027	0.027		
1/26/2016				0.019	0.044
4/19/2016					0.0308
4/20/2016	0.0143		0.0259	0.0188	
4/21/2016		0.0262			
6/14/2016	0.012				
6/15/2016		0.024	0.024	0.017	
6/16/2016					0.029
8/9/2016	0.011	0.023	0.023	0.018	
8/11/2016					0.023
9/27/2016	0.01	0.023	0.021	0.016	
9/28/2016					0.024
11/15/2016	0.012	0.023	0.023	0.017	
11/16/2016					0.022
1/11/2017	0.011	0.022	0.021	0.017	0.017
2/28/2017	0.011	0.023			
3/1/2017			0.022	0.017	0.02
4/20/2017	0.011	0.024	0.022	0.016	
4/25/2017					0.02
7/19/2017	0.012	0.025	0.024	0.017	
7/25/2017					0.017
1/11/2018	0.012	0.023	0.022	0.017	
1/12/2018					0.015
7/11/2018	0.012	0.025	0.023	0.017	0.013
1/29/2019	0.013	0.027	0.026	0.02	
1/30/2019					0.02
3/26/2019	0.012	0.028	0.023		
3/27/2019				0.017	0.014
9/10/2019	0.016		0.039		
9/11/2019		0.023		0.021	0.018
4/1/2020	0.013	0.026	0.022	0.019	0.013
9/15/2020	0.012	0.023	0.024	0.018	0.014
3/16/2021	0.013		0.025	0.017	
3/17/2021		0.028			0.013
8/17/2021	0.014		0.024		
8/19/2021		0.022		0.017	0.013
2/22/2022	0.014	0.026	0.026	0.019	
2/23/2022					0.012
8/2/2022	0.014	0.023	0.029	0.017	0.013
2/7/2023	0.014	0.025	0.026		0.012
2/8/2023				0.02	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/1/2023		0.024	0.031		
8/2/2023	0.014			0.017	0.012
2/6/2024	0.016	0.029	0.028	0.02	
2/7/2024					0.014
8/13/2024	0.017	0.026	0.028	0.019	
8/14/2024					0.013
2/4/2025	0.019	0.028	0.026	0.019	
2/5/2025					0.014
8/4/2025	0.014				
8/5/2025		0.025	0.023	0.018	
8/6/2025					0.013
2/2/2026	0.015				
2/3/2026		0.024	0.027	0.018	0.013

Time Series

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	0.02	0.036	0.018	0.014	
9/11/2004	0.021	0.036	0.022	0.014	
9/26/2004	0.019	0.035	0.022	0.014	
10/13/2004		0.035	0.017	0.013	
7/11/2005	0.017			0.011	
7/12/2005		0.017	0.015		
12/7/2005	0.018	0.017	0.012	0.012	
6/24/2006	0.018	0.015		0.012	
6/25/2006			0.012		
11/28/2006			0.013	0.011	
11/29/2006	0.026	0.032			
6/20/2007	0.014	0.03		0.014	
6/21/2007			0.012		
7/6/2007	0.014	0.03	0.012	0.014	
12/13/2007	0.013	0.039		0.011	
12/14/2007			0.013		
6/20/2008	0.019	0.038	0.026	0.011	
12/7/2008	0.019	0.034	0.093 (O)	0.01	
7/9/2009	0.029				
7/10/2009		0.032	0.013	0.011	
12/28/2009	0.039			0.011	
12/29/2009		0.03	0.012		
6/22/2010	0.032	0.024	0.014	0.011	
1/4/2011	0.024	0.017		0.013	
1/5/2011			0.011		
7/9/2011	0.034		0.012	0.015	
7/10/2011		0.03			
1/19/2012		0.038			
1/20/2012				0.013	
1/21/2012	0.022	0.022	0.017		
7/11/2012	0.023	0.025	0.015	0.015	
1/19/2013			0.013	0.014	
1/20/2013	0.027	0.029			
7/18/2013				0.013	
7/19/2013	0.037	0.02	0.012		
7/20/2013		0.032			
1/15/2014	0.032		0.012	0.013	
1/16/2014		0.022			
7/10/2014		0.018			
7/11/2014	0.034		0.012	0.016	
1/15/2015				0.012	
1/16/2015	0.032	0.019	0.011		
6/19/2015				0.015	
6/20/2015	0.037	0.021	0.013		
12/8/2015					0.057
12/15/2015					0.052
12/28/2015					0.041
1/14/2016			0.016		0.038
1/16/2016	0.051	0.019		0.013	
1/26/2016					0.034
4/19/2016					0.023
4/20/2016	0.0554		0.0113	0.0114	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/21/2016		0.0178			
6/15/2016	0.046		0.013	0.0095 (J)	
6/16/2016		0.022			0.017
8/10/2016	0.042	0.015	0.01	0.0094	0.013
9/27/2016	0.042	0.014	0.01	0.011	
9/28/2016					0.013
11/15/2016	0.042	0.015	0.011	0.0096	0.013
1/12/2017	0.046	0.015	0.01	0.01	
1/16/2017					0.014
3/1/2017	0.048	0.017	0.011	0.011	0.017
4/20/2017	0.046			0.01	
4/24/2017		0.014	0.01		
4/25/2017					0.015
7/19/2017	0.045				
7/20/2017				0.011	
7/24/2017		0.015	0.0089		
7/25/2017					0.012
1/11/2018	0.046	0.013	0.01	0.01	
1/12/2018					0.014
7/11/2018					0.018
7/12/2018	0.045	0.024	0.016	0.011	
1/29/2019					0.016
1/30/2019	0.05	0.023	0.014	0.011	
3/27/2019	0.045	0.019	0.013	0.0099	0.013
9/11/2019	0.038	0.021	0.011	0.01	0.015
4/1/2020	0.041	0.035		0.0097 (J)	0.013
4/2/2020			0.011		
9/15/2020	0.038	0.023	0.015		
9/16/2020				0.011	0.012
3/16/2021	0.039	0.019		0.01	0.0099 (J)
3/17/2021			0.016		
8/18/2021	0.034	0.018	0.011	0.01	
8/19/2021					0.0095 (J)
2/23/2022	0.039	0.018	0.01	0.01	0.01
8/2/2022			0.011		
8/3/2022	0.029	0.017		0.011	0.011
2/7/2023	0.031			0.011	
2/8/2023		0.017	0.011		0.01
8/2/2023	0.03	0.016	0.01	0.014	0.0092 (J)
2/7/2024	0.032	0.017	0.011		0.01
2/8/2024				0.011	
8/14/2024	0.04	0.021	0.011	0.012	0.011
2/4/2025		0.024			0.01
2/5/2025	0.036		0.012	0.011	
8/5/2025					0.0085 (J)
8/6/2025	0.035	0.029	0.011	0.012	
2/3/2026	0.032		0.011	0.01	0.0089 (J)
2/4/2026		0.021			

Time Series

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				0.029
9/11/2004				0.031
9/26/2004				0.03
10/13/2004				0.024
7/12/2005				0.022
12/8/2005				0.032
6/25/2006				0.026
11/29/2006				0.02
6/20/2007				0.018
7/6/2007				0.018
12/13/2007				0.017
6/20/2008				0.018
12/7/2008				0.016
7/9/2009				0.019
12/29/2009				0.02
6/22/2010				0.022
1/5/2011				0.021
7/9/2011				0.021
1/21/2012				0.021
7/11/2012				0.021
1/19/2013				0.024
7/18/2013				0.024
1/15/2014				0.022
7/10/2014				0.023
1/16/2015				0.015
6/20/2015				0.024
12/9/2015	0.039	0.024		
12/14/2015	0.045	0.027		
12/29/2015	0.045	0.027		
1/14/2016	0.034	0.025		0.026
1/25/2016	0.038	0.023		
4/19/2016				0.0274
4/21/2016	0.0325	0.0165		
6/15/2016				0.024
6/16/2016	0.027	0.018	0.057	
8/10/2016	0.025	0.014	0.072	0.031
9/27/2016	0.023	0.018		0.029
9/28/2016			0.076	
11/15/2016	0.022	0.015		0.029
11/16/2016			0.057	
1/12/2017		0.014		
1/13/2017	0.021			0.025
1/17/2017			0.049	
3/1/2017	0.021	0.015		0.03
3/2/2017			0.067	
4/24/2017		0.015		0.024
4/25/2017	0.02		0.049	
7/13/2017			0.04	
7/24/2017				0.026
7/25/2017	0.02	0.015	0.038	
1/11/2018		0.016		
1/12/2018	0.021		0.037	0.027

Time Series

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	0.021	0.017		
7/12/2018			0.037	0.031
1/29/2019	0.017			
1/30/2019		0.017	0.034	0.032
3/27/2019	0.018	0.016	0.027	0.023
9/11/2019	0.021	0.019	0.023	0.029
4/1/2020	0.016	0.018	0.024	0.021
9/15/2020	0.021	0.021	0.024	
9/16/2020				0.033
3/16/2021	0.016			
3/17/2021		0.019	0.024	0.041
8/19/2021	0.017	0.018	0.019	0.024
2/22/2022	0.018			
2/23/2022		0.02	0.024	0.026
8/3/2022	0.018			0.03
8/4/2022		0.022	0.017	
2/8/2023	0.015	0.019	0.016	0.024
8/2/2023	0.015			0.021
8/3/2023		0.018	0.012	
2/7/2024	0.016	0.02	0.02	0.023
8/14/2024	0.015	0.02	0.027	0.024
2/5/2025	0.015	0.022	0.023	0.03
8/5/2025	0.014	0.022		
8/6/2025			0.022	0.028
2/3/2026	0.016			
2/4/2026		0.024	0.019	0.019

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004	<0.001	<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001			
7/12/2005			<0.001	0.0011	
12/7/2005	<0.001	<0.001			
12/8/2005			<0.001	<0.001	
6/23/2006	<0.001	<0.001			
6/24/2006			<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
6/19/2007	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001		<0.001	
12/13/2007	<0.001	<0.001	<0.001		
12/14/2007				<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001	<0.001	<0.001	<0.001	
12/28/2009	<0.001	<0.001			
12/29/2009				<0.001	
12/30/2009			<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	<0.001
1/4/2011	<0.001		<0.001	<0.001	
1/5/2011		0.0018			
7/9/2011	<0.001	<0.001		<0.001	
7/10/2011			<0.001		
1/20/2012		<0.001			<0.001
1/21/2012	<0.001		<0.001	<0.001	
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013		<0.001		<0.001	
1/20/2013	<0.001		<0.001		
7/18/2013		<0.001		<0.001	
7/19/2013	<0.001		<0.001		
1/15/2014	0.00011 (J)	<0.001		<0.001	
1/16/2014			<0.001		
7/10/2014			0.0001 (J)	<0.001	
7/11/2014	0.0001 (J)	<0.001			
1/15/2015		<0.001		<0.001	
1/16/2015	<0.001		<0.001		
6/19/2015		<0.001		0.00013 (J)	
6/20/2015	<0.001		<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/29/2015					<0.001
1/13/2016					<0.001
1/14/2016			<0.001	<0.001	
1/16/2016	<0.001	<0.001			
1/25/2016					<0.001
4/19/2016	<0.001	<0.001			
4/20/2016			<0.001	<0.001	<0.001
6/14/2016	6.5E-05 (J)	3.2E-05 (J)	8.7E-05 (J)	5.4E-05 (J)	7.1E-05 (J)
8/9/2016	<0.001	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			<0.001		
9/26/2016	<0.001				
9/27/2016		<0.001	<0.001	<0.001	<0.001
11/14/2016		<0.001	<0.001		
11/15/2016	<0.001			<0.001	<0.001
1/10/2017	<0.001	<0.001	<0.001		
1/11/2017				<0.001	
1/12/2017					<0.001
2/28/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/19/2017	<0.001	<0.001			
4/20/2017			<0.001	<0.001	<0.001
7/17/2017	<0.001				
7/18/2017		<0.001	<0.001	<0.001	<0.001
1/10/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	6.3E-05 (J)	<0.001	0.00011 (J)	<0.001	<0.001
3/26/2019			<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001			
9/10/2019			0.0006 (J)	<0.001	0.0008 (J)
9/11/2019	<0.001	<0.001			
3/31/2020			<0.001	<0.001	<0.001
4/1/2020	<0.001	<0.001			
9/15/2020	0.00024 (J)	<0.001		<0.001	<0.001
9/16/2020			<0.001		
3/16/2021	<0.001	<0.001			0.0002 (J)
3/17/2021			<0.001	<0.001	
8/17/2021	0.00018 (J)	<0.001			
8/18/2021					<0.001
8/19/2021			<0.001	<0.001	
2/22/2022	<0.001	<0.001		<0.001	<0.001
2/23/2022			<0.001		
8/2/2022	<0.001	<0.001		<0.001	<0.001
8/3/2022			<0.001		
2/6/2023					<0.001
2/7/2023	<0.001	<0.001	<0.001	<0.001	
8/1/2023	<0.001		<0.001	<0.001	<0.001
8/2/2023		<0.001			
2/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/13/2024		<0.001	<0.001	<0.001	<0.001
8/15/2024	<0.001				
2/3/2025			<0.001		
2/4/2025	<0.001	<0.001		<0.001	<0.001
8/5/2025	<0.001		<0.001	<0.001	<0.001
8/6/2025		<0.001			
2/2/2026		<0.001	<0.001	<0.001	<0.001
2/3/2026	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.001	
1/21/2012					<0.001
7/12/2012	<0.001				
12/7/2015	<0.001	<0.001	<0.001		
12/8/2015				0.00046 (J)	<0.001
12/14/2015			<0.001	0.00052 (J)	<0.001
12/15/2015	<0.001	<0.001			
12/28/2015		<0.001	<0.001	0.00057 (J)	<0.001
12/29/2015	<0.001				
1/13/2016	<0.001	<0.001	<0.001	0.00056 (J)	
1/14/2016					<0.001
1/25/2016	<0.001	<0.001	<0.001		
1/26/2016				0.00057 (J)	<0.001
4/19/2016					<0.001
4/20/2016	<0.001		<0.001	<0.003 (O)	
4/21/2016		<0.001			
6/14/2016	4.4E-05 (J)				
6/15/2016		3.8E-05 (J)	0.00011 (J)	0.00056 (J)	
6/16/2016					<0.001
8/9/2016	<0.001	<0.001	<0.001	0.00054 (J)	
8/11/2016					<0.001
9/27/2016	<0.001	<0.001	<0.001	0.00056 (J)	
9/28/2016					<0.001
11/15/2016	<0.001	<0.001	<0.001	0.00047 (J)	
11/16/2016					<0.001
1/11/2017	<0.001	<0.001	<0.001	0.00066 (J)	<0.001
2/28/2017	<0.001	<0.001			
3/1/2017			<0.001	0.00066 (J)	<0.001
4/20/2017	<0.001	<0.001	<0.001	0.00055 (J)	
4/25/2017					<0.001
7/19/2017	<0.001	<0.001	<0.001	0.00061 (J)	
7/25/2017					<0.001
1/11/2018	<0.001	<0.001	<0.001	0.00064 (J)	
1/12/2018					<0.001
7/11/2018	<0.001	<0.001	<0.001	0.00065 (J)	<0.001
1/29/2019	<0.001	<0.001	<0.001	0.00062 (J)	
1/30/2019					8.3E-05 (J)
3/26/2019	<0.001	<0.001	<0.001		
3/27/2019				0.00062 (J)	<0.001
9/10/2019	0.00025 (J)		0.00036 (J)		
9/11/2019		<0.001		0.001	0.00026 (J)
4/1/2020	<0.001	<0.001	<0.001	0.00058 (J)	<0.001
9/15/2020	<0.001	<0.001	<0.001	0.00063 (J)	<0.001
3/16/2021	<0.001		<0.001	0.00062 (J)	
3/17/2021		<0.001			<0.001
8/17/2021	<0.001		<0.001		
8/19/2021		<0.001		0.00057 (J)	<0.001
2/22/2022	<0.001	<0.001	<0.001	0.00078 (J)	
2/23/2022					<0.001
8/2/2022	<0.001	<0.001	<0.001	0.00057 (J)	<0.001
2/7/2023	<0.001	<0.001	<0.001		<0.001
2/8/2023				0.00071 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/1/2023		<0.001	<0.001		
8/2/2023	<0.001			0.00057 (J)	<0.001
2/6/2024	<0.001	<0.001	<0.001	0.0007 (J)	
2/7/2024					<0.001
8/13/2024	<0.001	<0.001	<0.001	0.0006 (J)	
8/14/2024					<0.001
2/4/2025	<0.001	<0.001	<0.001	0.00073 (J)	
2/5/2025					<0.001
8/4/2025	<0.001				
8/5/2025		<0.001	<0.001	<0.001	
8/6/2025					<0.001
2/2/2026	<0.001				
2/3/2026		<0.001	<0.001	0.0007 (J)	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004		<0.001	<0.001	<0.001	
7/11/2005	<0.001			<0.001	
7/12/2005		<0.001	<0.001		
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/24/2006	<0.001	<0.001		<0.001	
6/25/2006			<0.001		
11/28/2006			<0.001	<0.001	
11/29/2006	<0.001	<0.001			
6/20/2007	<0.001	<0.001		<0.001	
6/21/2007			<0.001		
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001		<0.001	
12/14/2007			<0.001		
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001		<0.001	<0.001	
7/10/2011		<0.001			
1/19/2012		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
7/20/2013		<0.001			
1/15/2014	0.00016 (J)		<0.001	0.00017 (J)	
1/16/2014		<0.001			
7/10/2014		<0.001			
7/11/2014	0.00018 (J)		<0.001	0.00024 (J)	
1/15/2015				0.00015 (J)	
1/16/2015	0.00016 (J)	<0.001	<0.001		
6/19/2015				0.00016 (J)	
6/20/2015	0.00017 (J)	0.00013 (J)	<0.001		
12/8/2015					0.00018 (J)
12/15/2015					0.00014 (J)
12/28/2015					9E-05 (J)
1/14/2016			<0.001		0.0001 (J)
1/16/2016	8E-05 (J)	<0.001		0.00014 (J)	
1/26/2016					0.00011 (J)
4/19/2016					<0.001
4/20/2016	<0.001		<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/21/2016		<0.001			
6/15/2016	0.00012 (J)		<0.001	0.00014 (J)	
6/16/2016		8.5E-05 (J)			0.00011 (J)
8/10/2016	<0.001	<0.001	<0.001	<0.001	<0.001
9/27/2016	<0.001	<0.001	<0.001	<0.001	
9/28/2016					<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	<0.001
1/12/2017	<0.001	<0.001	<0.001	<0.001	
1/16/2017					<0.001
3/1/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/20/2017	<0.001			<0.001	
4/24/2017		<0.001	<0.001		
4/25/2017					<0.001
7/19/2017	<0.001				
7/20/2017				<0.001	
7/24/2017		<0.001	<0.001		
7/25/2017					<0.001
1/11/2018	<0.001	<0.001	<0.001	<0.001	
1/12/2018					<0.001
7/11/2018					<0.001
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					0.00023 (J)
1/30/2019	0.00018 (J)	<0.001	<0.001	0.00018 (J)	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	0.00021 (J)	<0.001	<0.001	0.00022 (J)	0.00058 (J)
4/1/2020	<0.001	<0.001		<0.001	<0.001
4/2/2020			0.00023 (J)		
9/15/2020	<0.001	<0.001	<0.001		
9/16/2020				<0.001	0.00022 (J)
3/16/2021	0.00022 (J)	0.00033 (J)		0.00037 (J)	0.00024 (J)
3/17/2021			0.00048 (J)		
8/18/2021	0.00018 (J)	<0.001	<0.001	<0.001	
8/19/2021					<0.001
2/23/2022	<0.001	<0.001	<0.001	<0.001	0.00031 (J)
8/2/2022			<0.001		
8/3/2022	<0.001	<0.001		0.00027 (J)	<0.001
2/7/2023	<0.001			<0.001	
2/8/2023		<0.001	<0.001		0.00022 (J)
8/2/2023	<0.001	<0.001	<0.001	<0.001	0.0002 (J)
2/7/2024	<0.001	<0.001	<0.001		<0.001
2/8/2024				0.00022 (J)	
8/14/2024	0.0002 (J)	<0.001	<0.001	<0.001	0.00026 (J)
2/4/2025		<0.001			0.00047 (J)
2/5/2025	0.00034 (J)		<0.001	<0.001	
8/5/2025					<0.001
8/6/2025	<0.001	<0.001	<0.001	<0.001	
2/3/2026	0.00018 (J)		<0.001	0.00018 (J)	0.00022 (J)
2/4/2026		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.001
9/11/2004				<0.001
9/26/2004				<0.001
10/13/2004				<0.001
7/12/2005				<0.001
12/8/2005				<0.001
6/25/2006				<0.001
11/29/2006				<0.001
6/20/2007				<0.001
7/6/2007				<0.001
12/13/2007				<0.001
6/20/2008				<0.001
12/7/2008				<0.001
7/9/2009				<0.001
12/29/2009				<0.001
6/22/2010				<0.001
1/5/2011				<0.001
7/9/2011				<0.001
1/21/2012				<0.001
7/11/2012				<0.001
1/19/2013				<0.001
7/18/2013				<0.001
1/15/2014				<0.001
7/10/2014				0.0001 (J)
1/16/2015				<0.001
6/20/2015				<0.001
12/9/2015	0.00026 (J)	<0.001		
12/14/2015	0.00032 (J)	<0.001		
12/29/2015	0.00043 (J)	<0.001		
1/14/2016	0.00032 (J)	<0.001		<0.001
1/25/2016	0.00038 (J)	<0.001		
4/19/2016				<0.001
4/21/2016	<0.001	<0.001		
6/15/2016				7.7E-05 (J)
6/16/2016	0.00032 (J)	<0.001	<0.001	
8/10/2016	<0.001	<0.001	<0.001	<0.001
9/27/2016	<0.001	0.00064 (J)		<0.001
9/28/2016			<0.001	
11/15/2016	<0.001	<0.001		<0.001
11/16/2016			<0.001	
1/12/2017		<0.001		
1/13/2017	<0.001			<0.001
1/17/2017			<0.001	
3/1/2017	<0.001	<0.001		<0.001
3/2/2017			<0.001	
4/24/2017		<0.001		<0.001
4/25/2017	<0.001		<0.001	
7/13/2017			<0.001	
7/24/2017				<0.001
7/25/2017	<0.001	<0.001	<0.001	
1/11/2018		<0.001		
1/12/2018	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	<0.001	<0.001		
7/12/2018			<0.001	<0.001
1/29/2019	0.00016 (J)			
1/30/2019		0.00016 (J)	0.00015 (J)	0.00016 (J)
3/27/2019	<0.001	<0.001	<0.001	<0.001
9/11/2019	0.00052 (J)	0.00054 (J)	0.00026 (J)	0.00021 (J)
4/1/2020	<0.001	<0.001	<0.001	<0.001
9/15/2020	0.00025 (J)	<0.001	<0.001	
9/16/2020				<0.001
3/16/2021	0.00022 (J)			
3/17/2021		<0.001	0.00018 (J)	0.00024 (J)
8/19/2021	<0.001	<0.001	<0.001	<0.001
2/22/2022	<0.001			
2/23/2022		<0.001	<0.001	<0.001
8/3/2022	0.00031 (J)			<0.001
8/4/2022		<0.001	<0.001	
2/8/2023	<0.001	<0.001	<0.001	<0.001
8/2/2023	<0.001			<0.001
8/3/2023		<0.001	<0.001	
2/7/2024	<0.001	<0.001	<0.001	<0.001
8/14/2024	0.0002 (J)	<0.001	<0.001	<0.001
2/5/2025	0.00023 (J)	<0.001	<0.001	<0.001
8/5/2025	<0.001	<0.001		
8/6/2025			0.00026 (J)	0.00031 (J)
2/3/2026	0.00022 (J)			
2/4/2026		0.00017 (J)	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
4/19/2016	<0.08	<0.08			
4/20/2016			<0.08	<0.08	<0.08
6/14/2016	0.012 (J)	0.0077 (J)	0.01 (J)	0.011 (J)	0.0086 (J)
8/9/2016	<0.08	<0.08		<0.08	<0.08
8/11/2016			<0.08		
9/26/2016	<0.08				
9/27/2016		<0.08	<0.08	<0.08	<0.08
11/14/2016		<0.08	<0.08		
11/15/2016	<0.08			<0.08	<0.08
1/10/2017	<0.08	<0.08	<0.08		
1/11/2017				<0.08	
1/12/2017					<0.08
2/28/2017	0.022 (J)	<0.08	<0.08	<0.08	<0.08
4/19/2017	<0.08	<0.08			
4/20/2017			<0.08	<0.08	<0.08
10/10/2017	<0.08		<0.08		
10/11/2017		<0.08		<0.08	<0.08
1/10/2018	<0.08	<0.08	<0.08	<0.08	<0.08
7/11/2018	<0.08	<0.08	<0.08	<0.08	<0.08
1/29/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019			<0.08	<0.08	<0.08
3/27/2019	<0.08	<0.08			
9/10/2019			0.052 (J)	<0.08	0.061 (J)
9/11/2019	<0.08	<0.08			
3/31/2020			<0.08	<0.08	<0.08
4/1/2020	0.042 (J)	<0.08			
9/15/2020	<0.08	0.061 (J)		0.047 (J)	<0.08
9/16/2020			0.056 (J)		
3/16/2021	<0.08	<0.08			<0.08
3/17/2021			<0.08	<0.08	
8/17/2021	0.069 (J)	<0.08			
8/18/2021					0.044 (J)
8/19/2021			<0.08	<0.08	
2/22/2022	0.11	0.065 (J)		<0.08	<0.08
2/23/2022			0.096		
8/2/2022	<0.08	<0.08		<0.08	<0.08
8/3/2022			<0.08		
2/6/2023					<0.08
2/7/2023	<0.08	<0.08	0.022 (J)	0.024 (J)	
8/1/2023	0.024 (J)		0.026 (J)	0.047 (J)	0.035 (J)
8/2/2023		0.025 (J)			
2/6/2024	<0.08	0.023 (J)	<0.08	<0.08	<0.08
8/13/2024		<0.08	0.024 (J)	<0.08	<0.08
8/15/2024	0.026 (J)				
2/3/2025			0.023 (J)		
2/4/2025	<0.08	0.026 (J)		<0.08	<0.08
8/5/2025	<0.08		<0.08	<0.08	<0.08
8/6/2025		<0.08			
2/2/2026		<0.08	<0.08	<0.08	<0.08
2/3/2026	<0.08				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
4/19/2016					<0.08
4/20/2016	<0.08		<0.08	<0.08	
4/21/2016		<0.08			
6/14/2016	0.0098 (J)				
6/15/2016		0.0095 (J)	0.0085 (J)	0.0095 (J)	
6/16/2016					0.011 (J)
8/9/2016	<0.08	<0.08	<0.08	<0.08	
8/11/2016					<0.08
9/27/2016	<0.08	<0.08	<0.08	<0.08	
9/28/2016					<0.08
11/15/2016	<0.08	<0.08	<0.08	<0.08	
11/16/2016					<0.08
1/11/2017	<0.08	<0.08	<0.08	<0.08	<0.08
2/28/2017	<0.08	<0.08			
3/1/2017			<0.08	<0.08	<0.08
4/20/2017	<0.08	<0.08	<0.08	<0.08	
4/25/2017					<0.08
10/11/2017	<0.08	<0.08	<0.08	<0.08	
10/12/2017					<0.08
1/11/2018	<0.08	<0.08	<0.08	<0.08	
1/12/2018					<0.08
7/11/2018	<0.08	<0.08	<0.08	<0.08	<0.08
1/29/2019	<0.08	<0.08	<0.08	<0.08	
1/30/2019					<0.08
3/26/2019	<0.08	<0.08	<0.08		
3/27/2019				<0.08	<0.08
9/10/2019	<0.08		<0.08		
9/11/2019		<0.08		<0.08	<0.08
4/1/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/15/2020	<0.08	<0.08	<0.08	<0.08	<0.08
3/16/2021	<0.08		<0.08	<0.08	
3/17/2021		<0.08			<0.08
8/17/2021	0.1		0.061 (J)		
8/19/2021		<0.08		<0.08	<0.08
2/22/2022	<0.08	<0.08	<0.08	<0.08	
2/23/2022					<0.08
8/2/2022	<0.08	<0.08	<0.08	<0.08	<0.08
2/7/2023	<0.08	<0.08	<0.08		<0.08
2/8/2023				<0.08	
8/1/2023		<0.08	<0.08		
8/2/2023	0.038 (J)			<0.08	<0.08
2/6/2024	<0.08	<0.08	<0.08	<0.08	
2/7/2024					<0.08
8/13/2024	<0.08	<0.08	<0.08	<0.08	
8/14/2024					0.022 (J)
2/4/2025	<0.08	<0.08	<0.08	<0.08	
2/5/2025					0.026 (J)
8/4/2025	<0.08				
8/5/2025		<0.08	<0.08	<0.08	
8/6/2025					<0.08
2/2/2026	<0.08				
2/3/2026		<0.08	<0.08	<0.08	<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/19/2016					<0.08
4/20/2016	<0.08		<0.08	<0.08	
4/21/2016		<0.08			
6/15/2016	0.017 (J)		0.011 (J)	0.01 (J)	
6/16/2016		0.017 (J)			0.0069 (J)
8/10/2016	<0.08	<0.08	<0.08	<0.08	<0.08
9/27/2016	<0.08	<0.08	<0.08	<0.08	
9/28/2016					<0.08
11/15/2016	<0.08	0.021 (J)	<0.08	<0.08	<0.08
1/12/2017	<0.08	0.041 (J)	<0.08	<0.08	
1/16/2017					<0.08
3/1/2017	<0.08	0.052	<0.08	<0.08	<0.08
4/20/2017	<0.08			<0.08	
4/24/2017		0.064	<0.08		
4/25/2017					<0.08
10/11/2017	<0.08		<0.08		
10/12/2017		0.06		<0.08	<0.08
12/12/2017		0.086			
1/11/2018	<0.08	0.06	<0.08	<0.08	
1/12/2018					<0.08
7/11/2018					<0.08
7/12/2018	<0.08	0.054	<0.08	<0.08	
1/29/2019					<0.08
1/30/2019	<0.08	0.055	<0.08	<0.08	
3/27/2019	<0.08	0.05	<0.08	<0.08	<0.08
9/11/2019	<0.08	0.067 (J)	<0.08	<0.08	<0.08
4/1/2020	<0.08	0.068 (J)		<0.08	<0.08
4/2/2020			0.066 (J)		
9/15/2020	<0.08	0.062 (J)	<0.08		
9/16/2020				<0.08	0.046 (J)
3/16/2021	<0.08	0.045 (J)		<0.08	<0.08
3/17/2021			<0.08		
8/18/2021	0.046 (J)	0.069 (J)	<0.08	<0.08	
8/19/2021					<0.08
2/23/2022	<0.08	0.069 (J)	<0.08	<0.08	<0.08
8/2/2022			<0.08		
8/3/2022	0.064 (J)	<0.08		<0.08	<0.08
2/7/2023	<0.08			<0.08	
2/8/2023		0.043 (J)	0.022 (J)		0.024 (J)
8/2/2023	<0.08	0.034 (J)	<0.08	<0.08	<0.08
2/7/2024	<0.08	0.034 (J)	<0.08		<0.08
2/8/2024				<0.08	
8/14/2024	0.025 (J)	0.035 (J)	<0.08	<0.08	<0.08
2/4/2025		0.036 (J)			<0.08
2/5/2025	0.022 (J)		<0.08	<0.08	
8/5/2025					<0.08
8/6/2025	<0.08	0.026 (J)	<0.08	<0.08	
2/3/2026	<0.08		<0.08	<0.08	<0.08
2/4/2026		0.026 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
4/19/2016				<0.08
4/21/2016	<0.08	<0.08		
6/15/2016				0.018 (J)
6/16/2016	0.012 (J)	0.012 (J)	0.017 (J)	
8/10/2016	<0.08	<0.08	<0.08	<0.08
9/27/2016	<0.08	<0.08		<0.08
9/28/2016			<0.08	
11/15/2016	<0.08	<0.08		<0.08
11/16/2016			<0.08	
1/12/2017		<0.08		
1/13/2017	<0.08			<0.08
1/17/2017			<0.08	
3/1/2017	<0.08	<0.08		<0.08
3/2/2017			<0.08	
4/24/2017		<0.08		<0.08
4/25/2017	<0.08		<0.08	
7/13/2017			<0.08	
10/12/2017	<0.08	<0.08	<0.08	<0.08
1/11/2018		<0.08		
1/12/2018	<0.08		<0.08	<0.08
7/11/2018	<0.08	<0.08		
7/12/2018			<0.08	<0.08
1/29/2019	<0.08			
1/30/2019		<0.08	<0.08	<0.08
3/27/2019	<0.08	<0.08	<0.08	<0.08
9/11/2019	0.042 (J)	0.055 (J)	0.04 (J)	<0.08
4/1/2020	<0.08	<0.08	<0.08	<0.08
9/15/2020	<0.08	<0.08	<0.08	
9/16/2020				0.042 (J)
3/16/2021	<0.08			
3/17/2021		<0.08	<0.08	<0.08
8/19/2021	<0.08	<0.08	<0.08	<0.08
2/22/2022	<0.08			
2/23/2022		<0.08	<0.08	<0.08
8/3/2022	<0.08			<0.08
8/4/2022		<0.08	<0.08	
2/8/2023	<0.08	0.027 (J)	<0.08	0.026 (J)
8/2/2023	<0.08			0.026 (J)
8/3/2023		0.022 (J)	<0.08	
2/7/2024	<0.08	0.024 (J)	<0.08	0.029 (J)
8/14/2024	<0.08	0.026 (J)	0.022 (J)	0.043 (J)
2/5/2025	0.034 (J)	0.024 (J)	0.023 (J)	0.069 (J)
8/5/2025	<0.08	<0.08		
8/6/2025			<0.08	0.028 (J)
2/3/2026	0.042 (J)			
2/4/2026		<0.08	<0.08	0.028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.0007	<0.0007	<0.0007	<0.0007	
9/11/2004	<0.0007	<0.0007	<0.0007	<0.0007	
9/26/2004	<0.0007	<0.0007	<0.0007	<0.0007	
10/13/2004	<0.0007	<0.0007	<0.0007	<0.0007	
7/11/2005	<0.0007	<0.0007			
7/12/2005			<0.0007	<0.0007	
12/7/2005	<0.0007	<0.0007			
12/8/2005			<0.0007	<0.0007	
6/23/2006	<0.0007	<0.0007			
6/24/2006			<0.0007	<0.0007	
11/28/2006	<0.0007	<0.0007	<0.0007	<0.0007	
6/19/2007	<0.0007	<0.0007	<0.0007	<0.0007	
7/6/2007	<0.0007	<0.0007		<0.0007	
12/13/2007	<0.0007	<0.0007	<0.0007		
12/14/2007				<0.0007	
6/20/2008	<0.0007	<0.0007	<0.0007	<0.0007	
12/7/2008	<0.0007	<0.0007	<0.0007	<0.0007	
7/9/2009	<0.0007	<0.0007	<0.0007	<0.0007	
12/28/2009	<0.0007	<0.0007			
12/29/2009				<0.0007	
12/30/2009			<0.0007		
6/22/2010	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
1/4/2011	<0.0007		<0.0007	<0.0007	
1/5/2011		<0.0007			
7/9/2011	<0.0007	<0.0007		<0.0007	
7/10/2011			<0.0007		
1/20/2012		<0.0007			
1/21/2012	<0.0007		<0.0007	<0.0007	
7/11/2012	<0.0007	<0.0007	<0.0007	<0.0007	
1/19/2013		<0.0007		<0.0007	
1/20/2013	<0.0007		<0.0007		
7/18/2013		<0.0007		<0.0007	
7/19/2013	<0.0007		<0.0007		
1/15/2014	<0.0007	<0.0007		<0.0007	
1/16/2014			<0.0007		
7/10/2014			<0.0007	<0.0007	
7/11/2014	<0.0007	<0.0007			
1/15/2015		<0.0007		<0.0007	
1/16/2015	<0.0007		<0.0007		
6/19/2015		<0.0007		<0.0007	
6/20/2015	<0.0007		<0.0007		
12/7/2015					<0.0007
12/15/2015					<0.0007
12/29/2015					<0.0007
1/13/2016					<0.0007
1/14/2016			<0.0007	<0.0007	
1/16/2016	<0.0007	<0.0007			
1/25/2016					<0.0007
4/19/2016	<0.0007	<0.0007			
4/20/2016			0.000111 (J)	<0.0007	<0.0007
6/14/2016	<0.0007	<0.0007	0.00013 (J)	<0.0007	<0.0007
8/9/2016	<0.0007	<0.0007		<0.0007	<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			<0.0007		
9/26/2016	<0.0007				
9/27/2016		<0.0007	<0.0007	<0.0007	<0.0007
11/14/2016		<0.0007	<0.0007		
11/15/2016	<0.0007			<0.0007	<0.0007
1/10/2017	<0.0007	<0.0007	<0.0007		
1/11/2017				<0.0007	
1/12/2017					<0.0007
2/28/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
4/19/2017	<0.0007	<0.0007			
4/20/2017			<0.0007	<0.0007	<0.0007
7/17/2017	<0.0007				
7/18/2017		<0.0007	<0.0007	<0.0007	<0.0007
1/10/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
7/11/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
1/29/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/26/2019			<0.0007	<0.0007	<0.0007
3/27/2019	<0.0007	<0.0007			
9/10/2019			0.00019 (J)	<0.0007	0.00035 (J)
9/11/2019	<0.0007	<0.0007			
3/31/2020			<0.0007	<0.0007	<0.0007
4/1/2020	<0.0007	<0.0007			
9/15/2020	<0.0007	<0.0007		<0.0007	<0.0007
9/16/2020			<0.0007		
3/16/2021	<0.0007	<0.0007			<0.0007
3/17/2021			<0.0007	<0.0007	
8/17/2021	<0.0007	<0.0007			
8/18/2021					<0.0007
8/19/2021			<0.0007	<0.0007	
2/22/2022	<0.0007	<0.0007		<0.0007	<0.0007
2/23/2022			0.00024 (J)		
8/2/2022	<0.0007	<0.0007		<0.0007	<0.0007
8/3/2022			<0.0007		
2/6/2023					<0.0007
2/7/2023	<0.0007	<0.0007	<0.0007	<0.0007	
8/1/2023	<0.0007		<0.0007	<0.0007	<0.0007
8/2/2023		<0.0007			
2/6/2024	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
8/13/2024		<0.0007	<0.0007	<0.0007	<0.0007
8/15/2024	<0.0007				
2/3/2025			<0.0007		
2/4/2025	<0.0007	<0.0007		<0.0007	<0.0007
8/5/2025	<0.0007		<0.0007	<0.0007	<0.0007
8/6/2025		<0.0007			
2/2/2026		0.0016	<0.0007	<0.0007	<0.0007
2/3/2026	<0.0007				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.0013	
1/21/2012					<0.0007
12/7/2015	<0.0007	<0.0007	<0.0007		
12/8/2015				0.00049 (J)	<0.0007
12/14/2015			<0.0007	0.00053 (J)	<0.0007
12/15/2015	<0.0007	<0.0007			
12/28/2015		<0.0007	<0.0007	0.00061 (J)	<0.0007
12/29/2015	<0.0007				
1/13/2016	<0.0007	<0.0007	<0.0007	0.00063 (J)	
1/14/2016					<0.0007
1/25/2016	<0.0007	<0.0007	<0.0007		
1/26/2016				0.00072 (J)	<0.0007
4/19/2016					<0.0007
4/20/2016	<0.0007		<0.0007	0.000633 (J)	
4/21/2016		<0.0007			
6/14/2016	6.2E-05 (J)				
6/15/2016		<0.0007	<0.0007	0.00055 (J)	
6/16/2016					8.5E-05 (J)
8/9/2016	<0.0007	<0.0007	<0.0007	0.00046 (J)	
8/11/2016					<0.0007
9/27/2016	<0.0007	<0.0007	<0.0007	0.00071 (J)	
9/28/2016					<0.0007
11/15/2016	<0.0007	<0.0007	<0.0007	0.00056 (J)	
11/16/2016					<0.0007
1/11/2017	<0.0007	<0.0007	<0.0007	0.0007 (J)	<0.0007
2/28/2017	<0.0007	<0.0007			
3/1/2017			<0.0007	0.00063 (J)	<0.0007
4/20/2017	<0.0007	<0.0007	<0.0007	0.00055 (J)	
4/25/2017					<0.0007
7/19/2017	<0.0007	<0.0007	<0.0007	0.00072 (J)	
7/25/2017					<0.0007
1/11/2018	<0.0007	<0.0007	<0.0007	0.00062 (J)	
1/12/2018					<0.0007
7/11/2018	<0.0007	<0.0007	<0.0007	0.0004 (J)	<0.0007
1/29/2019	<0.0007	<0.0007	<0.0007	0.00062 (J)	
1/30/2019					<0.0007
3/26/2019	<0.0007	<0.0007	<0.0007		
3/27/2019				0.00041 (J)	<0.0007
9/10/2019	<0.0007		0.00015 (J)		
9/11/2019		<0.0007		0.00064 (J)	<0.0007
4/1/2020	<0.0007	<0.0007	<0.0007	0.00048 (J)	<0.0007
9/15/2020	<0.0007	<0.0007	<0.0007	0.00046 (J)	<0.0007
3/16/2021	<0.0007		<0.0007	0.00057 (J)	
3/17/2021		<0.0007			<0.0007
8/17/2021	0.00036 (J)		<0.0007		
8/19/2021		<0.0007		0.00057 (J)	<0.0007
2/22/2022	<0.0007	<0.0007	<0.0007	0.00064 (J)	
2/23/2022					<0.0007
8/2/2022	<0.0007	<0.0007	<0.0007	0.00057 (J)	<0.0007
2/7/2023	<0.0007	<0.0007	<0.0007		<0.0007
2/8/2023				0.00058 (J)	
8/1/2023		<0.0007	<0.0007		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/2/2023	<0.0007			0.00052 (J)	<0.0007
2/6/2024	<0.0007	<0.0007	<0.0007	0.00065 (J)	
2/7/2024					<0.0007
8/13/2024	<0.0007	<0.0007	<0.0007	0.00062 (J)	
8/14/2024					<0.0007
2/4/2025	<0.0007	<0.0007	<0.0007	0.00053 (J)	
2/5/2025					<0.0007
8/4/2025	<0.0007				
8/5/2025		<0.0007	<0.0007	0.00044 (J)	
8/6/2025					<0.0007
2/2/2026	<0.0007				
2/3/2026		<0.0007	<0.0007	0.00042 (J)	<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.0007	<0.0007	<0.0007	<0.0007	
9/11/2004	<0.0007	<0.0007	<0.0007	<0.0007	
9/26/2004	<0.0007	<0.0007	<0.0007	<0.0007	
10/13/2004		<0.0007	<0.0007	<0.0007	
7/11/2005	<0.0007			<0.0007	
7/12/2005		<0.0007	<0.0007		
12/7/2005	<0.0007	<0.0007	<0.0007	<0.0007	
6/24/2006	<0.0007	<0.0007		<0.0007	
6/25/2006			<0.0007		
11/28/2006			<0.0007	<0.0007	
11/29/2006	<0.0007	<0.0007			
6/20/2007	<0.0007	<0.0007		<0.0007	
6/21/2007			<0.0007		
7/6/2007	<0.0007	<0.0007	<0.0007	<0.0007	
12/13/2007	<0.0007	<0.0007		<0.0007	
12/14/2007			<0.0007		
6/20/2008	<0.0007	<0.0007	<0.0007	<0.0007	
12/7/2008	<0.0007	<0.0007	<0.0007	<0.0007	
7/9/2009	<0.0007				
7/10/2009		<0.0007	<0.0007	<0.0007	
12/28/2009	<0.0007			<0.0007	
12/29/2009		<0.0007	<0.0007		
6/22/2010	<0.0007	<0.0007	<0.0007	<0.0007	
1/4/2011	<0.0007	<0.0007		<0.0007	
1/5/2011			<0.0007		
7/9/2011	<0.0007		<0.0007	<0.0007	
7/10/2011		<0.0007			
1/20/2012				<0.0007	
1/21/2012	<0.0007	<0.0007	<0.0007		
7/11/2012	<0.0007	<0.0007	<0.0007	<0.0007	
1/19/2013			<0.0007	<0.0007	
1/20/2013	<0.0007	<0.0007			
7/18/2013				<0.0007	
7/19/2013	<0.0007	<0.0007	<0.0007		
1/15/2014	<0.0007		<0.0007	<0.0007	
1/16/2014		<0.0007			
7/10/2014		<0.0007			
7/11/2014	<0.0007		<0.0007	<0.0007	
1/15/2015				<0.0007	
1/16/2015	<0.0007	<0.0007	<0.0007		
6/19/2015				<0.0007	
6/20/2015	<0.0007	<0.0007	<0.0007		
12/8/2015					<0.0007
12/15/2015					<0.0007
12/28/2015					<0.0007
1/14/2016			<0.0007		<0.0007
1/16/2016	<0.0007	<0.0007		<0.0007	
1/26/2016					<0.0007
4/19/2016					0.00017 (J)
4/20/2016	<0.0007		<0.0007	<0.0007	
4/21/2016		<0.0007			
6/15/2016	<0.0007		<0.0007	<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
6/16/2016		<0.0007			0.00018 (J)
8/10/2016	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
9/27/2016	<0.0007	<0.0007	<0.0007	<0.0007	
9/28/2016					<0.0007
11/15/2016	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
1/12/2017	<0.0007	<0.0007	<0.0007	<0.0007	
1/16/2017					<0.0007
3/1/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
4/20/2017	<0.0007			<0.0007	
4/24/2017		<0.0007	<0.0007		
4/25/2017					<0.0007
7/19/2017	<0.0007				
7/20/2017				<0.0007	
7/24/2017		<0.0007	<0.0007		
7/25/2017					<0.0007
1/11/2018	<0.0007	<0.0007	<0.0007	<0.0007	
1/12/2018					<0.0007
7/11/2018					<0.0007
7/12/2018	<0.0007	<0.0007	<0.0007	<0.0007	
1/29/2019					0.0002 (J)
1/30/2019	<0.0007	<0.0007	<0.0007	<0.0007	
3/27/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
9/11/2019	<0.0007	<0.0007	<0.0007	<0.0007	0.00031 (J)
4/1/2020	<0.0007	<0.0007		<0.0007	<0.0007
4/2/2020			<0.0007		
9/15/2020	<0.0007	<0.0007	<0.0007		
9/16/2020				<0.0007	<0.0007
3/16/2021	<0.0007	<0.0007		<0.0007	<0.0007
3/17/2021			<0.0007		
8/18/2021	<0.0007	<0.0007	<0.0007	<0.0007	
8/19/2021					<0.0007
2/23/2022	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
8/2/2022			<0.0007		
8/3/2022	0.0001 (J)	<0.0007		<0.0007	0.00016 (J)
2/7/2023	<0.0007			<0.0007	
2/8/2023		<0.0007	<0.0007		0.00018 (J)
8/2/2023	<0.0007	<0.0007	<0.0007	<0.0007	0.00025 (J)
2/7/2024	<0.0007	<0.0007	<0.0007		0.00011 (J)
2/8/2024				<0.0007	
8/14/2024	<0.0007	<0.0007	<0.0007	<0.0007	0.00015 (J)
2/4/2025		<0.0007			0.00014 (J)
2/5/2025	<0.0007		<0.0007	<0.0007	
8/5/2025					<0.0007
8/6/2025	<0.0007	<0.0007	<0.0007	<0.0007	
2/3/2026	<0.0007		<0.0007	<0.0007	<0.0007
2/4/2026		<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.0007
9/11/2004				<0.0007
9/26/2004				<0.0007
10/13/2004				<0.0007
7/12/2005				<0.0007
12/8/2005				<0.0007
6/25/2006				<0.0007
11/29/2006				<0.0007
6/20/2007				<0.0007
7/6/2007				<0.0007
12/13/2007				<0.0007
6/20/2008				<0.0007
12/7/2008				<0.0007
7/9/2009				<0.0007
12/29/2009				<0.0007
6/22/2010				<0.0007
1/5/2011				<0.0007
7/9/2011				<0.0007
1/21/2012				<0.0007
7/11/2012				<0.0007
1/19/2013				<0.0007
7/18/2013				<0.0007
1/15/2014				<0.0007
7/10/2014				<0.0007
1/16/2015				<0.0007
6/20/2015				<0.0007
12/9/2015	<0.0007	<0.0007		
12/14/2015	0.00031 (J)	<0.0007		
12/29/2015	0.00075 (J)	<0.0007		
1/14/2016	0.00039 (J)	<0.0007		<0.0007
1/25/2016	0.00078 (J)	<0.0007		
4/19/2016				<0.0007
4/21/2016	0.00052 (J)	<0.0007		
6/15/2016				<0.0007
6/16/2016	0.00044 (J)	0.00012 (J)	<0.0007	
8/10/2016	<0.0007	<0.0007	<0.0007	<0.0007
9/27/2016	<0.0007	0.00062 (J)		<0.0007
9/28/2016			<0.0007	
11/15/2016	<0.0007	<0.0007		<0.0007
11/16/2016			<0.0007	
1/12/2017		<0.0007		
1/13/2017	0.00036 (J)			<0.0007
1/17/2017			<0.0007	
3/1/2017	<0.0007	<0.0007		<0.0007
3/2/2017			<0.0007	
4/24/2017		<0.0007		<0.0007
4/25/2017	<0.0007		<0.0007	
7/13/2017			<0.0007	
7/24/2017				<0.0007
7/25/2017	<0.0007	<0.0007	<0.0007	
1/11/2018		<0.0007		
1/12/2018	<0.0007		<0.0007	<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	<0.0007	<0.0007		
7/12/2018			<0.0007	<0.0007
1/29/2019	0.00016 (J)			
1/30/2019		0.00014 (J)	0.00015 (J)	<0.0007
3/27/2019	<0.0007	<0.0007	<0.0007	<0.0007
9/11/2019	0.00029 (J)	0.00029 (J)	0.00018 (J)	<0.0007
4/1/2020	<0.0007	<0.0007	<0.0007	<0.0007
9/15/2020	<0.0007	<0.0007	<0.0007	
9/16/2020				<0.0007
3/16/2021	<0.0007			
3/17/2021		<0.0007	<0.0007	<0.0007
8/19/2021	<0.0007	<0.0007	<0.0007	<0.0007
2/22/2022	<0.0007			
2/23/2022		<0.0007	<0.0007	<0.0007
8/3/2022	0.00016 (J)			0.00011 (J)
8/4/2022		0.00014 (J)	<0.0007	
2/8/2023	0.00011 (J)	<0.0007	0.00013 (J)	9.5E-05 (J)
8/2/2023	0.00015 (J)			<0.0007
8/3/2023		0.00011 (J)	0.0001 (J)	
2/7/2024	0.00013 (J)	0.00012 (J)	<0.0007	0.00012 (J)
8/14/2024	0.00016 (J)	0.00013 (J)	9.5E-05 (J)	0.0001 (J)
2/5/2025	0.00013 (J)	0.00013 (J)	<0.0007	<0.0007
8/5/2025	<0.0007	<0.0007		
8/6/2025			<0.0007	<0.0007
2/3/2026	<0.0007			
2/4/2026		<0.0007	<0.0007	<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
4/19/2016	0.485 (J)	1.13			
4/20/2016			1.12	4.39	0.389 (J)
6/14/2016	0.72	1	1.1	2.4	0.37 (J)
8/9/2016	0.24 (J)	0.71		2	0.14 (J)
8/11/2016			1.9		
9/26/2016	0.48				
9/27/2016		0.77	3.4	2.9	0.33
11/14/2016		0.75	3.1		
11/15/2016	0.54			2.5	0.28
1/10/2017	0.62	0.73	1.5		
1/11/2017				2.5	
1/12/2017					0.37
2/28/2017	0.91	0.76	1.1	2.7	0.26
4/19/2017	0.75	0.69			
4/20/2017			0.98	2.8	0.27
10/10/2017	0.54		0.8		
10/11/2017		0.73		3.3	0.3
1/10/2018	0.52	0.88	0.82	3.3	0.27
7/11/2018	0.5	0.81	1	3	0.32
1/29/2019	0.53	0.85	0.83	3.3	0.33
3/26/2019			0.53	2.8	0.3
3/27/2019	0.37	0.73			
9/10/2019			0.64	2.3	0.37 (J)
9/11/2019	0.43 (J)	0.76			
3/31/2020			0.8	2.9	0.42 (J)
4/1/2020	0.47 (J)	0.72			
9/15/2020	0.42 (J)	0.84		2.2	0.32 (J)
9/16/2020			0.43 (J)		
3/16/2021	0.4 (J)	0.75			0.4 (J)
3/17/2021			0.33 (J)	2.4	
8/17/2021	0.4 (J)	0.81			
8/18/2021					0.51
8/19/2021			0.3 (J)	2.4	
2/22/2022	0.42 (J)	0.72		2.3	0.35 (J)
2/23/2022			0.35 (J)		
8/2/2022	0.51	0.7		2.5	0.36 (J)
8/3/2022			1.1		
2/6/2023					0.53
2/7/2023	0.38 (J)	0.66	0.46 (J)	2.1	
8/1/2023	0.37 (J)		0.53	2.3	0.44 (J)
8/2/2023		0.69			
2/6/2024	0.38 (J)	0.61	0.47 (J)	1.9	0.47 (J)
8/13/2024		0.75	0.45 (J)	1.8	0.44 (J)
8/15/2024	0.66				
2/3/2025			0.55		
2/4/2025	0.39 (J)	0.61		1.6	0.45 (J)
8/5/2025	0.32		0.35	1.4	0.33
8/6/2025		0.55			
2/2/2026		0.54	0.48	1.4	0.31
2/3/2026	0.3				

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
4/19/2016					26
4/20/2016	0.686		0.472 (J)	2.48	
4/21/2016		0.686			
6/14/2016	0.62				
6/15/2016		0.61	0.42 (J)	2.2	
6/16/2016					33.2
8/9/2016	0.39	0.21 (J)	0.19 (J)	1.8	
8/11/2016					18
9/27/2016	0.52	0.4	0.39	1.9	
9/28/2016					17
11/15/2016	0.5	0.35	0.39	2.1	
11/16/2016					17
1/11/2017	0.47	0.34	0.36	2	15
2/28/2017	0.47	0.37			
3/1/2017			0.38	2.1	16
4/20/2017	0.5	0.43	0.41	2	
4/25/2017					17
10/11/2017	0.49	0.41	0.4	2.1	
10/12/2017					14
12/13/2017					12
1/11/2018	0.51	0.41	0.43	2.1	
1/12/2018					15
7/11/2018	0.47	0.53	0.45	2.1	12
1/29/2019	0.51	0.91	0.41	2.2	
1/30/2019					14
3/26/2019	0.42	0.58	0.37		
3/27/2019				2	11
9/10/2019	0.47 (J)		0.41 (J)		
9/11/2019		0.42 (J)		2	13
4/1/2020	0.49 (J)	2.3	0.43 (J)	2.1	11
9/15/2020	0.6	0.38 (J)	0.42 (J)	2	10
3/16/2021	0.51		0.48 (J)	2	
3/17/2021		5.5			9.1
8/17/2021	0.47 (J)		0.46 (J)		
8/19/2021		0.49 (J)		2.2	9.3
2/22/2022	0.52	0.92	0.43 (J)	2	
2/23/2022					9.1
8/2/2022	0.7	0.42 (J)	0.44 (J)	2	11
2/7/2023	0.58	1.9	0.45 (J)		15
2/8/2023				2.4	
8/1/2023		0.51	0.43 (J)		
8/2/2023	0.5			2.3	13
2/6/2024	0.57	2.4	0.5	2.5	
2/7/2024					16
8/13/2024	0.55	0.98	0.49 (J)	2.5	
8/14/2024					18
2/4/2025	0.51	3.3	0.48 (J)	2.4	
2/5/2025					14
8/4/2025	0.45				
8/5/2025		0.84	0.38	2.1	
8/6/2025					10
2/2/2026	0.47				

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
2/3/2026		0.38	0.39	2.2	12

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/19/2016					10.3
4/20/2016	3.22		8.94	0.69	
4/21/2016		13.9			
6/15/2016	3		10.6	0.69	
6/16/2016		18.9			10.4
8/10/2016	2.1	13	7.6	0.45	6.7
9/27/2016	2.3	14	8.7	0.61	
9/28/2016					6.9
11/15/2016	2.4	13	8.4	0.61	7.5
1/12/2017	2.5	14	8.1	0.6	
1/16/2017					8
3/1/2017	2.7	15	8.9	0.61	8.5
4/20/2017	2.6			0.65	
4/24/2017		14	8.8		
4/25/2017					8.2
10/11/2017	2.4		10		
10/12/2017		16		0.76	9.5
12/12/2017		23			9.1
12/13/2017			11		
1/11/2018	2.4	15	9.3	0.78	
1/12/2018					9.5
7/11/2018					10
7/12/2018	1.8	27	13	0.67	
1/29/2019					9.2
1/30/2019	2.5	26	11	0.68	
3/27/2019	2.4	22	13	0.62	9.2
9/11/2019	1.4	26	9.3	0.62	8.2
4/1/2020	1.9	21		0.7	8.7
4/2/2020			8.5		
9/15/2020	1.3	27	13		
9/16/2020				0.64	7.6
3/16/2021	1.6	18		0.62	7
3/17/2021			14		
8/18/2021	1.1	23	10	0.75	
8/19/2021					6.9
2/23/2022	1.4	22	8.1	0.64	6.3
8/2/2022			9.6		
8/3/2022	2.6	21		0.82	6.5
2/7/2023	1			0.73	
2/8/2023		22	9.6		6.4
8/2/2023	0.93	20	9.3	0.71	6
2/7/2024	1.2	22	9.6		6.1
2/8/2024				0.73	
8/14/2024	1.4	23	12	0.84	7.4
2/4/2025		22			6.5
2/5/2025	1.4		10	0.7	
8/5/2025					5.6
8/6/2025	1.1	22	10	0.64	
2/3/2026	1.1		11	0.65	5.8
2/4/2026		21			

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
4/19/2016				0.431 (J)
4/21/2016	2.29	2.78		
6/15/2016				0.27 (J)
6/16/2016	2.4	2.9	15.6	
8/10/2016	1.4	0.99	10	0.13 (J)
9/27/2016	1.4	1.3		0.21 (J)
9/28/2016			8.5	
11/15/2016	1.3	1.1		0.27
11/16/2016			8.4	
1/12/2017		0.93		
1/13/2017	1.3			0.41
1/17/2017			3	
3/1/2017	1.4	1		0.25
3/2/2017			3.3	
4/24/2017		1.1		0.34
4/25/2017	1.4		2.5	
7/13/2017			2.1	
10/12/2017	1.7	1.1	1.5	0.21 (J)
1/11/2018		1		
1/12/2018	1.7		1.4	0.4
7/11/2018	1.7	1.1		
7/12/2018			1.2	0.49
1/29/2019	1.8			
1/30/2019		1	1.1	0.38
3/27/2019	1.5	1.1	1.4	0.28
9/11/2019	1.5	1	1.4	0.44 (J)
4/1/2020	1.8	1.1	1.4	0.2 (J)
9/15/2020	1.5	1.1	1.3	
9/16/2020				0.45 (J)
3/16/2021	1.4			
3/17/2021		1.1	0.99	0.51
8/19/2021	1.3	1.2	1.1	0.67
2/22/2022	1.3			
2/23/2022		1.1	0.92	1
8/3/2022	1.4			2.8
8/4/2022		1.1	0.51	
2/8/2023	1.4	1	1.2	2.9
8/2/2023	1.3			2.9
8/3/2023		1	2.7	
2/7/2024	1.4	1	1.6	3.3
8/14/2024	1.6	1.1	1.1	3.4
2/5/2025	1.4	1.2	1.2	2.1
8/5/2025	1.4	1		
8/6/2025			1.2	1.4
2/3/2026	1.4			
2/4/2026		1.2	1.1	3

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
4/19/2016	5.01	9.4			
4/20/2016			2.93	3.69	3.49
6/14/2016	5	8.3	2.9	3.5	3.4
8/9/2016	5.1	8.6		3.7	3.7
8/11/2016			3.6		
9/26/2016	5.1				
9/27/2016		6.3	3.4	3.6	3.8
11/14/2016		6.1	4.2		
11/15/2016	5.2			3.7	3.8
1/10/2017	4.9	6.1	3.6		
1/11/2017				3.5	
1/12/2017					3.5
2/28/2017	4.7	6.2	3.3	3.3	3.6
4/19/2017	4.4	5			
4/20/2017			3.5	3.3	3.4
10/10/2017	4.7		3.9		
10/11/2017		4.1		3.2	3.4
1/10/2018	4.6	4.2	3.3	3.2	3.4
7/11/2018	5	4.3	3.2	3.5	3.4
1/29/2019	5	4	3.4	3.6	3.6
3/26/2019			3.7	3.6	3.5
3/27/2019	4.5	3.5			
9/10/2019			3.6	3.5	3.3
9/11/2019	4.8	3.5			
3/31/2020			4.9	4.1	3.7
4/1/2020	4.9	3.7			
9/15/2020	4.9	3.4		18 (O)	3.5
9/16/2020			3.5		
3/16/2021	4.9	3.6			4
3/17/2021			4.5	4.2	
8/17/2021	5.4	3.5			
8/18/2021					4.1
8/19/2021			3.5	4.3	
2/22/2022	4.6	3.4		3.8	3.8
2/23/2022			3.7		
8/2/2022	4.7	3.5		4	3.7
8/3/2022			3.4		
2/6/2023					3.3
2/7/2023	4.2	3.1	3.2	3.8	
8/1/2023	4.4		3.4	3.9	3.4
8/2/2023		2.9			
2/6/2024	4.4	3.3	3.5	3.9	3.4
8/13/2024		2.9	3.7	4.1	3.5
8/15/2024	4.2				
2/3/2025			4.1		
2/4/2025	4.1	2.9		4.4	3.8
8/5/2025	3.4		3.5	3.7	3.1
8/6/2025		2.7			
2/2/2026		2.9	3.9	4.1	4
2/3/2026	4.2				

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
4/19/2016					5.03
4/20/2016	4.55		3.92	4.25	
4/21/2016		3.99			
6/14/2016	4.3				
6/15/2016		3.5	3.8	4.1	
6/16/2016					4.7
8/9/2016	4.5	4	4	4.5	
8/11/2016					5.3
9/27/2016	4.4	3.9	3.9	4.4	
9/28/2016					5.1
11/15/2016	4.5	4	4	4.5	
11/16/2016					5.2
1/11/2017	4.3	3.8	3.7	4.2	5
2/28/2017	4	3.5			
3/1/2017			3.5	3.9	4.6
4/20/2017	4	3.3	3.6	4	
4/25/2017					4.6
10/11/2017	4	3.5	3.5	4.1	
10/12/2017					4.6
1/11/2018	3.9	3.4	3.4	4.1	
1/12/2018					4.5
7/11/2018	4.2	3.8	3.7	4.4	4.9
1/29/2019	4	3.7	3.8	4.5	
1/30/2019					4.8
3/26/2019	4.1	3.8	3.6		
3/27/2019				4.1	4.3
9/10/2019	4		3.7		
9/11/2019		3.7		4.3	4.5
4/1/2020	4.2	3.8	3.8	4.6	4.7
9/15/2020	4.3	3.6	3.7	4.3	4.4
3/16/2021	4.1		4.1	4.9	
3/17/2021		4			4.7
8/17/2021	4.3		4		
8/19/2021		4.3		4.8	5.1
2/22/2022	4	3.7	3.7	4.5	
2/23/2022					5
8/2/2022	4.3	3.7	3.9	4.7	4.6
2/7/2023	4	3.6	3.7		4.3
2/8/2023				4.5	
8/1/2023		3.6	3.9		
8/2/2023	4			4.8	4.7
2/6/2024	3.9	3.5	3.8	4.7	
2/7/2024					4.5
8/13/2024	4.2	3.8	4.1	5	
8/14/2024					4.9
2/4/2025	4.2 (F1)	3.9	4.1	5.2	
2/5/2025					4.8
8/4/2025	3.5				
8/5/2025		3.5	3.7	4.4	
8/6/2025					4
2/2/2026	4				
2/3/2026		3.6	4	4.9	4.9

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/19/2016					6.1
4/20/2016	6.68		4.9	3.61	
4/21/2016		6.41			
6/15/2016	7		4.6	3.3	
6/16/2016		6			5.7
8/10/2016	7	6.8	5.1	3.8	6.2
9/27/2016	6.4	6.1	4.9	3.7	
9/28/2016					6.9
11/15/2016	6.6	6.7	5	3.9	7.8
1/12/2017	7.3	6.5	4.7	3.6	
1/16/2017					8.6
3/1/2017	7.5	6.3	4.4	3.4	8.3
4/20/2017	6.8			3.5	
4/24/2017		6.1	4.4		
4/25/2017					8.4
10/11/2017	7		4.5		
10/12/2017		6		3.5	8.7
1/11/2018	7.5	5.9	4.3	3.4	
1/12/2018					9
7/11/2018					9.1
7/12/2018	7	5.1	4.3	3.7	
1/29/2019					8.2
1/30/2019	6.8	5.6	4.6	3.7	
3/27/2019	6.8	5.3	4	3.3	7.5
9/11/2019	6	5.4	4.4	3.5	7.7
4/1/2020	5.9	6.9		3.7	7.3
4/2/2020			4.6		
9/15/2020	6.1	6.2	4.1		
9/16/2020				3.5	6.5
3/16/2021	5.8	7.2		3.8	6.5
3/17/2021			4.6		
8/18/2021	5.3	6.8	5.2	3.9	
8/19/2021					6.7
2/23/2022	5.6	6.8	4.8	4.1	5.8
8/2/2022			4.6		
8/3/2022	5.5	6.4		3.9	5.9
2/7/2023	4.5			3.5	
2/8/2023		5.6	4.3		5.2
8/2/2023	5.1	5.8	4.7	3.6	5.4
2/7/2024	4.1	5.2	4.6		5.1
2/8/2024				3.6	
8/14/2024	4.1	5.5	5	3.9	5.2
2/4/2025		5.9			5.7
2/5/2025	4.4		5	3.8	
8/5/2025					4.1
8/6/2025	4	5.5	4	3.9	
2/3/2026	4.7		5.1	3.8	5
2/4/2026		5.8			

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
4/19/2016				14.4
4/21/2016	11.6	6.08		
6/15/2016				12
6/16/2016	10	5.8	5.1	
8/10/2016	10	6.5	4.4	13
9/27/2016	8.9	6.4		12
9/28/2016			4	
11/15/2016	8.5	6.4		11
11/16/2016			4.1	
1/12/2017		6.3		
1/13/2017	8.3			11
1/17/2017			4.3	
3/1/2017	7.9	5.9		11
3/2/2017			4	
4/24/2017		5.9		9.3
4/25/2017	8.2		4.1	
7/13/2017			4.2	
10/12/2017	9.1	6.1	4.3	9.8
12/12/2017				10
1/11/2018		5.8		
1/12/2018	9		4.3	9
7/11/2018	9.9	6.4		
7/12/2018			4.9	9.4
9/13/2018	8.9			9.1
1/29/2019	8.8			
1/30/2019		6.7	7.4	9.1
3/27/2019	8.9	6.3	4.2	10
6/17/2019				9.4
9/11/2019	8.7	6.7	4.6	9.3
4/1/2020	8.6	6.5	4.9	9.7
6/30/2020				11
9/15/2020	8.7	6.5	5	
9/16/2020				8.6
3/16/2021	8			
3/17/2021		6.7	5.5	9.5
8/19/2021	8.8	6.7	6	7.9
2/22/2022	7.7			
2/23/2022		7.3	5.2	9.9
8/3/2022	7.3			8.6
8/4/2022		6.7	5.5	
2/8/2023	6.8	5.9	4.9	7.4
8/2/2023	7.3			7.6
8/3/2023		6	5	
2/7/2024	7.3	5.9	4.9	7.3
8/14/2024	7.5	6.1	5	7.9
2/5/2025	8.6	6.1	5.4	8.8
8/5/2025	6.5	5.5		
8/6/2025			4.5	6.5
2/3/2026	7.7			
2/4/2026		7	5.3	8.5

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.005	<0.005	0.0022	0.22 (O)	
9/11/2004	<0.005	0.0024	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004	<0.005	<0.005	<0.005	<0.005	
7/11/2005	<0.005	<0.005			
7/12/2005			<0.005	0.0023	
12/7/2005	<0.005	<0.005			
12/8/2005			<0.005	<0.005	
6/23/2006	0.0024	0.0021			
6/24/2006			<0.005	<0.005	
11/28/2006	0.0019	0.0023	<0.005	<0.005	
6/19/2007	0.0021	0.0049	<0.005	<0.005	
7/6/2007	0.0021	0.0049		<0.005	
12/13/2007	0.0021	0.0013	<0.005		
12/14/2007				<0.005	
6/20/2008	0.0017	0.0025	<0.005	<0.005	
12/7/2008	0.0018	0.0034	<0.005	<0.005	
7/9/2009	0.0015	<0.005	<0.005	<0.005	
12/28/2009	0.002	0.0021			
12/29/2009				0.004	
12/30/2009			0.0078		
6/22/2010	0.0017	0.0018	<0.005	<0.005	<0.005
1/4/2011	0.002		0.0037	0.0027	
1/5/2011		0.077 (O)			
7/9/2011	0.0027	0.004		<0.005	
7/10/2011			<0.005		
1/20/2012		<0.005			
1/21/2012	<0.005		<0.005	<0.005	
7/11/2012	0.0061 (O)	<0.005	0.0096	0.0038	
1/19/2013		0.0013		0.002	
1/20/2013	0.002		0.0052		
7/18/2013		0.0022		0.0023	
7/19/2013	0.0021		0.002		
1/15/2014	0.0029	0.0019		0.0012 (J)	
1/16/2014			0.0061		
7/10/2014			<0.005	0.0012 (J)	
7/11/2014	0.002	0.0014			
1/15/2015		0.0011 (J)		<0.005	
1/16/2015	0.0026		0.002		
6/19/2015		0.0012 (J)		0.0037	
6/20/2015	0.002		0.0011 (J)		
12/7/2015					<0.005
12/15/2015					<0.005
12/29/2015					<0.005
1/13/2016					<0.005
1/14/2016			0.0011 (J)	<0.005	
1/16/2016	0.0015	0.0014			
1/25/2016					<0.005
4/19/2016	<0.005	<0.005			
4/20/2016			<0.005	<0.005	<0.01 (O)
6/14/2016	0.0017 (J)	0.00085 (J)	0.0013 (J)	0.0011 (J)	0.0094 (J)
8/9/2016	0.0014 (J)	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			<0.005		
9/26/2016	0.0016 (J)				
9/27/2016		<0.005	<0.005	<0.005	<0.005
11/14/2016		0.0011 (J)	<0.005		
11/15/2016	0.0015 (J)			<0.005	<0.005
1/10/2017	0.0015 (J)	0.0012 (J)	<0.005		
1/11/2017				<0.005	
1/12/2017					<0.005
2/28/2017	0.0044	0.004	0.0048	0.0054	0.0049
4/19/2017	0.0011 (J)	0.0011 (J)			
4/20/2017			<0.005	0.0013 (J)	0.0011 (J)
7/17/2017	0.0011 (J)				
7/18/2017		<0.005	<0.005	<0.005	<0.005
1/10/2018	0.0014 (J)	0.0012 (J)	<0.005	<0.005	<0.005
7/11/2018	0.0011 (J)	0.0011 (J)	<0.005	<0.005	<0.005
1/29/2019	0.0019 (J)	0.0016 (J)	0.00099 (J)	0.0014 (J)	0.0037
3/26/2019			<0.005	<0.005	0.0014 (J)
3/27/2019	0.0016 (J)	0.0014 (J)			
9/10/2019			0.0031	0.0041	0.0052
9/11/2019	0.004	0.0034			
3/31/2020			<0.005	<0.005	0.0019 (J)
4/1/2020	0.0017 (J)	<0.005			
9/15/2020	0.0015 (J)	<0.005		<0.005	<0.005
9/16/2020			<0.005		
3/16/2021	0.0015 (J)	0.0015 (J)			<0.005
3/17/2021			<0.005	<0.005	
8/17/2021	0.0016 (J)	0.0015 (J)			
8/18/2021					<0.005
8/19/2021			<0.005	<0.005	
2/22/2022	0.0018 (J)	<0.005		<0.005	<0.005
2/23/2022			<0.005		
8/2/2022	0.0015 (J)	<0.005		<0.005	<0.005
8/3/2022			<0.005		
2/6/2023					0.0025
2/7/2023	0.0028	0.0019 (J)	<0.005	0.002	
8/1/2023	0.0025		<0.005	0.0016 (J)	0.0018 (J)
8/2/2023		0.0022			
2/6/2024	0.002	<0.005	<0.005	<0.005	0.0021
8/13/2024		0.0017 (J)	<0.005	0.0043	0.0022
8/15/2024	0.0018 (J)				
2/3/2025			<0.005		
2/4/2025	0.0019 (J)	0.0016 (J)		0.0015 (J)	0.0023
8/5/2025	<0.005		<0.005	<0.005	<0.005
8/6/2025		<0.005			
2/2/2026		0.0086	<0.005	<0.005	<0.005
2/3/2026	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.005	
1/21/2012					<0.005
7/12/2012	<0.005				
12/7/2015	<0.005	<0.005	<0.005		
12/8/2015				<0.005	0.0012 (J)
12/14/2015			<0.005	<0.005	0.0018
12/15/2015	<0.005	<0.005			
12/28/2015		<0.005	<0.005	<0.005	0.0017
12/29/2015	<0.005				
1/13/2016	<0.005	<0.005	<0.005	<0.005	
1/14/2016					<0.005
1/25/2016	<0.005	<0.005	<0.005		
1/26/2016				<0.005	0.0013
4/19/2016					0.00277 (J)
4/20/2016	<0.005		<0.005	<0.005	
4/21/2016		<0.005			
6/14/2016	0.00086 (J)				
6/15/2016		0.0008 (J)	0.00072 (J)	0.0018 (J)	
6/16/2016					0.0021 (J)
8/9/2016	<0.005	<0.005	<0.005	0.002 (J)	
8/11/2016					0.0023 (J)
9/27/2016	<0.005	<0.005	<0.005	0.0021 (J)	
9/28/2016					0.0022 (J)
11/15/2016	<0.005	<0.005	0.0011 (J)	0.002 (J)	
11/16/2016					0.0019 (J)
1/11/2017	<0.005	<0.005	0.0012 (J)	0.0025	0.0025
2/28/2017	0.0047	0.0051			
3/1/2017			0.0052	0.0067	0.0065
4/20/2017	<0.005	0.0012 (J)	0.0013 (J)	0.0024 (J)	
4/25/2017					0.0026
7/19/2017	<0.005	0.0013 (J)	0.0015 (J)	0.0025	
7/25/2017					0.0023 (J)
1/11/2018	<0.005	0.0011 (J)	0.0013 (J)	0.0026	
1/12/2018					0.002 (J)
7/11/2018	<0.005	<0.005	0.0012 (J)	0.0025	0.0022 (J)
1/29/2019	0.0014 (J)	0.0021 (J)	0.0024 (J)	0.0041	
1/30/2019					0.0049
3/26/2019	<0.005	0.0016 (J)	0.0015 (J)		
3/27/2019				0.0028	0.0025
9/10/2019	0.004		0.004		
9/11/2019		0.0038		0.0059	0.0049
12/17/2019	0.0035	0.0039			
12/18/2019					0.0021
4/1/2020	<0.005	0.0015 (J)	0.024	0.0032	0.0025
9/15/2020	<0.005	<0.005	0.0015 (J)	0.0027	0.0025
3/16/2021	<0.005		0.0017 (J)	0.0031	
3/17/2021		<0.005			0.0027
8/17/2021	<0.005		0.0019 (J)		
8/19/2021		<0.005		0.0027	0.0025
2/22/2022	<0.005	<0.005	0.0015 (J)	0.003	
2/23/2022					0.0025
8/2/2022	<0.005	<0.005	<0.005	0.0033	0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
2/7/2023	0.0021	0.0021	0.0025		0.0043
2/8/2023				0.0044	
8/1/2023		0.0019 (J)	0.0024		
8/2/2023	0.0021			0.0039	0.0025
2/6/2024	<0.005	0.0014 (J)	0.0016 (J)	0.0029	
2/7/2024					0.0025
8/13/2024	0.0028	0.0031	0.0018 (J)	0.0033	
8/14/2024					0.0037
2/4/2025	0.0017 (J)	0.0021	0.0022	0.0036	
2/5/2025					0.0034
8/4/2025	<0.005				
8/5/2025		<0.005	<0.005	<0.005	
8/6/2025					<0.005
2/2/2026	<0.005				
2/3/2026		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.005	<0.005	0.0033	<0.005	
9/11/2004	<0.005	0.0027	0.0038	<0.005	
9/26/2004	<0.005	<0.005	0.0031	<0.005	
10/13/2004		<0.005	<0.005	<0.005	
7/11/2005	<0.005			<0.005	
7/12/2005		0.0036	0.0039		
12/7/2005	0.0021	0.0042	0.0053	<0.005	
6/24/2006	0.002	0.0045		0.002	
6/25/2006			0.0069		
11/28/2006			0.0056	0.0015	
11/29/2006	0.0024	0.0017			
6/20/2007	0.0034	<0.005		0.0021	
6/21/2007			0.0063		
7/6/2007	0.0034	<0.005	0.0063	0.0021	
12/13/2007	0.0029	<0.005		0.0025	
12/14/2007			0.0058		
6/20/2008	0.002	<0.005	0.013	0.0017	
12/7/2008	0.072 (O)	<0.005	0.0048	0.0016	
2/6/2009	0.0035				
7/9/2009	0.0017				
7/10/2009		0.0021	0.0086	0.0017	
12/28/2009	<0.005			0.0018	
12/29/2009		0.0023	0.0077		
6/22/2010	<0.005	0.0051	0.0046	0.0018	
1/4/2011	0.0023	0.0026		0.0039	
1/5/2011			0.0053		
7/9/2011	0.005		0.007	0.0041	
7/10/2011		<0.005			
1/20/2012				<0.005	
1/21/2012	<0.005	<0.005	0.0073		
7/11/2012	0.0023	0.0018	0.01	0.0052	
1/19/2013			0.0058	0.0025	
1/20/2013	0.003	0.0014			
7/18/2013				0.0035	
7/19/2013	<0.005	0.0032	0.005		
7/20/2013		<0.005			
1/15/2014	0.002		0.0081	0.0082	
1/16/2014		0.0058			
7/10/2014		0.0034			
7/11/2014	0.0012 (J)		0.0087	0.0048	
1/15/2015				0.0022	
1/16/2015	0.0011 (J)	0.0024	0.0061		
6/19/2015				0.0024	
6/20/2015	0.0028	0.0072	0.005		
12/8/2015					0.0026
12/15/2015					0.0017
12/28/2015					0.0016
1/14/2016			0.0045		0.0016
1/16/2016	0.0013	0.0076		0.002	
1/26/2016					0.0016
4/19/2016					<0.005
4/20/2016	<0.005		0.00856 (J)	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/21/2016		0.00617 (J)			
6/15/2016	0.0011 (J)		0.0061 (J)	0.0016 (J)	
6/16/2016		0.007 (J)			0.0016 (J)
8/10/2016	0.0015 (J)	0.0056	0.0052	0.0016 (J)	0.0016 (J)
9/27/2016	0.0018 (J)	0.0057	0.0051	0.0019 (J)	
9/28/2016					<0.005
11/15/2016	0.0019 (J)	0.0062	0.005	0.0017 (J)	<0.005
1/12/2017	0.0012 (J)	0.0061	0.0051	0.0017 (J)	
1/16/2017					0.0013 (J)
3/1/2017	0.0049	0.01	0.0088	0.0055	0.0056
4/20/2017	<0.005			0.0016 (J)	
4/24/2017		0.0053	0.0049		
4/25/2017					0.0019 (J)
7/19/2017	0.0017 (J)				
7/20/2017				0.0017 (J)	
7/24/2017		0.0055	0.0049		
7/25/2017					0.0013 (J)
1/11/2018	<0.005	0.0055	0.0044	0.0016 (J)	
1/12/2018					0.0017 (J)
7/11/2018					0.0011 (J)
7/12/2018	<0.005	0.0017 (J)	0.0023 (J)	0.0015 (J)	
1/29/2019					0.0019 (J)
1/30/2019	0.0021 (J)	0.0071	0.006	0.0039	
3/27/2019	<0.005	0.0035	0.0031	0.0019 (J)	0.0014 (J)
9/11/2019	0.0035	0.004	0.0071	0.0036	0.0043
4/1/2020	<0.005	0.0084		0.0019 (J)	0.0018 (J)
4/2/2020			0.0055		
9/15/2020	<0.005	0.0018 (J)	0.0028		
9/16/2020				0.0016 (J)	0.0015 (J)
3/16/2021	<0.005	0.0054		0.0019 (J)	0.0017 (J)
3/17/2021			0.0031		
8/18/2021	0.0018 (J)	0.0026	0.004	0.0037	
8/19/2021					0.0015 (J)
2/23/2022	<0.005	0.0031	0.005	0.0016 (J)	0.0016 (J)
8/2/2022			0.0046		
8/3/2022	0.0015 (J)	0.0031		0.0019 (J)	0.0017 (J)
2/7/2023	0.0024			0.002	
2/8/2023		0.0038	0.0059		0.0026
8/2/2023	0.0024	0.0051	0.0047	0.0023	0.0023
2/7/2024	0.0018 (J)	0.003	0.0058		0.0016 (J)
2/8/2024				0.002	
8/14/2024	0.0032	0.0047	0.0053	0.0021	0.0023
2/4/2025		0.0043			0.002
2/5/2025	0.0016 (J)		0.0067	0.0025	
8/5/2025					<0.005
8/6/2025	<0.005	0.0045 (J)	0.004 (J)	<0.005	
2/3/2026	<0.005		0.0055	<0.005	<0.005
2/4/2026		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.005
9/11/2004				<0.005
9/26/2004				<0.005
10/13/2004				<0.005
7/12/2005				<0.005
12/8/2005				<0.005
6/25/2006				<0.005
11/29/2006				<0.005
6/20/2007				0.0017
7/6/2007				0.0017
12/13/2007				0.0021
6/20/2008				0.0021
12/7/2008				0.0018
7/9/2009				0.0024
12/29/2009				0.0021
6/22/2010				<0.005
1/5/2011				0.0034
7/9/2011				0.0018
1/21/2012				<0.005
7/11/2012				0.0038
1/19/2013				0.0065 (O)
7/18/2013				0.0029
1/15/2014				<0.005
7/10/2014				<0.005
1/16/2015				<0.005
6/20/2015				<0.005
12/9/2015	<0.005	<0.005		
12/14/2015	<0.005	<0.005		
12/29/2015	<0.005	<0.005		
1/14/2016	<0.005	<0.005		<0.005
1/25/2016	<0.005	<0.005		
4/19/2016				<0.005
4/21/2016	<0.005	<0.005		
6/15/2016				0.00021 (J)
6/16/2016	0.0008 (J)	0.00031 (J)	0.00023 (J)	
8/10/2016	<0.005	<0.005	<0.005	<0.005
9/27/2016	<0.005	0.35 (O)		<0.005
9/28/2016			<0.005	
11/15/2016	<0.005	<0.005		<0.005
11/16/2016			<0.005	
1/12/2017		<0.005		
1/13/2017	<0.005			0.0012 (J)
1/17/2017			<0.005	
3/1/2017	0.005	0.0044		0.0043
3/2/2017			0.0017 (J)	
4/24/2017		<0.005		<0.005
4/25/2017	<0.005		<0.005	
7/13/2017			<0.005	
7/24/2017				<0.005
7/25/2017	<0.005	<0.005	<0.005	
1/11/2018		<0.005		
1/12/2018	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	<0.005	<0.005		
7/12/2018			<0.005	<0.005
1/29/2019	0.0013 (J)			
1/30/2019		0.0017 (J)	0.0019 (J)	0.0012 (J)
3/27/2019	<0.005	<0.005	<0.005	<0.005
9/11/2019	0.0034	0.0025	0.004	0.0025
12/18/2019	<0.005		0.0018 (J)	
4/1/2020	<0.005	<0.005	0.0022	<0.005
9/15/2020	<0.005	<0.005	0.0023	
9/16/2020				<0.005
3/16/2021	<0.005			
3/17/2021		<0.005	0.0027	<0.005
8/19/2021	0.0018 (J)	<0.005	0.0023	<0.005
2/22/2022	<0.005			
2/23/2022		<0.005	0.0028	<0.005
8/3/2022	<0.005			<0.005
8/4/2022		<0.005	0.0029	
2/8/2023	0.002	<0.005	0.0033	0.0013 (J)
8/2/2023	0.004			0.0012 (J)
8/3/2023		<0.005	0.0026	
2/7/2024	<0.005	<0.005	0.0029	<0.005
8/14/2024	0.0015 (J)	0.0013 (J)	0.0039	0.0013 (J)
2/5/2025	0.0019 (J)	<0.005	0.0036	0.0014 (J)
8/5/2025	<0.005	<0.005		
8/6/2025			<0.005	<0.005
2/3/2026	<0.005			
2/4/2026		<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004	<0.005	<0.005	<0.005	<0.005	
7/11/2005	<0.005	<0.005			
7/12/2005			<0.005	<0.005	
12/7/2005	<0.005	<0.005			
12/8/2005			<0.005	<0.005	
6/23/2006	<0.005	<0.005			
6/24/2006			<0.005	<0.005	
11/28/2006	<0.005	<0.005	<0.005	<0.005	
6/19/2007	<0.005	<0.005	<0.005	<0.005	
7/6/2007	<0.005	<0.005		<0.005	
12/13/2007	<0.005	<0.005	<0.005		
12/14/2007				<0.005	
6/20/2008	<0.005	<0.005	<0.005	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005	<0.005	<0.005	<0.005	
12/28/2009	<0.005	<0.005			
12/29/2009				0.011	
12/30/2009			0.013		
6/22/2010	<0.005	<0.005	<0.005	<0.005	<0.005
1/4/2011	<0.005		<0.005	<0.005	
1/5/2011		0.0066 (O)			
7/9/2011	<0.005	<0.005		<0.005	
7/10/2011			<0.005		
1/20/2012		<0.005			<0.005
1/21/2012	<0.005		0.0061	<0.005	
7/11/2012	0.0017	<0.005	0.01	0.0072	
1/19/2013		<0.005		<0.005	
1/20/2013	<0.005		0.0033		
7/18/2013		<0.005		<0.005	
7/19/2013	<0.005		<0.005		
1/15/2014	0.0011 (J)	<0.005		0.00075 (J)	
1/16/2014			0.0027		
7/10/2014			<0.005	0.0007 (J)	
7/11/2014	0.0012 (J)	<0.005			
1/15/2015		<0.005		0.0007 (J)	
1/16/2015	0.00083 (J)		0.0077		
6/19/2015		<0.005		0.0011 (J)	
6/20/2015	0.0013		<0.005		
12/7/2015					0.0012 (J)
12/15/2015					0.00099 (J)
12/29/2015					0.0012 (J)
1/13/2016					0.0012 (J)
1/14/2016			<0.005	0.00064 (J)	
1/16/2016	0.0012 (J)	<0.005			
1/25/2016					0.00095 (J)
4/19/2016	<0.005	<0.005			
4/20/2016			<0.005	<0.005	<0.005
6/14/2016	0.001 (J)	0.00044 (J)	0.0004 (J)	0.0006 (J)	0.00072 (J)
8/9/2016	0.0012 (J)	0.00042 (J)		0.00062 (J)	0.00041 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			0.0046		
9/26/2016	0.0012 (J)				
9/27/2016		0.00042 (J)	0.001 (J)	0.00059 (J)	0.00058 (J)
11/14/2016		<0.005	<0.005		
11/15/2016	0.0013 (J)			0.00064 (J)	0.00048 (J)
1/10/2017	0.0011 (J)	<0.005	0.00044 (J)		
1/11/2017				0.00064 (J)	
1/12/2017					0.0014 (J)
2/28/2017	0.0014 (J)	0.00048 (J)	0.001 (J)	0.00078 (J)	0.00075 (J)
4/19/2017	0.0012 (J)	<0.005			
4/20/2017			0.00059 (J)	0.00065 (J)	0.0005 (J)
7/17/2017	0.0013 (J)				
7/18/2017		<0.005	0.00079 (J)	0.00069 (J)	0.00051 (J)
1/10/2018	0.0013 (J)	<0.005	0.0018 (J)	0.00068 (J)	0.00049 (J)
7/11/2018	0.0013 (J)	<0.005	0.0044	0.00071 (J)	<0.005
1/29/2019	0.001 (J)	0.00035 (J)	0.0033	0.00064 (J)	0.00043 (J)
3/26/2019			0.0037	0.00064 (J)	<0.005
3/27/2019	0.0011 (J)	<0.005			
9/10/2019			0.0031	0.00074	0.00064
9/11/2019	0.0015	0.00039 (J)			
3/31/2020			0.0038	0.00067 (J)	0.00034 (J)
4/1/2020	0.0013 (J)	0.00024 (J)			
9/15/2020	0.00099 (J)	<0.005		0.0005 (J)	<0.005
9/16/2020			0.0014 (J)		
3/16/2021	0.0013 (J)	0.00033 (J)			0.0005 (J)
3/17/2021			0.0014 (J)	0.00083 (J)	
8/17/2021	0.0015 (J)	0.00039 (J)			
8/18/2021					0.00058 (J)
8/19/2021			0.0013 (J)	0.00079 (J)	
2/22/2022	0.0015 (J)	0.00037 (J)		0.00076 (J)	0.00052 (J)
2/23/2022			0.0013 (J)		
8/2/2022	0.0013 (J)	0.00031 (J)		0.00085 (J)	0.00044 (J)
8/3/2022			0.0017 (J)		
2/6/2023					0.00049 (J)
2/7/2023	0.0012 (J)	0.00026 (J)	0.0013 (J)	0.00094 (J)	
8/1/2023	0.0015 (J)		0.0013 (J)	0.00086 (J)	0.00053 (J)
8/2/2023		0.00032 (J)			
2/6/2024	0.0015 (J)	0.00025 (J)	0.0014 (J)	0.00086 (J)	0.00049 (J)
8/13/2024		0.00031 (J)	0.0011 (J)	0.0009 (J)	0.00049 (J)
8/15/2024	0.0014 (J)				
2/3/2025			0.0011 (J)		
2/4/2025	0.0014 (J)	0.00024 (J)		0.00083 (J)	0.00046 (J)
8/5/2025	0.0012 (J)		0.00069 (J)	0.00071 (J)	<0.005
8/6/2025		<0.005			
2/2/2026		<0.005	0.0013 (J)	0.00081 (J)	0.00054 (J)
2/3/2026	0.0014 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.005	
1/21/2012					<0.005
7/12/2012	<0.005				
12/7/2015	0.001 (J)	0.0011 (J)	0.0012 (J)		
12/8/2015				0.0018	<0.005
12/14/2015			0.001 (J)	0.0016	<0.005
12/15/2015	0.00078 (J)	0.0011 (J)			
12/28/2015		0.0016	0.0012 (J)	0.0015	<0.005
12/29/2015	0.00094 (J)				
1/13/2016	0.001 (J)	0.0016	0.001 (J)	0.0013	
1/14/2016					<0.005
1/25/2016	0.00085 (J)	0.0014	0.00089 (J)		
1/26/2016				0.0012 (J)	<0.005
4/19/2016					<0.005
4/20/2016	<0.005		<0.005	<0.005	
4/21/2016		<0.005			
6/14/2016	0.00048 (J)				
6/15/2016		0.00047 (J)	0.00063 (J)	0.00073 (J)	
6/16/2016					0.00017 (J)
8/9/2016	0.00045 (J)	<0.005	0.00055 (J)	0.00069 (J)	
8/11/2016					<0.005
9/27/2016	0.00046 (J)	0.00045 (J)	0.00059 (J)	0.00081 (J)	
9/28/2016					<0.005
11/15/2016	<0.005	0.00048 (J)	0.0005 (J)	0.00071 (J)	
11/16/2016					<0.005
1/11/2017	<0.005	0.00046 (J)	0.00044 (J)	0.00062 (J)	<0.005
2/28/2017	0.00051 (J)	0.00061 (J)			
3/1/2017			0.00066 (J)	0.00081 (J)	<0.005
4/20/2017	<0.005	0.00042 (J)	0.00045 (J)	0.00053 (J)	
4/25/2017					<0.005
7/19/2017	<0.005	0.00041 (J)	0.00047 (J)	0.00051 (J)	
7/25/2017					<0.005
1/11/2018	<0.005	0.00044 (J)	0.00043 (J)	0.00046 (J)	
1/12/2018					<0.005
7/11/2018	<0.005	0.0004 (J)	0.00043 (J)	<0.005	<0.005
1/29/2019	0.00029 (J)	0.00037 (J)	0.00044 (J)	0.00038 (J)	
1/30/2019					0.0004 (J)
3/26/2019	<0.005	<0.005	<0.005		
3/27/2019				<0.005	<0.005
9/10/2019	0.00042 (J)		0.0005		
9/11/2019		0.00044 (J)		0.00034 (J)	8.2E-05 (J)
4/1/2020	0.00033 (J)	0.00036 (J)	0.00036 (J)	0.00023 (J)	<0.005
9/15/2020	<0.005	<0.005	<0.005	<0.005	<0.005
3/16/2021	0.00035 (J)		0.00047 (J)	0.00027 (J)	
3/17/2021		0.0004 (J)			<0.005
8/17/2021	0.00048 (J)		0.00043 (J)		
8/19/2021		0.0004 (J)		0.00023 (J)	<0.005
2/22/2022	0.00042 (J)	0.00051 (J)	0.00048 (J)	<0.005	
2/23/2022					<0.005
8/2/2022	0.00038 (J)	0.00042 (J)	0.00049 (J)	<0.005	<0.005
2/7/2023	0.00043 (J)	0.0004 (J)	0.00047 (J)		<0.005
2/8/2023				<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/1/2023		0.00043 (J)	0.00055 (J)		
8/2/2023	0.00036 (J)			<0.005	<0.005
2/6/2024	0.00041 (J)	0.00046 (J)	0.00045 (J)	<0.005	
2/7/2024					<0.005
8/13/2024	0.00041 (J)	0.00051 (J)	0.00049 (J)	<0.005	
8/14/2024					<0.005
2/4/2025	0.00036 (J)	0.00041 (J)	0.00039 (J)	<0.005	
2/5/2025					<0.005
8/4/2025	<0.005				
8/5/2025		<0.005	<0.005	<0.005	
8/6/2025					<0.005
2/2/2026	<0.005				
2/3/2026		0.00047 (J)	0.00045 (J)	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004		<0.005	<0.005	<0.005	
7/11/2005	<0.005			<0.005	
7/12/2005		<0.005	<0.005		
12/7/2005	<0.005	<0.005	<0.005	<0.005	
6/24/2006	<0.005	<0.005		<0.005	
6/25/2006			<0.005		
11/28/2006			<0.005	<0.005	
11/29/2006	<0.005	<0.005			
6/20/2007	<0.005	<0.005		<0.005	
6/21/2007			<0.005		
7/6/2007	<0.005	<0.005	<0.005	<0.005	
12/13/2007	<0.005	<0.005		<0.005	
12/14/2007			<0.005		
6/20/2008	<0.005	<0.005	<0.005	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005				
7/10/2009		<0.005	<0.005	<0.005	
12/28/2009	<0.005			<0.005	
12/29/2009		<0.005	0.0071		
6/22/2010	<0.005	<0.005	<0.005	<0.005	
1/4/2011	<0.005	<0.005		<0.005	
1/5/2011			<0.005		
7/9/2011	<0.005		0.0037	0.0039	
7/10/2011		<0.005			
1/19/2012		<0.005			
1/20/2012				<0.005	
1/21/2012	<0.005	<0.005	0.0062		
7/11/2012	0.0013	<0.005	0.007	0.012 (O)	
1/19/2013			<0.005	<0.005	
1/20/2013	0.0013	<0.005			
7/18/2013				<0.005	
7/19/2013	0.0015	<0.005	<0.005		
7/20/2013		<0.005			
1/15/2014	0.0017		0.0028	0.005	
1/16/2014		<0.005			
7/10/2014		<0.005			
7/11/2014	0.0018		<0.005	0.00079 (J)	
1/15/2015				0.00069 (J)	
1/16/2015	0.0019	<0.005	0.0048		
6/19/2015				0.0007 (J)	
6/20/2015	0.002	0.0006 (J)	<0.005		
12/8/2015					0.00084 (J)
12/15/2015					0.00063 (J)
12/28/2015					0.00071 (J)
1/14/2016			<0.005		<0.005
1/16/2016	0.0015	<0.005		0.00061 (J)	
1/26/2016					<0.005
4/19/2016					<0.005
4/20/2016	<0.005		<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/21/2016		<0.005			
6/15/2016	0.0015 (J)		0.00011 (J)	0.00051 (J)	
6/16/2016		1E-05 (J)			6.7E-05 (J)
8/10/2016	0.0016 (J)	<0.005	<0.005	0.00052 (J)	<0.005
9/27/2016	0.0016 (J)	<0.005	<0.005	0.00077 (J)	
9/28/2016					<0.005
11/15/2016	0.0015 (J)	<0.005	<0.005	0.00055 (J)	<0.005
1/12/2017	0.0016 (J)	<0.005	<0.005	0.0005 (J)	
1/16/2017					<0.005
3/1/2017	0.0021 (J)	<0.005	<0.005	0.00079 (J)	<0.005
4/20/2017	0.0018 (J)			0.00056 (J)	
4/24/2017		<0.005	<0.005		
4/25/2017					<0.005
7/19/2017	0.0015 (J)				
7/20/2017				0.00051 (J)	
7/24/2017		<0.005	<0.005		
7/25/2017					<0.005
1/11/2018	0.0019 (J)	<0.005	<0.005	0.0006 (J)	
1/12/2018					<0.005
7/11/2018					<0.005
7/12/2018	0.0018 (J)	<0.005	<0.005	0.00056 (J)	
1/29/2019					<0.005
1/30/2019	0.0016 (J)	<0.005	<0.005	0.0006 (J)	
3/27/2019	0.0017 (J)	<0.005	<0.005	0.00051 (J)	<0.005
9/11/2019	0.002	0.0001 (J)	<0.005	0.00067	9.9E-05 (J)
4/1/2020	0.0016 (J)	<0.005		0.00051 (J)	<0.005
4/2/2020			<0.005		
9/15/2020	0.0014 (J)	<0.005	<0.005		
9/16/2020				0.00023 (J)	<0.005
3/16/2021	0.0017 (J)	<0.005		0.00058 (J)	<0.005
3/17/2021			0.00016 (J)		
8/18/2021	0.0018 (J)	<0.005	<0.005	0.00065 (J)	
8/19/2021					<0.005
2/23/2022	0.0017 (J)	<0.005	<0.005	0.00049 (J)	<0.005
8/2/2022			<0.005		
8/3/2022	0.00034 (J)	<0.005		0.00068 (J)	<0.005
2/7/2023	0.0016 (J)			0.00058 (J)	
2/8/2023		<0.005	<0.005		<0.005
8/2/2023	0.0016 (J)	<0.005	<0.005	0.00055 (J)	<0.005
2/7/2024	0.0015 (J)	<0.005	<0.005		<0.005
2/8/2024				0.00062 (J)	
8/14/2024	0.0016 (J)	<0.005	<0.005	0.00066 (J)	<0.005
2/4/2025		<0.005			<0.005
2/5/2025	0.0013 (J)		<0.005	0.00057 (J)	
8/5/2025					<0.005
8/6/2025	0.0013 (J)	<0.005	<0.005	0.00047 (J)	
2/3/2026	0.0015 (J)		<0.005	0.00057 (J)	<0.005
2/4/2026		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.005
9/11/2004				<0.005
9/26/2004				<0.005
10/13/2004				<0.005
7/12/2005				<0.005
12/8/2005				<0.005
6/25/2006				<0.005
11/29/2006				<0.005
6/20/2007				<0.005
7/6/2007				<0.005
12/13/2007				<0.005
6/20/2008				<0.005
12/7/2008				<0.005
7/9/2009				<0.005
12/29/2009				<0.005
6/22/2010				<0.005
1/5/2011				<0.005
7/9/2011				<0.005
1/21/2012				<0.005
7/11/2012				0.0013
1/19/2013				0.0055
7/18/2013				<0.005
1/15/2014				0.00052 (J)
7/10/2014				0.00055 (J)
1/16/2015				<0.005
6/20/2015				0.00052 (J)
12/9/2015	0.0055	0.0013		
12/14/2015	0.0073	0.0014		
12/29/2015	0.0076	0.0018		
1/14/2016	0.0056	0.0018		0.00051 (J)
1/25/2016	0.0061	0.0019		
4/19/2016				<0.005
4/21/2016	0.00468 (J)	<0.005		
6/15/2016				0.00052 (J)
6/16/2016	0.0032 (J)	0.0021 (J)	0.0019 (J)	
8/10/2016	0.0025	0.0015 (J)	0.0051	0.0006 (J)
9/27/2016	0.0023 (J)	0.015 (O)		0.00063 (J)
9/28/2016			0.0058	
11/15/2016	0.0019 (J)	0.0017 (J)		0.00053 (J)
11/16/2016			0.0063	
1/12/2017		0.0014 (J)		
1/13/2017	0.0017 (J)			0.00052 (J)
1/17/2017			0.0057	
3/1/2017	0.0021 (J)	0.0019 (J)		0.00084 (J)
3/2/2017			0.0095	
4/24/2017		0.0015 (J)		0.00055 (J)
4/25/2017	0.0016 (J)		0.0078	
7/13/2017			0.0061	
7/24/2017				0.00058 (J)
7/25/2017	0.0016 (J)	0.0014 (J)	0.0074	
1/11/2018		0.0013 (J)		
1/12/2018	0.0014 (J)		0.0072	0.00054 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	0.0013 (J)	0.0012 (J)		
7/12/2018			0.0077	0.00072 (J)
1/29/2019	0.00084 (J)			
1/30/2019		0.00099 (J)	0.0061	0.00066 (J)
3/27/2019	0.0012 (J)	0.001 (J)	0.006	0.00051 (J)
9/11/2019	0.0014	0.0012	0.0059	0.00083
4/1/2020	0.00094 (J)	0.00088 (J)	0.0037	0.00042 (J)
9/15/2020	0.00097 (J)	0.00088 (J)	0.0032	
9/16/2020				0.00037 (J)
3/16/2021	0.0009 (J)			
3/17/2021		0.00092 (J)	0.0035	0.00092 (J)
8/19/2021	0.00088 (J)	0.00077 (J)	0.0025	0.00063 (J)
2/22/2022	0.0009 (J)			
2/23/2022		0.00079 (J)	0.0026	0.00064 (J)
8/3/2022	0.00091 (J)			0.00034 (J)
8/4/2022		0.00083 (J)	0.0016 (J)	
2/8/2023	0.00075 (J)	0.00077 (J)	0.0014 (J)	<0.005
8/2/2023	0.00082 (J)			<0.005
8/3/2023		0.0007 (J)	0.00045 (J)	
2/7/2024	0.00078 (J)	0.0008 (J)	0.0012 (J)	<0.005
8/14/2024	0.00072 (J)	0.00079 (J)	0.0013 (J)	<0.005
2/5/2025	0.00067 (J)	0.00077 (J)	0.00095 (J)	0.00039 (J)
8/5/2025	0.00062 (J)	0.0007 (J)		
8/6/2025			0.001 (J)	0.00041 (J)
2/3/2026	0.00081 (J)			
2/4/2026		0.00081 (J)	0.0007 (J)	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.002	<0.002	0.0023	<0.002	
9/11/2004	0.003	<0.002	<0.002	<0.002	
9/26/2004	<0.002	0.0029	<0.002	<0.002	
10/13/2004	<0.002	<0.002	<0.002	<0.002	
7/11/2005	<0.002	<0.002			
7/12/2005			<0.002	<0.002	
12/7/2005	<0.002	<0.002			
12/8/2005			<0.002	<0.002	
6/23/2006	<0.002	0.0026			
6/24/2006			<0.002	<0.002	
11/28/2006	<0.002	<0.002	<0.002	<0.002	
6/19/2007	<0.002	0.0034	<0.002	<0.002	
7/6/2007	<0.002	0.0034		<0.002	
12/13/2007	<0.002	<0.002	<0.002		
12/14/2007				<0.002	
6/20/2008	<0.002	<0.002	<0.002	<0.002	
12/7/2008	<0.002	<0.002	<0.002	<0.002	
7/9/2009	<0.002	<0.002	<0.002	<0.002	
12/28/2009	<0.002	<0.002			
12/29/2009				<0.002	
12/30/2009			<0.002		
6/22/2010	<0.002	<0.002	<0.002	<0.002	<0.002
1/4/2011	<0.002		<0.002	<0.002	
1/5/2011		0.014 (O)			
7/9/2011	<0.002	<0.002		<0.002	
7/10/2011			<0.002		
1/20/2012		<0.002			<0.002
1/21/2012	<0.002		<0.002	<0.002	
7/11/2012	<0.002	<0.002	<0.002	<0.002	
1/19/2013		<0.002		<0.002	
1/20/2013	<0.002		<0.002		
7/18/2013		<0.002		<0.002	
7/19/2013	<0.002		<0.002		
1/15/2014	<0.002	<0.002		<0.002	
1/16/2014			<0.002		
7/10/2014			<0.002	<0.002	
7/11/2014	<0.002	<0.002			
1/15/2015		<0.002		<0.002	
1/16/2015	<0.002		<0.002		
6/19/2015		<0.002		<0.002	
6/20/2015	<0.002		<0.002		
12/7/2015					<0.002
12/15/2015					<0.002
12/29/2015					<0.002
1/13/2016					<0.002
1/14/2016			<0.002	0.00084 (J)	
1/16/2016	<0.002	<0.002			
1/25/2016					<0.002
6/14/2016	<0.002	<0.002	<0.002	0.0021 (J)	<0.002
1/10/2017	<0.002	<0.002	<0.002		
1/11/2017				<0.002	
1/12/2017					<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
7/17/2017	<0.002				
7/18/2017		<0.002	<0.002	<0.002	<0.002
1/10/2018	<0.002	<0.002	<0.002	<0.002	<0.002
7/11/2018	<0.002	<0.002	<0.002	<0.002	<0.002
1/29/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019			0.0021 (J)	<0.002	<0.002
3/27/2019	<0.002	<0.002			
9/10/2019			0.0016 (J)	<0.002	0.00066 (J)
9/11/2019	<0.002	0.00092 (J)			
3/31/2020			0.0051	<0.002	<0.002
4/1/2020	<0.002	<0.002			
9/15/2020	<0.002	0.00095 (J)		<0.002	<0.002
9/16/2020			0.00079 (J)		
3/16/2021	<0.002	<0.002			<0.002
3/17/2021			0.0012 (J)	<0.002	
8/17/2021	<0.002	<0.002			
8/18/2021					<0.002
8/19/2021			0.00087 (J)	<0.002	
2/22/2022	<0.002	<0.002		<0.002	<0.002
2/23/2022			0.0012 (J)		
8/2/2022	<0.002	<0.002		<0.002	<0.002
8/3/2022			<0.002		
2/6/2023					<0.002
2/7/2023	<0.002	<0.002	<0.002	<0.002	
8/1/2023	<0.002		<0.002	<0.002	<0.002
8/2/2023		<0.002			
2/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/13/2024		<0.002	<0.002	<0.002	<0.002
8/15/2024	<0.002				
2/3/2025			<0.002		
2/4/2025	<0.002	<0.002		<0.002	<0.002
8/5/2025	0.0024		<0.002	<0.002	0.0011 (J)
8/6/2025		<0.002			
2/2/2026		0.001 (J)	0.00066 (J)	<0.002	<0.002
2/3/2026	<0.002				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.002	
1/21/2012					<0.002
7/12/2012	<0.002				
12/7/2015	<0.002	0.00084 (J)	0.001 (J)		
12/8/2015				0.0021 (J)	<0.002
12/14/2015			<0.002	0.0018 (J)	0.00096 (J)
12/15/2015	<0.002	<0.002			
12/28/2015		<0.002	<0.002	<0.002	<0.002
12/29/2015	<0.002				
1/13/2016	<0.002	<0.002	<0.002	<0.002	
1/14/2016					<0.002
1/25/2016	0.0014 (J)	<0.002	0.00081 (J)		
1/26/2016				<0.002	<0.002
6/14/2016	<0.002				
6/15/2016		<0.002	<0.002	<0.002	
6/16/2016					0.00068 (J)
1/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002
7/19/2017	<0.002	<0.002	<0.002	<0.002	
7/25/2017					<0.002
1/11/2018	<0.002	<0.002	<0.002	<0.002	
1/12/2018					<0.002
7/11/2018	<0.002	<0.002	<0.002	<0.002	<0.002
1/29/2019	<0.002	<0.002	<0.002	<0.002	
1/30/2019					0.0021 (J)
3/26/2019	<0.002	<0.002	<0.002		
3/27/2019				<0.002	<0.002
9/10/2019	0.00076 (J)		<0.002		
9/11/2019		<0.002		0.0012 (J)	0.0011 (J)
4/1/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/15/2020	<0.002	<0.002	<0.002	<0.002	<0.002
3/16/2021	<0.002		<0.002	<0.002	
3/17/2021		<0.002			0.001 (J)
8/17/2021	<0.002		<0.002		
8/19/2021		<0.002		<0.002	0.00089 (J)
2/22/2022	<0.002	<0.002	<0.002	<0.002	
2/23/2022					<0.002
8/2/2022	<0.002	<0.002	<0.002	<0.002	<0.002
2/7/2023	<0.002	<0.002	<0.002		<0.002
2/8/2023				<0.002	
8/1/2023		<0.002	<0.002		
8/2/2023	<0.002			<0.002	0.0013 (J)
2/6/2024	<0.002	<0.002	<0.002	<0.002	
2/7/2024					<0.002
8/13/2024	<0.002	<0.002	<0.002	<0.002	
8/14/2024					<0.002
2/4/2025	<0.002	<0.002	<0.002	<0.002	
2/5/2025					<0.002
8/4/2025	<0.002				
8/5/2025		<0.002	<0.002	<0.002	
8/6/2025					0.0007 (J)
2/2/2026	<0.002				
2/3/2026		<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.002	<0.002	<0.002	<0.002	
9/11/2004	<0.002	<0.002	<0.002	<0.002	
9/26/2004	<0.002	<0.002	<0.002	<0.002	
10/13/2004		<0.002	<0.002	<0.002	
7/11/2005	<0.002			<0.002	
7/12/2005		<0.002	<0.002		
12/7/2005	<0.002	<0.002	<0.002	<0.002	
6/24/2006	<0.002	<0.002		<0.002	
6/25/2006			<0.002		
11/28/2006			0.0027	<0.002	
11/29/2006	<0.002	<0.002			
6/20/2007	<0.002	<0.002		<0.002	
6/21/2007			<0.002		
7/6/2007	<0.002	<0.002	<0.002	<0.002	
12/13/2007	<0.002	<0.002		<0.002	
12/14/2007			<0.002		
6/20/2008	<0.002	<0.002	<0.002	<0.002	
12/7/2008	<0.002	<0.002	<0.002	<0.002	
7/9/2009	<0.002				
7/10/2009		<0.002	<0.002	<0.002	
12/28/2009	<0.002			<0.002	
12/29/2009		<0.002	<0.002		
6/22/2010	<0.002	<0.002	<0.002	<0.002	
1/4/2011	<0.002	<0.002		<0.002	
1/5/2011			<0.002		
7/9/2011	<0.002		<0.002	<0.002	
7/10/2011		<0.002			
1/19/2012		<0.002			
1/20/2012				<0.002	
1/21/2012	<0.002	<0.002	<0.002		
7/11/2012	<0.002	<0.002	<0.002	<0.002	
1/19/2013			<0.002	<0.002	
1/20/2013	<0.002	<0.002			
7/18/2013				<0.002	
7/19/2013	<0.002	<0.002	<0.002		
7/20/2013		<0.002			
1/15/2014	<0.002		<0.002	<0.002	
1/16/2014		<0.002			
7/10/2014		<0.002			
7/11/2014	<0.002		0.0014 (J)	<0.002	
1/15/2015				<0.002	
1/16/2015	<0.002	<0.002	<0.002		
6/19/2015				<0.002	
6/20/2015	<0.002	<0.002	<0.002		
12/8/2015					<0.002
12/15/2015					<0.002
12/28/2015					<0.002
1/14/2016			<0.002		<0.002
1/16/2016	<0.002	<0.002		<0.002	
1/26/2016					<0.002
6/15/2016	<0.002		<0.002	<0.002	
6/16/2016		<0.002			0.00024 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
1/12/2017	<0.002	<0.002	<0.002	<0.002	
1/16/2017					<0.002
7/19/2017	<0.002				
7/20/2017				<0.002	
7/24/2017		<0.002	<0.002		
7/25/2017					<0.002
1/11/2018	<0.002	<0.002	<0.002	<0.002	
1/12/2018					<0.002
7/11/2018					<0.002
7/12/2018	<0.002	<0.002	<0.002	<0.002	
1/29/2019					<0.002
1/30/2019	<0.002	<0.002	<0.002	<0.002	
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/11/2019	0.001 (J)	<0.002	<0.002	0.00069 (J)	0.00085 (J)
4/1/2020	<0.002	<0.002		<0.002	<0.002
4/2/2020			0.0013 (J)		
9/15/2020	<0.002	<0.002	<0.002		
9/16/2020				<0.002	<0.002
3/16/2021	<0.002	<0.002		<0.002	<0.002
3/17/2021			0.0019 (J)		
8/18/2021	<0.002	<0.002	<0.002	0.00096 (J)	
8/19/2021					<0.002
2/23/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/2/2022			<0.002		
8/3/2022	<0.002	<0.002		<0.002	<0.002
2/7/2023	<0.002			<0.002	
2/8/2023		<0.002	<0.002		<0.002
8/2/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/7/2024	<0.002	<0.002	<0.002		<0.002
2/8/2024				<0.002	
8/14/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/4/2025		<0.002			<0.002
2/5/2025	<0.002		<0.002	<0.002	
8/5/2025					<0.002
8/6/2025	<0.002	<0.002	<0.002	<0.002	
2/3/2026	<0.002		<0.002	<0.002	<0.002
2/4/2026		<0.002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.002
9/11/2004				<0.002
9/26/2004				0.0021
10/13/2004				<0.002
7/12/2005				<0.002
12/8/2005				<0.002
6/25/2006				<0.002
11/29/2006				<0.002
6/20/2007				<0.002
7/6/2007				<0.002
12/13/2007				<0.002
6/20/2008				<0.002
12/7/2008				<0.002
7/9/2009				<0.002
12/29/2009				<0.002
6/22/2010				<0.002
1/5/2011				<0.002
7/9/2011				<0.002
1/21/2012				<0.002
7/11/2012				<0.002
1/19/2013				<0.002
7/18/2013				<0.002
1/15/2014				<0.002
7/10/2014				<0.002
1/16/2015				<0.002
6/20/2015				<0.002
12/9/2015	<0.002	<0.002		
12/14/2015	<0.002	<0.002		
12/29/2015	<0.002	0.00082 (J)		
1/14/2016	<0.002	0.0064 (O)		<0.002
1/25/2016	<0.002	<0.002		
6/15/2016				<0.002
6/16/2016	0.00032 (J)	0.00042 (J)	0.0011 (J)	
1/12/2017		<0.002		
1/13/2017	<0.002			<0.002
1/17/2017			<0.002	
7/24/2017				<0.002
7/25/2017	<0.002	<0.002	<0.002	
1/11/2018		<0.002		
1/12/2018	<0.002		<0.002	<0.002
7/11/2018	<0.002	<0.002		
7/12/2018			<0.002	<0.002
1/29/2019	<0.002			
1/30/2019		<0.002	<0.002	0.002 (J)
3/27/2019	<0.002	<0.002	<0.002	<0.002
9/11/2019	0.0012 (J)	0.00066 (J)	0.00092 (J)	0.00092 (J)
4/1/2020	<0.002	<0.002	<0.002	<0.002
9/15/2020	<0.002	<0.002	<0.002	
9/16/2020				<0.002
3/16/2021	<0.002			
3/17/2021		<0.002	<0.002	<0.002
8/19/2021	<0.002	<0.002	0.0013 (J)	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
2/22/2022	<0.002			
2/23/2022		<0.002	<0.002	<0.002
8/3/2022	<0.002			<0.002
8/4/2022		<0.002	<0.002	
2/8/2023	<0.002	<0.002	<0.002	<0.002
8/2/2023	<0.002			<0.002
8/3/2023		<0.002	<0.002	
2/7/2024	<0.002	<0.002	<0.002	<0.002
8/14/2024	<0.002	<0.002	<0.002	<0.002
2/5/2025	<0.002	<0.002	<0.002	<0.002
8/5/2025	0.001 (J)	0.00086 (J)		
8/6/2025			<0.002	<0.002
2/3/2026	<0.002			
2/4/2026		0.0007 (J)	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
4/19/2016	0.03 (J)	0.022 (J)			
4/20/2016			0.028 (J)	0.032 (J)	0.018 (J)
6/14/2016	0.02 (J)	<0.2	<0.1	<0.1	<0.1
8/9/2016	<0.1	<0.2		<0.1	<0.1
8/11/2016			<0.1		
9/26/2016	<0.1				
9/27/2016		<0.2	<0.1	<0.1	<0.1
11/14/2016		<0.2	<0.1		
11/15/2016	<0.1			<0.1	<0.1
1/10/2017	<0.1	<0.2	<0.1		
1/11/2017				<0.1	
1/12/2017					<0.1
2/28/2017	0.11 (J)	0.1 (J)	0.1 (J)	0.11 (J)	0.097 (J)
4/19/2017	<0.1	<0.2			
4/20/2017			<0.1	<0.1	<0.1
10/10/2017	<0.1		<0.1		
10/11/2017		<0.2		<0.1	<0.1
1/10/2018	<0.1	<0.2	<0.1	<0.1	<0.1
7/11/2018	<0.1	<0.2	<0.1	<0.1	<0.1
1/29/2019	<0.1	<0.2	<0.1	<0.1	<0.1
3/26/2019			<0.1	0.028 (J)	<0.1
3/27/2019	<0.1	<0.2			
9/10/2019			0.044 (J)	0.037 (J)	0.034 (J)
9/11/2019	0.037 (J)	0.033 (J)			
3/31/2020			0.043 (J)	0.061 (J)	0.046 (J)
4/1/2020	<0.1	<0.2			
9/15/2020	0.029 (J)	<0.2		<0.1	<0.1
9/16/2020			<0.1		
3/16/2021	0.033 (J)	<0.2			<0.1
3/17/2021			<0.1	0.026 (J)	
8/17/2021	0.073 (J)	0.043 (J)			
8/18/2021					<0.1
8/19/2021			<0.1	0.035 (J)	
2/22/2022	<0.1	<0.2		<0.1	<0.1
2/23/2022			<0.1		
8/2/2022	<0.1	<0.2		<0.1	<0.1
8/3/2022			<0.1		
2/6/2023					<0.1
2/7/2023	0.048 (J)	<0.2	<0.1	<0.1	
8/1/2023	0.04 (J)		<0.1	<0.1	<0.1
8/2/2023		<0.2			
2/6/2024	0.083 (J)	0.046 (J)	0.042 (J)	0.04 (J)	0.041 (J)
8/13/2024		<0.2	<0.1	<0.1	<0.1
8/15/2024	<0.1				
2/3/2025			<0.1		
2/4/2025	<0.1	<0.2		<0.1	<0.1
8/5/2025	0.12 (J)		0.17 (J)	0.12 (J)	0.095 (J)
8/6/2025		<0.2			
2/2/2026		0.098 (J)	0.097 (J)	0.19 (J)	0.11 (J)
2/3/2026	0.12 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
4/19/2016					0.706
4/20/2016	0.021 (J)		0.022 (J)	0.147 (J)	
4/21/2016		0.019 (J)			
6/14/2016	<0.1				
6/15/2016		<0.1	<0.1	0.1 (J)	
6/16/2016					0.56
8/9/2016	<0.1	<0.1	<0.1	0.16 (J)	
8/11/2016					0.74
9/27/2016	<0.1	<0.1	<0.1	0.14 (J)	
9/28/2016					0.7
11/15/2016	<0.1	<0.1	<0.1	0.16 (J)	
11/16/2016					0.71
1/11/2017	<0.1	<0.1	<0.1	0.16 (J)	0.51
2/28/2017	0.1 (J)	0.1 (J)			
3/1/2017			0.1 (J)	0.22	0.61
4/20/2017	<0.1	<0.1	<0.1	0.12 (J)	
4/25/2017					0.65
10/11/2017	<0.1	<0.1	<0.1	0.11 (J)	
10/12/2017					0.6
12/13/2017					0.61
1/11/2018	<0.1	<0.1	<0.1	0.12 (J)	
1/12/2018					0.55
7/11/2018	<0.1	<0.1	<0.1	0.13 (J)	0.59
1/29/2019	<0.1	<0.1	<0.1	0.13 (J)	
1/30/2019					0.65
3/26/2019	<0.1	<0.1	<0.1		
3/27/2019				0.1 (J)	0.49
9/10/2019	0.032 (J)		0.035 (J)		
9/11/2019		0.032 (J)		0.099 (J)	0.47
4/1/2020	0.048 (J)	0.05 (J)	<0.1	0.15	0.59
9/15/2020	<0.1	<0.1	<0.1	0.099 (J)	0.49
3/16/2021	<0.1		<0.1	0.13	
3/17/2021		<0.1			0.54
8/17/2021	0.045 (J)		0.072 (J)		
8/19/2021		0.035 (J)		0.15	0.62
2/22/2022	<0.1	<0.1	<0.1	0.062 (J)	
2/23/2022					0.66
8/2/2022	<0.1	<0.1	<0.1	0.12	0.54
2/7/2023	<0.1	<0.1	<0.1		0.53
2/8/2023				0.13	
8/1/2023		<0.1	<0.1		
8/2/2023	<0.1			0.17	0.54
2/6/2024	<0.1	<0.1	<0.1	0.15	
2/7/2024					0.53
8/13/2024	<0.1	<0.1	<0.1	0.063 (J)	
8/14/2024					0.43
2/4/2025	<0.1	<0.1	<0.1	<0.1	
2/5/2025					0.38
8/4/2025	0.17 (J)				
8/5/2025		0.095 (J)	0.16 (J)	0.18 (J)	
8/6/2025					0.55
2/2/2026	0.099 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
2/3/2026		0.19 (J)	0.18 (J)	0.33	0.58

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/19/2016					0.122 (J)
4/20/2016	0.04 (J)		0.383	0.026 (J)	
4/21/2016		0.217 (J)			
6/15/2016	<0.2		0.28 (J)	<0.2	
6/16/2016		0.13 (J)			0.08 (J)
8/10/2016	<0.2	0.21	0.42	<0.2	0.14 (J)
9/27/2016	<0.2	0.17 (J)	0.39	<0.2	
9/28/2016					0.11 (J)
11/15/2016	<0.2	0.22	0.43	<0.2	0.13 (J)
1/12/2017	<0.2	0.12 (J)	0.41	<0.2	
1/16/2017					0.11 (J)
3/1/2017	0.11 (J)	0.25	0.39	0.11 (J)	0.18 (J)
4/20/2017	<0.2			<0.2	
4/24/2017		0.18 (J)	0.37		
4/25/2017					0.087 (J)
10/11/2017	<0.2		0.39		
10/12/2017		0.18 (J)		<0.2	0.087 (J)
12/13/2017			0.48		
1/11/2018	<0.2	0.15 (J)	0.31	<0.2	
1/12/2018					0.083 (J)
7/11/2018					0.091 (J)
7/12/2018	<0.2	0.13 (J)	0.25	<0.2	
1/29/2019					0.074 (J)
1/30/2019	0.04 (J)	0.23	0.35	<0.2	
3/27/2019	0.029 (J)	0.12 (J)	0.24	<0.2	0.072 (J)
9/11/2019	0.036 (J)	0.1	0.26	0.036 (J)	0.08 (J)
4/1/2020	<0.2	0.26		<0.2	0.11
4/2/2020			0.26		
9/15/2020	<0.2	0.11	0.21		
9/16/2020				<0.2	0.076 (J)
3/16/2021	<0.2	0.18		<0.2	0.092 (J)
3/17/2021			0.28		
8/18/2021	<0.2	0.081 (J)	0.35	<0.2	
8/19/2021					0.11
2/23/2022	<0.2	0.13	0.36	0.043 (J)	0.11
8/2/2022			0.28		
8/3/2022	<0.2	0.098 (J)		<0.2	0.096 (J)
2/7/2023	<0.2			<0.2	
2/8/2023		0.1	0.31		0.1
8/2/2023	<0.2	0.13	0.3	<0.2	0.13
2/7/2024	0.042 (J)	0.13	0.31		0.11
2/8/2024				<0.2	
8/14/2024	<0.2	<0.1	0.18	<0.2	<0.1
2/4/2025		<0.1			<0.1
2/5/2025	<0.2		<0.1	<0.2	
8/5/2025					0.22
8/6/2025	<0.2	0.12 (J)	0.34	<0.2	
2/3/2026	0.11 (J)		0.31	0.11 (J)	0.17 (J)
2/4/2026		0.19 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
4/19/2016				0.02 (J)
4/21/2016	0.06 (J)	0.022 (J)		
6/15/2016				<0.1
6/16/2016	<0.1	<0.1	0.04 (J)	
8/10/2016	<0.1	<0.1	<0.1	<0.1
9/27/2016	<0.1	<0.1		<0.1
9/28/2016			0.097 (J)	
11/15/2016	<0.1	<0.1		<0.1
11/16/2016			0.092 (J)	
1/12/2017		<0.1		
1/13/2017	0.083 (J)			<0.1
1/17/2017			<0.1	
3/1/2017	0.12 (J)	0.1 (J)		0.1 (J)
3/2/2017			0.12 (J)	
4/24/2017		<0.1		<0.1
4/25/2017	<0.1		<0.1	
7/13/2017			<0.1	
10/12/2017	<0.1	<0.1	<0.1	<0.1
1/11/2018		<0.1		
1/12/2018	<0.1		<0.1	<0.1
7/11/2018	<0.1	<0.1		
7/12/2018			<0.1	<0.1
1/29/2019	0.031 (J)			
1/30/2019		<0.1	<0.1	<0.1
3/27/2019	0.034 (J)	<0.1	0.027 (J)	<0.1
9/11/2019	0.045 (J)	0.032 (J)	0.041 (J)	0.034 (J)
4/1/2020	0.082 (J)	0.04 (J)	0.05 (J)	0.051 (J)
9/15/2020	0.032 (J)	<0.1	0.028 (J)	
9/16/2020				<0.1
3/16/2021	0.04 (J)			
3/17/2021		<0.1	<0.1	0.035 (J)
8/19/2021	0.044 (J)	<0.1	<0.1	0.064 (J)
2/22/2022	0.033 (J)			
2/23/2022		0.037 (J)	0.03 (J)	0.049 (J)
8/3/2022	0.052 (J)			0.059 (J)
8/4/2022		<0.1	<0.1	
2/8/2023	0.052 (J)	<0.1	<0.1	0.061 (J)
8/2/2023	0.05 (J)			0.086 (J)
8/3/2023		<0.1	0.063 (J)	
2/7/2024	0.056 (J)	<0.1	<0.1	0.073 (J)
8/14/2024	<0.1	<0.1	<0.1	<0.1
2/5/2025	<0.1	<0.1	<0.1	<0.1
8/5/2025	0.11 (J)	0.19 (J)		
8/6/2025			0.14 (J)	0.15 (J)
2/3/2026	0.11 (J)			
2/4/2026		0.097 (J)	0.12 (J)	0.14 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004	<0.001	<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001			
7/12/2005			<0.001	<0.001	
12/7/2005	<0.001	<0.001			
12/8/2005			<0.001	<0.001	
6/23/2006	<0.001	<0.001			
6/24/2006			<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
6/19/2007	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001		<0.001	
12/13/2007	<0.001	<0.001	<0.001		
12/14/2007				<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001	<0.001	<0.001	<0.001	
12/28/2009	<0.001	<0.001			
12/29/2009				<0.001	
12/30/2009			<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	<0.001
1/4/2011	<0.001		<0.001	<0.001	
1/5/2011		0.014			
7/9/2011	<0.001	<0.001		<0.001	
7/10/2011			<0.001		
1/20/2012		<0.001			<0.001
1/21/2012	<0.001		<0.001	<0.001	
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013		<0.001		<0.001	
1/20/2013	<0.001		<0.001		
7/18/2013		<0.001		<0.001	
7/19/2013	<0.001		<0.001		
1/15/2014	<0.001	<0.001		<0.001	
1/16/2014			<0.001		
7/10/2014			<0.001	<0.001	
7/11/2014	<0.001	<0.001			
1/15/2015		<0.001		<0.001	
1/16/2015	<0.001		<0.001		
6/19/2015		<0.001		<0.001	
6/20/2015	<0.001		<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/29/2015					<0.001
1/13/2016					<0.001
1/14/2016			<0.001	<0.001	
1/16/2016	<0.001	<0.001			
1/25/2016					<0.001
4/19/2016	<0.001	<0.001			
4/20/2016			<0.001	<0.001	<0.001
6/14/2016	<0.001	<0.001	<0.001	0.00019 (J)	<0.001
8/9/2016	<0.001	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			<0.001		
9/26/2016	<0.001				
9/27/2016		<0.001	<0.001	<0.001	<0.001
11/14/2016		<0.001	<0.001		
11/15/2016	<0.001			<0.001	<0.001
1/10/2017	<0.001	<0.001	<0.001		
1/11/2017				<0.001	
1/12/2017					<0.001
2/28/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/19/2017	<0.001	<0.001			
4/20/2017			<0.001	0.00041 (J)	<0.001
7/17/2017	<0.001				
7/18/2017		<0.001	<0.001	<0.001	<0.001
1/10/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	0.00024 (J)	9.8E-05 (J)	0.00026 (J)	0.00011 (J)	0.00043 (J)
3/26/2019			<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001			
9/10/2019			0.00051 (J)	0.00074 (J)	0.00058 (J)
9/11/2019	<0.001	<0.001			
3/31/2020			0.00024 (J)	<0.001	<0.001
4/1/2020	<0.001	<0.001			
9/15/2020	<0.001	<0.001		<0.001	<0.001
9/16/2020			<0.001		
3/16/2021	<0.001	<0.001			<0.001
3/17/2021			<0.001	<0.001	
8/17/2021	0.00081 (J)	<0.001			
8/18/2021					<0.001
8/19/2021			<0.001	<0.001	
2/22/2022	0.0054	<0.001		<0.001	<0.001
2/23/2022			0.00019 (J)		
8/2/2022	0.00043 (J)	0.015		<0.001	<0.001
8/3/2022			0.0037		
2/6/2023					<0.001
2/7/2023	0.0015	<0.001	<0.001	<0.001	
8/1/2023	0.00088 (J)		<0.001	<0.001	<0.001
8/2/2023		<0.001			
2/6/2024	0.0022	<0.001	<0.001	<0.001	<0.001
8/13/2024		<0.001	<0.001	<0.001	<0.001
8/15/2024	0.0007 (J)				
2/3/2025			<0.001		
2/4/2025	0.00083 (J)	<0.001		<0.001	<0.001
8/5/2025	<0.001		<0.001	<0.001	<0.001
8/6/2025		<0.001			
2/2/2026		<0.001	<0.001	<0.001	<0.001
2/3/2026	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.001	
1/21/2012					<0.001
7/12/2012	<0.001				
12/7/2015	<0.001	<0.001	<0.001		
12/8/2015				<0.001	<0.001
12/14/2015			<0.001	<0.001	<0.001
12/15/2015	<0.001	<0.001			
12/28/2015		<0.001	<0.001	<0.001	<0.001
12/29/2015	<0.001				
1/13/2016	<0.001	<0.001	<0.001	<0.001	
1/14/2016					<0.001
1/25/2016	<0.001	<0.001	<0.001		
1/26/2016				<0.001	<0.001
4/19/2016					<0.001
4/20/2016	<0.001		<0.001	<0.001	
4/21/2016		<0.001			
6/14/2016	<0.001				
6/15/2016		<0.001	<0.001	<0.001	
6/16/2016					0.00015 (J)
8/9/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					<0.001
9/27/2016	<0.001	<0.001	<0.001	<0.001	
9/28/2016					<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	
11/16/2016					<0.001
1/11/2017	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2017	<0.001	<0.001			
3/1/2017			<0.001	<0.001	<0.001
4/20/2017	<0.001	<0.001	<0.001	<0.001	
4/25/2017					<0.001
7/19/2017	<0.001	<0.001	<0.001	<0.001	
7/25/2017					<0.001
1/11/2018	<0.001	<0.001	<0.001	<0.001	
1/12/2018					<0.001
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	0.00011 (J)	0.00014 (J)	0.00018 (J)	0.00016 (J)	
1/30/2019					0.00067 (J)
3/26/2019	<0.001	<0.001	<0.001		
3/27/2019				<0.001	<0.001
9/10/2019	0.00013 (J)		0.00013 (J)		
9/11/2019		<0.001		<0.001	0.00017 (J)
4/1/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	0.00024 (J)	<0.001	<0.001
3/16/2021	<0.001		<0.001	<0.001	
3/17/2021		<0.001			0.00015 (J)
8/17/2021	0.00021 (J)		<0.001		
8/19/2021		<0.001		<0.001	0.00037 (J)
2/22/2022	<0.001	<0.001	<0.001	<0.001	
2/23/2022					0.00026 (J)
8/2/2022	<0.001	<0.001	<0.001	<0.001	0.00029 (J)
2/7/2023	<0.001	<0.001	<0.001		0.00035 (J)
2/8/2023				<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/1/2023		<0.001	<0.001		
8/2/2023	<0.001			<0.001	<0.001
2/6/2024	<0.001	<0.001	0.00024 (J)	<0.001	
2/7/2024					<0.001
8/13/2024	<0.001	<0.001	<0.001	<0.001	
8/14/2024					<0.001
2/4/2025	<0.001	<0.001	<0.001	<0.001	
2/5/2025					<0.001
8/4/2025	<0.001				
8/5/2025		<0.001	<0.001	<0.001	
8/6/2025					<0.001
2/2/2026	<0.001				
2/3/2026		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004		<0.001	<0.001	<0.001	
7/11/2005	<0.001			<0.001	
7/12/2005		<0.001	<0.001		
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/24/2006	<0.001	<0.001		<0.001	
6/25/2006			<0.001		
11/28/2006			<0.001	<0.001	
11/29/2006	<0.001	<0.001			
6/20/2007	<0.001	<0.001		<0.001	
6/21/2007			<0.001		
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001		<0.001	
12/14/2007			<0.001		
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001		<0.001	<0.001	
7/10/2011		<0.001			
1/19/2012		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
7/20/2013		<0.001			
1/15/2014	<0.001		<0.001	<0.001	
1/16/2014		<0.001			
7/10/2014		<0.001			
7/11/2014	<0.001		<0.001	<0.001	
1/15/2015				<0.001	
1/16/2015	<0.001	<0.001	<0.001		
6/19/2015				<0.001	
6/20/2015	<0.001	<0.001	<0.001		
12/8/2015					<0.001
12/15/2015					<0.001
12/28/2015					<0.001
1/14/2016			<0.001		<0.001
1/16/2016	<0.001	<0.001		<0.001	
1/26/2016					<0.001
4/19/2016					<0.001
4/20/2016	<0.001		<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/21/2016		<0.001			
6/15/2016	<0.001		0.0002 (J)	<0.001	
6/16/2016		<0.001			<0.001
8/10/2016	<0.001	<0.001	<0.001	<0.001	<0.001
9/27/2016	<0.001	<0.001	<0.001	<0.001	
9/28/2016					<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	<0.001
1/12/2017	<0.001	<0.001	<0.001	<0.001	
1/16/2017					<0.001
3/1/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/20/2017	<0.001			<0.001	
4/24/2017		<0.001	0.00037 (J)		
4/25/2017					<0.001
7/19/2017	<0.001				
7/20/2017				<0.001	
7/24/2017		<0.001	<0.001		
7/25/2017					<0.001
1/11/2018	<0.001	<0.001	<0.001	<0.001	
1/12/2018					<0.001
7/11/2018					<0.001
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					0.00011 (J)
1/30/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2020	<0.001	<0.001		<0.001	<0.001
4/2/2020			0.00025 (J)		
9/15/2020	<0.001	<0.001	<0.001		
9/16/2020				<0.001	<0.001
3/16/2021	<0.001	<0.001		<0.001	<0.001
3/17/2021			0.00031 (J)		
8/18/2021	<0.001	<0.001	<0.001	<0.001	
8/19/2021					<0.001
2/23/2022	<0.001	<0.001	0.00017 (J)	<0.001	<0.001
8/2/2022			<0.001		
8/3/2022	<0.001	<0.001		<0.001	<0.001
2/7/2023	<0.001			<0.001	
2/8/2023		<0.001	<0.001		<0.001
8/2/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2024	<0.001	<0.001	<0.001		<0.001
2/8/2024				<0.001	
8/14/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/4/2025		<0.001			<0.001
2/5/2025	<0.001		<0.001	<0.001	
8/5/2025					<0.001
8/6/2025	<0.001	<0.001	<0.001	<0.001	
2/3/2026	<0.001		<0.001	<0.001	<0.001
2/4/2026		<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				0.0056 (O)
9/11/2004				<0.001
9/26/2004				<0.001
10/13/2004				<0.001
7/12/2005				<0.001
12/8/2005				<0.001
6/25/2006				<0.001
11/29/2006				<0.001
6/20/2007				<0.001
7/6/2007				<0.001
12/13/2007				<0.001
6/20/2008				<0.001
12/7/2008				<0.001
7/9/2009				<0.001
12/29/2009				<0.001
6/22/2010				<0.001
1/5/2011				<0.001
7/9/2011				<0.001
1/21/2012				<0.001
7/11/2012				<0.001
1/19/2013				<0.001
7/18/2013				<0.001
1/15/2014				<0.001
7/10/2014				<0.001
1/16/2015				<0.001
6/20/2015				<0.001
12/9/2015	<0.001	<0.001		
12/14/2015	<0.001	<0.001		
12/29/2015	<0.001	<0.001		
1/14/2016	<0.001	<0.001		<0.001
1/25/2016	<0.001	<0.001		
4/19/2016				<0.001
4/21/2016	<0.001	<0.001		
6/15/2016				<0.001
6/16/2016	<0.001	<0.001	<0.001	
8/10/2016	<0.001	<0.001	<0.001	<0.001
9/27/2016	<0.001	0.00079 (J)		<0.001
9/28/2016			<0.001	
11/15/2016	<0.001	<0.001		<0.001
11/16/2016			<0.001	
1/12/2017		<0.001		
1/13/2017	<0.001			<0.001
1/17/2017			<0.001	
3/1/2017	<0.001	<0.001		<0.001
3/2/2017			<0.001	
4/24/2017		<0.001		<0.001
4/25/2017	<0.001		<0.001	
7/13/2017			<0.001	
7/24/2017				<0.001
7/25/2017	<0.001	<0.001	<0.001	
1/11/2018		<0.001		
1/12/2018	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	<0.001	<0.001		
7/12/2018			<0.001	<0.001
1/29/2019	0.00012 (J)			
1/30/2019		<0.001	0.00013 (J)	<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001
9/11/2019	0.00024 (J)	0.00021 (J)	0.00018 (J)	<0.001
4/1/2020	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	<0.001	
9/16/2020				<0.001
3/16/2021	<0.001			
3/17/2021		<0.001	<0.001	<0.001
8/19/2021	<0.001	<0.001	<0.001	<0.001
2/22/2022	<0.001			
2/23/2022		<0.001	<0.001	<0.001
8/3/2022	<0.001			<0.001
8/4/2022		<0.001	0.00034 (J)	
2/8/2023	<0.001	<0.001	<0.001	<0.001
8/2/2023	<0.001			<0.001
8/3/2023		<0.001	<0.001	
2/7/2024	<0.001	<0.001	<0.001	<0.001
8/14/2024	<0.001	<0.001	<0.001	<0.001
2/5/2025	<0.001	<0.001	<0.001	<0.001
8/5/2025	<0.001	<0.001		
8/6/2025			<0.001	<0.001
2/3/2026	<0.001			
2/4/2026		<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.0025	<0.005	<0.005	<0.001	
9/11/2004	<0.0025	0.03 (O)	<0.005	<0.001	
9/26/2004	<0.0025	<0.005	<0.005	<0.001	
10/13/2004	<0.0025	<0.005	<0.005	<0.001	
7/11/2005	<0.0025	<0.005			
7/12/2005			<0.005	<0.001	
12/7/2005	<0.0025	<0.005			
12/8/2005			<0.005	<0.001	
6/23/2006	<0.0025	<0.005			
6/24/2006			<0.005	<0.001	
11/28/2006	<0.0025	<0.005	<0.005	<0.001	
6/19/2007	<0.0025	<0.005	<0.005	<0.001	
7/6/2007	<0.0025	<0.005		<0.001	
12/13/2007	<0.0025	<0.005	<0.005		
12/14/2007				<0.001	
6/20/2008	<0.0025	<0.005	<0.005	<0.001	
12/7/2008	<0.0025	<0.005	<0.005	<0.001	
7/9/2009	0.0043	<0.005	<0.005	<0.001	
12/28/2009	<0.0025	<0.005			
12/29/2009				0.003	
12/30/2009			0.0048		
6/22/2010	<0.0025	<0.005	<0.005	<0.001	<0.005
1/4/2011	<0.0025		<0.005	<0.001	
1/5/2011		0.025 (O)			
7/9/2011	<0.0025	<0.005		<0.001	
7/10/2011			<0.005		
1/20/2012		<0.005			
1/21/2012	<0.0025		0.0026	<0.001	
7/11/2012	<0.0025	<0.005	0.0072	0.0031	
1/19/2013		<0.005		<0.001	
1/20/2013	<0.0025		0.0025		
7/18/2013		<0.005		<0.001	
7/19/2013	<0.0025		<0.005		
1/15/2014	0.0016 (J)	<0.005		<0.001	
1/16/2014			0.0031		
7/10/2014			<0.005	<0.001	
7/11/2014	<0.0025	<0.005			
1/15/2015		<0.005		<0.001	
1/16/2015	<0.0025		0.0024 (J)		
6/19/2015		<0.005		<0.001	
6/20/2015	<0.0025		<0.005		
12/7/2015					<0.005
12/15/2015					<0.005
12/29/2015					<0.005
1/13/2016					<0.005
1/14/2016			<0.005	<0.001	
1/16/2016	<0.0025	<0.005			
1/25/2016					<0.005
6/14/2016	0.0006 (J)	<0.005	0.0013 (J)	0.00054 (J)	<0.005
1/10/2017	<0.0025	<0.005	<0.005		
1/11/2017				<0.001	
1/12/2017					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
7/17/2017	<0.0025				
7/18/2017		<0.005	<0.005	<0.001	<0.005
1/10/2018	0.0026	<0.005	<0.005	<0.001	<0.005
7/11/2018	<0.0025	<0.005	0.003	<0.001	<0.005
1/29/2019	0.00063 (J)	0.00034 (J)	0.0021 (J)	<0.001	0.00033 (J)
3/26/2019			0.0021 (J)	<0.001	<0.005
3/27/2019	<0.0025	<0.005			
9/10/2019			0.002	0.00043 (J)	0.0004 (J)
9/11/2019	0.00091 (J)	0.00045 (J)			
3/31/2020			0.0028	<0.001	<0.005
4/1/2020	0.00077 (J)	<0.005			
9/15/2020	0.00094 (J)	0.00038 (J)		0.00056 (J)	0.00037 (J)
9/16/2020			0.00096 (J)		
3/16/2021	0.00072 (J)	<0.005			<0.005
3/17/2021			0.00083 (J)	0.00041 (J)	
8/17/2021	0.00097 (J)	0.00047 (J)			
8/18/2021					<0.005
8/19/2021			0.00065 (J)	0.00043 (J)	
2/22/2022	0.00092 (J)	<0.005		<0.001	<0.005
2/23/2022			<0.005		
8/2/2022	0.00086 (J)	0.00054 (J)		<0.001	<0.005
8/3/2022			0.00078 (J)		
2/6/2023					<0.005
2/7/2023	0.00083 (J)	<0.005	<0.005	0.00046 (J)	
8/1/2023	0.001		0.00065 (J)	<0.001	0.00043 (J)
8/2/2023		0.00046 (J)			
2/6/2024	0.0011	<0.005	<0.005	<0.001	0.00084 (J)
8/13/2024		<0.005	0.00076 (J)	0.0022	0.00046 (J)
8/15/2024	0.001				
2/3/2025			0.00044 (J)		
2/4/2025	0.0011	<0.005		0.00065 (J)	<0.005
8/5/2025	0.00081 (J)		<0.005	0.00075 (J)	<0.005
8/6/2025		<0.005			
2/2/2026		<0.005	0.00058 (J)	0.00057 (J)	0.00045 (J)
2/3/2026	0.0013 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.0025	
1/21/2012					<0.001
12/7/2015	<0.005	<0.005	<0.001		
12/8/2015				0.0036	<0.001
12/14/2015			<0.001	0.0035	0.0019 (J)
12/15/2015	<0.005	<0.005			
12/28/2015		<0.005	<0.001	0.0032	0.0018 (J)
12/29/2015	<0.005				
1/13/2016	<0.005	<0.005	<0.001	0.0029	
1/14/2016					0.0017 (J)
1/25/2016	<0.005	<0.005	<0.001		
1/26/2016				0.0027	0.0019 (J)
6/14/2016	0.00052 (J)				
6/15/2016		<0.005	<0.001	0.0018 (J)	
6/16/2016					0.0014 (J)
1/11/2017	<0.005	<0.005	<0.001	0.002 (J)	<0.001
7/19/2017	<0.005	<0.005	<0.001	0.002 (J)	
7/25/2017					<0.001
1/11/2018	<0.005	<0.005	<0.001	0.0019 (J)	
1/12/2018					<0.001
7/11/2018	<0.005	<0.005	<0.001	<0.0025	<0.001
1/29/2019	0.0004 (J)	0.00046 (J)	0.0004 (J)	0.0016 (J)	
1/30/2019					0.0019 (J)
3/26/2019	<0.005	<0.005	<0.001		
3/27/2019				0.0018 (J)	<0.001
9/10/2019	0.00056 (J)		0.00036 (J)		
9/11/2019		0.00042 (J)		0.0018	0.0012
4/1/2020	0.00043 (J)	<0.005	<0.001	0.0016	0.00095
9/15/2020	0.00075 (J)	0.00047 (J)	0.00045 (J)	0.0016	0.00092 (J)
3/16/2021	0.00045 (J)		0.00043 (J)	0.0015	
3/17/2021		0.00047 (J)			0.0011
8/17/2021	0.00061 (J)		0.00052 (J)		
8/19/2021		<0.005		0.0017	0.0011
2/22/2022	<0.005	0.00061 (J)	<0.001	0.0017	
2/23/2022					0.001
8/2/2022	<0.005	<0.005	<0.001	0.0019	0.00086 (J)
2/7/2023	0.00061 (J)	<0.005	0.00054 (J)		0.0011
2/8/2023				0.0017	
8/1/2023		<0.005	0.00044 (J)		
8/2/2023	0.00057 (J)			0.0018	0.00075 (J)
2/6/2024	<0.005	<0.005	<0.001	0.0015	
2/7/2024					<0.001
8/13/2024	0.00061 (J)	0.00056 (J)	0.00058 (J)	0.002	
8/14/2024					0.00073 (J)
2/4/2025	0.00052 (J)	0.0005 (J)	0.00052 (J)	0.0019	
2/5/2025					0.0008 (J)
8/4/2025	<0.005				
8/5/2025		<0.005	0.00042 (J)	0.0019 (J)	
8/6/2025					0.00084 (J)
2/2/2026	0.00065 (J)				
2/3/2026		0.00046 (J)	0.00061 (J)	0.002 (J)	0.00071 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.0025	<0.005	<0.005	<0.0025	
9/11/2004	<0.0025	<0.005	<0.005	<0.0025	
9/26/2004	<0.0025	<0.005	<0.005	<0.0025	
10/13/2004		<0.005	<0.005	<0.0025	
7/11/2005	<0.0025			<0.0025	
7/12/2005		<0.005	<0.005		
12/7/2005	<0.0025	<0.005	<0.005	<0.0025	
6/24/2006	<0.0025	<0.005		<0.0025	
6/25/2006			<0.005		
11/28/2006			<0.005	<0.0025	
11/29/2006	<0.0025	<0.005			
6/20/2007	<0.0025	<0.005		<0.0025	
6/21/2007			<0.005		
7/6/2007	<0.0025	<0.005	<0.005	<0.0025	
12/13/2007	<0.0025	<0.005		<0.0025	
12/14/2007			<0.005		
6/20/2008	<0.0025	<0.005	<0.005	<0.0025	
12/7/2008	<0.0025	<0.005	<0.005	<0.0025	
7/9/2009	<0.0025				
7/10/2009		<0.005	<0.005	<0.0025	
12/28/2009	<0.0025			<0.0025	
12/29/2009		<0.005	<0.005		
6/22/2010	<0.0025	<0.005	<0.005	<0.0025	
1/4/2011	<0.0025	<0.005		<0.0025	
1/5/2011			<0.005		
7/9/2011	<0.0025		<0.005	<0.0025	
7/10/2011		<0.005			
1/20/2012				<0.0025	
1/21/2012	<0.0025	<0.005	<0.005		
7/11/2012	<0.0025	<0.005	0.0049	0.0057	
1/19/2013			<0.005	<0.0025	
1/20/2013	<0.0025	<0.005			
7/18/2013				<0.0025	
7/19/2013	<0.0025	<0.005	<0.005		
1/15/2014	0.0013 (J)		0.0025	0.0043	
1/16/2014		<0.005			
7/10/2014		<0.005			
7/11/2014	0.0013 (J)		0.0029	0.0026	
1/15/2015				<0.0025	
1/16/2015	<0.0025	<0.005	0.0014 (J)		
6/19/2015				<0.0025	
6/20/2015	0.0016 (J)	0.0013 (J)	<0.005		
12/8/2015					0.0022 (J)
12/15/2015					0.0019 (J)
12/28/2015					0.0017 (J)
1/14/2016			<0.005		0.0029
1/16/2016	<0.0025	<0.005		<0.0025	
1/26/2016					0.0014 (J)
6/15/2016	0.00088 (J)		0.00085 (J)	0.00068 (J)	
6/16/2016		<0.005			0.0013 (J)
1/12/2017	<0.0025	<0.005	<0.005	<0.0025	
1/16/2017					0.0018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
7/19/2017	<0.0025				
7/20/2017				<0.0025	
7/24/2017		<0.005	<0.005		
7/25/2017					0.002 (J)
1/11/2018	<0.0025	<0.005	<0.005	<0.0025	
1/12/2018					0.002 (J)
7/11/2018					0.0018 (J)
7/12/2018	<0.0025	<0.005	<0.005	<0.0025	
1/29/2019					0.0017 (J)
1/30/2019	0.0013 (J)	<0.005	0.00033 (J)	0.0011 (J)	
3/27/2019	<0.0025	<0.005	<0.005	<0.0025	<0.0025
9/11/2019	0.0013	<0.005	0.00042 (J)	0.001	0.0018
4/1/2020	0.00099 (J)	<0.005		0.0008 (J)	0.0014
4/2/2020			0.0009 (J)		
9/15/2020	0.0012	0.0013	0.00063 (J)		
9/16/2020				0.00088 (J)	0.0012
3/16/2021	0.0012	0.00043 (J)		0.00093 (J)	0.0012
3/17/2021			0.00077 (J)		
8/18/2021	0.0014	<0.005	0.00034 (J)	0.00097 (J)	
8/19/2021					0.0012
2/23/2022	0.0012	<0.005	<0.005	0.0011	0.0011
8/2/2022			<0.005		
8/3/2022	0.0013	<0.005		0.0064	0.0051
2/7/2023	0.0012			0.00082 (J)	
2/8/2023		<0.005	<0.005		0.0012
8/2/2023	0.0014	0.0011	<0.005	0.00091 (J)	0.0012
2/7/2024	0.0016	<0.005	<0.005		0.0008 (J)
2/8/2024				0.0014	
8/14/2024	0.0013	<0.005	<0.005	0.00095 (J)	0.0012
2/4/2025		<0.005			0.001
2/5/2025	0.00098 (J)		0.00043 (J)	0.00087 (J)	
8/5/2025					0.00097 (J)
8/6/2025	0.00099 (J)	<0.005	<0.005	0.00084 (J)	
2/3/2026	0.0013 (J)		0.00063 (J)	0.0013 (J)	0.0011 (J)
2/4/2026		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.001
9/11/2004				<0.001
9/26/2004				<0.001
10/13/2004				<0.001
7/12/2005				<0.001
12/8/2005				<0.001
6/25/2006				<0.001
11/29/2006				<0.001
6/20/2007				<0.001
7/6/2007				<0.001
12/13/2007				<0.001
6/20/2008				0.003
12/7/2008				<0.001
7/9/2009				<0.001
12/29/2009				<0.001
6/22/2010				<0.001
1/5/2011				<0.001
7/9/2011				<0.001
1/21/2012				<0.001
7/11/2012				0.0033
1/19/2013				0.0026
7/18/2013				<0.001
1/15/2014				<0.001
7/10/2014				<0.001
1/16/2015				<0.001
6/20/2015				<0.001
12/9/2015	0.0042	<0.001		
12/14/2015	0.0067	<0.001		
12/29/2015	0.0067	<0.001		
1/14/2016	0.0039	<0.001		<0.001
1/25/2016	0.0049	<0.001		
6/15/2016				<0.001
6/16/2016	0.003 (J)	0.0012 (J)	0.0009 (J)	
1/12/2017		<0.001		
1/13/2017	<0.001			<0.001
1/17/2017			<0.0025	
7/24/2017				<0.001
7/25/2017	<0.001	<0.001	0.002 (J)	
1/11/2018		<0.001		
1/12/2018	<0.001		0.0023 (J)	<0.001
7/11/2018	<0.001	<0.001		
7/12/2018			0.0026	<0.001
1/29/2019	0.00093 (J)			
1/30/2019		0.00071 (J)	0.0019 (J)	0.00063 (J)
3/27/2019	<0.001	<0.001	0.0018 (J)	<0.001
9/11/2019	0.0014	0.00097 (J)	0.0023	0.00065 (J)
4/1/2020	0.001	0.00067 (J)	0.0013	<0.001
9/15/2020	0.0011	0.0007 (J)	0.0013	
9/16/2020				0.00075 (J)
3/16/2021	0.00093 (J)			
3/17/2021		0.00068 (J)	0.0014	0.0006 (J)
8/19/2021	0.00092 (J)	0.00067 (J)	0.0013	0.00038 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
2/22/2022	0.00092 (J)			
2/23/2022		0.00071 (J)	0.0013	0.00076 (J)
8/3/2022	0.001			0.0015
8/4/2022		0.00065 (J)	0.0016	
2/8/2023	0.00083 (J)	0.00064 (J)	0.0013	0.00084 (J)
8/2/2023	0.0018			0.00077 (J)
8/3/2023		0.00074 (J)	0.0013	
2/7/2024	<0.001	<0.001	0.00065 (J)	<0.001
8/14/2024	0.00091 (J)	0.00065 (J)	0.0013	0.00089 (J)
2/5/2025	0.00081 (J)	0.00065 (J)	0.0011	0.00078 (J)
8/5/2025	0.0018 (J)	0.00049 (J)		
8/6/2025			0.0012 (J)	0.00059 (J)
2/3/2026	0.001 (J)			
2/4/2026		0.00074 (J)	0.001 (J)	0.00069 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
6/19/2015		5.23		5.95	
6/20/2015	4.69		4.92		
12/15/2015					5.13
4/19/2016	4.99	4.92			
4/20/2016			4.9	5.85	5.16
6/14/2016	4.98	4.89	4.9	5.53	5.35
8/9/2016	4.72	4.92		5.44	4.89
8/11/2016			5.37		
9/26/2016	4.74				
9/27/2016		5.25	5.89	5.59	5.02
11/14/2016		4.96	5.94		
11/15/2016	4.8			5.58	5.04
1/10/2017	4.59	4.21	5.44		
1/11/2017				5.56	
1/12/2017					5.19
2/28/2017	4.91	4.95	5.49	5.53	4.86
4/19/2017	4.98	5.12			
4/20/2017			5.51	5.63	5.01
7/17/2017	4.61				
7/18/2017		4.89	5.26	5.51	4.88
10/10/2017	4.93		5.28		
10/11/2017		4.96			4.93
1/10/2018	4.78	4.93	5.05	5.59	4.9
7/11/2018	4.75	4.87	4.53	5.49	4.99
1/29/2019	4.91	4.98	4.66	5.39	4.82
3/26/2019			4.72	5.45	5.07
3/27/2019	4.69	4.8			
9/10/2019			4.72	5.71	5
9/11/2019	4.77	5.03			
3/31/2020			5.06	5.45	5.1
4/1/2020	4.77	4.92			
9/15/2020	4.52	4.72		5.27	5.07
9/16/2020			4.87		
3/16/2021	4.76	4.91			4.47
3/17/2021			4.9	4.8	
8/17/2021	4.62	4.82			
8/18/2021					4.93
8/19/2021			4.86	5.23	
2/22/2022	4.69	4.9		5.34	4.91
2/23/2022			4.8		
8/2/2022	4.57	4.75		5.23	4.86
8/3/2022			4.79		
2/6/2023					4.75
2/7/2023	4.73	4.91	4.84	5.17	
8/1/2023	4.37		4.53	4.89	4.53
8/2/2023		4.71			
2/6/2024	4.68	5.02	4.83	5.33	4.84
8/13/2024		5	5.05	5.07	4.55
8/15/2024	4.62				
2/3/2025			4.97		
2/4/2025	4.81	5.07		5.15	4.87
8/5/2025	4.47		4.91	4.94	4.73

Time Series

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/6/2025		4.25			
2/2/2026		5.05	5	5.17	4.73
2/3/2026	4.7				

Time Series

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
12/14/2015			5.26	5.19	7.1
12/15/2015	5.24	5.2			
4/19/2016					6.87
4/20/2016	5.41		5.16	5.26	
4/21/2016		5.18			
6/14/2016	5.74				
6/15/2016		5.47	5.04	5.12	
6/16/2016					6.84
8/9/2016	5.41	5.01	5.07	5.09	
8/11/2016					6.42
9/27/2016	5.42	5.22	5.11	5.32	
9/28/2016					6.57
11/15/2016	5.33	5.07	5.11	5.25	
11/16/2016					6.51
1/11/2017	5.32	5	5.07	5.23	6.43
2/28/2017	5.32	5.1			
3/1/2017			5.14	5.25	6.48
4/20/2017	5.31	5.12	5.05	5.36	
4/25/2017					6.58
7/19/2017	5.19	4.84	4.95	5.12	
7/25/2017					6.37
10/11/2017	5.27	4.95	5.17	5.23	
10/12/2017					6.53
12/13/2017					6.37
1/11/2018	5.15	5.01	4.97	5.28	
1/12/2018					6.47
7/11/2018	5.25	5.01	5.07	5.23	6.18
1/29/2019	5.25	5.18	4.83	5.35	
1/30/2019					5.93
3/26/2019	5.29	5.04	4.95		
3/27/2019				5.25	6.11
9/10/2019	5.18		5.12		
9/11/2019		5.28		5.16	6.3
4/1/2020	5.26	5.35	4.95	5.3	6.15
9/15/2020	5.83	4.92	5.02	5.29	6.13
3/16/2021	4.76		4.68	4.83	
3/17/2021		5.41			5.99
8/17/2021	5.12		4.95		
8/19/2021		4.92		5.29	6.17
2/22/2022	5.2	5.15	4.98	5.29	
2/23/2022					6.2
8/2/2022	5.05	4.9	4.93	5.18	6.41
2/7/2023	5.03	5.19	4.88		6.47
2/8/2023				5.31	
8/1/2023		4.58	4.47		
8/2/2023	4.82			4.99	6.28
2/6/2024	5.23	5.35	5	5.19	
2/7/2024					6.31
8/13/2024	4.97	4.73	4.9	5.02	
8/14/2024					6.75
2/4/2025	5.26	5.5	4.99	5.26	
2/5/2025					6.74

Time Series

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/4/2025	4.66				
8/5/2025		4.28	4.5	4.71	
8/6/2025					5.64
2/2/2026	4.91				
2/3/2026		4.79	4.82	5.03	6.38

Time Series

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
6/19/2015				5.05	
6/20/2015	4.87	6.28	6.13		
12/15/2015					5.98
4/19/2016					5.98
4/20/2016	5.43		6.28	5.17	
4/21/2016		6.21			
6/15/2016	5.28		6.55	5.12	
6/16/2016		6.27			5.85
8/10/2016	5.15	6.12	6.22	5.12	5.79
9/27/2016	5.19	6.29	6.33	5.19	
9/28/2016					5.9
11/15/2016	5.2	6.12	6.28	5.14	5.66
1/12/2017	5.27	6.23	6.26	5.13	
1/16/2017					5.65
3/1/2017	5.31	6.15	6.41	5.05	5.62
4/20/2017	5.29			5.15	
4/24/2017		6.8	6.26		
4/25/2017					5.59
7/20/2017				5.04	
7/24/2017		6.19	6.27		
7/25/2017					5.55
10/11/2017	5.25		6.35		
10/12/2017		6.11		5.03	5.68
12/12/2017		7.28			5.54
12/13/2017			6.84		
1/11/2018	5.02	6.32	6.15	5.13	
7/11/2018					5.6
7/12/2018	5.04	6.7	6.63	5.09	
1/29/2019					5.58
1/30/2019	5.21	6.2	6.09	5.01	
3/27/2019	5.15	6.54	6.32	4.93	5.59
9/11/2019	4.8	6.63	6.37	5.04	5.58
4/1/2020	5	6.52		5.05	5.67
4/2/2020			6.38		
9/15/2020	4.76	6.66	6.62		
9/16/2020				4.91	5.43
3/16/2021	4.89	6.48		4.97	5.45
3/17/2021			6.58		
8/18/2021	4.89	6.32	6.54	5.01	
8/19/2021					5.69
2/23/2022	4.92	6.46	6.28	5.1	5.63
8/2/2022			6.4		
8/3/2022	4.83	6.34		4.98	5.62
2/7/2023	5.07			5.07	
2/8/2023		6.31	6.24		5.59
8/2/2023	4.73	6.28	6.32	4.79	5.42
2/7/2024	4.96	6.46	6.04		5.6
2/8/2024				5.13	
8/14/2024	4.79	6.31	6.34	4.91	5.65
2/4/2025		6.68			5.72
2/5/2025	5.14		6.39	5.71	
8/5/2025					4.7

Time Series

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/6/2025	4.33	6.62	5.6	4.74	
2/3/2026	4.84		6.16	4.91	5.43
2/4/2026		6.35			

Time Series

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
6/20/2015				4.7
12/14/2015	5.24	5.84		
4/19/2016				4.98
4/21/2016	4.88	5.43		
6/15/2016				5.2
6/16/2016	4.85	5.23	6.74	
8/10/2016	4.84	5.11	6.34	4.78
9/27/2016	5.32	5.06		4.91
9/28/2016			6.29	
11/15/2016	4.97	5.01		4.81
11/16/2016			6.18	
1/12/2017		4.99		
1/13/2017	4.97			5.28
1/17/2017			5.68	
3/1/2017		5		4.81
3/2/2017			5.75	
4/24/2017		5.8		4.99
4/25/2017	4.91		5.65	
7/13/2017			5.65	
7/24/2017				4.82
7/25/2017	4.89	4.92	5.24	
10/12/2017		4.89	5.37	4.85
10/17/2017	4.97			
12/12/2017				5.17
1/11/2018		4.98		
1/12/2018	4.97		5.35	4.83
7/11/2018	4.89	4.96		
7/12/2018			5.21	4.8
1/29/2019	4.94			
1/30/2019	4.94	4.65	5.14	4.88
3/27/2019	4.94	4.96	5.3	4.75
9/11/2019	4.96	4.99	5.24	4.8
4/1/2020	5.03	5.04	5.23	4.93
6/30/2020				4.52
9/15/2020	4.96	4.86	5.18	
9/16/2020				4.74
3/16/2021	4.78			
3/17/2021		4.8	4.97	4.69
8/19/2021	4.91	4.81	5.16	4.89
2/22/2022	5.02			
2/23/2022		4.87	5.11	5.07
8/3/2022	4.98			5.29
8/4/2022		4.83	5.12	
2/8/2023	4.84	4.85	5.08	5.31
8/2/2023	4.72			5.16
8/3/2023		4.61	5.13	
2/7/2024	4.99	4.77	5.22	5.43
8/14/2024	4.75	4.64	4.87	5.15
2/5/2025	5.02	4.86	5.24	5.38
8/5/2025	4.88	4.68		
8/6/2025			4.92	4.98
2/3/2026	4.72			

Time Series

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
2/4/2026		4.68	4.94	5.29

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004	<0.005	<0.005	<0.005	<0.005	
7/11/2005	<0.005	<0.005			
7/12/2005			<0.005	<0.005	
12/7/2005	<0.005	<0.005			
12/8/2005			<0.005	<0.005	
6/23/2006	<0.005	<0.005			
6/24/2006			<0.005	<0.005	
11/28/2006	<0.005	<0.005	<0.005	<0.005	
6/19/2007	<0.005	<0.005	<0.005	<0.005	
7/6/2007	<0.005	<0.005		<0.005	
12/13/2007	<0.005	<0.005	<0.005		
12/14/2007				<0.005	
6/20/2008	<0.005	<0.005	<0.005	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005	<0.005	<0.005	<0.005	
12/28/2009	<0.005	<0.005			
12/29/2009				<0.005	
12/30/2009			<0.005		
6/22/2010	<0.005	<0.005	<0.005	<0.005	<0.005
1/4/2011	<0.005		<0.005	<0.005	
1/5/2011		<0.005			
7/9/2011	<0.005	<0.005		<0.005	
7/10/2011			<0.005		
1/20/2012		<0.005			
1/21/2012	<0.005		<0.005	<0.005	
7/11/2012	<0.005	<0.005	<0.005	<0.005	
1/19/2013		<0.005		<0.005	
1/20/2013	<0.005		<0.005		
7/18/2013		<0.005		<0.005	
7/19/2013	<0.005		<0.005		
1/15/2014	<0.005	<0.005		<0.005	
1/16/2014			<0.005		
7/10/2014			<0.005	<0.005	
7/11/2014	<0.005	<0.005			
1/15/2015		<0.005		<0.005	
1/16/2015	<0.005		<0.005		
6/19/2015		<0.005		<0.005	
6/20/2015	<0.005		<0.005		
12/7/2015					<0.005
12/15/2015					<0.005
12/29/2015					<0.005
1/13/2016					<0.005
1/14/2016			<0.005	<0.005	
1/16/2016	<0.005	<0.005			
1/25/2016					<0.005
4/19/2016	<0.005	<0.005			
4/20/2016			<0.005	<0.005	<0.005
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005
8/9/2016	<0.005	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/11/2016			<0.005		
9/26/2016	<0.005				
9/27/2016		0.00045 (J)	<0.005	<0.005	<0.005
11/14/2016		<0.005	<0.005		
11/15/2016	<0.005			<0.005	<0.005
1/10/2017	<0.005	<0.005	<0.005		
1/11/2017				<0.005	
1/12/2017					<0.005
2/28/2017	<0.005	0.0027	0.0024	<0.005	<0.005
4/19/2017	0.00065 (J)	0.002			
4/20/2017			<0.005	<0.005	<0.005
7/17/2017	0.00047 (J)				
7/18/2017		0.0017	0.00026 (J)	<0.005	<0.005
1/10/2018	0.00052 (J)	0.00079 (J)	0.00069 (J)	<0.005	0.00025 (J)
7/11/2018	<0.005	<0.005	<0.005	<0.005	<0.005
1/29/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019			<0.005	<0.005	<0.005
3/27/2019	<0.005	<0.005			
9/10/2019			<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005			
3/31/2020			<0.005	<0.005	<0.005
4/1/2020	<0.005	<0.005			
9/15/2020	<0.005	<0.005		<0.005	<0.005
9/16/2020			<0.005		
3/16/2021	<0.005	<0.005			<0.005
3/17/2021			<0.005	<0.005	
8/17/2021	<0.005	<0.005			
8/18/2021					<0.005
8/19/2021			<0.005	<0.005	
2/22/2022	<0.005	<0.005		<0.005	<0.005
2/23/2022			<0.005		
8/2/2022	<0.005	<0.005		<0.005	<0.005
8/3/2022			<0.005		
2/6/2023					<0.005
2/7/2023	<0.005	<0.005	<0.005	<0.005	
8/1/2023	<0.005		<0.005	<0.005	<0.005
8/2/2023		<0.005			
2/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/13/2024		<0.005	<0.005	<0.005	<0.005
8/15/2024	<0.005				
2/3/2025			<0.005		
2/4/2025	<0.005	<0.005		<0.005	<0.005
8/5/2025	<0.005		<0.005	<0.005	<0.005
8/6/2025		<0.005			
2/2/2026		<0.005	<0.005	<0.005	<0.005
2/3/2026	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.005	
1/21/2012					<0.005
12/7/2015	<0.005	<0.005	<0.005		
12/8/2015				<0.005	<0.005
12/14/2015			<0.005	<0.005	<0.005
12/15/2015	<0.005	<0.005			
12/28/2015		<0.005	<0.005	<0.005	<0.005
12/29/2015	<0.005				
1/13/2016	<0.005	<0.005	<0.005	<0.005	
1/14/2016					<0.005
1/25/2016	<0.005	<0.005	<0.005		
1/26/2016				<0.005	<0.005
4/19/2016					<0.005
4/20/2016	<0.005		<0.005	<0.005	
4/21/2016		<0.005			
6/14/2016	<0.005				
6/15/2016		<0.005	<0.005	<0.005	
6/16/2016					<0.005
8/9/2016	<0.005	<0.005	<0.005	<0.005	
8/11/2016					<0.005
9/27/2016	<0.005	<0.005	<0.005	<0.005	
9/28/2016					<0.005
11/15/2016	<0.005	<0.005	<0.005	<0.005	
11/16/2016					<0.005
1/11/2017	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2017	<0.005	<0.005			
3/1/2017			<0.005	<0.005	<0.005
4/20/2017	<0.005	<0.005	<0.005	<0.005	
4/25/2017					<0.005
7/19/2017	<0.005	0.00071 (J)	0.00025 (J)	<0.005	
7/25/2017					<0.005
1/11/2018	<0.005	<0.005	<0.005	<0.005	
1/12/2018					<0.005
7/11/2018	<0.005	<0.005	<0.005	<0.005	0.00044 (J)
1/29/2019	<0.005	<0.005	<0.005	<0.005	
1/30/2019					<0.005
3/26/2019	<0.005	<0.005	<0.005		
3/27/2019				<0.005	<0.005
9/10/2019	<0.005		<0.005		
9/11/2019		<0.005		<0.005	<0.005
4/1/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/15/2020	<0.005	<0.005	<0.005	<0.005	<0.005
3/16/2021	<0.005		<0.005	<0.005	
3/17/2021		<0.005			<0.005
8/17/2021	<0.005		<0.005		
8/19/2021		<0.005		<0.005	<0.005
2/22/2022	<0.005	<0.005	<0.005	<0.005	
2/23/2022					<0.005
8/2/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2023	<0.005	<0.005	<0.005		<0.005
2/8/2023				<0.005	
8/1/2023		<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/2/2023	<0.005			<0.005	<0.005
2/6/2024	<0.005	<0.005	<0.005	<0.005	
2/7/2024					<0.005
8/13/2024	<0.005	<0.005	<0.005	<0.005	
8/14/2024					<0.005
2/4/2025	<0.005	<0.005	<0.005	<0.005	
2/5/2025					<0.005
8/4/2025	<0.005				
8/5/2025		<0.005	<0.005	<0.005	
8/6/2025					<0.005
2/2/2026	<0.005				
2/3/2026		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004		<0.005	<0.005	<0.005	
7/11/2005	<0.005			<0.005	
7/12/2005		<0.005	<0.005		
12/7/2005	<0.005	<0.005	<0.005	<0.005	
6/24/2006	<0.005	<0.005		<0.005	
6/25/2006			<0.005		
11/28/2006			<0.005	<0.005	
11/29/2006	<0.005	<0.005			
6/20/2007	<0.005	<0.005		<0.005	
6/21/2007			<0.005		
7/6/2007	<0.005	<0.005	<0.005	<0.005	
12/13/2007	<0.005	<0.005		<0.005	
12/14/2007			<0.005		
6/20/2008	<0.005	<0.005	<0.005	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005				
7/10/2009		<0.005	<0.005	<0.005	
12/28/2009	<0.005			<0.005	
12/29/2009		<0.005	<0.005		
6/22/2010	<0.005	<0.005	<0.005	<0.005	
1/4/2011	<0.005	<0.005		<0.005	
1/5/2011			<0.005		
7/9/2011	<0.005		<0.005	<0.005	
7/10/2011		<0.005			
1/20/2012				<0.005	
1/21/2012	<0.005	<0.005	<0.005		
7/11/2012	<0.005	<0.005	<0.005	<0.005	
1/19/2013			<0.005	<0.005	
1/20/2013	<0.005	<0.005			
7/18/2013				<0.005	
7/19/2013	<0.005	<0.005	<0.005		
1/15/2014	<0.005		<0.005	<0.005	
1/16/2014		<0.005			
7/10/2014		<0.005			
7/11/2014	<0.005		<0.005	<0.005	
1/15/2015				<0.005	
1/16/2015	<0.005	<0.005	<0.005		
6/19/2015				<0.005	
6/20/2015	<0.005	<0.005	<0.005		
12/8/2015					<0.005
12/15/2015					<0.005
12/28/2015					<0.005
1/14/2016			<0.005		<0.005
1/16/2016	<0.005	<0.005		<0.005	
1/26/2016					<0.005
4/19/2016					<0.005
4/20/2016	<0.005		<0.005	<0.005	
4/21/2016		<0.005			
6/15/2016	<0.005		0.00052 (J)	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
6/16/2016		<0.005			<0.005
8/10/2016	<0.005	0.00026 (J)	0.00053 (J)	<0.005	<0.005
9/27/2016	<0.005	0.00024 (J)	0.00047 (J)	<0.005	
9/28/2016					<0.005
11/15/2016	<0.005	<0.005	<0.005	<0.005	<0.005
1/12/2017	0.00035 (J)	<0.005	0.00025 (J)	<0.005	
1/16/2017					<0.005
3/1/2017	<0.005	<0.005	<0.005	<0.005	<0.005
4/20/2017	<0.005			<0.005	
4/24/2017		<0.005	<0.005		
4/25/2017					0.00052 (J)
7/19/2017	0.00026 (J)				
7/20/2017				<0.005	
7/24/2017		<0.005	0.00032 (J)		
7/25/2017					<0.005
1/11/2018	<0.005	<0.005	<0.005	<0.005	
1/12/2018					<0.005
7/11/2018					<0.005
7/12/2018	<0.005	<0.005	0.00025 (J)	<0.005	
1/29/2019					<0.005
1/30/2019	<0.005	<0.005	<0.005	<0.005	
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2020	<0.005	<0.005		<0.005	<0.005
4/2/2020			<0.005		
9/15/2020	<0.005	<0.005	<0.005		
9/16/2020				<0.005	<0.005
3/16/2021	<0.005	<0.005		<0.005	<0.005
3/17/2021			<0.005		
8/18/2021	<0.005	<0.005	<0.005	<0.005	
8/19/2021					<0.005
2/23/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/2/2022			<0.005		
8/3/2022	<0.005	<0.005		<0.005	<0.005
2/7/2023	<0.005			<0.005	
2/8/2023		<0.005	<0.005		<0.005
8/2/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2024	<0.005	<0.005	<0.005		<0.005
2/8/2024				<0.005	
8/14/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/4/2025		<0.005			<0.005
2/5/2025	<0.005		<0.005	<0.005	
8/5/2025					<0.005
8/6/2025	<0.005	<0.005	<0.005	<0.005	
2/3/2026	<0.005		<0.005	<0.005	<0.005
2/4/2026		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.005
9/11/2004				<0.005
9/26/2004				<0.005
10/13/2004				<0.005
7/12/2005				0.0058
12/8/2005				<0.005
6/25/2006				<0.005
11/29/2006				<0.005
6/20/2007				<0.005
7/6/2007				<0.005
12/13/2007				<0.005
6/20/2008				<0.005
12/7/2008				<0.005
7/9/2009				<0.005
12/29/2009				<0.005
6/22/2010				<0.005
1/5/2011				<0.005
7/9/2011				<0.005
1/21/2012				<0.005
7/11/2012				<0.005
1/19/2013				<0.005
7/18/2013				<0.005
1/15/2014				<0.005
7/10/2014				<0.005
1/16/2015				<0.005
6/20/2015				<0.005
12/9/2015	<0.005	<0.005		
12/14/2015	<0.005	<0.005		
12/29/2015	<0.005	<0.005		
1/14/2016	<0.005	<0.005		<0.005
1/25/2016	<0.005	<0.005		
4/19/2016				<0.005
4/21/2016	<0.005	<0.005		
6/15/2016				<0.005
6/16/2016	<0.005	<0.005	<0.005	
8/10/2016	<0.005	<0.005	<0.005	<0.005
9/27/2016	<0.005	0.00043 (J)		<0.005
9/28/2016			<0.005	
11/15/2016	<0.005	<0.005		<0.005
11/16/2016			<0.005	
1/12/2017		<0.005		
1/13/2017	<0.005			<0.005
1/17/2017			<0.005	
3/1/2017	<0.005	<0.005		<0.005
3/2/2017			<0.005	
4/24/2017		<0.005		<0.005
4/25/2017	0.0021		<0.005	
7/13/2017			<0.005	
7/24/2017				<0.005
7/25/2017	<0.005	<0.005	<0.005	
1/11/2018		<0.005		
1/12/2018	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
7/11/2018	<0.005	<0.005		
7/12/2018			<0.005	<0.005
1/29/2019	<0.005			
1/30/2019		<0.005	<0.005	<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	<0.005	<0.005
4/1/2020	<0.005	<0.005	<0.005	<0.005
9/15/2020	<0.005	<0.005	<0.005	
9/16/2020				<0.005
3/16/2021	<0.005			
3/17/2021		<0.005	<0.005	<0.005
8/19/2021	<0.005	<0.005	<0.005	<0.005
2/22/2022	<0.005			
2/23/2022		<0.005	<0.005	<0.005
8/3/2022	<0.005			<0.005
8/4/2022		<0.005	<0.005	
2/8/2023	<0.005	<0.005	<0.005	<0.005
8/2/2023	<0.005			<0.005
8/3/2023		<0.005	<0.005	
2/7/2024	<0.005	<0.005	<0.005	<0.005
8/14/2024	<0.005	<0.005	<0.005	<0.005
2/5/2025	<0.005	<0.005	<0.005	<0.005
8/5/2025	<0.005	<0.005		
8/6/2025			<0.005	<0.005
2/3/2026	<0.005			
2/4/2026		<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004	<0.001	<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001			
7/12/2005			<0.001	<0.001	
12/7/2005	<0.001	<0.001			
12/8/2005			<0.001	<0.001	
6/23/2006	<0.001	<0.001			
6/24/2006			<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
6/19/2007	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001		<0.001	
12/13/2007	<0.001	<0.001	<0.001		
12/14/2007				<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001	<0.001	<0.001	<0.001	
12/28/2009	<0.001	<0.001			
12/29/2009				<0.001	
12/30/2009			<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	<0.001
1/4/2011	<0.001		<0.001	<0.001	
1/5/2011		<0.001			
7/9/2011	<0.001	<0.001		<0.001	
7/10/2011			<0.001		
1/20/2012		<0.001			
1/21/2012	<0.001		<0.001	<0.001	
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013		<0.001		<0.001	
1/20/2013	<0.001		<0.001		
7/18/2013		<0.001		<0.001	
7/19/2013	<0.001		<0.001		
1/15/2014	<0.001	<0.001		<0.001	
1/16/2014			<0.001		
7/10/2014			<0.001	<0.001	
7/11/2014	<0.001	<0.001			
1/15/2015		<0.001		<0.001	
1/16/2015	<0.001		<0.001		
6/19/2015		<0.001		<0.001	
6/20/2015	<0.001		<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/29/2015					<0.001
1/13/2016					<0.001
1/14/2016			<0.001	<0.001	
1/16/2016	<0.001	<0.001			
1/25/2016					<0.001
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001
1/10/2017	<0.001	<0.001	<0.001		
1/11/2017				<0.001	
1/12/2017					<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
7/17/2017	<0.001				
7/18/2017		<0.001	<0.001	<0.001	<0.001
1/10/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019			<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001			
9/10/2019			<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001			
3/31/2020			<0.001	<0.001	<0.001
4/1/2020	<0.001	<0.001			
9/15/2020	<0.001	<0.001		<0.001	<0.001
9/16/2020			<0.001		
3/16/2021	<0.001	<0.001			<0.001
3/17/2021			<0.001	<0.001	
8/17/2021	<0.001	<0.001			
8/18/2021					<0.001
8/19/2021			<0.001	<0.001	
2/22/2022	<0.001	<0.001		<0.001	<0.001
2/23/2022			<0.001		
8/2/2022	<0.001	<0.001		<0.001	<0.001
8/3/2022			<0.001		
2/6/2023					<0.001
2/7/2023	<0.001	<0.001	<0.001	<0.001	
8/1/2023	<0.001		<0.001	<0.001	<0.001
8/2/2023		<0.001			
2/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/13/2024		<0.001	<0.001	<0.001	<0.001
8/15/2024	<0.001				
2/3/2025			<0.001		
2/4/2025	<0.001	<0.001		<0.001	<0.001
8/5/2025	<0.001		<0.001	<0.001	<0.001
8/6/2025		<0.001			
2/2/2026		0.00054 (J)	<0.001	<0.001	<0.001
2/3/2026	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.001	
1/21/2012					<0.001
12/7/2015	<0.001	<0.001	<0.001		
12/8/2015				<0.001	<0.001
12/14/2015			<0.001	<0.001	<0.001
12/15/2015	<0.001	<0.001			
12/28/2015		<0.001	<0.001	<0.001	<0.001
12/29/2015	<0.001				
1/13/2016	<0.001	<0.001	<0.001	<0.001	
1/14/2016					<0.001
1/25/2016	<0.001	<0.001	<0.001		
1/26/2016				<0.001	<0.001
6/14/2016	<0.001				
6/15/2016		<0.001	<0.001	<0.001	
6/16/2016					<0.001
1/11/2017	<0.001	<0.001	<0.001	<0.001	<0.001
7/19/2017	<0.001	<0.001	<0.001	<0.001	
7/25/2017					<0.001
1/11/2018	<0.001	<0.001	<0.001	<0.001	
1/12/2018					<0.001
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001	<0.001	<0.001	<0.001	
1/30/2019					0.00029 (J)
3/26/2019	<0.001	<0.001	<0.001		
3/27/2019				<0.001	<0.001
9/10/2019	<0.001		<0.001		
9/11/2019		<0.001		<0.001	<0.001
4/1/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	<0.001	<0.001	<0.001
3/16/2021	<0.001		<0.001	<0.001	
3/17/2021		<0.001			<0.001
8/17/2021	<0.001		<0.001		
8/19/2021		<0.001		<0.001	<0.001
2/22/2022	<0.001	<0.001	<0.001	<0.001	
2/23/2022					<0.001
8/2/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2023	<0.001	<0.001	<0.001		<0.001
2/8/2023				<0.001	
8/1/2023		<0.001	<0.001		
8/2/2023	<0.001			<0.001	<0.001
2/6/2024	<0.001	<0.001	<0.001	<0.001	
2/7/2024					<0.001
8/13/2024	<0.001	<0.001	<0.001	<0.001	
8/14/2024					<0.001
2/4/2025	<0.001	<0.001	<0.001	<0.001	
2/5/2025					<0.001
8/4/2025	<0.001				
8/5/2025		<0.001	<0.001	<0.001	
8/6/2025					<0.001
2/2/2026	<0.001				
2/3/2026		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004		<0.001	<0.001	<0.001	
7/11/2005	<0.001			<0.001	
7/12/2005		<0.001	<0.001		
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/24/2006	<0.001	<0.001		<0.001	
6/25/2006			<0.001		
11/28/2006			<0.001	<0.001	
11/29/2006	<0.001	<0.001			
6/20/2007	<0.001	<0.001		<0.001	
6/21/2007			<0.001		
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001		<0.001	
12/14/2007			<0.001		
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001		<0.001	<0.001	
7/10/2011		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
1/15/2014	<0.001		<0.001	<0.001	
1/16/2014		<0.001			
7/10/2014		<0.001			
7/11/2014	<0.001		0.00061 (J)	<0.001	
1/15/2015				<0.001	
1/16/2015	<0.001	<0.001	<0.001		
6/19/2015				<0.001	
6/20/2015	<0.001	<0.001	<0.001		
12/8/2015					<0.001
12/15/2015					<0.001
12/28/2015					<0.001
1/14/2016			<0.001		<0.001
1/16/2016	<0.001	<0.001		<0.001	
1/26/2016					<0.001
6/15/2016	<0.001		<0.001	<0.001	
6/16/2016		<0.001			<0.001
1/12/2017	<0.001	<0.001	<0.001	<0.001	
1/16/2017					<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
7/19/2017	<0.001				
7/20/2017				<0.001	
7/24/2017		<0.001	<0.001		
7/25/2017					<0.001
1/11/2018	<0.001	<0.001	<0.001	<0.001	
1/12/2018					<0.001
7/11/2018					<0.001
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					<0.001
1/30/2019	0.00021 (J)	0.00018 (J)	0.00016 (J)	<0.001	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2020	<0.001	<0.001		<0.001	<0.001
4/2/2020			<0.001		
9/15/2020	<0.001	<0.001	<0.001		
9/16/2020				<0.001	<0.001
3/16/2021	<0.001	<0.001		<0.001	<0.001
3/17/2021			<0.001		
8/18/2021	<0.001	<0.001	<0.001	<0.001	
8/19/2021					<0.001
2/23/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/2/2022			<0.001		
8/3/2022	<0.001	<0.001		<0.001	<0.001
2/7/2023	<0.001			<0.001	
2/8/2023		<0.001	<0.001		<0.001
8/2/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2024	<0.001	<0.001	<0.001		<0.001
2/8/2024				<0.001	
8/14/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/4/2025		<0.001			<0.001
2/5/2025	<0.001		<0.001	<0.001	
8/5/2025					<0.001
8/6/2025	<0.001	<0.001	<0.001	<0.001	
2/3/2026	<0.001		<0.001	<0.001	<0.001
2/4/2026		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.001
9/11/2004				<0.001
9/26/2004				<0.001
10/13/2004				<0.001
7/12/2005				<0.001
12/8/2005				<0.001
6/25/2006				<0.001
11/29/2006				<0.001
6/20/2007				<0.001
7/6/2007				<0.001
12/13/2007				<0.001
6/20/2008				<0.001
12/7/2008				<0.001
7/9/2009				<0.001
12/29/2009				<0.001
6/22/2010				<0.001
1/5/2011				<0.001
7/9/2011				<0.001
1/21/2012				<0.001
7/11/2012				<0.001
1/19/2013				<0.001
7/18/2013				<0.001
1/15/2014				<0.001
7/10/2014				<0.001
1/16/2015				<0.001
6/20/2015				<0.001
12/9/2015	<0.001	<0.001		
12/14/2015	<0.001	<0.001		
12/29/2015	<0.001	<0.001		
1/14/2016	<0.001	<0.001		<0.001
1/25/2016	<0.001	<0.001		
6/15/2016				<0.001
6/16/2016	<0.001	<0.001	<0.001	
1/12/2017		<0.001		
1/13/2017	<0.001			<0.001
1/17/2017			<0.001	
7/24/2017				<0.001
7/25/2017	<0.001	<0.001	<0.001	
1/11/2018		<0.001		
1/12/2018	<0.001		<0.001	<0.001
7/11/2018	<0.001	<0.001		
7/12/2018			<0.001	<0.001
1/29/2019	<0.001			
1/30/2019		0.00018 (J)	0.00012 (J)	0.00018 (J)
3/27/2019	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001
4/1/2020	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	<0.001	
9/16/2020				<0.001
3/16/2021	<0.001			
3/17/2021		<0.001	<0.001	<0.001
8/19/2021	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
2/22/2022	<0.001			
2/23/2022		<0.001	<0.001	<0.001
8/3/2022	<0.001			<0.001
8/4/2022		<0.001	<0.001	
2/8/2023	<0.001	<0.001	<0.001	<0.001
8/2/2023	<0.001			<0.001
8/3/2023		<0.001	<0.001	
2/7/2024	<0.001	<0.001	<0.001	<0.001
8/14/2024	<0.001	<0.001	<0.001	<0.001
2/5/2025	<0.001	<0.001	<0.001	<0.001
8/5/2025	<0.001	<0.001		
8/6/2025			<0.001	<0.001
2/3/2026	<0.001			
2/4/2026		<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
4/19/2016	1.27	1.03			
4/20/2016			7.31	0.367 (J)	0.496 (J)
6/14/2016	1.7	0.88 (J)	8.6	0.48 (J)	0.62 (J)
8/9/2016	<1	<1		<1	<1
8/11/2016			3.7		
9/26/2016	<1				
9/27/2016		0.9 (J)	4.6	<1	<1
11/14/2016		<1	7.4		
11/15/2016	<1			<1	<1
1/10/2017	0.83 (J)	1.2	4.7		
1/11/2017				<1	
1/12/2017					<1
2/28/2017	0.99 (J)	1.1	4.1	<1	<1
4/19/2017	0.97 (J)	<1			
4/20/2017			5.9	<1	<1
10/10/2017	<1		7.3		
10/11/2017		<1		<1	<1
1/10/2018	<1	1.1	7.6	<1	<1
7/11/2018	<1	<1	14	<1	<1
1/29/2019	0.64 (J)	<1	8.7	<1	1.2
3/26/2019			11	0.68 (J)	0.63 (J)
3/27/2019	<1	0.7 (J)			
9/10/2019			9.8	0.77 (J)	0.93 (J)
9/11/2019	0.76 (J)	1			
3/31/2020			6.2	0.76 (J)	1.4
4/1/2020	0.95 (J)	1.1			
9/15/2020	<1	0.47 (J)		<1	0.38 (J)
9/16/2020			4.1		
3/16/2021	<1	<1			<1
3/17/2021			3.5	<1	
8/17/2021	<1	<1			
8/18/2021					<1
8/19/2021			5.4	<1	
2/22/2022	<1	<1		<1	<1
2/23/2022			2.7		
8/2/2022	<1	0.4 (J)		<1	<1
8/3/2022			2		
2/6/2023					<1
2/7/2023	<1	<1	1.7	<1	
8/1/2023	<1		5.5	<1	0.52 (J)
8/2/2023		0.62 (J)			
2/6/2024	1.2	1.2	2.1	<1	0.87 (J)
8/13/2024		0.92 (J)	3.7	<1	0.83 (J)
8/15/2024	1.3				
2/3/2025			2		
2/4/2025	0.69 (J)	0.97 (J)		0.49 (J)	0.62 (J)
8/5/2025	<1		2.6	<1	0.97 (J)
8/6/2025		0.94 (J)			
2/2/2026		<1	1.2	1	<1
2/3/2026	0.77 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
4/19/2016					4.84
4/20/2016	5.85 (O)		0.53 (J)	2.93	
4/21/2016		0.503 (J)			
6/14/2016	4.6 (O)				
6/15/2016		0.62 (J)	0.67 (J)	1.8	
6/16/2016					9 (O)
8/9/2016	2.7	<1	<1	1.6	
8/11/2016					5
9/27/2016	2	<1	<1	1.5	
9/28/2016					5.1
11/15/2016	1.5	<1	<1	1.3	
11/16/2016					4.9
1/11/2017	1.4	<1	<1	1.1	5.2
2/28/2017	1.1	<1			
3/1/2017			<1	1.3	4.6
4/20/2017	0.82 (J)	<1	<1	0.77 (J)	
4/25/2017					4.6
10/11/2017	<1	<1	<1	<1	
10/12/2017					4
12/13/2017					4
1/11/2018	<1	<1	<1	<1	
1/12/2018					4.5
7/11/2018	<1	<1	<1	<1	5
1/29/2019	0.52 (J)	0.43 (J)	<1	<1	
1/30/2019					5.8
3/26/2019	0.92 (J)	0.79 (J)	0.9 (J)		
3/27/2019				<1	4.8
9/10/2019	0.83 (J)		0.83 (J)		
9/11/2019		1.2		0.85 (J)	4.5
4/1/2020	0.67 (J)	0.49 (J)	0.73 (J)	<1	4.1
9/15/2020	1.1	0.44 (J)	0.44 (J)	<1	2.7
3/16/2021	<1		<1	<1	
3/17/2021		<1			3.5
8/17/2021	<1		<1		
8/19/2021		0.8 (J)		<1	3.5
2/22/2022	<1	<1	<1	<1	
2/23/2022					4.5
8/2/2022	<1	<1	<1	<1	1.8
2/7/2023	<1	<1	<1		2
2/8/2023				<1	
8/1/2023		0.57 (J)	0.48 (J)		
8/2/2023	0.62 (J)			<1	2.4
2/6/2024	0.81 (J)	0.47 (J)	0.42 (J)	<1	
2/7/2024					1.7
8/13/2024	0.81 (J)	0.83 (J)	0.71 (J)	<1	
8/14/2024					3.8
2/4/2025	1 (F1)	0.58 (J)	0.76 (J)	<1	
2/5/2025					2.2
8/4/2025	0.78 (J)				
8/5/2025		<1	<1	<1	
8/6/2025					1.7
2/2/2026	0.78 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
2/3/2026		1.7	1.3	1	2.2

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/19/2016					2.21
4/20/2016	1.79		4.37	0.601 (J)	
4/21/2016		1.93			
6/15/2016	2		5.7	0.8 (J)	
6/16/2016		2.3			2.5
8/10/2016	0.96 (J)	2.9	4.5	<1	2.7
9/27/2016	0.75 (J)	3.2	4.4	<1	
9/28/2016					2.5
11/15/2016	0.97 (J)	3.5	4.4	<1	2.2
1/12/2017	1.7	4.2	4.6	<1	
1/16/2017					2.1
3/1/2017	2	3.5	4.5	<1	1.9
4/20/2017	1.3			<1	
4/24/2017		3.5	4		
4/25/2017					1.6
10/11/2017	1.3		4.5		
10/12/2017		2.7		<1	1.7
1/11/2018	1.6	2.6	3.5	<1	
1/12/2018					1.5
7/11/2018					1.4
7/12/2018	1.1	5	5.9	<1	
1/29/2019					1.4
1/30/2019	2.1	5	4.3	0.65 (J)	
3/27/2019	1.6	4.3	5.4	0.67 (J)	1.6
9/11/2019	1.3	5.2	3.8	1	1.8
4/1/2020	2	2.2		0.91 (J)	2.1
4/2/2020			3.4		
9/15/2020	1.6	3.6	5		
9/16/2020				0.53 (J)	1.6
3/16/2021	1.6	2.4		<1	1.9
3/17/2021			5.6		
8/18/2021	1.2	3	4.1	<1	
8/19/2021					2.5
2/23/2022	1.6	3.4	2.9	1.1	3.1
8/2/2022			2.7		
8/3/2022	0.45 (J)	1.6		<1	1.7
2/7/2023	0.64 (J)			<1	
2/8/2023		1.8	1.9		2
8/2/2023	0.53 (J)	2.4	2.3	0.56 (J)	2.2
2/7/2024	0.96 (J)	2.4	1.6		1.8
2/8/2024				0.4 (J)	
8/14/2024	1.6	3.1	2.4	0.61 (J)	2.4
2/4/2025		2.9			<1
2/5/2025	1.8		1.9	0.56 (J)	
8/5/2025					1.9
8/6/2025	1.2	3	1.7	0.94 (J)	
2/3/2026	0.99 (J)		2.4	<1	2.4
2/4/2026		3			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
4/19/2016				3.84
4/21/2016	5.25	1.99		
6/15/2016				3.8
6/16/2016	3.9	1.6	9.2 (O)	
8/10/2016	2.8	1.1	3.1	1.6
9/27/2016	2.6	1.1		0.91 (J)
9/28/2016			3.1	
11/15/2016	1.9	1		<1
11/16/2016			3.2	
1/12/2017		1.2		
1/13/2017	1.8			<1
1/17/2017			2.6	
3/1/2017	1.7	1.2		1.5
3/2/2017			3.3	
4/24/2017		0.95 (J)		1.2
4/25/2017	1.3		2.4	
7/13/2017			2.1	
10/12/2017	1.1	0.72 (J)	2.1	2.3
1/11/2018		<1		
1/12/2018	0.86 (J)		1.9	<1
7/11/2018	0.9 (J)	<1		
7/12/2018			2	<1
1/29/2019	1.3			
1/30/2019		0.72 (J)	2.4	0.58 (J)
3/27/2019	1.7	0.92 (J)	2.8	1.2
9/11/2019	0.97 (J)	0.94 (J)	2.5	0.92 (J)
4/1/2020	1.6	0.81 (J)	2	4.1
9/15/2020	0.67 (J)	0.56 (J)	1.9	
9/16/2020				<1
3/16/2021	0.98 (J)			
3/17/2021		<1	1.8	<1
8/19/2021	1.3	0.79 (J)	1.9	<1
2/22/2022	1.4			
2/23/2022		1	2.4	<1
8/3/2022	<1			<1
8/4/2022		<1	1.8	
2/8/2023	<1	<1	1.7	<1
8/2/2023	0.82 (J)			0.42 (J)
8/3/2023		0.54 (J)	2.9	
2/7/2024	0.5 (J)	0.4 (J)	1.7	<1
8/14/2024	0.92 (J)	0.51 (J)	2.5	1
2/5/2025	0.98 (J)	0.64 (J)	2.5	0.61 (J)
8/5/2025	0.78 (J)	<1		
8/6/2025			1.9	<1
2/3/2026	0.94 (J)			
2/4/2026		<1	2	1.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
4/19/2016	<25	<10			
4/20/2016			<5	<5	<10
6/14/2016	55	46	67	62	47
8/9/2016	6	18		6	10
8/11/2016			<5		
9/26/2016	24				
9/27/2016		30	28	10	16
11/14/2016		26	48		
11/15/2016	38			32	4 (J)
1/10/2017	18	18	22		
1/11/2017				12	
1/12/2017					26
2/28/2017	12	22	32	<5	6
4/19/2017	14	14			
4/20/2017			20	34	<10
10/10/2017	10		24		
10/11/2017		30		40	32
1/10/2018	6	28	42	48	10
7/11/2018	16	12	<5	22	28
1/29/2019	36	27	26	34	24
3/26/2019			39	21	<10
3/27/2019	36	35			
9/10/2019			36	13	21
9/11/2019	28	15			
3/31/2020			27	28	17
4/1/2020	32	20			
9/15/2020	22	<10		23	17
9/16/2020			21		
3/16/2021	24	25			23
3/17/2021			36	31	
8/17/2021	48	21			
8/18/2021					21
8/19/2021			26	20	
2/22/2022	27	16		21	17
2/23/2022			21		
8/2/2022	12	11		11	<10
8/3/2022			20		
2/6/2023					19
2/7/2023	32	25	21	24	
8/1/2023	26		25	19	35
8/2/2023		31			
2/6/2024	34	22	20	25	23
8/13/2024		36	29	25	28
8/15/2024	32				
2/3/2025			20		
2/4/2025	31	22		20	28
8/5/2025	51		33	33	31
8/6/2025		35			
2/2/2026		28	21	27	36
2/3/2026	62				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
4/19/2016					106
4/20/2016	<10		<10	29	
4/21/2016		<5			
6/14/2016	65				
6/15/2016		58	67	85	
6/16/2016					150
8/9/2016	24	6	4 (J)	<5	
8/11/2016					78
9/27/2016	14	16	18	6	
9/28/2016					43
11/15/2016	18	18	26	24	
11/16/2016					140
1/11/2017	6	8	<10	20	64
2/28/2017	14	4 (J)			
3/1/2017			6	38	88
4/20/2017	<10	10	<10	6	
4/25/2017					92
10/11/2017	22	26	24	48	
10/12/2017					54
1/11/2018	36	56	6	18	
1/12/2018					110
7/11/2018	20	<5	24	22	16
1/29/2019	22	23	26	37	
1/30/2019					100
3/26/2019	17	17	27		
3/27/2019				38	79
9/10/2019	16		13		
9/11/2019		15		31	45
4/1/2020	<10	21	15	27	73
9/15/2020	17	13	14	26	64
3/16/2021	17		20	25	
3/17/2021		29			59
8/17/2021	19		19		
8/19/2021		21		32	71
2/22/2022	16	22	17	27	
2/23/2022					54
8/2/2022	13	11	<10	15	39
2/7/2023	23	23	24		90
2/8/2023				35	
8/1/2023		47	35		
8/2/2023	26			38	89
2/6/2024	20	28	27	34	
2/7/2024					88
8/13/2024	28	26	27	39	
8/14/2024					89
2/4/2025	18	25	29	36	
2/5/2025					76
8/4/2025	33				
8/5/2025		30	39	48	
8/6/2025					76
2/2/2026	21				
2/3/2026		27	34	35	58

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
4/19/2016					34
4/20/2016	<25		32	41	
4/21/2016		49			
6/15/2016	52		81	27	
6/16/2016		109			34
8/10/2016	10	58	64	6	32
9/27/2016	30	100	60	16	
9/28/2016					13
11/15/2016	32	94	72	22	64
1/12/2017	52	110	84	44	
1/16/2017					12
3/1/2017	44	110	64	8	72
4/20/2017	20			<5	
4/24/2017		32	46		
4/25/2017					62
10/11/2017	54		88		
10/12/2017		74		12	38
12/12/2017		150			
12/13/2017			68		
1/11/2018	100	150	10	34	
1/12/2018					81
7/11/2018					38
7/12/2018	24	140	94	26	
1/29/2019					62
1/30/2019	55	160	89	22	
3/27/2019	26	130	79	24	61
9/11/2019	49	130	39	28	49
4/1/2020	39	130		20	52
4/2/2020			63		
9/15/2020	25	140	82		
9/16/2020				17	60
3/16/2021	29	130		19	65
3/17/2021			81		
8/18/2021	33	140	97	20	
8/19/2021					57
2/23/2022	31	130	70	16	41
8/2/2022			35		
8/3/2022	33	130		25	50
2/7/2023	34			27	
2/8/2023		130	71		54
8/2/2023	35	130	79	28	51
2/7/2024	33	130	73		48
2/8/2024				23	
8/14/2024	33	120	77	22	47
2/4/2025		130			48
2/5/2025	39		86	28	
8/5/2025					63
8/6/2025	44	150	84	35	
2/3/2026	50		92	22	56
2/4/2026		95			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
4/19/2016				49
4/21/2016	28	<10		
6/15/2016				84
6/16/2016	42	30	78	
8/10/2016	6	<10	88	44
9/27/2016	20	14		30
9/28/2016			35	
11/15/2016	82	58		32
11/16/2016			98	
1/12/2017		38		
1/13/2017	36			54
1/17/2017			36	
3/1/2017	40	32		34
3/2/2017			38	
4/24/2017		16		<10
4/25/2017	14		28	
7/13/2017			20	
10/12/2017	22	12	24	20
1/11/2018		20		
1/12/2018	56		43	48
7/11/2018	32	52		
7/12/2018			40	42
1/29/2019	27			
1/30/2019		43	38	42
3/27/2019	57	33	42	34
9/11/2019	45	23	24	43
4/1/2020	26	21	25	36
9/15/2020	34	24	27	
9/16/2020				<10
3/16/2021	37			
3/17/2021		24	24	40
8/19/2021	40	32	32	37
2/22/2022	33			
2/23/2022		26	23	30
8/3/2022	35			42
8/4/2022		26	33	
2/8/2023	31	32	31	44
8/2/2023	36			45
8/3/2023		30	36	
2/7/2024	33	28	33	50
8/14/2024	34	26	33	42
2/5/2025	35	34	28	40
8/5/2025	63	44		
8/6/2025			33	53
2/3/2026	51			
2/4/2026		<10	<10	17

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004	<0.001	<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001			
7/12/2005			<0.001	<0.001	
12/7/2005	<0.001	<0.001			
12/8/2005			<0.001	<0.001	
6/23/2006	<0.001	<0.001			
6/24/2006			<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001		<0.001	
12/13/2007	<0.001	<0.001	<0.001		
12/14/2007				<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001	<0.001	<0.001	<0.001	
12/28/2009	<0.001	<0.001			
12/29/2009				<0.001	
12/30/2009			<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	<0.001
1/4/2011	<0.001		<0.001	<0.001	
1/5/2011		<0.001			
7/9/2011	<0.001	<0.001		<0.001	
7/10/2011			<0.001		
1/20/2012		<0.001			
1/21/2012	<0.001		<0.001	<0.001	
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013		<0.001		<0.001	
1/20/2013	<0.001		<0.001		
7/18/2013		<0.001		<0.001	
7/19/2013	<0.001		<0.001		
1/15/2014	<0.001	<0.001		<0.001	
1/16/2014			<0.001		
6/19/2015		<0.001		<0.001	
6/20/2015	<0.001		<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/29/2015					0.0001 (J)
1/13/2016					6E-05 (J)
1/14/2016			<0.001	<0.001	
1/16/2016	<0.001	<0.001			
1/25/2016					<0.001
4/19/2016	<0.001	<0.001			
4/20/2016			<0.001	<0.001	<0.001
6/14/2016	<0.001	<0.001	3.6E-05 (J)	<0.001	<0.001
8/9/2016	<0.001	<0.001		<0.001	<0.001
8/11/2016			<0.001		
9/26/2016	<0.001				
9/27/2016		<0.001	<0.001	<0.001	<0.001
11/14/2016		<0.001	<0.001		
11/15/2016	<0.001			<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
1/10/2017	<0.001	<0.001	<0.001		
1/11/2017				<0.001	
1/12/2017					<0.001
2/28/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/19/2017	<0.001	<0.001			
4/20/2017			<0.001	<0.001	<0.001
7/17/2017	<0.001				
7/18/2017		<0.001	<0.001	<0.001	<0.001
1/10/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019			<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001			
9/10/2019			0.00033 (J)	<0.001	0.00057 (J)
9/11/2019	<0.001	<0.001			
3/31/2020			<0.001	<0.001	<0.001
4/1/2020	0.00017 (J)	<0.001			
9/15/2020	0.00029 (J)	0.00017 (J)		<0.001	<0.001
9/16/2020			<0.001		
3/16/2021	<0.001	<0.001			<0.001
3/17/2021			<0.001	<0.001	
8/17/2021	0.00062 (J)	0.00015 (J)			
8/18/2021					0.00016 (J)
8/19/2021			<0.001	<0.001	
2/22/2022	<0.001	<0.001		<0.001	<0.001
2/23/2022			<0.001		
8/2/2022	<0.001	<0.001		<0.001	<0.001
8/3/2022			<0.001		
2/6/2023					<0.001
2/7/2023	<0.001	<0.001	<0.001	<0.001	
8/1/2023	<0.001		<0.001	<0.001	<0.001
8/2/2023		<0.001			
2/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/13/2024		<0.001	<0.001	<0.001	<0.001
8/15/2024	<0.001				
2/3/2025			<0.001		
2/4/2025	<0.001	<0.001		<0.001	<0.001
8/5/2025	<0.001		<0.001	<0.001	<0.001
8/6/2025		<0.001			
2/2/2026		0.00035 (J)	<0.001	<0.001	<0.001
2/3/2026	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.001	
1/21/2012					<0.001
12/7/2015	<0.001	<0.001	<0.001		
12/8/2015				0.0001 (J)	0.0001 (J)
12/14/2015			<0.001	9E-05 (J)	0.0001 (J)
12/15/2015	<0.001	<0.001			
12/28/2015		<0.001	<0.001	9E-05 (J)	0.0001 (J)
12/29/2015	<0.001				
1/13/2016	7.9E-05 (J)	<0.001	<0.001	0.0001 (J)	
1/14/2016					0.000137 (J)
1/25/2016	<0.001	<0.001	<0.001		
1/26/2016				9.5E-05 (J)	0.000142 (J)
4/19/2016					<0.001
4/20/2016	<0.001		<0.001	<0.001	
4/21/2016		<0.001			
6/14/2016	<0.001				
6/15/2016		<0.001	<0.001	3.8E-05 (J)	
6/16/2016					0.00013 (J)
8/9/2016	<0.001	<0.001	<0.001	<0.001	
8/11/2016					0.00011 (J)
9/27/2016	<0.001	<0.001	<0.001	<0.001	
9/28/2016					0.00012 (J)
11/15/2016	<0.001	<0.001	<0.001	<0.001	
11/16/2016					<0.001
1/11/2017	<0.001	<0.001	<0.001	<0.001	9.5E-05 (J)
2/28/2017	<0.001	<0.001			
3/1/2017			<0.001	<0.001	0.00011 (J)
4/20/2017	<0.001	<0.001	<0.001	<0.001	
4/25/2017					0.00012 (J)
7/19/2017	<0.001	<0.001	<0.001	<0.001	
7/25/2017					0.00011 (J)
1/11/2018	<0.001	<0.001	<0.001	<0.001	
1/12/2018					0.00011 (J)
7/11/2018	<0.001	<0.001	<0.001	<0.001	9.5E-05 (J)
1/29/2019	<0.001	<0.001	<0.001	<0.001	
1/30/2019					0.00012 (J)
3/26/2019	<0.001	<0.001	<0.001		
3/27/2019				<0.001	<0.001
9/10/2019	0.00021 (J)		0.0002 (J)		
9/11/2019		<0.001		<0.001	0.00018 (J)
4/1/2020	0.00018 (J)	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	<0.001	<0.001	<0.001
3/16/2021	<0.001		<0.001	<0.001	
3/17/2021		<0.001			0.00016 (J)
8/17/2021	0.0006 (J)		0.00025 (J)		
8/19/2021		<0.001		<0.001	<0.001
2/22/2022	<0.001	<0.001	<0.001	<0.001	
2/23/2022					<0.001
8/2/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2023	<0.001	<0.001	<0.001		<0.001
2/8/2023				<0.001	
8/1/2023		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
8/2/2023	<0.001			<0.001	<0.001
2/6/2024	<0.001	<0.001	<0.001	<0.001	
2/7/2024					<0.001
8/13/2024	<0.001	<0.001	<0.001	<0.001	
8/14/2024					<0.001
2/4/2025	<0.001	<0.001	<0.001	<0.001	
2/5/2025					<0.001
8/4/2025	<0.001				
8/5/2025		<0.001	<0.001	<0.001	
8/6/2025					<0.001
2/2/2026	<0.001				
2/3/2026		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004	<0.001	<0.001	<0.001	<0.001	
7/11/2005	<0.001			<0.001	
7/12/2005		<0.001	<0.001		
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/24/2006	<0.001	<0.001		<0.001	
6/25/2006			<0.001		
11/28/2006			<0.001	<0.001	
11/29/2006	<0.001	<0.001			
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001		<0.001	
12/14/2007			<0.001		
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001		<0.001	<0.001	
7/10/2011		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
1/15/2014	<0.001		<0.001	<0.001	
1/16/2014		<0.001			
6/19/2015				<0.001	
6/20/2015	<0.001	<0.001	<0.001		
12/8/2015					<0.001
12/15/2015					<0.001
12/28/2015					<0.001
1/14/2016			6.1E-05 (J)		7.9E-05 (J)
1/16/2016	<0.001	<0.001		<0.001	
1/26/2016					<0.001
4/19/2016					<0.001
4/20/2016	<0.001		<0.001	<0.001	
4/21/2016		<0.001			
6/15/2016	<0.001		<0.001	<0.001	
6/16/2016		<0.001			<0.001
8/10/2016	<0.001	<0.001	<0.001	<0.001	<0.001
9/27/2016	<0.001	<0.001	<0.001	<0.001	
9/28/2016					<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	<0.001
1/12/2017	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
1/16/2017					<0.001
3/1/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/20/2017	<0.001			<0.001	
4/24/2017		<0.001	<0.001		
4/25/2017					<0.001
7/19/2017	<0.001				
7/20/2017				<0.001	
7/24/2017		<0.001	<0.001		
7/25/2017					<0.001
1/11/2018	<0.001	<0.001	<0.001	<0.001	
1/12/2018					<0.001
7/11/2018					<0.001
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					<0.001
1/30/2019	<0.001	<0.001	<0.001	<0.001	
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	0.0002 (J)	<0.001	0.00017 (J)	0.00019 (J)
4/1/2020	<0.001	0.00031 (J)		<0.001	<0.001
4/2/2020			0.00028 (J)		
9/15/2020	<0.001	<0.001	<0.001		
9/16/2020				<0.001	0.00026 (J)
3/16/2021	<0.001	0.00037 (J)		0.00022 (J)	<0.001
3/17/2021			0.00047 (J)		
8/18/2021	<0.001	<0.001	<0.001	<0.001	
8/19/2021					<0.001
2/23/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/2/2022			<0.001		
8/3/2022	<0.001	<0.001		<0.001	<0.001
2/7/2023	<0.001			<0.001	
2/8/2023		<0.001	<0.001		<0.001
8/2/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2024	<0.001	<0.001	<0.001		<0.001
2/8/2024				<0.001	
8/14/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/4/2025		<0.001			<0.001
2/5/2025	<0.001		<0.001	<0.001	
8/5/2025					<0.001
8/6/2025	<0.001	<0.001	<0.001	<0.001	
2/3/2026	<0.001		<0.001	<0.001	<0.001
2/4/2026		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.001
9/11/2004				<0.001
9/26/2004				<0.001
10/13/2004				<0.001
7/12/2005				<0.001
12/8/2005				<0.001
6/25/2006				<0.001
11/29/2006				<0.001
7/6/2007				<0.001
12/13/2007				<0.001
6/20/2008				<0.001
12/7/2008				<0.001
7/9/2009				<0.001
12/29/2009				<0.001
6/22/2010				<0.001
1/5/2011				<0.001
7/9/2011				<0.001
1/21/2012				<0.001
7/11/2012				<0.001
1/19/2013				<0.001
7/18/2013				<0.001
1/15/2014				<0.001
6/20/2015				<0.001
12/9/2015	0.0001 (J)	<0.001		
12/14/2015	9E-05 (J)	<0.001		
12/29/2015	0.0001 (J)	<0.001		
1/14/2016	0.000118 (J)	<0.001		<0.001
1/25/2016	0.000102 (J)	<0.001		
4/19/2016				<0.001
4/21/2016	<0.001	<0.001		
6/15/2016				<0.001
6/16/2016	5.2E-05 (J)	2.7E-05 (J)	<0.001	
8/10/2016	<0.001	<0.001	<0.001	<0.001
9/27/2016	<0.001	0.00016 (J)		<0.001
9/28/2016			<0.001	
11/15/2016	<0.001	<0.001		<0.001
11/16/2016			<0.001	
1/12/2017		<0.001		
1/13/2017	<0.001			<0.001
1/17/2017			<0.001	
3/1/2017	<0.001	<0.001		<0.001
3/2/2017			<0.001	
4/24/2017		<0.001		<0.001
4/25/2017	<0.001		<0.001	
7/13/2017			<0.001	
7/24/2017				<0.001
7/25/2017	<0.001	<0.001	9E-05 (J)	
1/11/2018		<0.001		
1/12/2018	<0.001		0.00011 (J)	<0.001
7/11/2018	<0.001	<0.001		
7/12/2018			0.0001 (J)	<0.001
1/29/2019	<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
1/30/2019		<0.001	0.00016 (J)	<0.001
3/27/2019	<0.001	<0.001	0.00011 (J)	<0.001
9/11/2019	0.00034 (J)	0.00041 (J)	0.00034 (J)	0.00023 (J)
4/1/2020	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	<0.001	
9/16/2020				<0.001
3/16/2021	<0.001			
3/17/2021		<0.001	<0.001	<0.001
8/19/2021	<0.001	<0.001	<0.001	<0.001
2/22/2022	<0.001			
2/23/2022		<0.001	<0.001	<0.001
8/3/2022	<0.001			<0.001
8/4/2022		<0.001	<0.001	
2/8/2023	<0.001	<0.001	<0.001	<0.001
8/2/2023	<0.001			<0.001
8/3/2023		<0.001	<0.001	
2/7/2024	<0.001	<0.001	<0.001	<0.001
8/14/2024	<0.001	<0.001	<0.001	<0.001
2/5/2025	<0.001	<0.001	<0.001	<0.001
8/5/2025	<0.001	<0.001		
8/6/2025			0.00053 (J)	<0.001
2/3/2026	<0.001			
2/4/2026		<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004	<0.005	<0.005	<0.005	<0.005	
7/11/2005	<0.005	<0.005			
7/12/2005			<0.005	<0.005	
12/7/2005	<0.005	<0.005			
12/8/2005			<0.005	<0.005	
6/23/2006	<0.005	<0.005			
6/24/2006			<0.005	<0.005	
11/28/2006	<0.005	<0.005	<0.005	<0.005	
6/19/2007	<0.005	0.0031	<0.005	<0.005	
7/6/2007	<0.005	0.0031		<0.005	
12/13/2007	<0.005	<0.005	<0.005		
12/14/2007				<0.005	
6/20/2008	<0.005	0.005	0.0033	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005	<0.005	<0.005	<0.005	
12/28/2009	<0.005	<0.005			
12/29/2009				<0.005	
12/30/2009			<0.005		
6/22/2010	<0.005	<0.005	<0.005	<0.005	<0.005
1/4/2011	<0.005		<0.005	<0.005	
1/5/2011		0.056 (O)			
7/9/2011	<0.005	0.0033		<0.005	
7/10/2011			<0.005		
1/20/2012		<0.005			
1/21/2012	<0.005		<0.005	<0.005	
7/11/2012	0.0051	<0.005	<0.005	<0.005	
1/19/2013		<0.005		<0.005	
1/20/2013	<0.005		<0.005		
7/18/2013		<0.005		<0.005	
7/19/2013	<0.005		<0.005		
1/15/2014	<0.005	<0.005		<0.005	
1/16/2014			<0.005		
7/10/2014			<0.005	<0.005	
7/11/2014	<0.005	<0.005			
1/15/2015		<0.005		<0.005	
1/16/2015	<0.005		<0.005		
6/19/2015		<0.005		0.0035 (J)	
6/20/2015	<0.005		<0.005		
12/7/2015					<0.005
12/15/2015					<0.005
12/29/2015					<0.005
1/13/2016					<0.005
1/14/2016			<0.005	<0.005	
1/16/2016	<0.005	<0.005			
1/25/2016					<0.005
6/14/2016	0.00044 (J)	0.00027 (J)	0.00028 (J)	0.00047 (J)	0.00055 (J)
1/10/2017	0.0014 (J)	0.0015 (J)	0.0014 (J)		
1/11/2017				0.0016 (J)	
1/12/2017					0.0018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
7/17/2017	<0.005				
7/18/2017		<0.005	<0.005	<0.005	<0.005
1/10/2018	<0.005	<0.005	<0.005	<0.005	<0.005
7/11/2018	<0.005	<0.005	<0.005	<0.005	<0.005
1/29/2019	<0.005	<0.005	<0.005	<0.005	0.0018 (J)
3/26/2019			0.0027	0.0015 (J)	<0.005
3/27/2019	0.0019 (J)	0.0047			
9/10/2019			0.0018	0.0018	0.0027
9/11/2019	0.0014	0.0012			
12/17/2019					0.0012
3/31/2020			<0.005	<0.005	<0.005
4/1/2020	<0.005	<0.005			
9/15/2020	<0.005	<0.005		<0.005	<0.005
9/16/2020			<0.005		
3/16/2021	<0.005	<0.005			<0.005
3/17/2021			<0.005	<0.005	
8/17/2021	<0.005	<0.005			
8/18/2021					<0.005
8/19/2021			<0.005	<0.005	
2/22/2022	0.001	<0.005		<0.005	<0.005
2/23/2022			<0.005		
8/2/2022	<0.005	<0.005		<0.005	<0.005
8/3/2022			0.00097 (J)		
2/6/2023					<0.005
2/7/2023	<0.005	<0.005	<0.005	<0.005	
8/1/2023	<0.005		<0.005	<0.005	<0.005
8/2/2023		<0.005			
2/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/13/2024		<0.005	<0.005	<0.005	<0.005
8/15/2024	<0.005				
2/3/2025			<0.005		
2/4/2025	<0.005	<0.005		<0.005	<0.005
8/5/2025	<0.005		<0.005	<0.005	<0.005
8/6/2025		<0.005			
2/2/2026		<0.005	<0.005	<0.005	<0.005
2/3/2026	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				<0.005	
1/21/2012					<0.01
7/12/2012	<0.005				
12/7/2015	<0.005	<0.005	<0.005		
12/8/2015				<0.005	0.0023 (J)
12/14/2015			<0.005	<0.005	0.0028 (J)
12/15/2015	<0.005	<0.005			
12/28/2015		<0.005	<0.005	<0.005	0.0024 (J)
12/29/2015	<0.005				
1/13/2016	<0.005	<0.005	<0.005	<0.005	
1/14/2016					0.0022 (J)
1/25/2016	<0.005	<0.005	<0.005		
1/26/2016				<0.005	0.0022 (J)
6/14/2016	0.00033 (J)				
6/15/2016		0.0003 (J)	0.00015 (J)	0.00047 (J)	
6/16/2016					0.0041 (J)
1/11/2017	<0.005	0.0017 (J)	0.0015 (J)	<0.005	0.003
7/19/2017	<0.005	<0.005	<0.005	<0.005	
7/25/2017					0.0055
1/11/2018	<0.005	<0.005	<0.005	<0.005	
1/12/2018					0.0022 (J)
7/11/2018	<0.005	<0.005	<0.005	<0.005	0.0016 (J)
1/29/2019	<0.005	<0.005	<0.005	<0.005	
1/30/2019					0.0042
3/26/2019	<0.005	0.0041	0.0019 (J)		
3/27/2019				0.004	0.0074
9/10/2019	0.002		0.0019		
9/11/2019		0.0016		0.0018	0.0037
4/1/2020	<0.005	<0.005	<0.005	<0.005	0.0024
9/15/2020	<0.005	<0.005	<0.005	<0.005	0.0022
3/16/2021	<0.005		<0.005	<0.005	
3/17/2021		<0.005			0.0026
8/17/2021	<0.005		<0.005		
8/19/2021		<0.005		0.0013	0.003
2/22/2022	<0.005	<0.005	<0.005	<0.005	
2/23/2022					0.0025
8/2/2022	<0.005	<0.005	<0.005	<0.005	0.0028
2/7/2023	<0.005	<0.005	<0.005		0.0038
2/8/2023				<0.005	
8/1/2023		<0.005	<0.005		
8/2/2023	<0.005			<0.005	0.0031
2/6/2024	<0.005	<0.005	0.00063 (J)	0.00082 (J)	
2/7/2024					0.0034
8/13/2024	<0.005	<0.005	<0.005	<0.005	
8/14/2024					0.0028
2/4/2025	<0.005	<0.005	<0.005	<0.005	
2/5/2025					0.0026
8/4/2025	<0.005				
8/5/2025		<0.005	<0.005	<0.005	
8/6/2025					0.0027 (J)
2/2/2026	<0.005				
2/3/2026		<0.005	0.0014 (J)	0.0012 (J)	0.0037 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	<0.005	<0.005	<0.005	<0.005	
9/11/2004	<0.005	<0.005	<0.005	<0.005	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004		<0.005	<0.005	<0.005	
7/11/2005	<0.005			<0.005	
7/12/2005		<0.005	<0.005		
12/7/2005	<0.005	<0.005	<0.005	<0.005	
6/24/2006	<0.005	<0.005		<0.005	
6/25/2006			<0.005		
11/28/2006			<0.005	<0.005	
11/29/2006	<0.005	<0.005			
6/20/2007	<0.005	<0.005		<0.005	
6/21/2007			<0.005		
7/6/2007	<0.005	<0.005	<0.005	<0.005	
12/13/2007	<0.005	<0.005		<0.005	
12/14/2007			<0.005		
6/20/2008	<0.005	<0.005	0.0093 (O)	<0.005	
12/7/2008	<0.005	<0.005	<0.005	<0.005	
7/9/2009	<0.005				
7/10/2009		<0.005	<0.005	<0.005	
12/28/2009	<0.005			<0.005	
12/29/2009		<0.005	<0.005		
6/22/2010	<0.005	<0.005	0.0025	<0.005	
1/4/2011	<0.005	<0.005		<0.005	
1/5/2011			<0.005		
7/9/2011	0.0032		<0.005	<0.005	
7/10/2011		<0.005			
1/20/2012				<0.005	
1/21/2012	<0.005	<0.005	<0.005		
7/11/2012	<0.005	<0.005	<0.005	<0.005	
1/19/2013			<0.005	<0.005	
1/20/2013	<0.005	<0.005			
7/18/2013				<0.005	
7/19/2013	<0.005	<0.005	<0.005		
7/20/2013		<0.005			
1/15/2014	<0.005		<0.005	<0.005	
1/16/2014		<0.005			
7/10/2014		<0.005			
7/11/2014	<0.005		0.001 (J)	<0.005	
1/15/2015				<0.005	
1/16/2015	<0.005	0.00098 (J)	0.00089 (J)		
6/19/2015				<0.005	
6/20/2015	0.0017 (J)	0.0019 (J)	0.0017 (J)		
12/8/2015					0.0023 (J)
12/15/2015					0.0016 (J)
12/28/2015					0.0013 (J)
1/14/2016			0.0017 (J)		0.0014 (J)
1/16/2016	<0.005	0.0008 (J)		<0.005	
1/26/2016					0.0013 (J)
6/15/2016	0.00031 (J)		0.0018 (J)	0.0004 (J)	
6/16/2016		0.0011 (J)			0.00092 (J)
1/12/2017	0.0031	0.0087 (O)	0.01 (O)	0.0075 (O)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
1/16/2017					0.0067
7/19/2017	<0.005				
7/20/2017				0.0015 (J)	
7/24/2017		0.0027	0.0015 (J)		
7/25/2017					0.0035
1/11/2018	<0.005	<0.005	<0.005	<0.005	
1/12/2018					<0.005
7/11/2018					<0.005
7/12/2018	<0.005	<0.005	<0.005	<0.005	
1/29/2019					<0.005
1/30/2019	0.0012 (J)	0.0027	0.0024 (J)	0.0016 (J)	
3/27/2019	<0.005	0.0065 (O)	0.0016 (J)	0.0078 (O)	<0.005
9/11/2019	0.0013	0.0022	0.0025	0.0011	0.0023
4/1/2020	<0.005	0.0012		<0.005	<0.005
4/2/2020			0.0016		
9/15/2020	<0.005	<0.005	0.001		
9/16/2020				<0.005	<0.005
3/16/2021	<0.005	0.0013		<0.005	<0.005
3/17/2021			0.0015		
8/18/2021	0.0011	0.0015	0.0018	<0.005	
8/19/2021					0.0015
2/23/2022	<0.005	0.0011	0.0013	<0.005	0.00088 (J)
8/2/2022			0.0014		
8/3/2022	<0.005	0.002		0.0016	0.0022
2/7/2023	<0.005			<0.005	
2/8/2023		0.001 (J)	0.00095 (J)		0.00088 (J)
8/2/2023	0.00084 (J)	0.00096 (J)	0.0015 (J)	<0.005	<0.005
2/7/2024	<0.005	0.0015 (J)	0.0016 (J)		0.0011 (J)
2/8/2024				<0.005	
8/14/2024	<0.005	<0.005	0.0011 (J)	<0.005	<0.005
2/4/2025		0.00064 (J)			0.002
2/5/2025	<0.005		0.00086 (J)	<0.005	
8/5/2025					<0.005
8/6/2025	<0.005	<0.005	<0.005	<0.005	
2/3/2026	<0.005		0.0019 (J)	<0.005	0.0017 (J)
2/4/2026		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.005
9/11/2004				<0.005
9/26/2004				<0.005
10/13/2004				<0.005
7/12/2005				<0.005
12/8/2005				<0.005
6/25/2006				<0.005
11/29/2006				<0.005
6/20/2007				<0.005
7/6/2007				<0.005
12/13/2007				<0.005
6/20/2008				0.0037
12/7/2008				<0.005
7/9/2009				<0.005
12/29/2009				<0.005
6/22/2010				<0.005
1/5/2011				<0.005
7/9/2011				<0.005
1/21/2012				<0.005
7/11/2012				<0.005
1/19/2013				<0.005
7/18/2013				<0.005
1/15/2014				<0.005
7/10/2014				<0.005
1/16/2015				<0.005
6/20/2015				<0.005
12/9/2015	<0.005	<0.005		
12/14/2015	<0.005	<0.005		
12/29/2015	<0.005	<0.005		
1/14/2016	<0.005	<0.005		<0.005
1/25/2016	<0.005	<0.005		
6/15/2016				0.00019 (J)
6/16/2016	0.00054 (J)	0.00048 (J)	0.00063 (J)	
1/12/2017		0.0058		
1/13/2017	0.0074			0.0091 (O)
1/17/2017			0.0026	
7/24/2017				0.0027
7/25/2017	0.0034	0.0029	0.003	
1/11/2018		<0.005		
1/12/2018	<0.005		<0.005	<0.005
7/11/2018	<0.005	<0.005		
7/12/2018			<0.005	<0.005
1/29/2019	<0.005			
1/30/2019		0.0014 (J)	<0.005	<0.005
3/27/2019	0.0031	0.0049	0.0055	0.006
9/11/2019	0.0018	0.0015	0.0015	0.0015
4/1/2020	<0.005	<0.005	<0.005	<0.005
9/15/2020	<0.005	<0.005	<0.005	
9/16/2020				<0.005
3/16/2021	<0.005			
3/17/2021		<0.005	<0.005	<0.005
8/19/2021	<0.005	0.001	0.0011	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
2/22/2022	<0.005			
2/23/2022		<0.005	<0.005	<0.005
8/3/2022	0.0017			0.0016
8/4/2022		0.0019	0.00095 (J)	
2/8/2023	<0.005	<0.005	<0.005	<0.005
8/2/2023	<0.005			<0.005
8/3/2023		<0.005	0.0007 (J)	
2/7/2024	0.00081 (J)	<0.005	0.00083 (J)	0.001 (J)
8/14/2024	<0.005	<0.005	<0.005	<0.005
2/5/2025	<0.005	0.0015 (J)	<0.005	<0.005
8/5/2025	<0.005	<0.005		
8/6/2025			<0.005	<0.005
2/3/2026	0.0014 (J)			
2/4/2026		<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
8/25/2004	0.014	<0.01	<0.01	0.017	
9/11/2004	<0.01	<0.01	<0.01	<0.01	
9/26/2004	<0.01	<0.01	<0.01	<0.01	
10/13/2004	<0.01	<0.01	<0.01	<0.01	
7/11/2005	<0.01	<0.01			
7/12/2005			<0.01	<0.01	
12/7/2005	<0.01	<0.01			
12/8/2005			0.06 (O)	<0.01	
6/23/2006	0.0041	0.0042			
6/24/2006			0.0061	0.0033	
11/28/2006	0.0033	0.0048	0.0064	0.0034	
6/19/2007	0.0036	0.045	0.011	0.0037	
7/6/2007	0.0036	0.045		0.0037	
12/13/2007	<0.01	0.005	0.0061		
12/14/2007				<0.01	
6/20/2008	0.0045	0.012	0.009	0.0042	
12/7/2008	0.0031	0.042	0.0071	0.0049	
7/9/2009	0.004	0.0038	0.0059	0.0032	
12/28/2009	0.0027	<0.01			
12/29/2009				0.0031	
12/30/2009			0.0038		
6/22/2010	0.0028	<0.01	0.0044	<0.01	<0.01
1/4/2011	0.0027		0.0038	0.0029	
1/5/2011		0.057 (O)			
7/9/2011	0.0051	0.0085		0.0038	
7/10/2011			0.005		
1/20/2012		0.0057			0.0059
1/21/2012	0.004		0.0074	0.0057	
7/11/2012	0.0075	<0.01	0.0047	0.0032	
1/19/2013		<0.01		0.0032	
1/20/2013	0.0034		<0.01		
7/18/2013		0.0028		0.0027	
7/19/2013	<0.01		0.0032		
1/15/2014	0.0049	0.0047		0.0059	
1/16/2014			0.019		
7/10/2014			0.0038	0.0064	
7/11/2014	0.0038	0.0025			
1/15/2015		0.002 (J)		0.0024 (J)	
1/16/2015	0.0032		0.0045		
6/19/2015		0.0019 (J)		0.0057	
6/20/2015	0.0042		0.0023 (J)		
12/7/2015					0.0034
12/15/2015					0.003
12/29/2015					0.0028
1/13/2016					0.0025
1/14/2016			0.0024 (J)	0.0022 (J)	
1/16/2016	0.0042	0.0033			
1/25/2016					0.0022 (J)
6/14/2016	0.0043 (J)	0.0028 (J)	0.0053 (J)	0.0028 (J)	0.0042 (J)
1/10/2017	0.0084 (J)	0.0079 (J)	<0.01		
1/11/2017				0.013 (J)	
1/12/2017					<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWA-3 (bg)	GWA-4A (bg)	GWA-5 (bg)	GWA-13 (bg)
7/17/2017	<0.01				
7/18/2017		<0.01	<0.01	<0.01	<0.01
1/10/2018	<0.01	<0.01	<0.01	<0.01	<0.01
7/11/2018	<0.01	<0.01	0.0098 (J)	<0.01	<0.01
1/29/2019	0.0064 (J)	<0.01	0.0064 (J)	0.0027 (J)	<0.01
3/26/2019			0.01 (J)	<0.01	<0.01
3/27/2019	<0.01	<0.01			
9/10/2019			0.012	0.022	0.0061
9/11/2019	0.0089	0.012			
12/18/2019				0.0051	
3/31/2020			0.013	<0.01	<0.01
4/1/2020	0.0066	<0.01			
9/15/2020	0.0049 (J)	<0.01		0.0049 (J)	0.0037 (J)
9/16/2020			0.011		
3/16/2021	0.0045 (J)	0.0035 (J)			<0.01
3/17/2021			0.0039 (J)	0.0041 (J)	
8/17/2021	0.004 (J)	<0.01			
8/18/2021					<0.01
8/19/2021			0.004 (J)	<0.01	
2/22/2022	0.0055	<0.01		<0.01	<0.01
2/23/2022			<0.01		
8/2/2022	0.0074	0.033		0.0051	<0.01
8/3/2022			0.012		
2/6/2023					<0.01
2/7/2023	0.0051	0.0032 (J)	0.0031 (J)	0.0037 (J)	
8/1/2023	0.0061		0.0047 (J)	0.0028 (J)	0.0032 (J)
8/2/2023		<0.01			
2/6/2024	0.0041 (J)	<0.01	0.0029 (J)	<0.01	0.0045 (J)
8/13/2024		0.0047 (J)	0.0031 (J)	0.0031 (J)	<0.01
8/15/2024	0.029				
2/3/2025			0.0039 (J)		
2/4/2025	0.0063	0.0031 (J)		0.0057	0.0033 (J)
8/5/2025	<0.01		<0.01	<0.01	<0.01
8/6/2025		<0.01			
2/2/2026		0.014	<0.01	<0.01	<0.01
2/3/2026	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-17 (bg)	GWC-18 (bg)
1/20/2012				0.0032	
1/21/2012					0.0042
7/12/2012	0.0035				
12/7/2015	0.0044	0.0052	0.0048		
12/8/2015				0.0058	0.0017 (J)
12/14/2015			0.0038	0.006	0.0028
12/15/2015	0.0031	0.0046			
12/28/2015		0.0042	0.0042	0.0058	0.0024 (J)
12/29/2015	0.0028				
1/13/2016	0.0028	0.0038	0.0036	0.0056	
1/14/2016					0.0036
1/25/2016	0.0034	0.0036	0.0033		
1/26/2016				0.0046	0.0036
6/14/2016	0.0036 (J)				
6/15/2016		0.0028 (J)	0.0032 (J)	0.0053 (J)	
6/16/2016					0.0052 (J)
1/11/2017	0.013 (J)	0.014 (J)	<0.01	0.018 (J)	0.025
7/19/2017	<0.01	<0.01	<0.01	<0.01	
7/25/2017					<0.01
1/11/2018	<0.01	<0.01	<0.01	<0.01	
1/12/2018					<0.01
7/11/2018	<0.01	<0.01	<0.01	<0.01	<0.01
1/29/2019	0.0048 (J)	0.0059 (J)	0.0024 (J)	0.0059 (J)	
1/30/2019					0.5 (O)
3/26/2019	<0.01	<0.01	<0.01		
3/27/2019				<0.01	<0.01
9/10/2019	0.0069		0.006		
9/11/2019		0.0062		0.013	0.0058
4/1/2020	<0.01	<0.01	<0.01	0.005	<0.01
9/15/2020	0.024	0.0033 (J)	0.0033 (J)	0.0052	0.0032 (J)
3/16/2021	0.007		0.005	0.006	
3/17/2021		0.0063			0.0032 (J)
8/17/2021	<0.01		<0.01		
8/19/2021		<0.01		0.013	0.015
2/22/2022	0.0054	0.0057	0.0076	0.0046 (J)	
2/23/2022					<0.01
8/2/2022	0.0042 (J)	0.0039 (J)	0.0032 (J)	0.0074	0.0058
2/7/2023	0.0031 (J)	<0.01	0.0063		0.0032 (J)
2/8/2023				0.0061	
8/1/2023		0.0029 (J)	0.0032 (J)		
8/2/2023	0.003 (J)			0.012	0.0044 (J)
2/6/2024	0.0028 (J)	0.0041 (J)	0.0029 (J)	0.005	
2/7/2024					<0.01
8/13/2024	<0.01	0.0035 (J)	0.0077	0.0056	
8/14/2024					<0.01
2/4/2025	0.0049 (J)	0.0028 (J)	0.0034 (J)	0.0067	
2/5/2025					0.0028 (J)
8/4/2025	<0.01				
8/5/2025		<0.01	<0.01	<0.01	
8/6/2025					<0.01
2/2/2026	<0.01				
2/3/2026		<0.01	<0.01	<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
8/25/2004	0.012	<0.01	<0.01	<0.01	
9/11/2004	<0.01	0.01	<0.01	0.01	
9/26/2004	<0.01	<0.01	<0.01	<0.01	
10/13/2004		<0.01	<0.01	<0.01	
7/11/2005	<0.01			<0.01	
7/12/2005		<0.01	<0.01		
12/7/2005	0.015	<0.01	<0.01	<0.01	
6/24/2006	0.0044	0.0034		0.0038	
6/25/2006			0.0025		
11/28/2006			0.0026	0.007	
11/29/2006	0.0034	0.019 (o)			
6/20/2007	0.0029	<0.01		0.0067	
6/21/2007			0.0025		
7/6/2007	0.0029	<0.01	0.0025	0.0025	
12/13/2007	<0.01	<0.01		0.0032	
12/14/2007			<0.01		
6/20/2008	0.0035	0.0039	0.0089	0.0044	
12/7/2008	0.0036	<0.01	0.041 (O)	0.0042	
7/9/2009	0.0032				
7/10/2009		<0.01	<0.01	0.0025	
12/28/2009	0.0032			0.0027	
12/29/2009		<0.01	<0.01		
6/22/2010	0.0032	<0.01	<0.01	<0.01	
1/4/2011	<0.01	<0.01		0.0033	
1/5/2011			<0.01		
7/9/2011	0.0076		<0.01	0.0043	
7/10/2011		0.0026			
1/19/2012		0.0039			
1/20/2012				0.0038	
1/21/2012	0.0034	<0.01	0.005		
7/11/2012	0.0028	<0.01	0.0025	0.0035	
1/19/2013			<0.01	0.0028	
1/20/2013	0.0032	<0.01			
7/18/2013				0.0028	
7/19/2013	0.0028	<0.01	<0.01		
7/20/2013		<0.01			
1/15/2014	0.0047		0.0034	0.0053	
1/16/2014		0.0031			
7/10/2014		0.0012 (J)			
7/11/2014	0.0041		0.0019 (J)	0.0034	
1/15/2015				0.003	
1/16/2015	0.0035	0.0017 (J)	<0.01		
6/19/2015				0.0035	
6/20/2015	0.0043	0.0036	<0.01		
12/8/2015					0.0035
12/15/2015					0.0028
12/28/2015					0.0023 (J)
1/14/2016			0.0022 (J)		0.012
1/16/2016	0.002 (J)	<0.01		0.0023 (J)	
1/26/2016					0.0034
6/15/2016	0.0027 (J)		0.0028 (J)	0.0031 (J)	
6/16/2016		<0.01			0.0026 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-19
1/12/2017	<0.01	<0.01	<0.01	<0.01	
1/16/2017					<0.01
7/19/2017	<0.01				
7/20/2017				<0.01	
7/24/2017		<0.01	<0.01		
7/25/2017					<0.01
1/11/2018	<0.01	<0.01	<0.01	<0.01	
1/12/2018					<0.01
7/11/2018					<0.01
7/12/2018	<0.01	<0.01	<0.01	<0.01	
1/29/2019					0.0051 (J)
1/30/2019	0.0031 (J)	<0.01	<0.01	<0.01	
3/27/2019	<0.01	<0.01	<0.01	<0.01	<0.01
9/11/2019	0.0088	0.0058	0.005	0.0066	0.0046 (J)
4/1/2020	0.0046 (J)	<0.01		<0.01	<0.01
4/2/2020			0.0049 (J)		
9/15/2020	0.0049 (J)	0.0043 (J)	<0.01		
9/16/2020				0.0033 (J)	0.004 (J)
3/16/2021	0.0047 (J)	<0.01		<0.01	<0.01
3/17/2021			0.0032 (J)		
8/18/2021	0.0035 (J)	<0.01	<0.01	0.0081	
8/19/2021					0.017
2/23/2022	<0.01	<0.01	<0.01	<0.01	<0.01
8/2/2022			0.0052		
8/3/2022	0.0073	0.0046 (J)		0.0071	0.0057
2/7/2023	0.0055			<0.01	
2/8/2023		<0.01	<0.01		<0.01
8/2/2023	0.0062	0.0046 (J)	0.0061	0.0036 (J)	0.0051
2/7/2024	0.0033 (J)	<0.01	<0.01		<0.01
2/8/2024				0.004 (J)	
8/14/2024	0.0029 (J)	<0.01	<0.01	0.017	<0.01
2/4/2025		<0.01			<0.01
2/5/2025	0.003 (J)		<0.01	<0.01	
8/5/2025					<0.01
8/6/2025	<0.01	<0.01	<0.01	<0.01	
2/3/2026	<0.01		<0.01	<0.01	<0.01
2/4/2026		<0.01			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-21	GWC-23	GWC-9
8/25/2004				<0.01
9/11/2004				<0.01
9/26/2004				<0.01
10/13/2004				<0.01
7/12/2005				<0.01
12/8/2005				<0.01
6/25/2006				<0.01
11/29/2006				0.0034
6/20/2007				0.0049
7/6/2007				0.0049
12/13/2007				<0.01
6/20/2008				0.006
12/7/2008				0.0043
7/9/2009				<0.01
12/29/2009				0.0061
6/22/2010				<0.01
1/5/2011				<0.01
7/9/2011				0.0077
1/21/2012				0.0032
7/11/2012				<0.01
1/19/2013				<0.01
7/18/2013				<0.01
1/15/2014				0.0036
7/10/2014				0.0024 (J)
1/16/2015				0.0055
6/20/2015				<0.01
12/9/2015	0.0035	0.0016 (J)		
12/14/2015	0.0056	0.0015 (J)		
12/29/2015	0.0084	<0.01		
1/14/2016	0.0048	0.0052		<0.01
1/25/2016	0.0069	0.0017 (J)		
6/15/2016				0.0037 (J)
6/16/2016	0.0048 (J)	0.0097 (J)	0.0098 (J)	
1/12/2017		<0.01		
1/13/2017	<0.01			<0.01
1/17/2017			<0.01	
7/24/2017				<0.01
7/25/2017	<0.01	<0.01	0.0069 (J)	
1/11/2018		<0.01		
1/12/2018	<0.01		<0.01	<0.01
7/11/2018	<0.01	<0.01		
7/12/2018			<0.01	<0.01
1/29/2019	<0.01			
1/30/2019		0.0025 (J)	0.0049 (J)	0.051 (o)
3/27/2019	<0.01	<0.01	<0.01	<0.01
9/11/2019	0.0073	0.0063	0.0086	0.0058
4/1/2020	<0.01	0.0032 (J)	0.0033 (J)	<0.01
9/15/2020	0.0044 (J)	<0.01	0.004 (J)	
9/16/2020				0.0035 (J)
3/16/2021	<0.01			
3/17/2021		<0.01	0.0033 (J)	<0.01
8/19/2021	<0.01	<0.01	0.0081	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:40 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

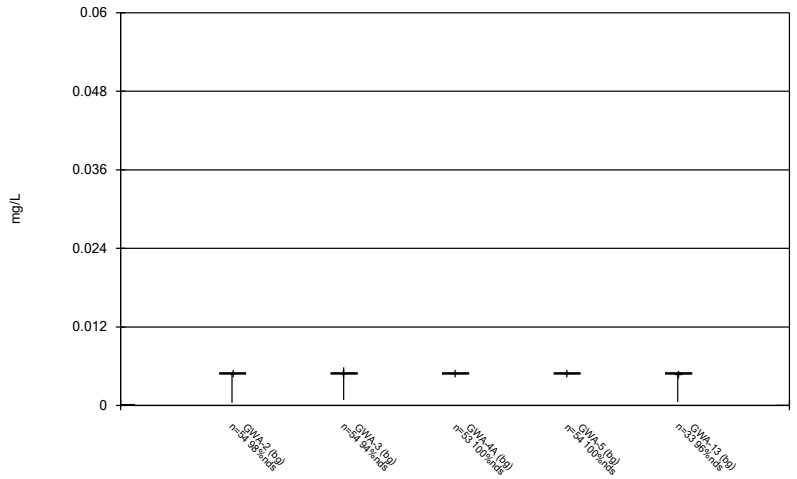
	GWC-20	GWC-21	GWC-23	GWC-9
2/22/2022	0.0034 (J)			
2/23/2022		0.004 (J)	0.017	<0.01
8/3/2022	0.0042 (J)			0.005
8/4/2022		0.016	0.016	
2/8/2023	<0.01	<0.01	0.0046 (J)	<0.01
8/2/2023	0.004 (J)			0.0032 (J)
8/3/2023		0.0047 (J)	0.0049 (J)	
2/7/2024	<0.01	<0.01	0.0035 (J)	<0.01
8/14/2024	<0.01	<0.01	<0.01	<0.01
2/5/2025	<0.01	0.0034 (J)	<0.01	<0.01
8/5/2025	<0.01	<0.01		
8/6/2025			<0.01	<0.01
2/3/2026	<0.01			
2/4/2026		<0.01	<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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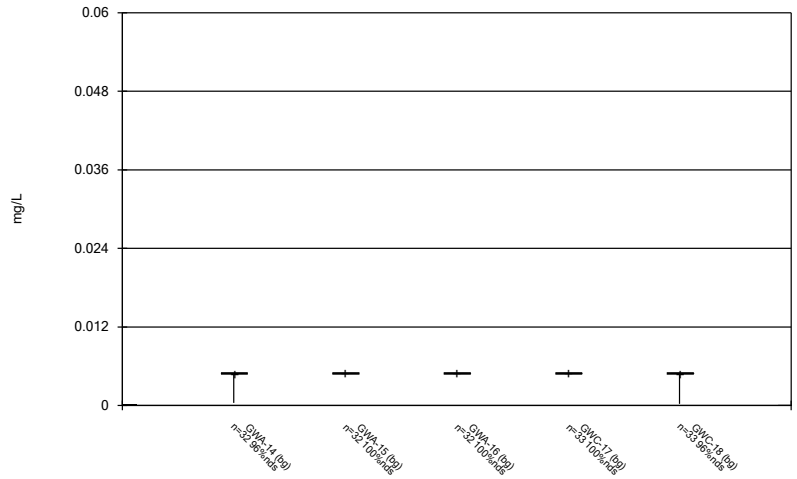
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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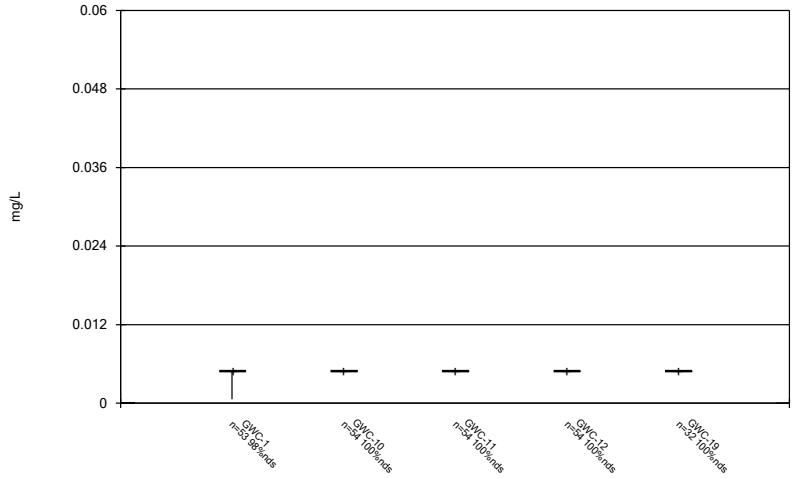
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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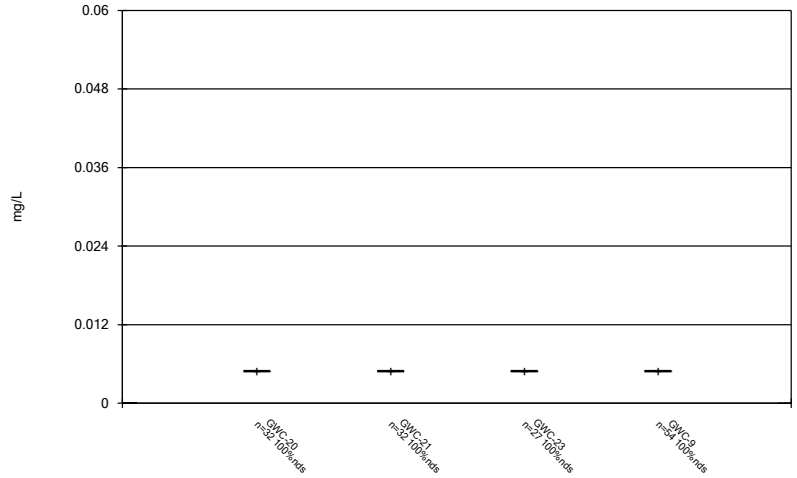
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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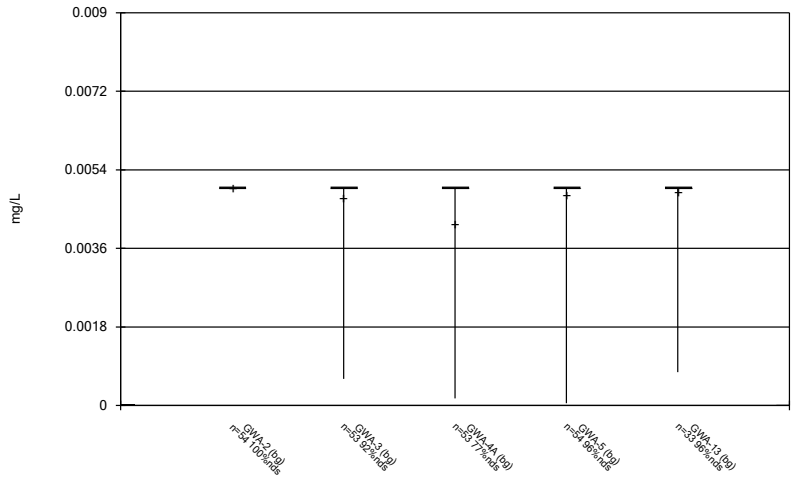
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

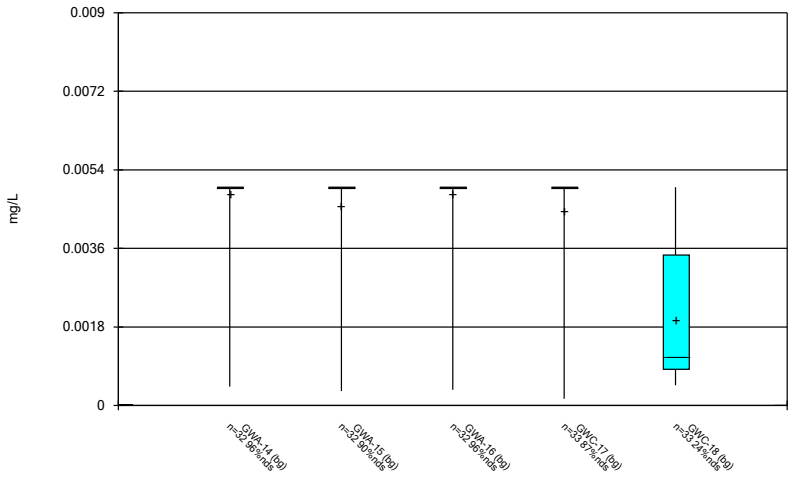


Constituent: Arsenic Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

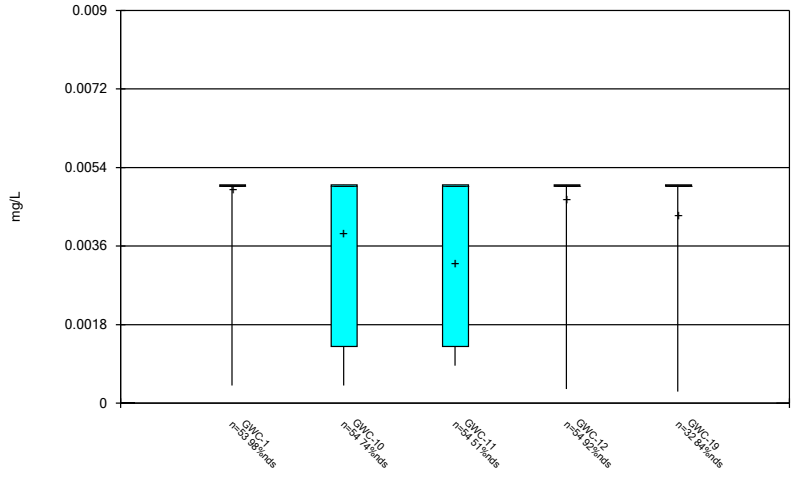


Constituent: Arsenic Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

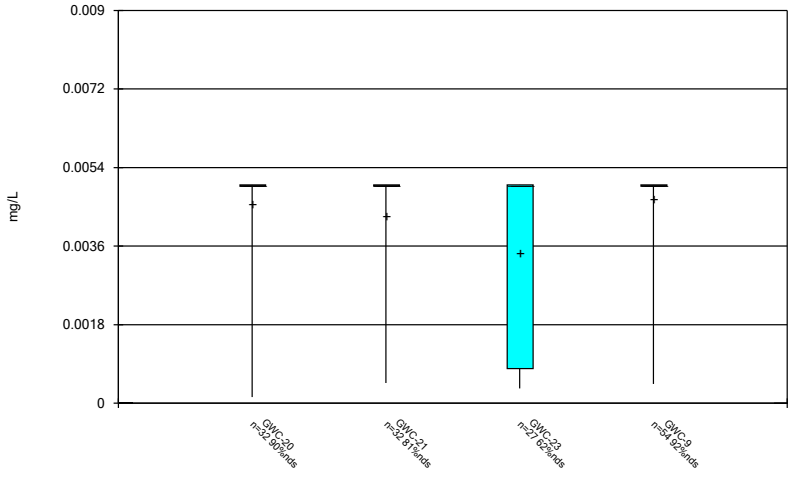


Constituent: Arsenic Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

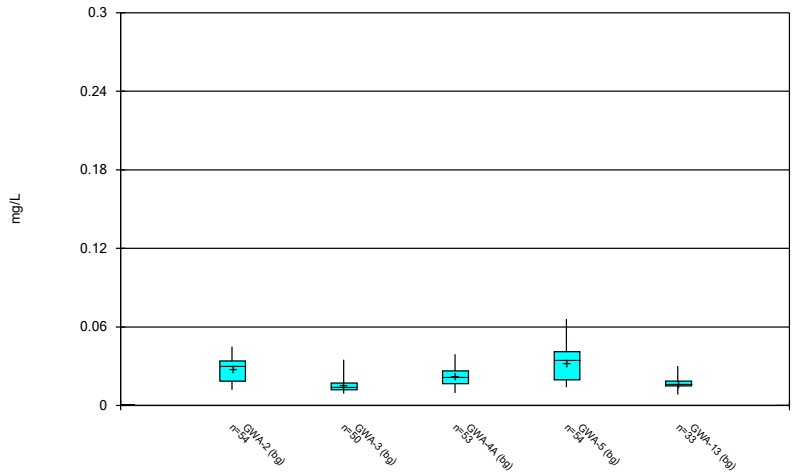


Constituent: Arsenic Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

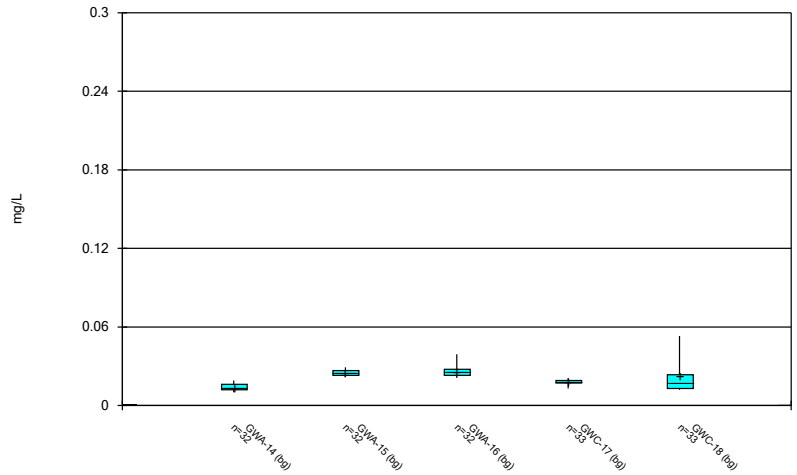


Constituent: Barium Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

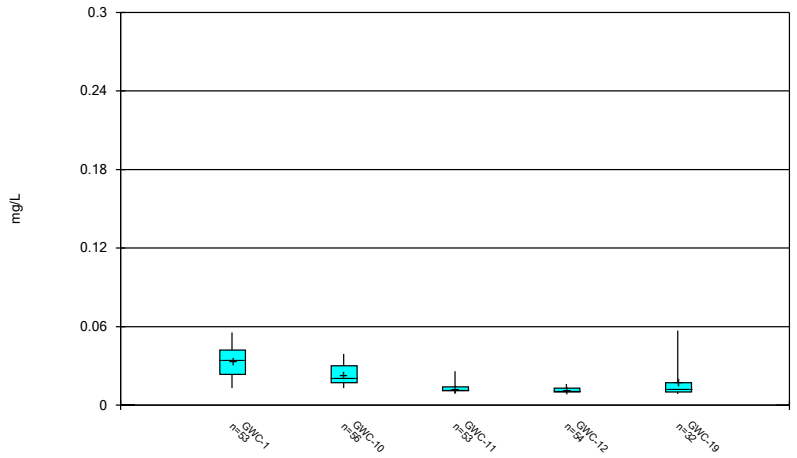


Constituent: Barium Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

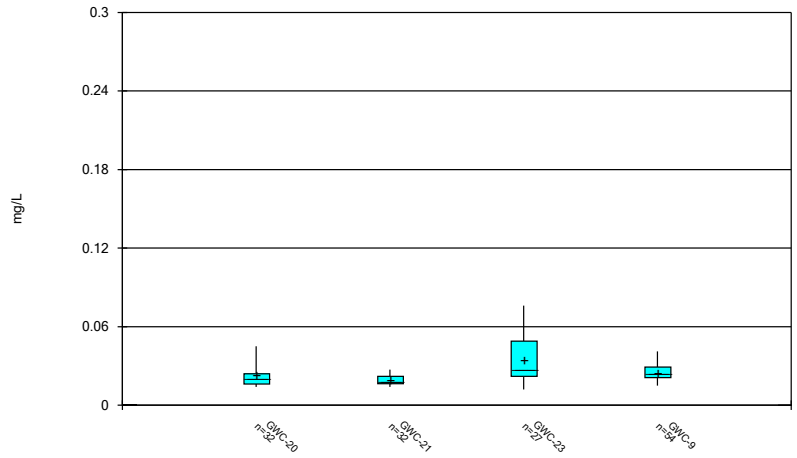


Constituent: Barium Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

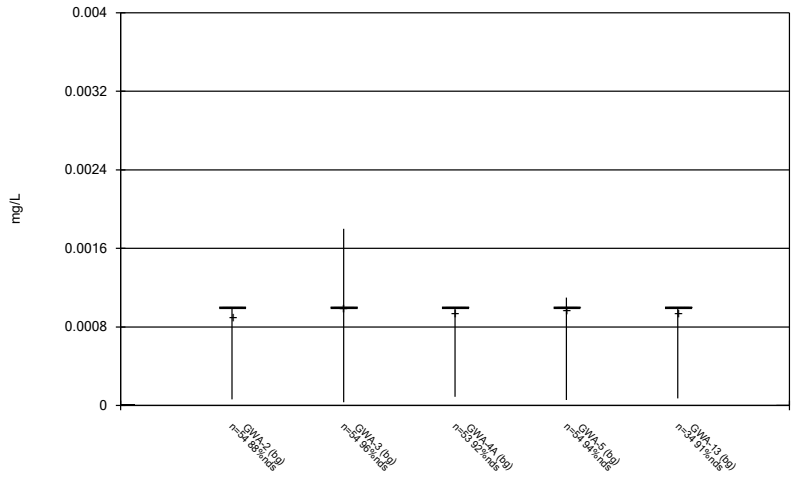


Constituent: Barium Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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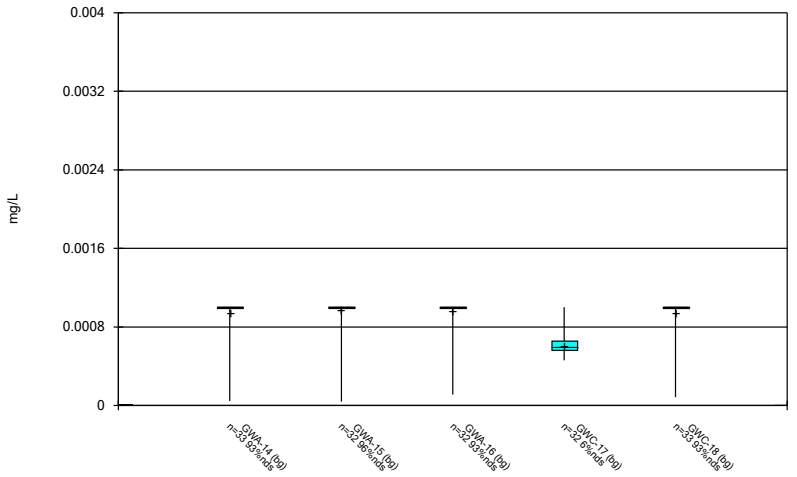
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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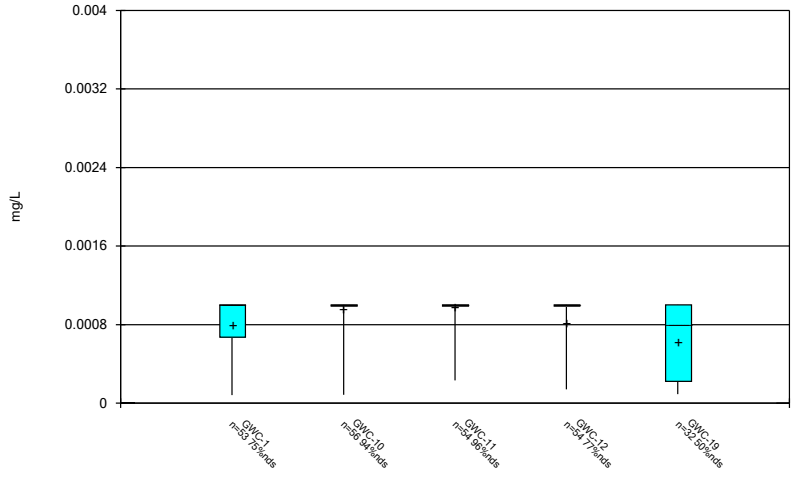
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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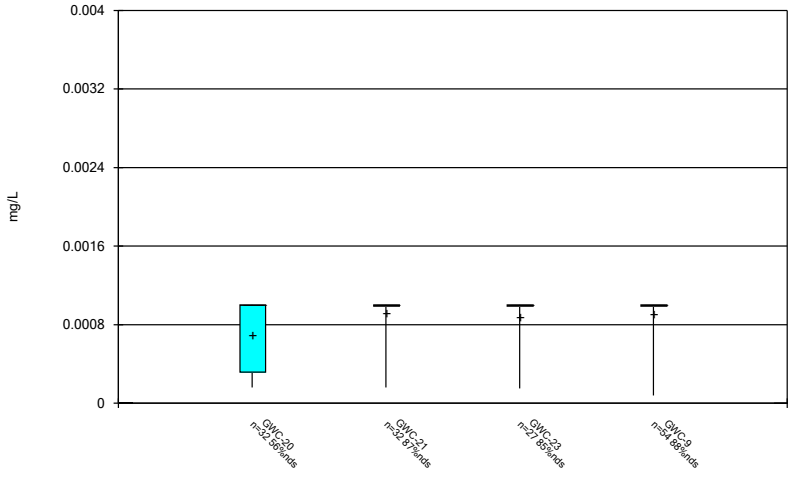
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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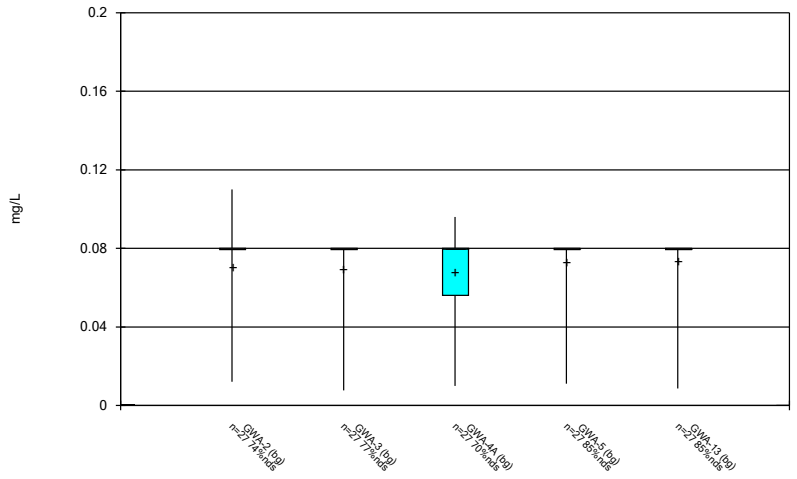
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

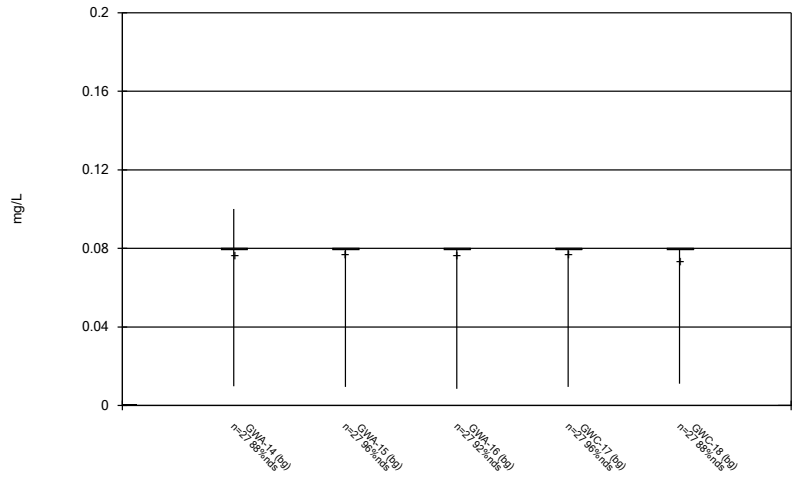


Constituent: Boron Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

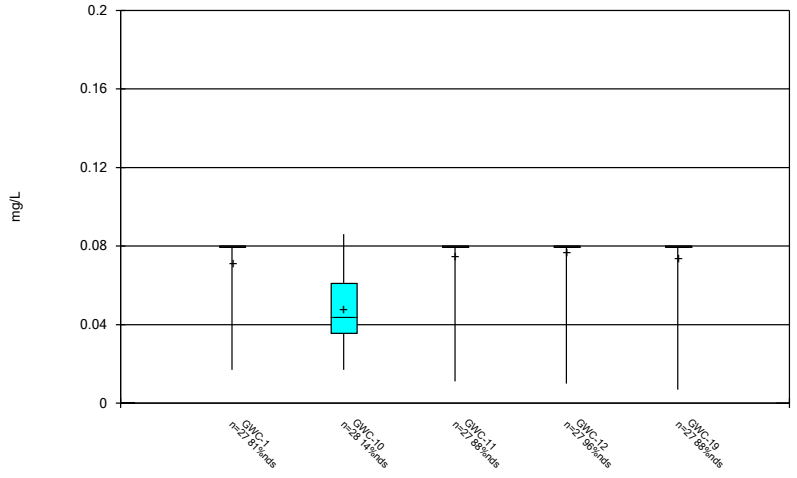


Constituent: Boron Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

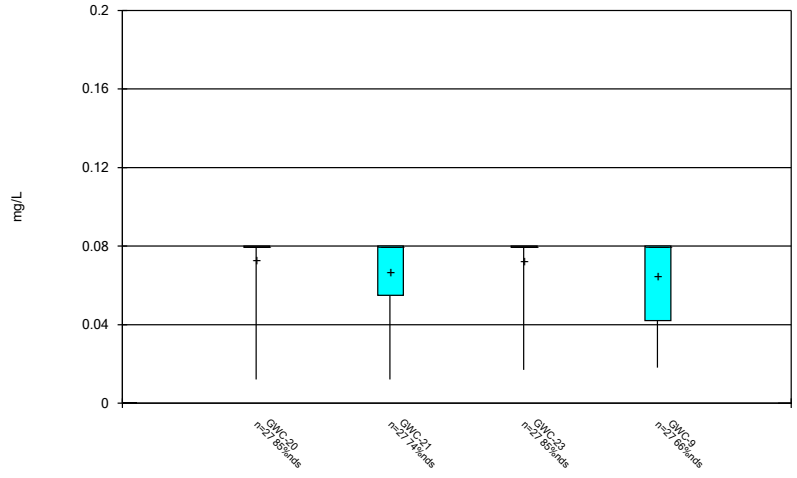


Constituent: Boron Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

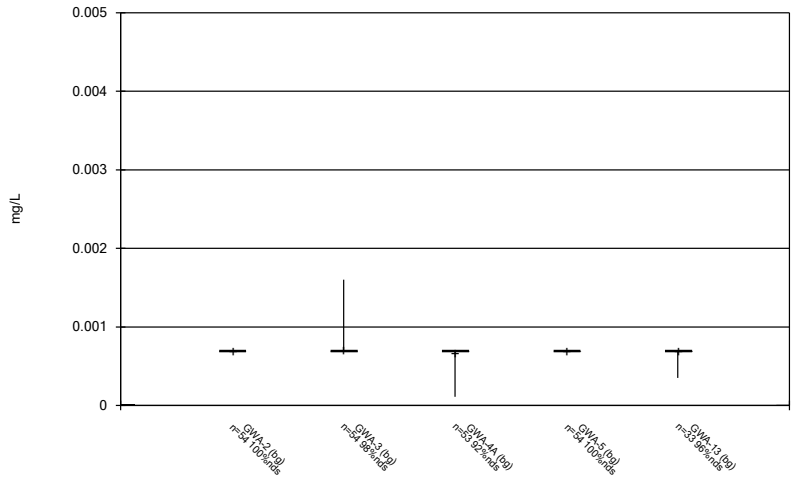


Constituent: Boron Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

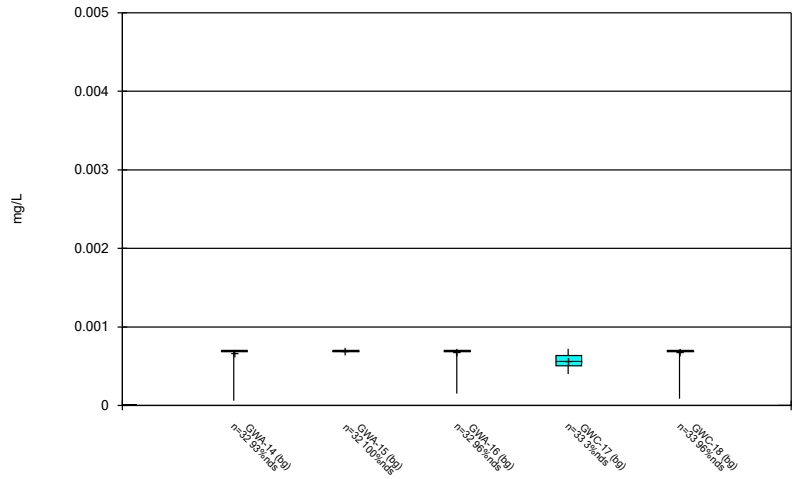


Constituent: Cadmium Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

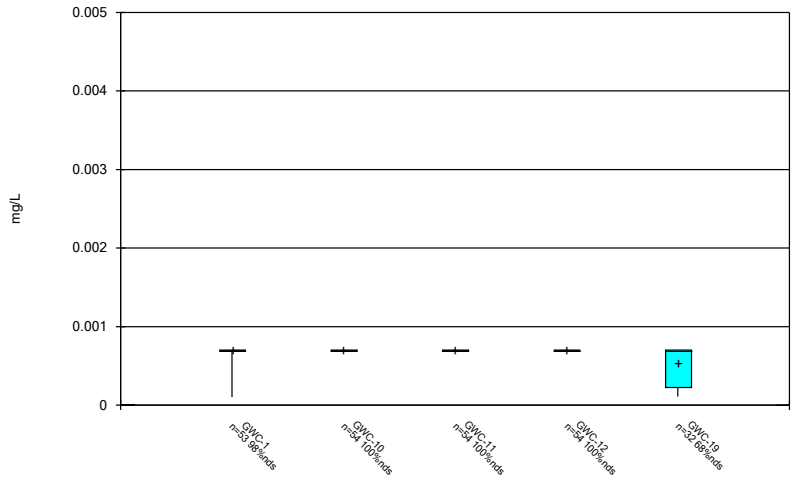


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

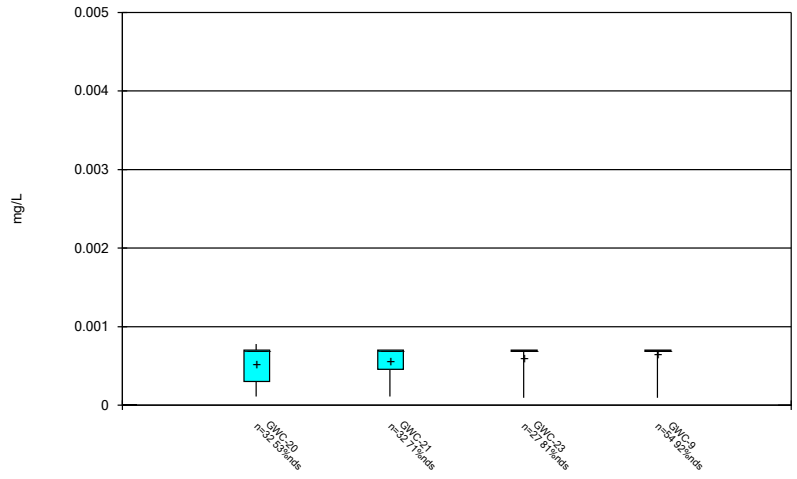


Constituent: Cadmium Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

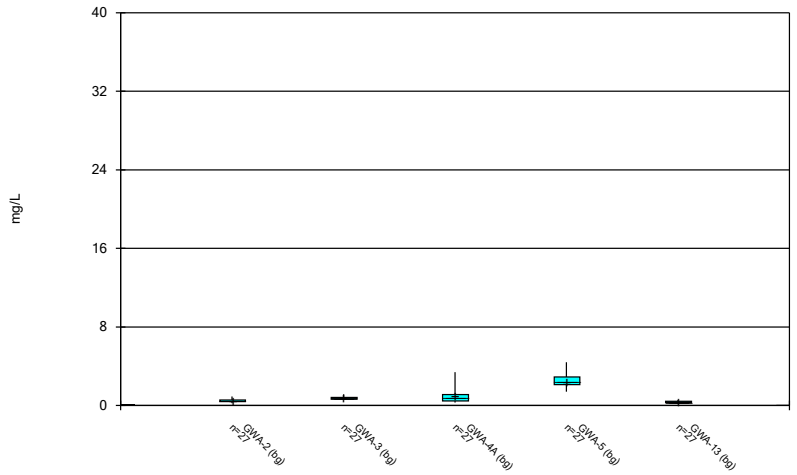


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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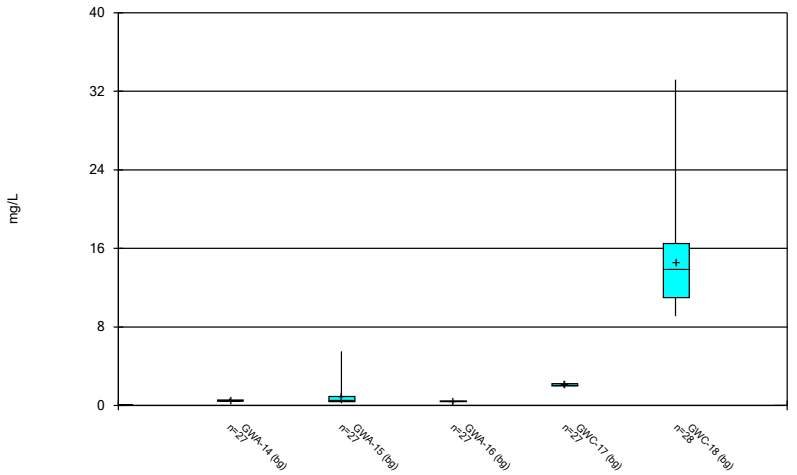
Box & Whiskers Plot



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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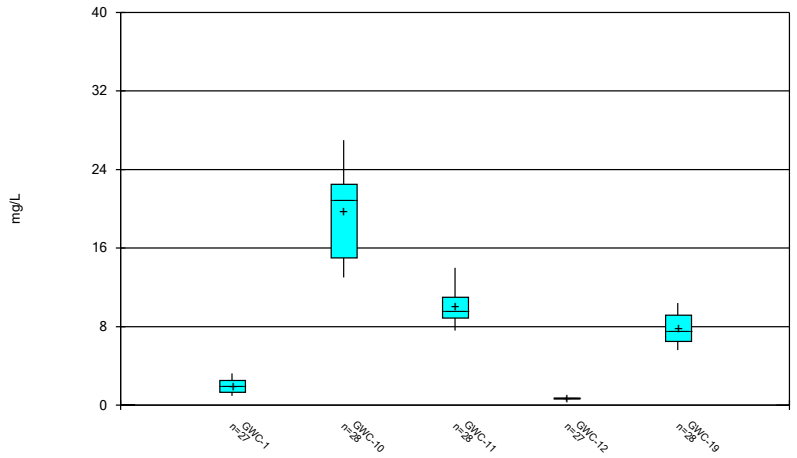
Box & Whiskers Plot



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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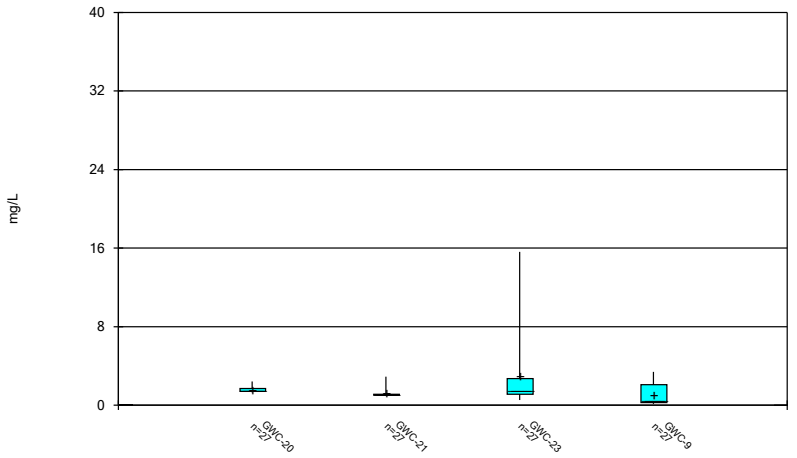
Box & Whiskers Plot



Constituent: Calcium Analysis Run 4/16/2026 8:41 AM
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Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

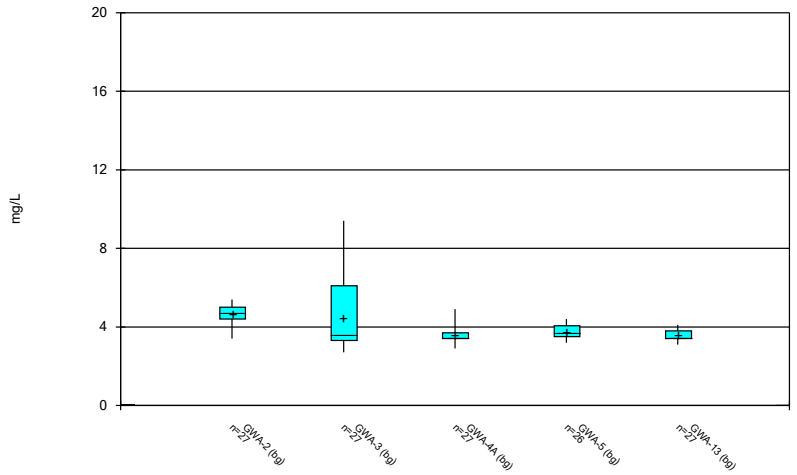
Box & Whiskers Plot



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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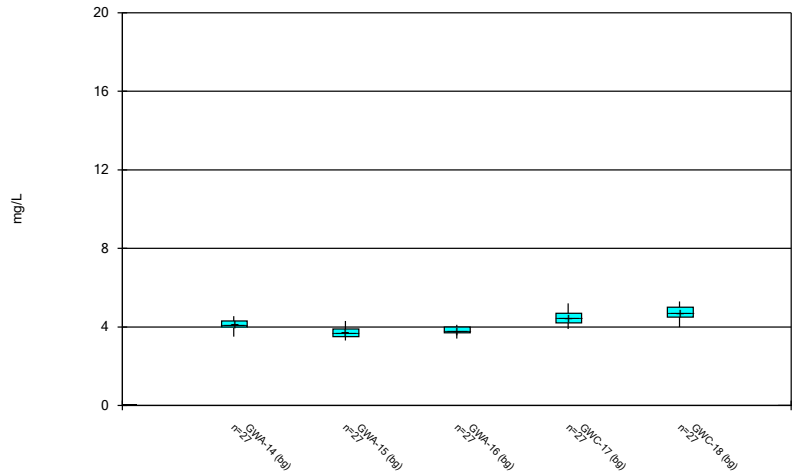
Box & Whiskers Plot



Constituent: Chloride Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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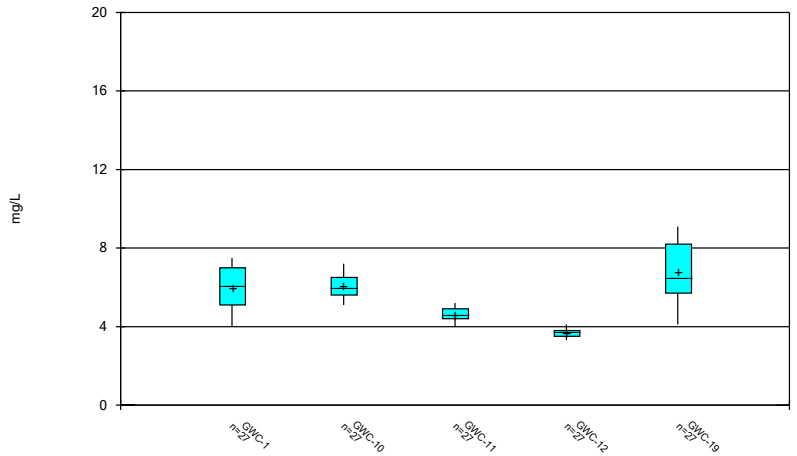
Box & Whiskers Plot



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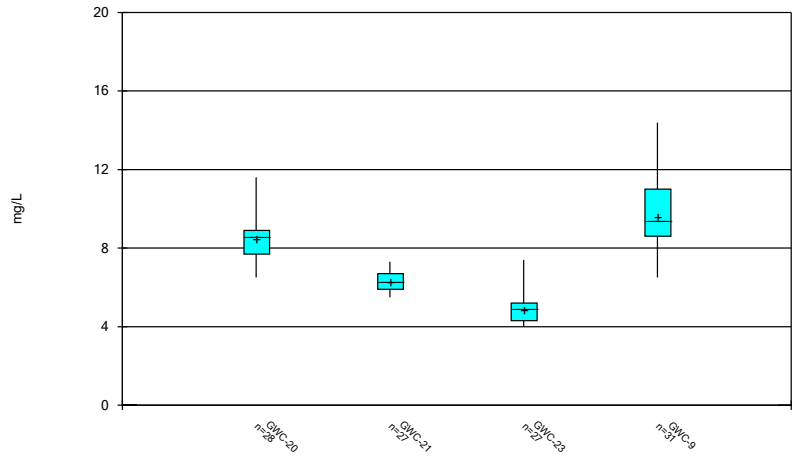
Box & Whiskers Plot



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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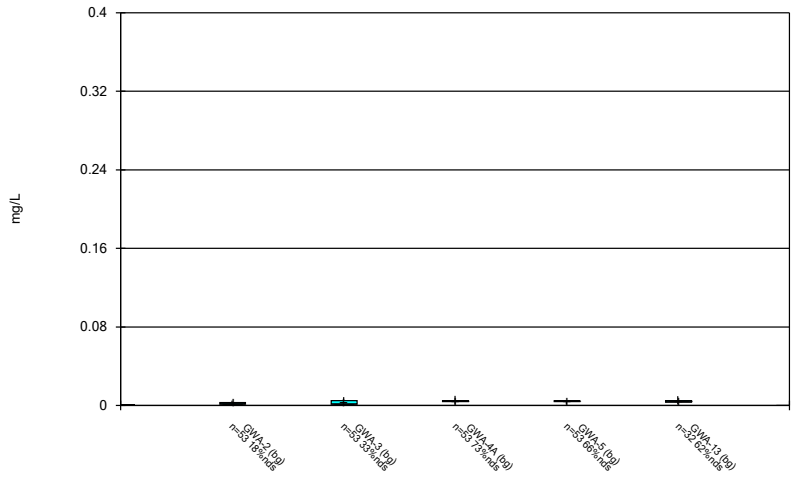
Box & Whiskers Plot



Constituent: Chloride Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

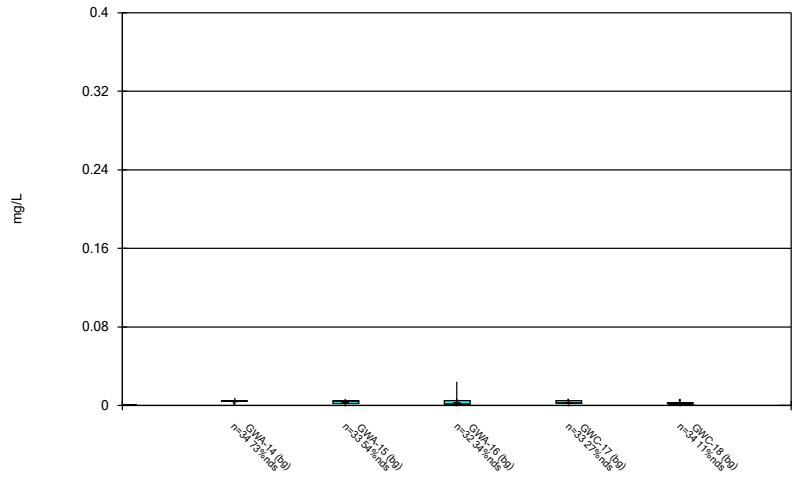


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

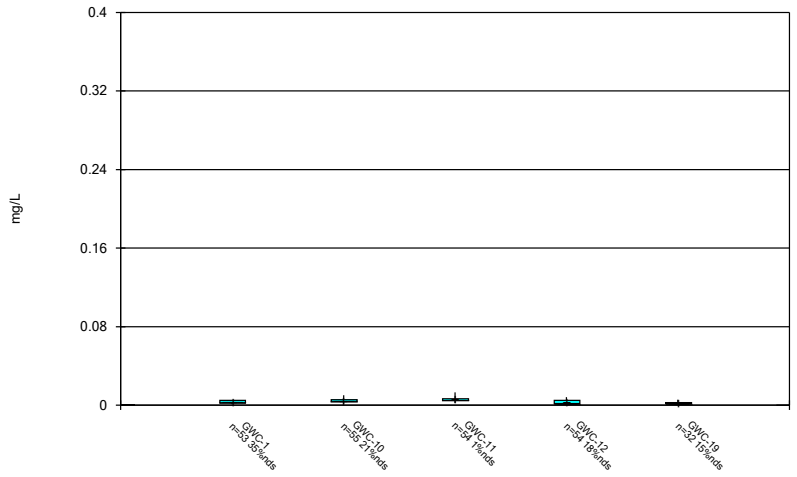


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

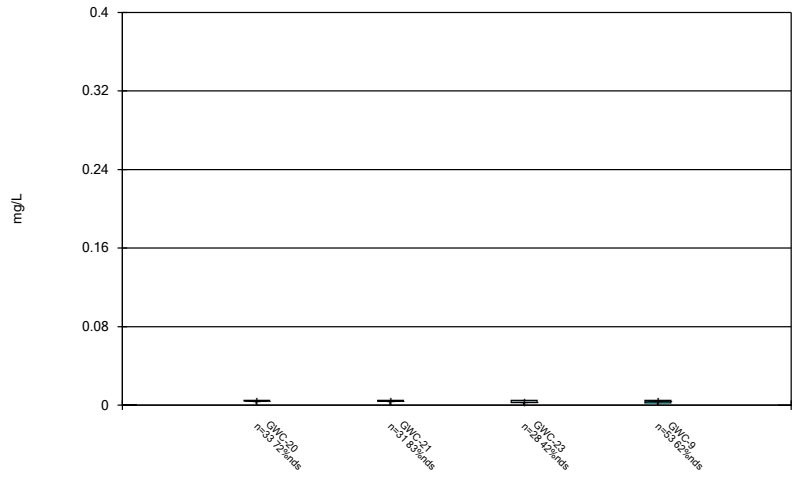


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Box & Whiskers Plot

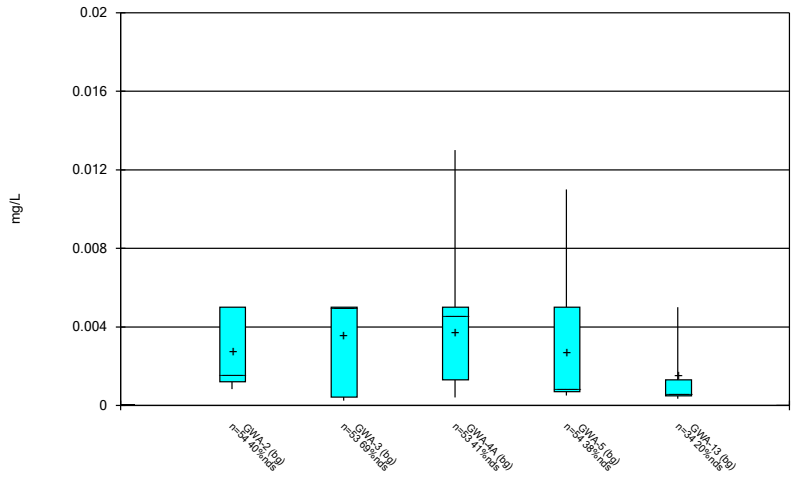


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

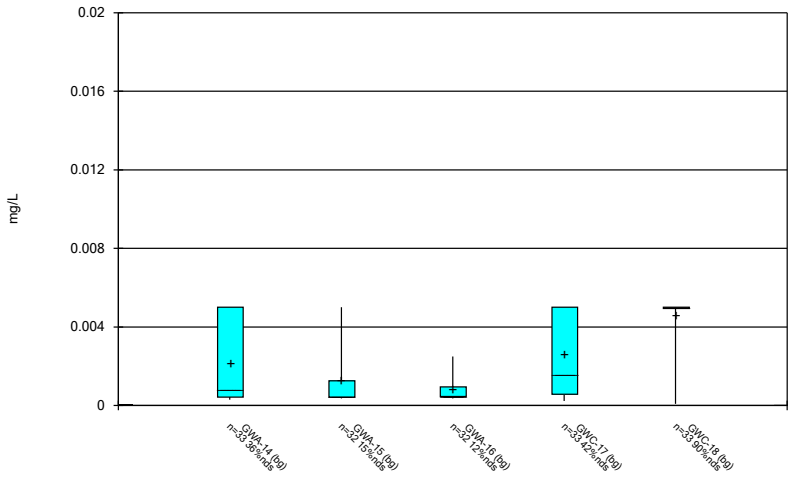


Constituent: Cobalt Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

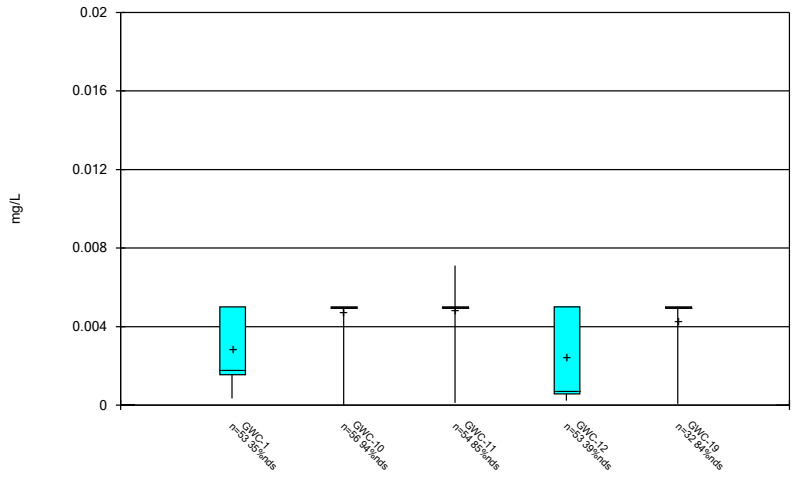


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

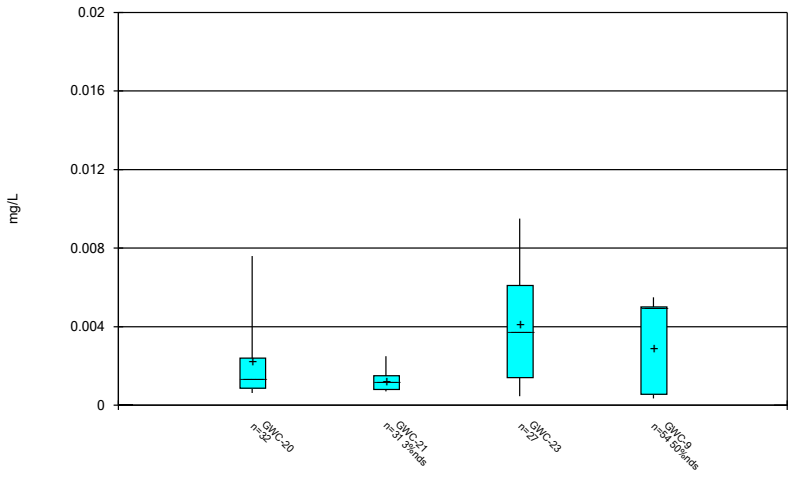


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

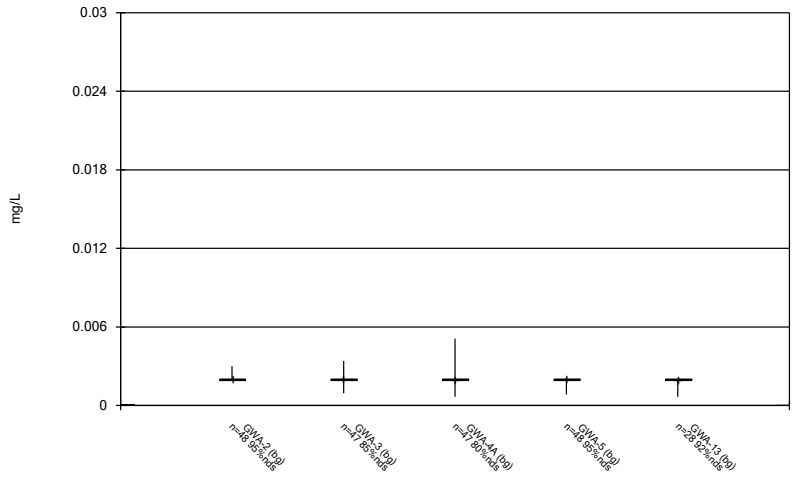


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

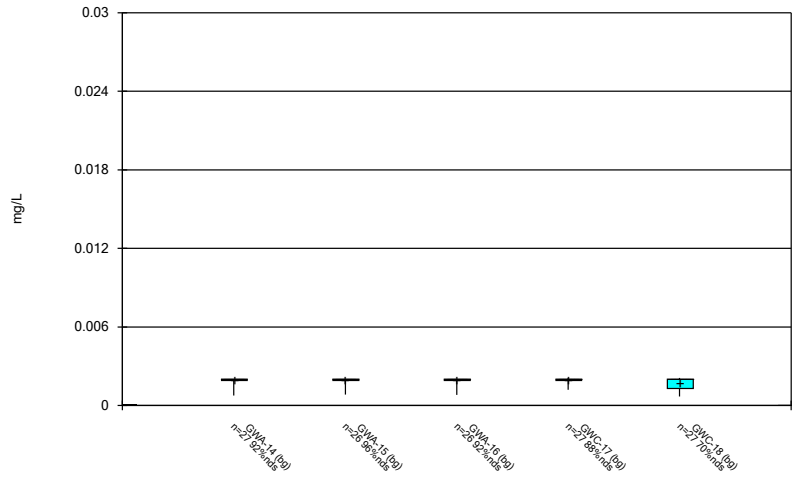


Constituent: Copper Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

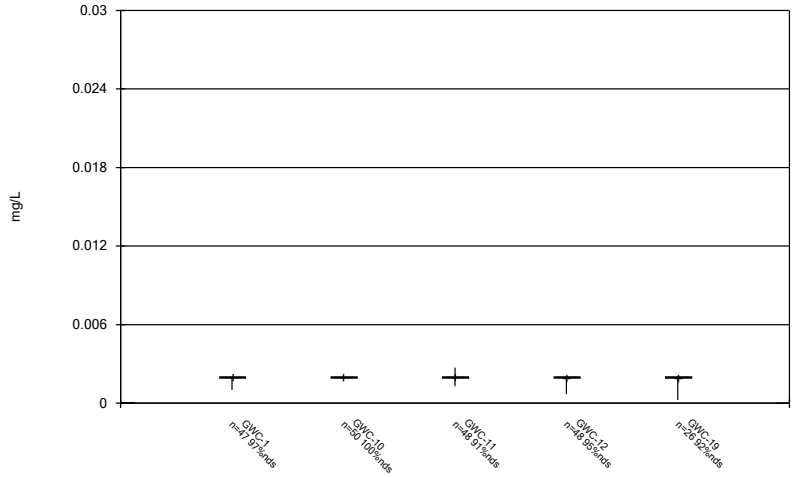


Constituent: Copper Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

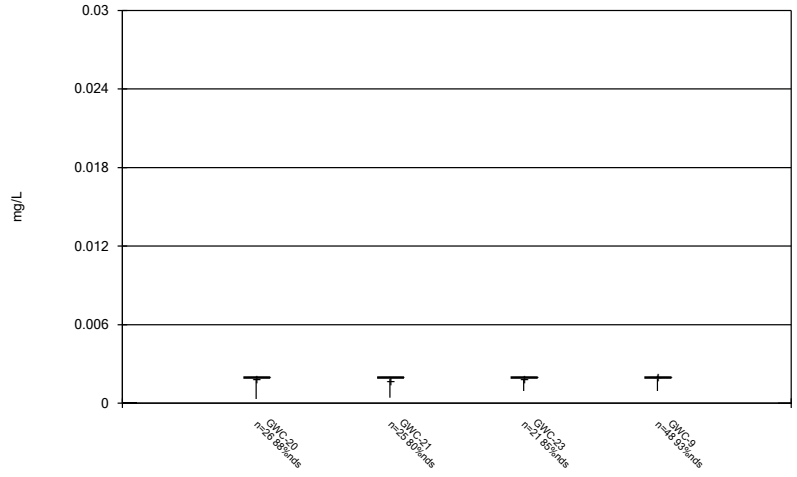


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

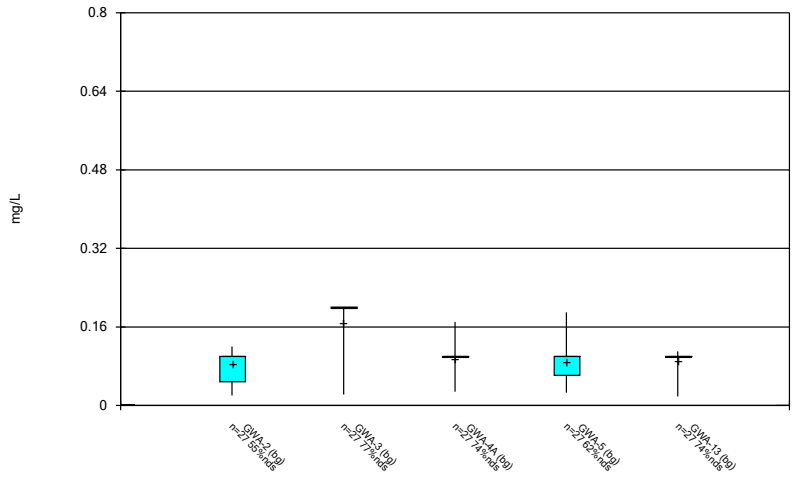


Constituent: Copper Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

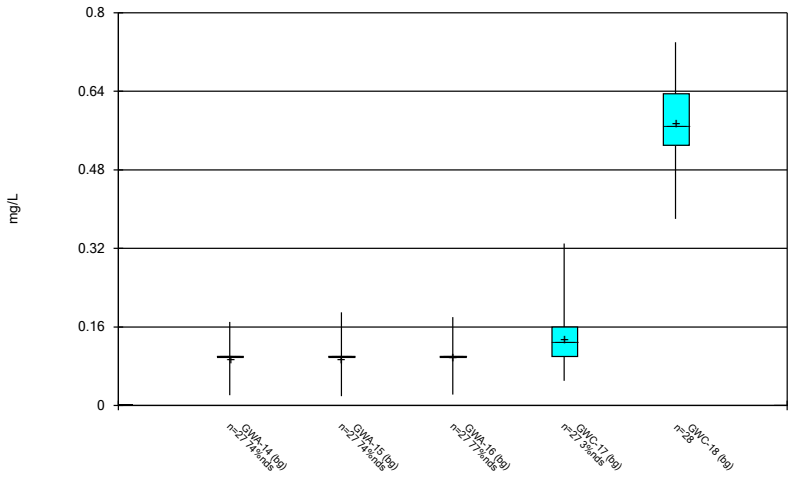


Constituent: Fluoride Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

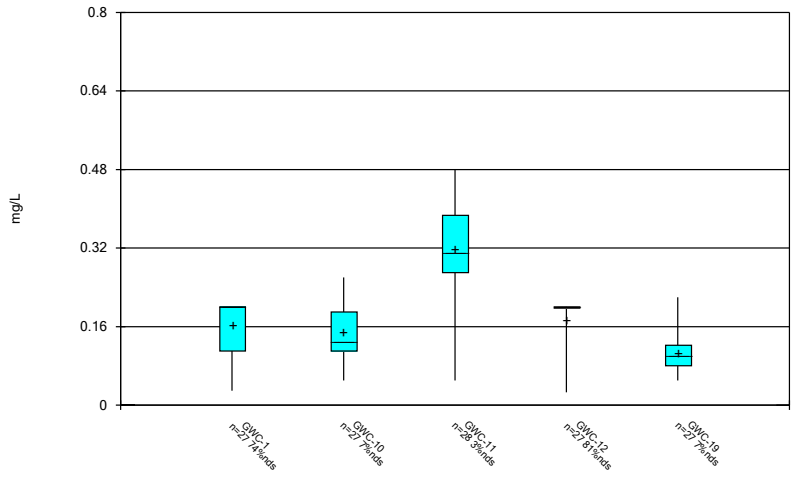


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

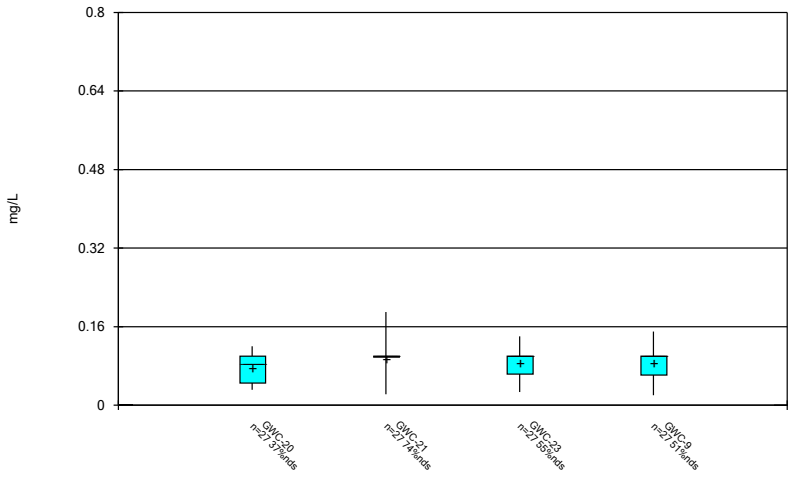


Constituent: Fluoride Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

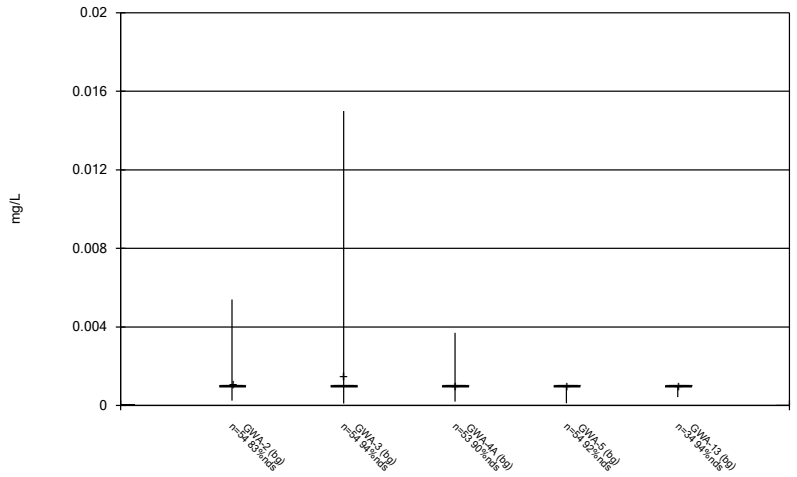


Constituent: Fluoride Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

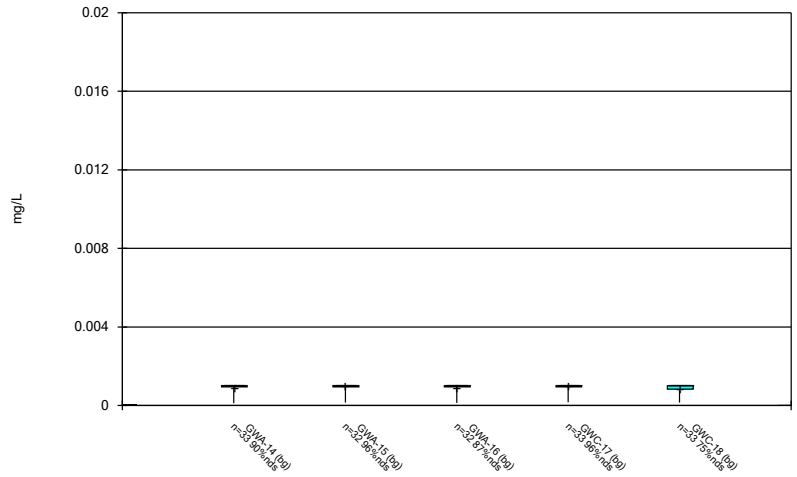


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

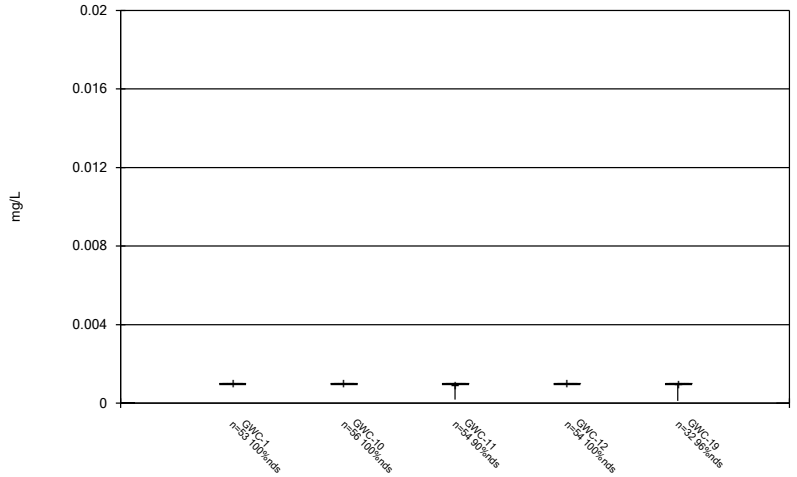


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

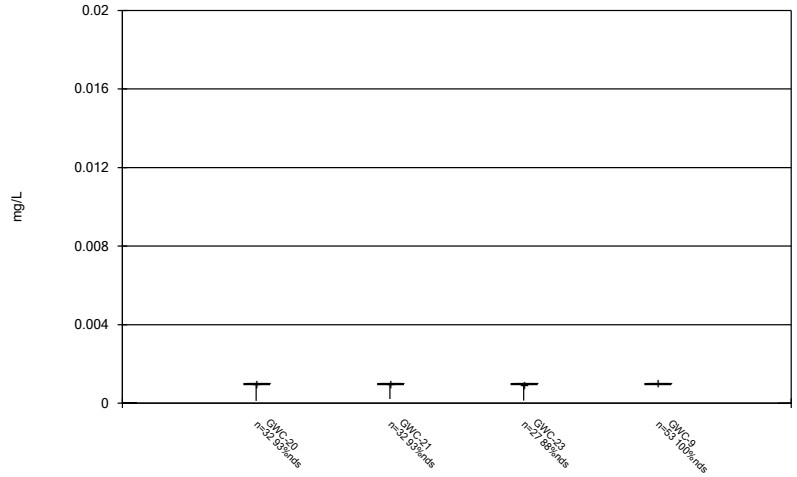


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Box & Whiskers Plot

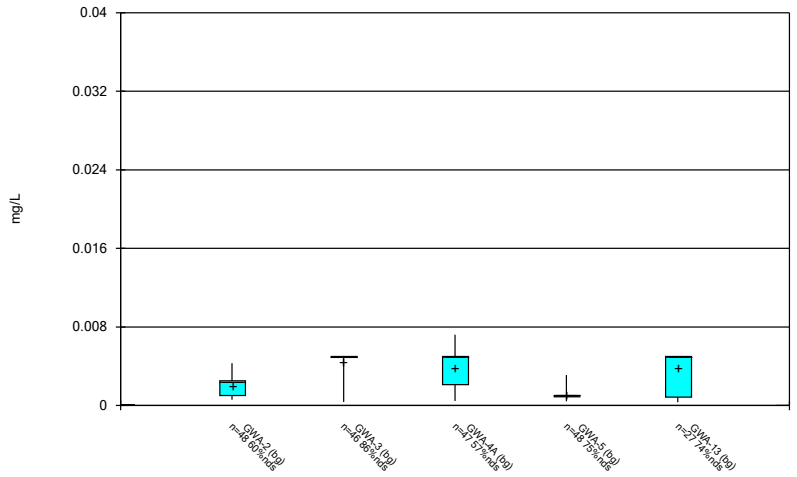


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

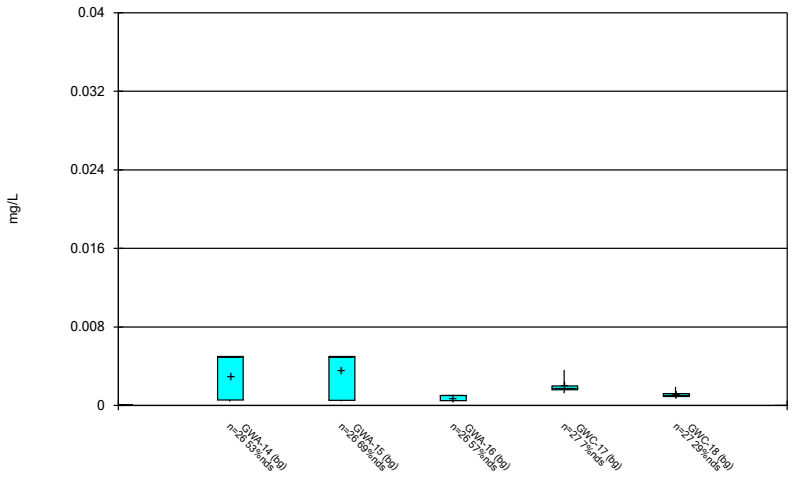


Constituent: Nickel Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

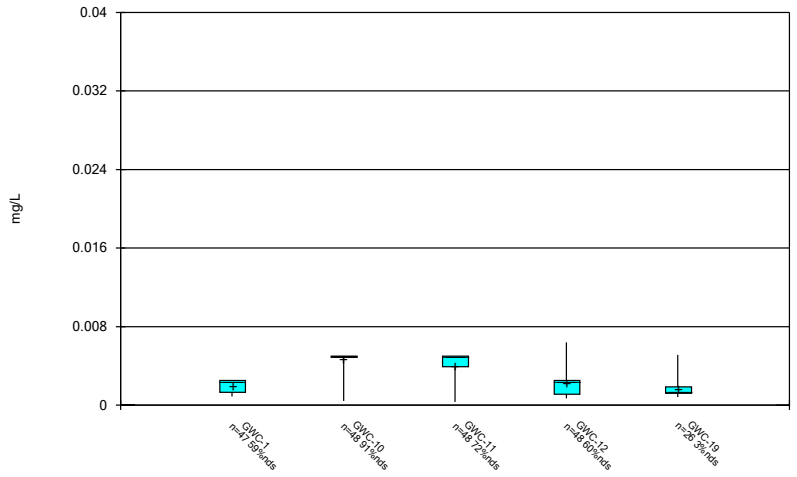


Constituent: Nickel Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

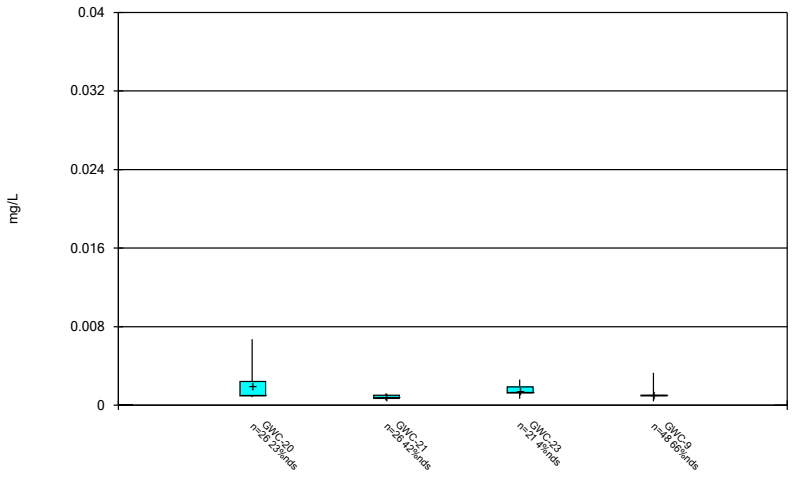


Constituent: Nickel Analysis Run 4/16/2026 8:41 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

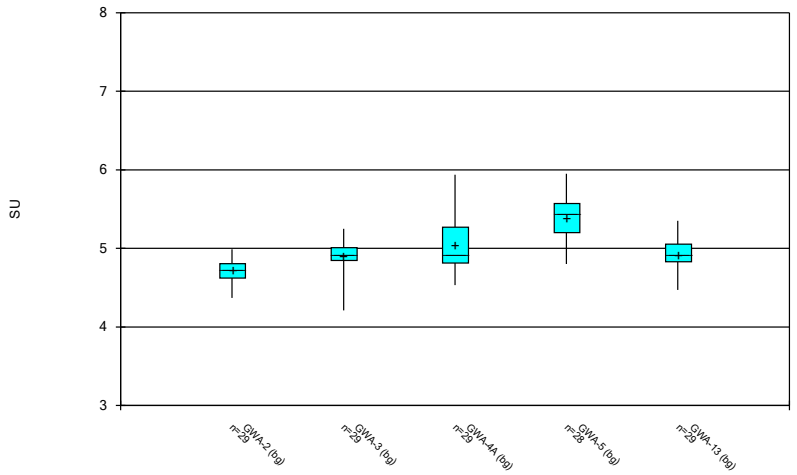


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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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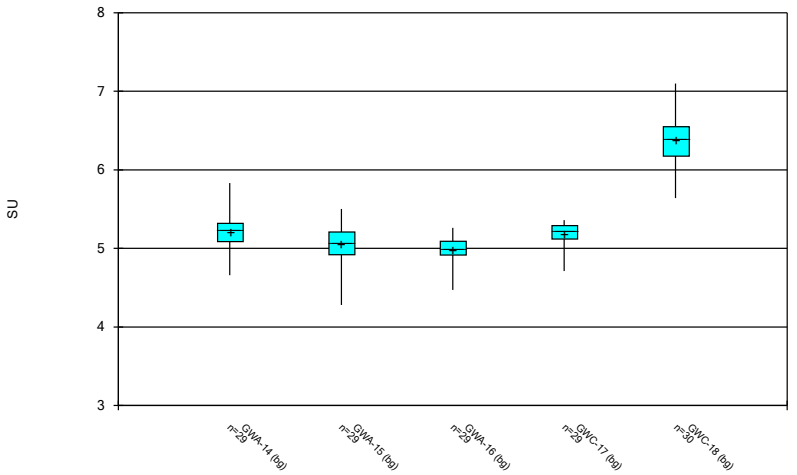
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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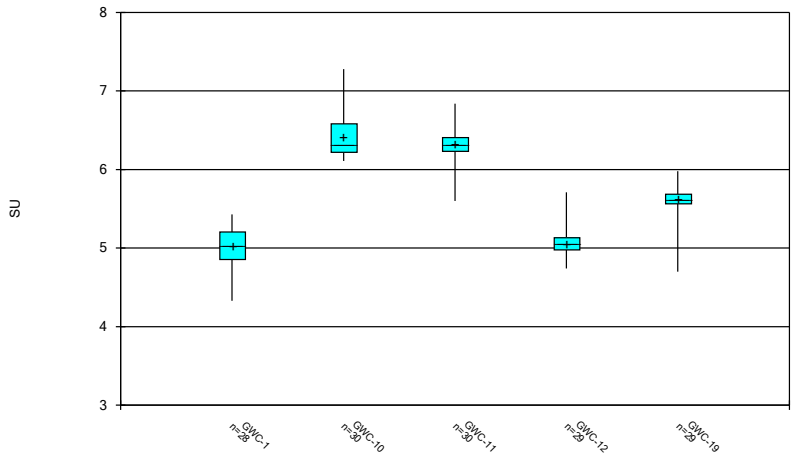
Box & Whiskers Plot



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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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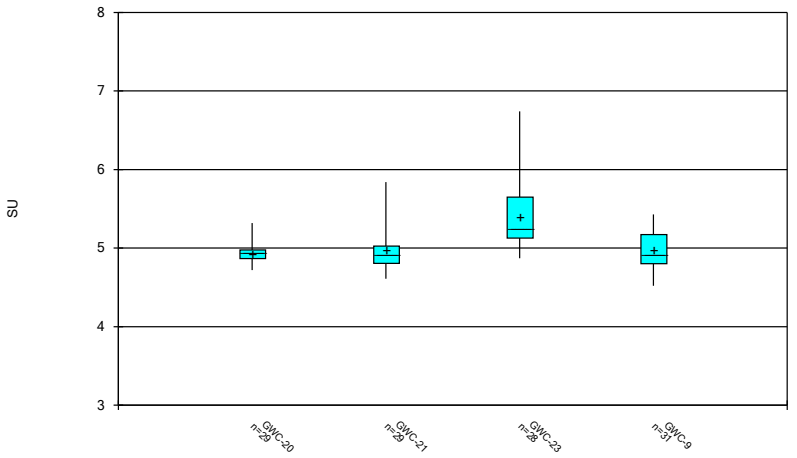
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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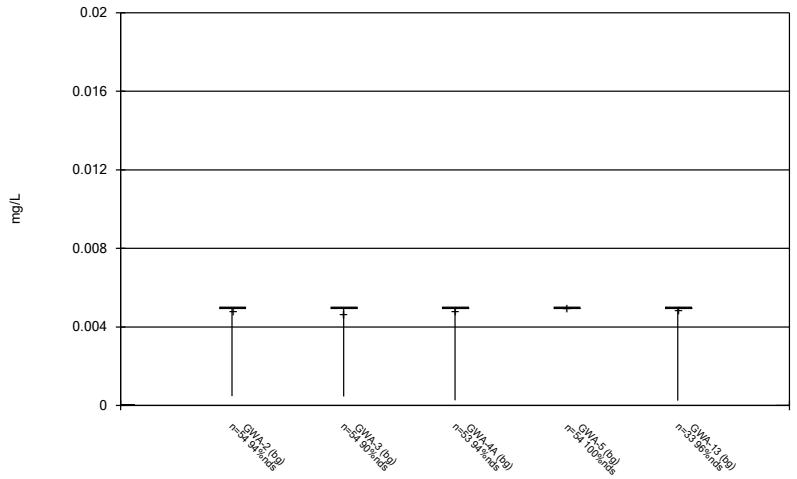
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 4/16/2026 8:41 AM
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

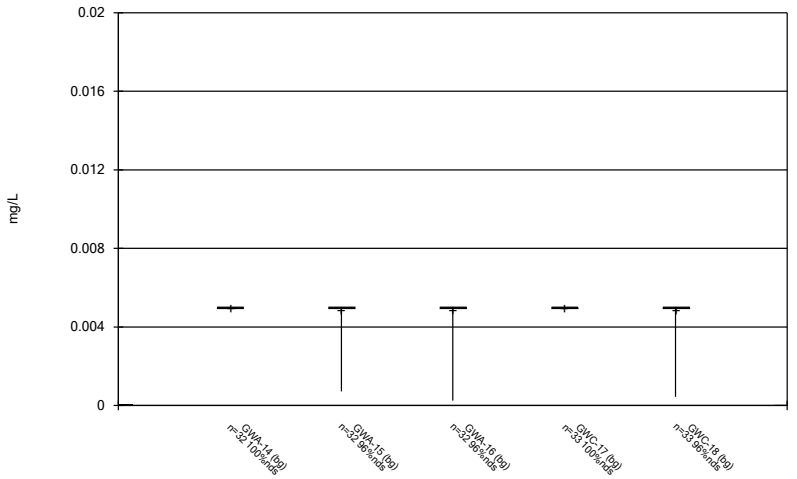


Constituent: Selenium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

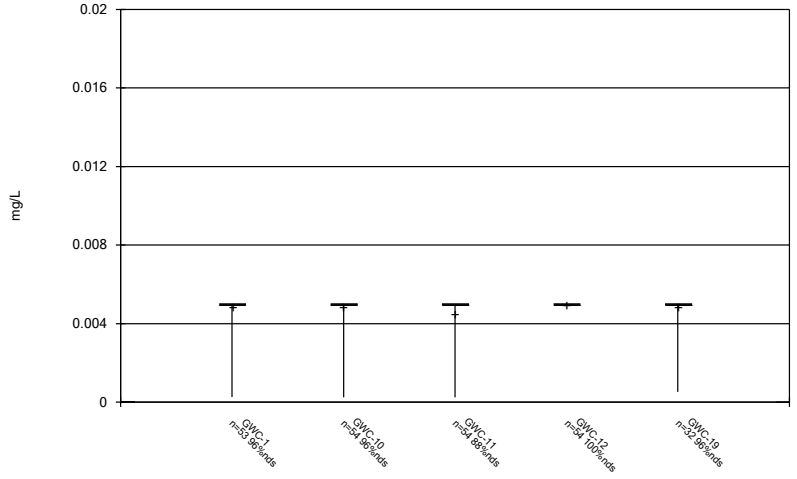


Constituent: Selenium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

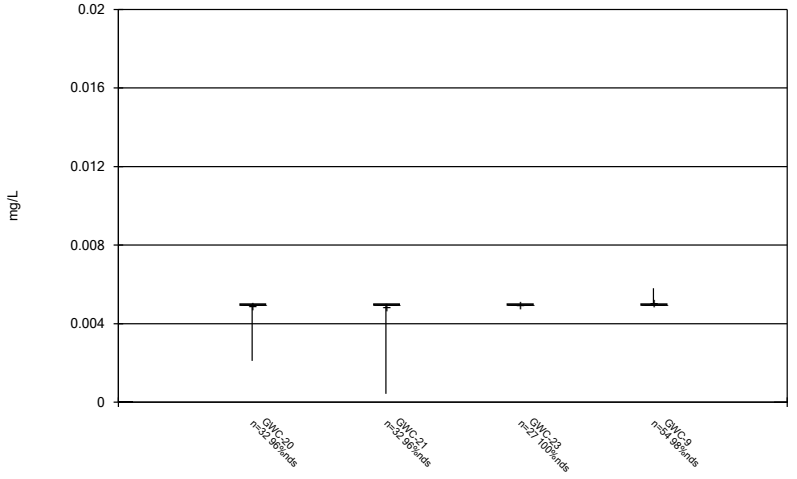


Constituent: Selenium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

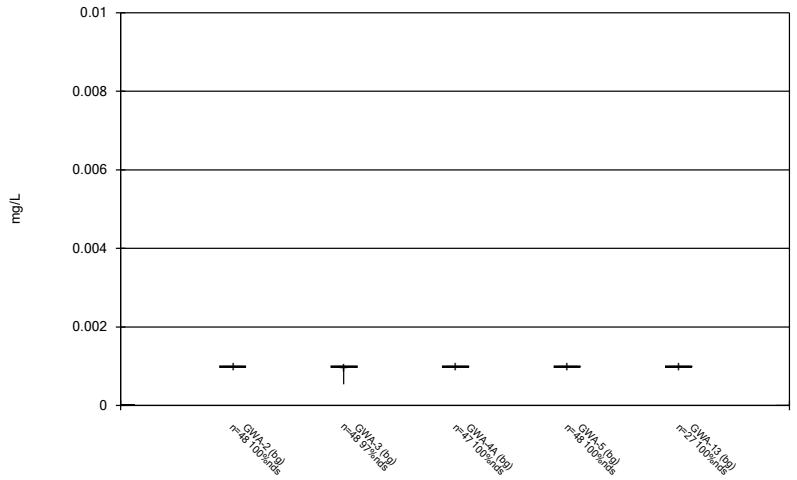


Constituent: Selenium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

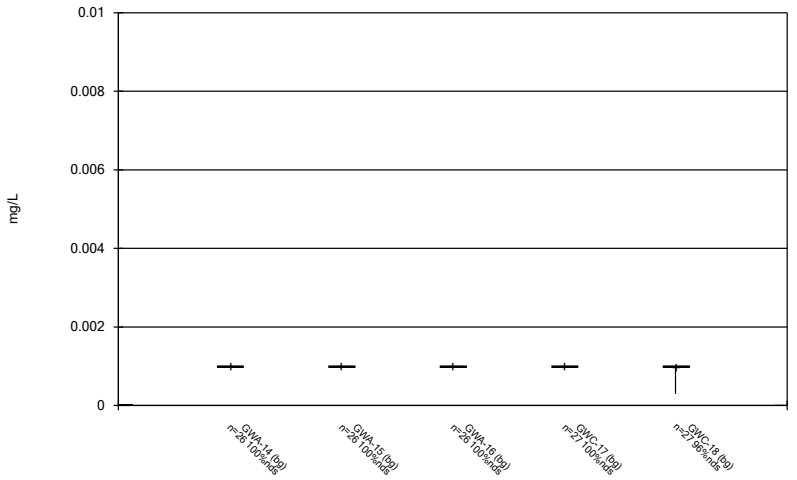


Constituent: Silver Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

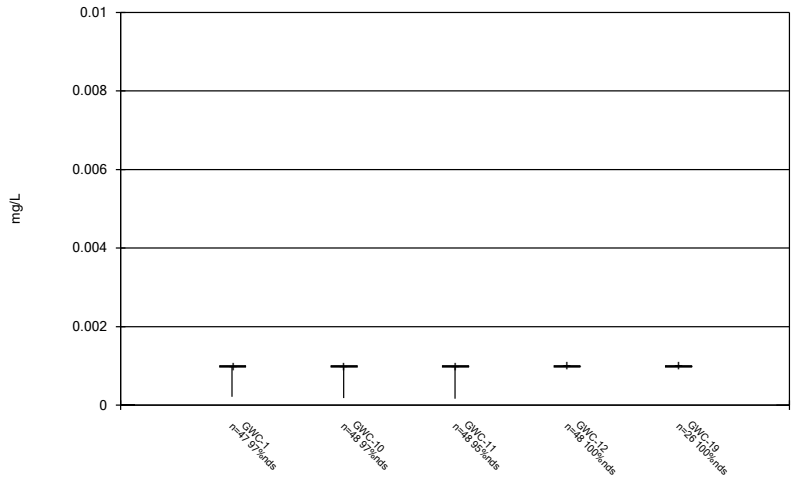


Constituent: Silver Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

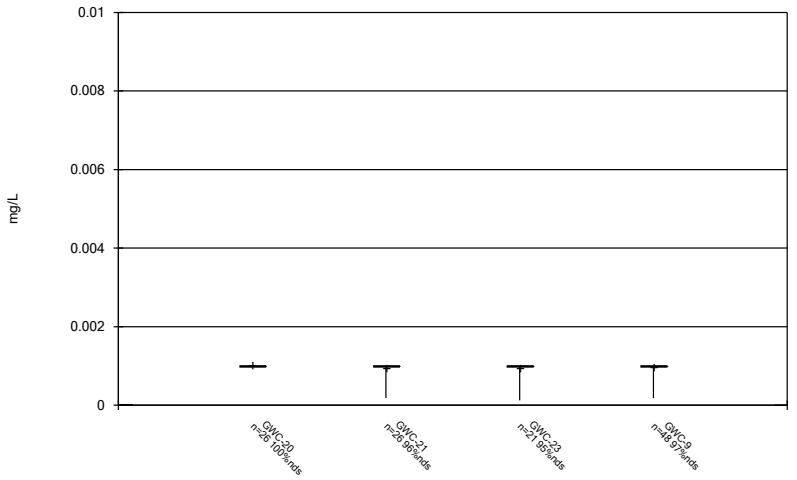


Constituent: Silver Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

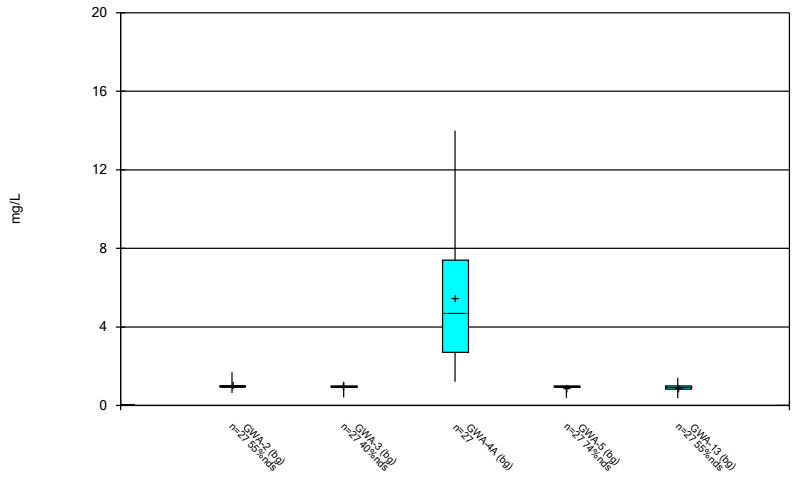


Constituent: Silver Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

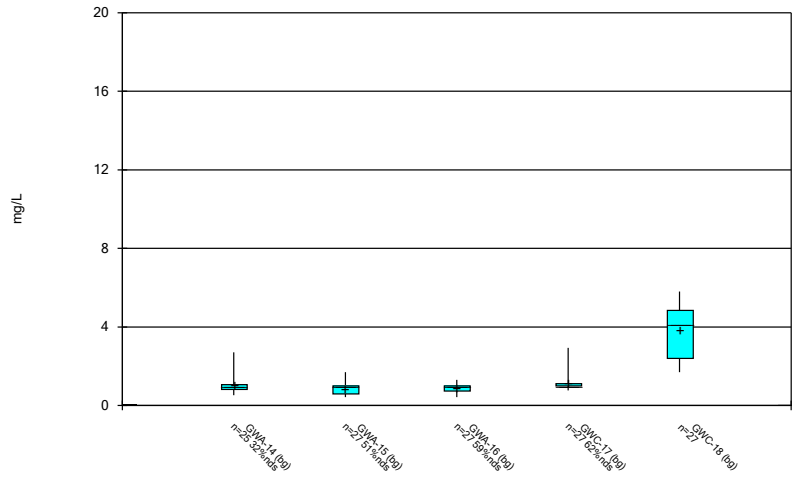


Constituent: Sulfate Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

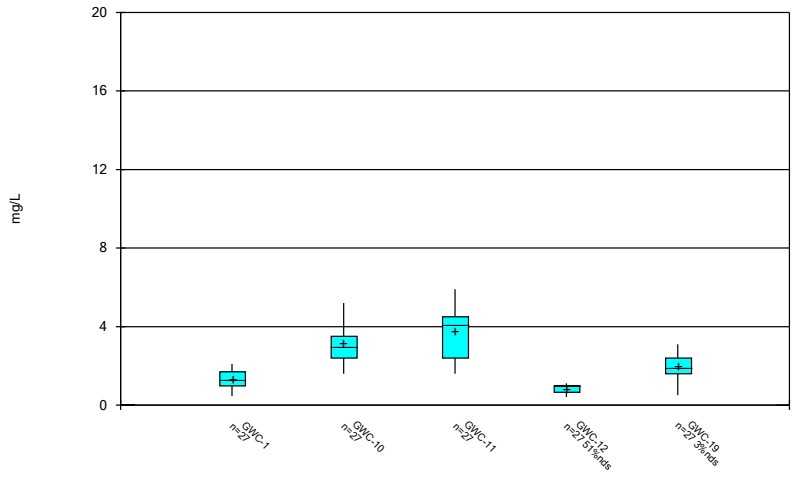


Constituent: Sulfate Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

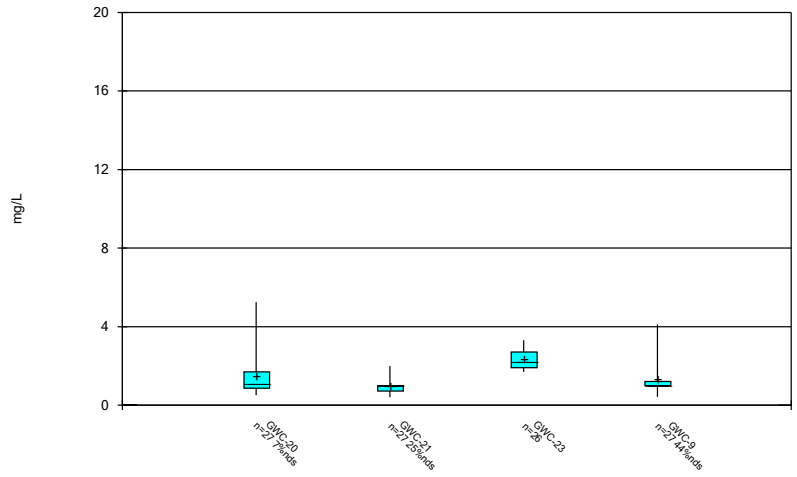


Constituent: Sulfate Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

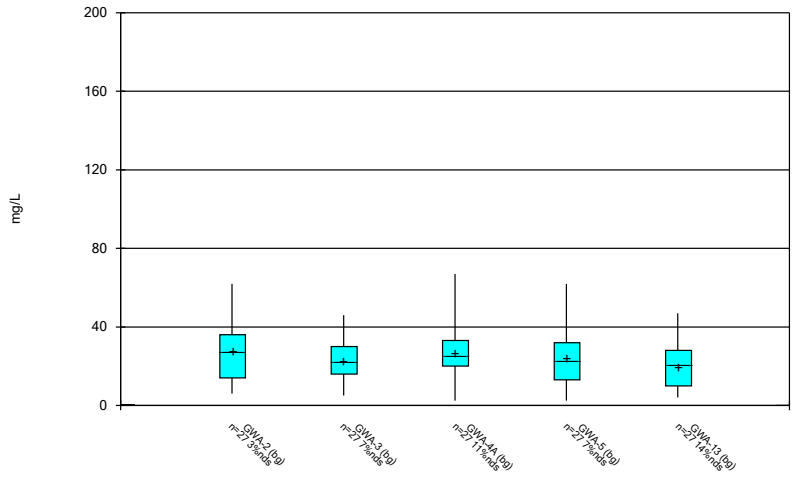


Constituent: Sulfate Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

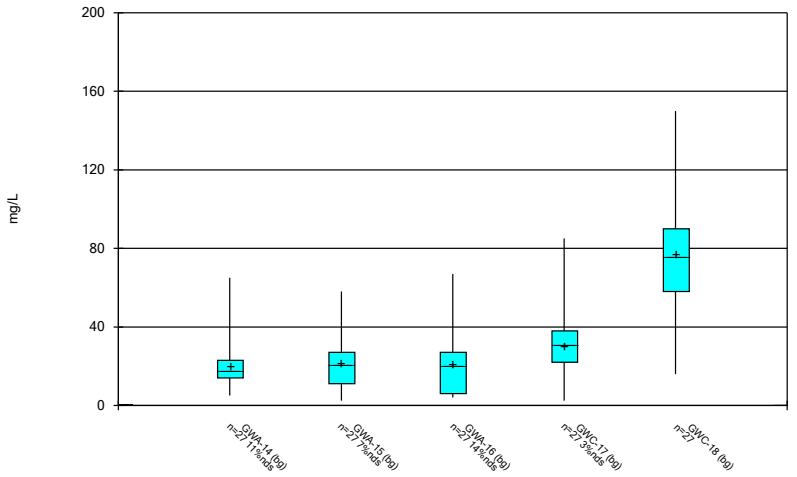


Constituent: TDS Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

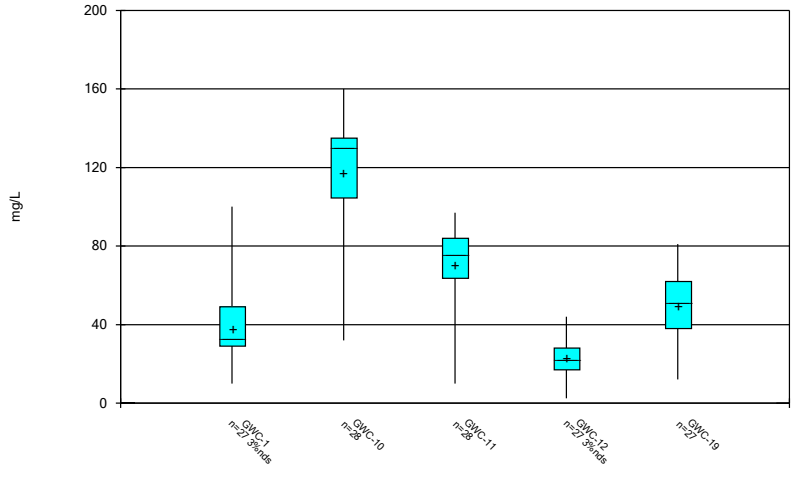


Constituent: TDS Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

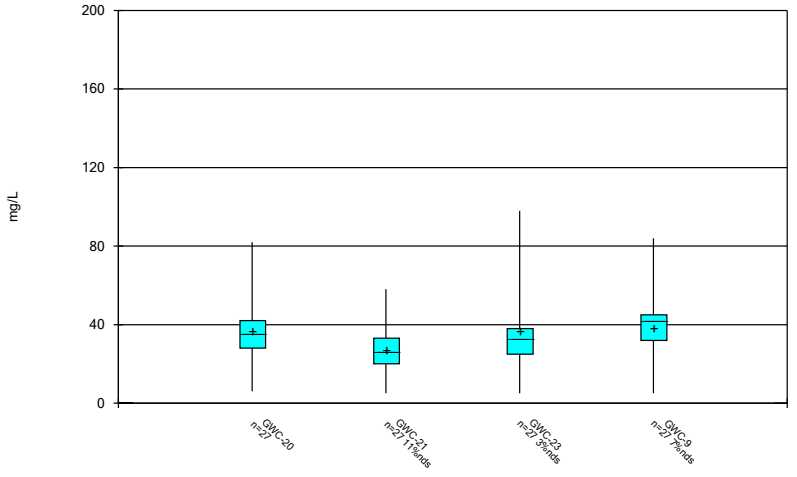


Constituent: TDS Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

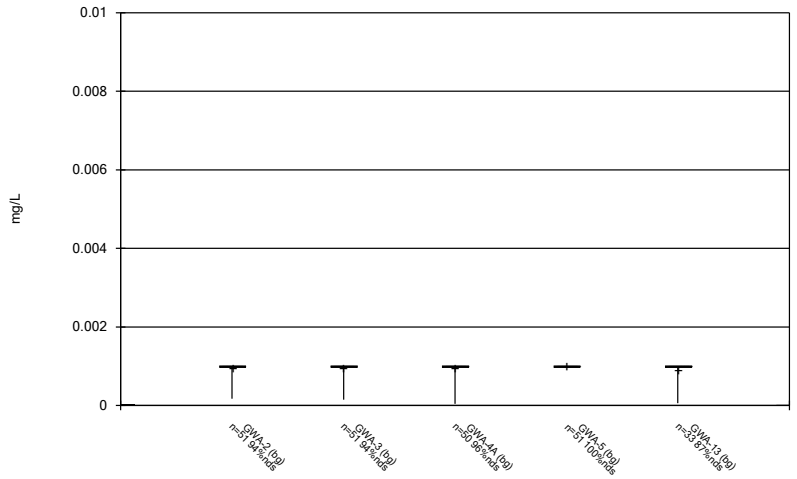


Constituent: TDS Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

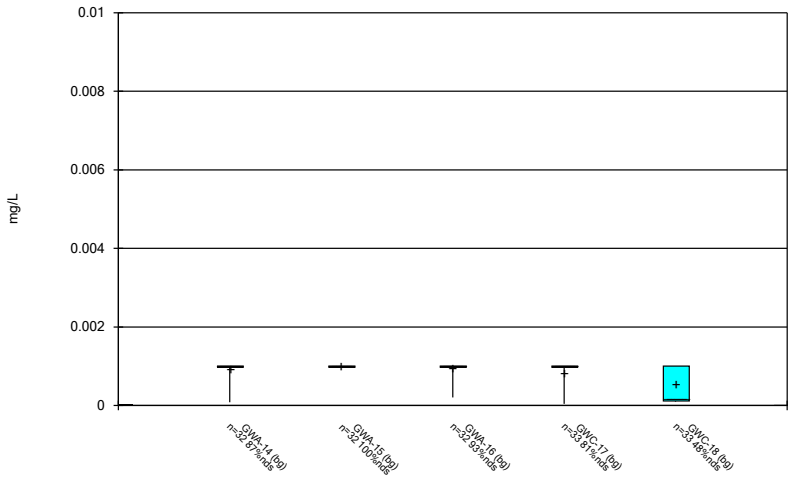


Constituent: Thallium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

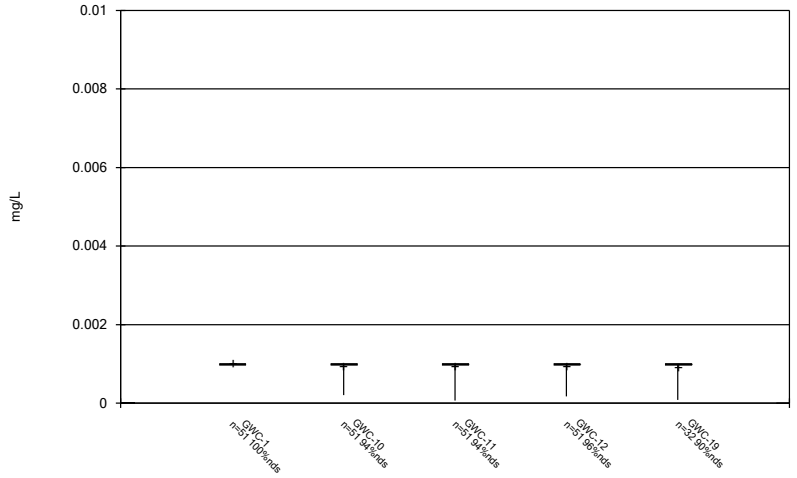


Constituent: Thallium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

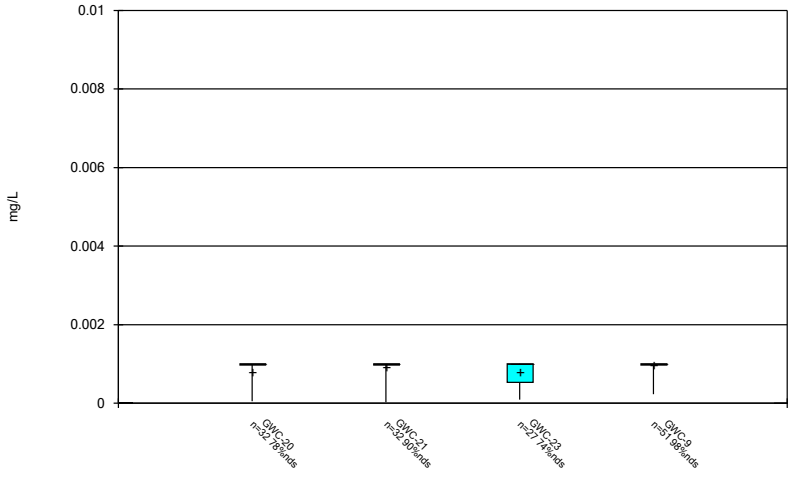


Constituent: Thallium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

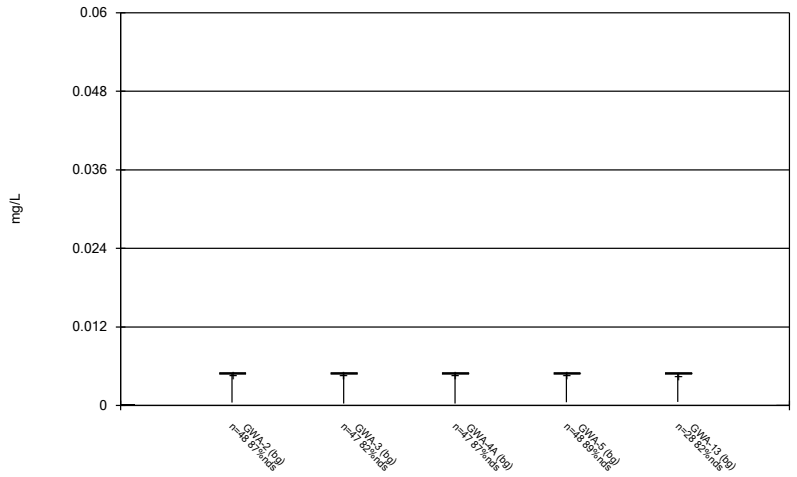


Constituent: Thallium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

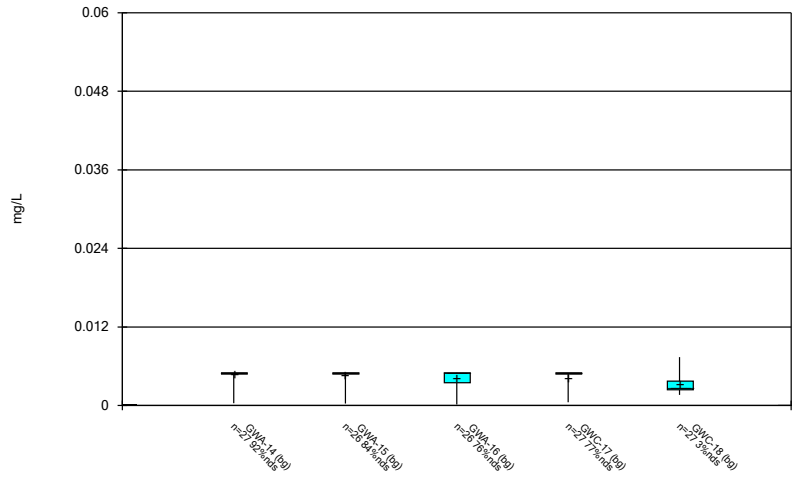


Constituent: Vanadium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

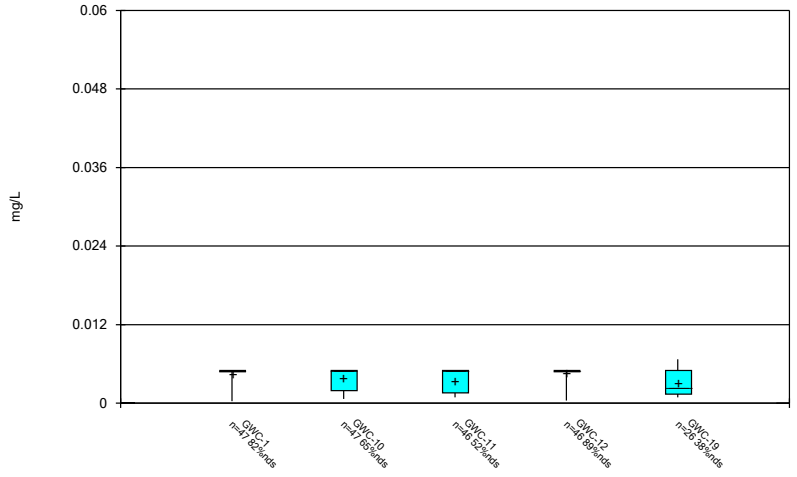


Constituent: Vanadium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

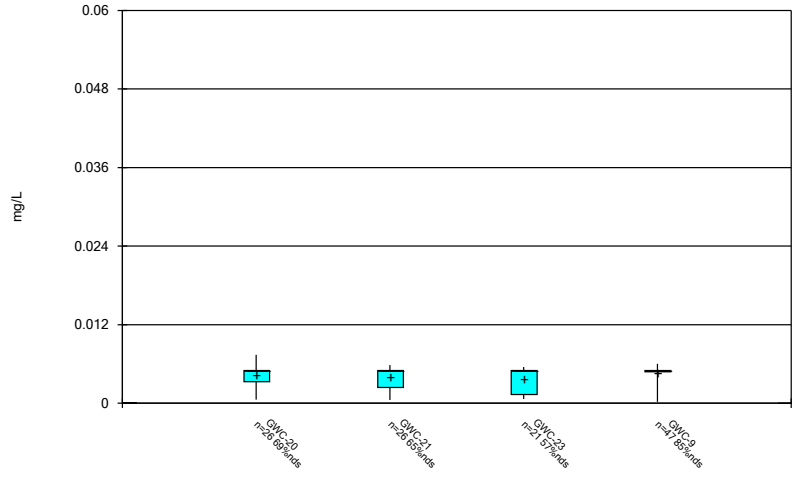


Constituent: Vanadium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

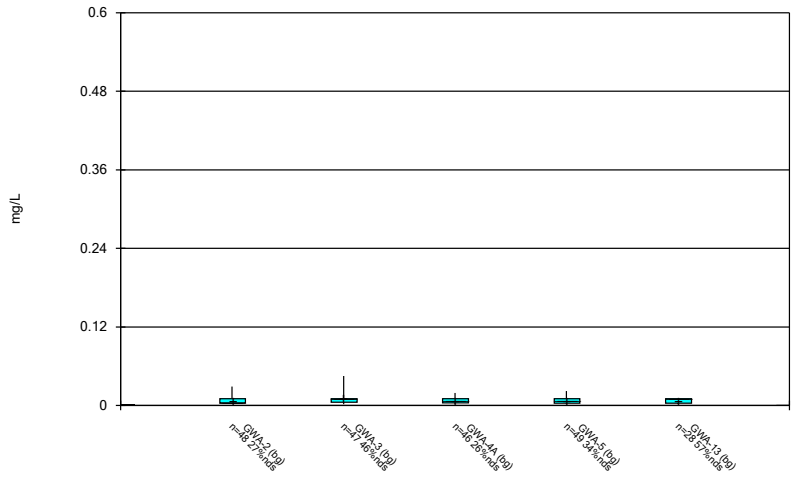


Constituent: Vanadium Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

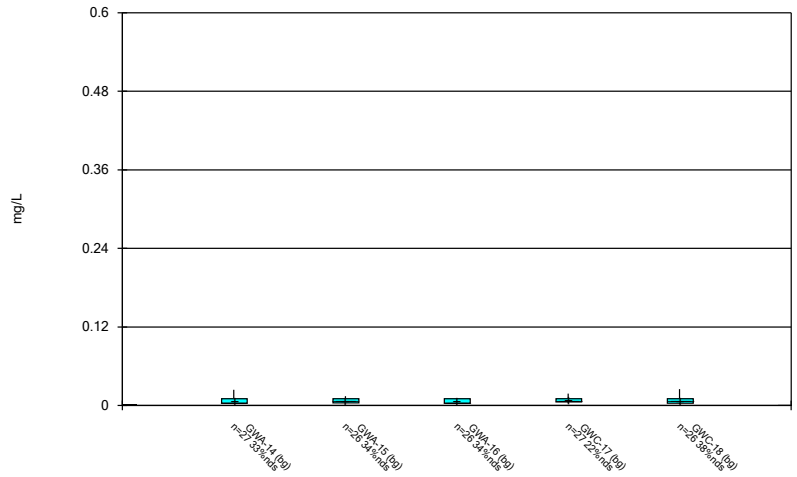


Constituent: Zinc Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

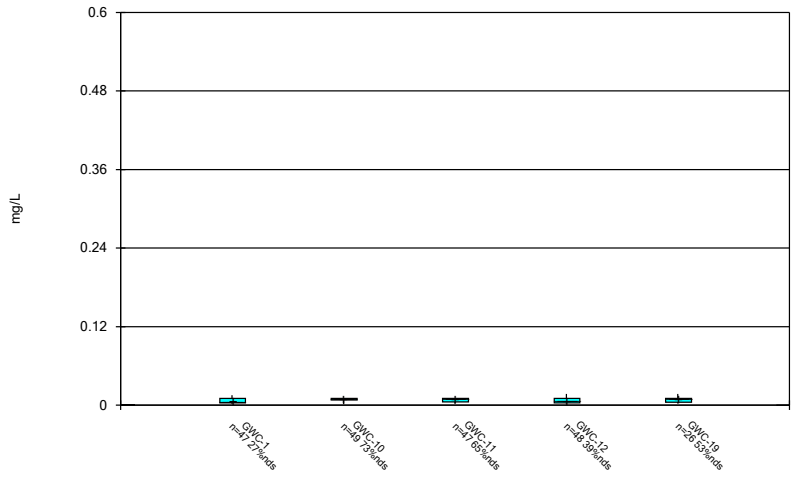


Constituent: Zinc Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Box & Whiskers Plot

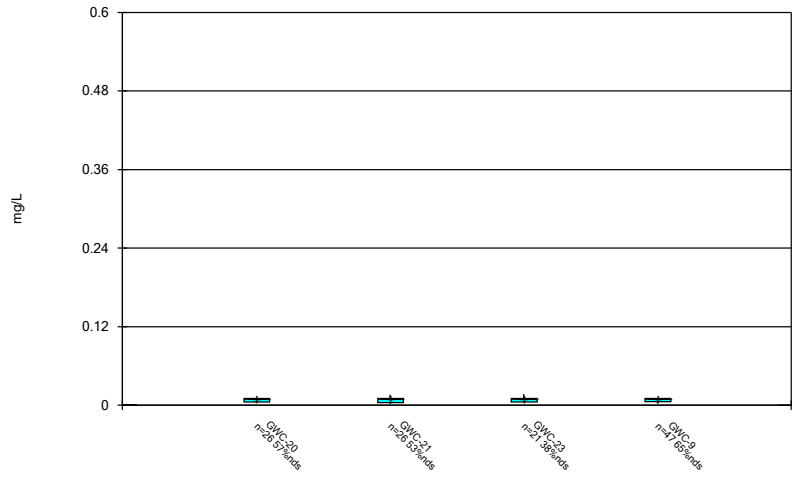


Constituent: Zinc Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/16/2026 8:42 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

FIGURE C.

Outlier Summary

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:43 AM

	GWA-3 Arsenic (mg/L)	GWA-3 Barium (mg/L)	GWA-13 Barium (mg/L)	GWA-14 Barium (mg/L)	GWC-11 Barium (mg/L)	GWC-17 Beryllium (mg/L)	GWA-5 Chloride (mg/L)	GWA-2 Chromium (mg/L)	GWA-3 Chromium (mg/L)	GWA-5 Chromium (mg/L)
8/25/2004										0.22 (O)
9/11/2004										
12/8/2005										
11/29/2006										
6/19/2007		0.1 (o)								
7/6/2007		0.1 (O)								
6/20/2008										
12/7/2008		0.097 (O)			0.093 (O)					
1/5/2011	0.0089 (O)	0.21 (O)							0.077 (O)	
1/20/2012			0.051 (o)							
7/11/2012								0.0061 (O)		
7/12/2012				0.077 (o)						
1/19/2013										
1/14/2016										
4/20/2016						<0.003 (O)				
6/14/2016										
6/16/2016										
9/27/2016										
1/12/2017										
1/13/2017										
1/30/2019										
3/27/2019										
9/15/2020							18 (O)			

Outlier Summary

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:43 AM

	GWA-13 Chromium (mg/L)	GWC-1 Chromium (mg/L)	GWC-21 Chromium (mg/L)	GWC-9 Chromium (mg/L)	GWA-3 Cobalt (mg/L)	GWC-12 Cobalt (mg/L)	GWC-21 Cobalt (mg/L)	GWA-3 Copper (mg/L)	GWC-21 Copper (mg/L)	GWC-9 Lead (mg/L)
8/25/2004										0.0056 (O)
9/11/2004										
12/8/2005										
11/29/2006										
6/19/2007										
7/6/2007										
6/20/2008										
12/7/2008		0.072 (O)								
1/5/2011					0.0066 (O)			0.014 (O)		
1/20/2012										
7/11/2012						0.012 (O)				
7/12/2012										
1/19/2013				0.0065 (O)						
1/14/2016									0.0064 (O)	
4/20/2016	<0.01 (O)									
6/14/2016										
6/16/2016										
9/27/2016			0.35 (O)				0.015 (O)			
1/12/2017										
1/13/2017										
1/30/2019										
3/27/2019										
9/15/2020										

Outlier Summary

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:43 AM

	GWA-3 Nickel (mg/L)	GWA-14 Sulfate (mg/L)	GWC-18 Sulfate (mg/L)	GWC-23 Sulfate (mg/L)	GWA-3 Vanadium (mg/L)	GWC-10 Vanadium (mg/L)	GWC-11 Vanadium (mg/L)	GWC-12 Vanadium (mg/L)	GWC-9 Vanadium (mg/L)	GWA-3 Zinc (mg/L)
8/25/2004										
9/11/2004	0.03 (O)									
12/8/2005										
11/29/2006										
6/19/2007										
7/6/2007										
6/20/2008							0.0093 (O)			
12/7/2008										
1/5/2011	0.025 (O)				0.056 (O)					0.057 (O)
1/20/2012										
7/11/2012										
7/12/2012										
1/19/2013										
1/14/2016										
4/20/2016		5.85 (O)								
6/14/2016		4.6 (O)								
6/16/2016			9 (O)	9.2 (O)						
9/27/2016										
1/12/2017						0.0087 (O)	0.01 (O)	0.0075 (O)		
1/13/2017									0.0091 (O)	
1/30/2019										
3/27/2019						0.0065 (O)		0.0078 (O)		
9/15/2020										

Outlier Summary

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:43 AM

	GWA-4A Zinc (mg/L)	GWC-18 Zinc (mg/L)	GWC-10 Zinc (mg/L)	GWC-11 Zinc (mg/L)	GWC-9 Zinc (mg/L)
8/25/2004					
9/11/2004					
12/8/2005	0.06 (O)				
11/29/2006			0.019 (o)		
6/19/2007					
7/6/2007					
6/20/2008					
12/7/2008				0.041 (O)	
1/5/2011					
1/20/2012					
7/11/2012					
7/12/2012					
1/19/2013					
1/14/2016					
4/20/2016					
6/14/2016					
6/16/2016					
9/27/2016					
1/12/2017					
1/13/2017					
1/30/2019		0.5 (O)			0.051 (o)
3/27/2019					
9/15/2020					

Tukey's Outlier Test - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/14/2026, 4:10 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	GWA-3 (bg)	Yes	0.1,0.1,0.097,0.21	NP	NaN	53	0.02396	0.03284	ln(x)	ShapiroFrancia
Barium (mg/L)	GWA-13 (bg)	Yes	0.051	NP	NaN	33	0.01745	0.006977	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-14 (bg)	Yes	0.077	NP	NaN	32	0.01592	0.01143	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-11	Yes	0.093	NP	NaN	53	0.01451	0.01148	ln(x)	ShapiroFrancia
Chromium (mg/L)	GWA-5 (bg)	Yes	0.22,0.0012,0.0012,0.0011,0.0013,0.0014,0.0015	NP	NaN	53	0.008225	0.02968	ln(x)	ShapiroFrancia
Chromium (mg/L)	GWA-14 (bg)	Yes	0.00086	NP	NaN	33	0.004338	0.001269	x^2	ShapiroWilk
Chromium (mg/L)	GWC-18 (bg)	Yes	0.0065	NP	NaN	33	0.002693	0.00108	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-20	Yes	0.0008,0.0013,0.0018,0.002,0.0015,0.0019	NP	NaN	32	0.004272	0.00138	sqrt(x)	ShapiroWilk
Lead (mg/L)	GWC-18 (bg)	Yes	0.00015,0.00015,0.00017,0.00037,0.00026,0.00029,0	NP	NaN	32	0.0008253	0.0003181	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWC-11	Yes	0.0025,0.0029,0.0014,0.00085,0.00033,0.00042,0.00	NP	NaN	47	0.004072	0.001742	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	GWA-2 (bg)	Yes	1.27,1.7,0.83,0.64,0.76,1.2,1.3,0.69	NP	NaN	26	1.012	0.2005	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-5 (bg)	Yes	0.367	NP	NaN	26	0.9057	0.1911	x^2	ShapiroWilk
Sulfate (mg/L)	GWA-14 (bg)	Yes	5.85,4.6	NP	NaN	26	1.386	1.226	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-17 (bg)	Yes	2.93	NP	NaN	26	1.16	0.4279	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-9	Yes	3.84,3.8,4.1	NP	NaN	26	1.384	0.9949	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-20	Yes	0.0074	NP	NaN	25	0.00435	0.00158	x^2	ShapiroWilk
Zinc (mg/L)	GWC-18 (bg)	Yes	0.5	NP	NaN	26	0.02623	0.09676	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-10	Yes	0.019,0.0012	NP	NaN	49	0.008606	0.003234	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/14/2026, 4:10 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	53	0.004913	0.0006319	unknown	ShapiroFrancia
Antimony (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	53	0.004868	0.000686	unknown	ShapiroFrancia
Antimony (mg/L)	GWA-4A (bg)	No	n/a	NP	NaN	52	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWA-5 (bg)	No	n/a	NP	NaN	53	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	32	0.00486	0.000792	unknown	ShapiroWilk
Antimony (mg/L)	GWA-14 (bg)	n/a	n/a	NP	NaN	31	0.004851	0.000828	unknown	ShapiroWilk
Antimony (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	31	0.005	0	normal	ShapiroWilk
Antimony (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	31	0.005	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	32	0.005	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-18 (bg)	n/a	n/a	NP	NaN	32	0.004851	0.000845	unknown	ShapiroWilk
Antimony (mg/L)	GWC-1	n/a	n/a	NP	NaN	52	0.004915	0.0006143	unknown	ShapiroFrancia
Antimony (mg/L)	GWC-10	No	n/a	NP	NaN	53	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWC-11	No	n/a	NP	NaN	53	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWC-12	No	n/a	NP	NaN	53	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWC-19	No	n/a	NP	NaN	31	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWC-20	No	n/a	NP	NaN	31	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWC-21	No	n/a	NP	NaN	31	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWC-23	No	n/a	NP	NaN	26	0.005	0	normal	ShapiroFrancia
Antimony (mg/L)	GWC-9	No	n/a	NP	NaN	53	0.005	0	normal	ShapiroFrancia
Arsenic (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	53	0.005	0	normal	ShapiroFrancia
Arsenic (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	53	0.004836	0.001134	unknown	ShapiroFrancia
Arsenic (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	52	0.004132	0.001651	unknown	ShapiroFrancia
Arsenic (mg/L)	GWA-5 (bg)	n/a	n/a	NP	NaN	53	0.004819	0.0009239	unknown	ShapiroFrancia
Arsenic (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	32	0.004867	0.0007495	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-14 (bg)	n/a	n/a	NP	NaN	31	0.004853	0.0008208	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	31	0.004569	0.001339	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	31	0.00485	0.0008334	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-17 (bg)	n/a	n/a	NP	NaN	32	0.004437	0.001518	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-18 (bg)	No	n/a	NP	NaN	32	0.001862	0.001714	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-1	n/a	n/a	NP	NaN	52	0.004912	0.0006379	unknown	ShapiroFrancia
Arsenic (mg/L)	GWC-10	No	n/a	NP	NaN	53	0.003867	0.001915	ln(x)	ShapiroFrancia
Arsenic (mg/L)	GWC-11	No	n/a	NP	NaN	53	0.003265	0.001863	ln(x)	ShapiroFrancia
Arsenic (mg/L)	GWC-12	n/a	n/a	NP	NaN	53	0.004671	0.001165	unknown	ShapiroFrancia
Arsenic (mg/L)	GWC-19	n/a	n/a	NP	NaN	31	0.004281	0.001671	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-20	n/a	n/a	NP	NaN	31	0.004557	0.001378	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-21	n/a	n/a	NP	NaN	31	0.004254	0.001578	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-23	No	n/a	NP	NaN	26	0.003394	0.002095	ln(x)	ShapiroWilk
Arsenic (mg/L)	GWC-9	n/a	n/a	NP	NaN	53	0.004673	0.001157	unknown	ShapiroFrancia
Barium (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	53	0.02714	0.008741	x^2	ShapiroFrancia
Barium (mg/L)	**GWA-3 (bg)**	**Yes**	**0.1,0.1,0.097,0.21**	**NP**	**NaN**	**53**	**0.02396**	**0.03284**	**ln(x)**	**ShapiroFrancia**
Barium (mg/L)	GWA-4A (bg)	No	n/a	NP	NaN	52	0.02256	0.00715	x^(1/3)	ShapiroFrancia
Barium (mg/L)	GWA-5 (bg)	No	n/a	NP	NaN	53	0.03225	0.01281	sqrt(x)	ShapiroFrancia
Barium (mg/L)	**GWA-13 (bg)**	**Yes**	**0.051**	**NP**	**NaN**	**33**	**0.01745**	**0.006977**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	**GWA-14 (bg)**	**Yes**	**0.077**	**NP**	**NaN**	**32**	**0.01592**	**0.01143**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	31	0.0251	0.002026	x^(1/3)	ShapiroWilk
Barium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	31	0.02548	0.003641	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	32	0.01809	0.001745	x^2	ShapiroWilk
Barium (mg/L)	GWC-18 (bg)	No	n/a	NP	NaN	32	0.02193	0.01258	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-1	No	n/a	NP	NaN	52	0.0333	0.011	normal	ShapiroFrancia
Barium (mg/L)	GWC-10	No	n/a	NP	NaN	55	0.02347	0.007669	ln(x)	ShapiroFrancia
Barium (mg/L)	**GWC-11**	**Yes**	**0.093**	**NP**	**NaN**	**53**	**0.01451**	**0.01148**	**ln(x)**	**ShapiroFrancia**
Barium (mg/L)	GWC-12	No	n/a	NP	NaN	53	0.01176	0.001709	ln(x)	ShapiroFrancia
Barium (mg/L)	GWC-19	No	n/a	NP	NaN	31	0.01804	0.01265	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-20	No	n/a	NP	NaN	31	0.02279	0.008856	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-21	No	n/a	NP	NaN	31	0.01905	0.003606	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-23	No	n/a	NP	NaN	26	0.03519	0.01815	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-9	No	n/a	NP	NaN	53	0.02484	0.005064	ln(x)	ShapiroFrancia
Beryllium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	53	0.0009011	0.0002803	unknown	ShapiroFrancia
Beryllium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	53	0.0009968	0.0001741	unknown	ShapiroFrancia
Beryllium (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	52	0.0009403	0.0002174	unknown	ShapiroFrancia
Beryllium (mg/L)	GWA-5 (bg)	n/a	n/a	NP	NaN	53	0.0009676	0.0001758	unknown	ShapiroFrancia
Beryllium (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	33	0.0009415	0.0002114	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-14 (bg)	n/a	n/a	NP	NaN	32	0.0009467	0.0002114	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	31	0.000969	0.0001728	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	31	0.0009506	0.0001938	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	32	0.0006056	0.0001036	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWC-18 (bg)	n/a	n/a	NP	NaN	32	0.0009482	0.000205	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-1	n/a	n/a	NP	NaN	52	0.0008115	0.0003486	unknown	ShapiroFrancia

Tukey's Outlier Test - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/14/2026, 4:10 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Beryllium (mg/L)	GWC-10	n/a	n/a	NP	NaN	55	0.0009554	0.0001892	unknown	ShapiroFrancia
Beryllium (mg/L)	GWC-11	n/a	n/a	NP	NaN	53	0.0009757	0.0001265	unknown	ShapiroFrancia
Beryllium (mg/L)	GWC-12	n/a	n/a	NP	NaN	53	0.0008351	0.0003267	unknown	ShapiroFrancia
Beryllium (mg/L)	GWC-19	No	n/a	NP	NaN	31	0.0006277	0.0004019	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWC-20	No	n/a	NP	NaN	31	0.0007071	0.0003559	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWC-21	n/a	n/a	NP	NaN	31	0.0009465	0.0001787	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-23	n/a	n/a	NP	NaN	26	0.002148	0.0008419	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-9	n/a	n/a	NP	NaN	53	0.002238	0.0007417	unknown	ShapiroFrancia
Cadmium (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	53	0.0007	0	normal	ShapiroFrancia
Cadmium (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	53	0.0007	0	normal	ShapiroFrancia
Cadmium (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	52	0.0006591	0.0001439	unknown	ShapiroFrancia
Cadmium (mg/L)	GWA-5 (bg)	No	n/a	NP	NaN	53	0.0007	0	normal	ShapiroFrancia
Cadmium (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	32	0.0006891	0.00006187	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-14 (bg)	n/a	n/a	NP	NaN	31	0.0006685	0.000128	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	31	0.0007	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	31	0.0006823	0.00009878	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	32	0.000577	0.00008792	x^2	ShapiroWilk
Cadmium (mg/L)	GWC-18 (bg)	n/a	n/a	NP	NaN	32	0.0006808	0.0001087	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-1	n/a	n/a	NP	NaN	52	0.0006885	0.00008321	unknown	ShapiroFrancia
Cadmium (mg/L)	GWC-10	No	n/a	NP	NaN	53	0.0007	0	normal	ShapiroFrancia
Cadmium (mg/L)	GWC-11	No	n/a	NP	NaN	53	0.0007	0	normal	ShapiroFrancia
Cadmium (mg/L)	GWC-12	No	n/a	NP	NaN	53	0.0007	0	normal	ShapiroFrancia
Cadmium (mg/L)	GWC-19	No	n/a	NP	NaN	31	0.0005339	0.0002467	ln(x)	ShapiroWilk
Cadmium (mg/L)	GWC-20	n/a	n/a	NP	NaN	31	0.0005174	0.0002438	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-21	No	n/a	NP	NaN	31	0.0005548	0.0002463	ln(x)	ShapiroWilk
Cadmium (mg/L)	GWC-23	n/a	n/a	NP	NaN	26	0.0005906	0.0002291	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-9	n/a	n/a	NP	NaN	53	0.0006552	0.0001584	unknown	ShapiroFrancia
Chromium (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	53	0.002549	0.001388	ln(x)	ShapiroFrancia
Chromium (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	53	0.004463	0.01029	ln(x)	ShapiroFrancia
Chromium (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	52	0.004634	0.001499	unknown	ShapiroFrancia
Chromium (mg/L)	**GWA-5 (bg)**	**Yes**	**0.22,0.0012,0.0012,0.0011,0.0013,0.0014,0.0015**	**NP**	**NaN**	**53**	**0.008225**	**0.02968**	**ln(x)**	**ShapiroFrancia**
Chromium (mg/L)	GWA-13 (bg)	No	n/a	NP	NaN	32	0.004328	0.001651	sqrt(x)	ShapiroWilk
Chromium (mg/L)	**GWA-14 (bg)**	**Yes**	**0.00086**	**NP**	**NaN**	**33**	**0.004338**	**0.001269**	**x^2**	**ShapiroWilk**
Chromium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	32	0.003687	0.001644	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	31	0.00363	0.004133	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	32	0.003625	0.001294	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-18 (bg)**	**Yes**	**0.0065**	**NP**	**NaN**	**33**	**0.002693**	**0.00108**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWC-1	No	n/a	NP	NaN	53	0.004543	0.009561	ln(x)	ShapiroFrancia
Chromium (mg/L)	GWC-10	No	n/a	NP	NaN	54	0.003798	0.002195	sqrt(x)	ShapiroFrancia
Chromium (mg/L)	GWC-11	No	n/a	NP	NaN	53	0.005628	0.001997	ln(x)	ShapiroFrancia
Chromium (mg/L)	GWC-12	No	n/a	NP	NaN	53	0.002942	0.001553	ln(x)	ShapiroFrancia
Chromium (mg/L)	GWC-19	No	n/a	NP	NaN	31	0.002045	0.0008996	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-20**	**Yes**	**0.0008,0.0013,0.0018,0.002,0.0015,0.0019**	**NP**	**NaN**	**32**	**0.004272**	**0.00138**	**sqrt(x)**	**ShapiroWilk**
Chromium (mg/L)	GWC-21	n/a	n/a	NP	NaN	31	0.01565	0.06206	unknown	ShapiroWilk
Chromium (mg/L)	GWC-23	No	n/a	NP	NaN	27	0.00356	0.00141	normal	ShapiroWilk
Chromium (mg/L)	GWC-9	No	n/a	NP	NaN	53	0.003904	0.001609	normal	ShapiroFrancia
Cobalt (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	53	0.002817	0.001862	ln(x)	ShapiroFrancia
Cobalt (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	53	0.003625	0.002189	x^3	ShapiroFrancia
Cobalt (mg/L)	GWA-4A (bg)	No	n/a	NP	NaN	52	0.003764	0.00247	x^(1/3)	ShapiroFrancia
Cobalt (mg/L)	GWA-5 (bg)	No	n/a	NP	NaN	53	0.00274	0.002467	ln(x)	ShapiroFrancia
Cobalt (mg/L)	GWA-13 (bg)	No	n/a	NP	NaN	33	0.001585	0.001819	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-14 (bg)	No	n/a	NP	NaN	32	0.002066	0.002165	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	31	0.001324	0.001676	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	31	0.0008374	0.0006885	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	32	0.002491	0.00214	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-18 (bg)	n/a	n/a	NP	NaN	32	0.004552	0.001417	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-1	No	n/a	NP	NaN	52	0.002839	0.001673	ln(x)	ShapiroFrancia
Cobalt (mg/L)	GWC-10	n/a	n/a	NP	NaN	55	0.00474	0.001093	unknown	ShapiroFrancia
Cobalt (mg/L)	GWC-11	n/a	n/a	NP	NaN	53	0.004847	0.001096	unknown	ShapiroFrancia
Cobalt (mg/L)	GWC-12	No	n/a	NP	NaN	53	0.002697	0.002535	ln(x)	ShapiroFrancia
Cobalt (mg/L)	GWC-19	n/a	n/a	NP	NaN	31	0.004269	0.001699	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-20	No	n/a	NP	NaN	31	0.002248	0.002073	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-21	No	n/a	NP	NaN	31	0.001693	0.002515	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-23	No	n/a	NP	NaN	26	0.004304	0.002646	sqrt(x)	ShapiroWilk
Cobalt (mg/L)	GWC-9	No	n/a	NP	NaN	53	0.00285	0.002236	ln(x)	ShapiroFrancia
Copper (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	47	0.00203	0.0001559	unknown	ShapiroWilk
Copper (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	47	0.002301	0.001788	unknown	ShapiroWilk
Copper (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	46	0.001982	0.0005553	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/14/2026, 4:10 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Copper (mg/L)	GWA-5 (bg)	n/a	n/a	NP	NaN	47	0.001977	0.0001701	unknown	ShapiroWilk
Copper (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	27	0.001917	0.0003051	unknown	ShapiroWilk
Copper (mg/L)	GWA-14 (bg)	n/a	n/a	NP	NaN	26	0.001929	0.0002659	unknown	ShapiroWilk
Copper (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	25	0.001954	0.000232	unknown	ShapiroWilk
Copper (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	25	0.001912	0.0003044	unknown	ShapiroWilk
Copper (mg/L)	GWC-17 (bg)	n/a	n/a	NP	NaN	26	0.001965	0.0001623	unknown	ShapiroWilk
Copper (mg/L)	GWC-18 (bg)	n/a	n/a	NP	NaN	26	0.00172	0.0004908	unknown	ShapiroWilk
Copper (mg/L)	GWC-1	n/a	n/a	NP	NaN	46	0.001978	0.0001474	unknown	ShapiroWilk
Copper (mg/L)	GWC-10	No	n/a	NP	NaN	49	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-11	n/a	n/a	NP	NaN	47	0.001985	0.0001706	unknown	ShapiroWilk
Copper (mg/L)	GWC-12	n/a	n/a	NP	NaN	47	0.00195	0.0002414	unknown	ShapiroWilk
Copper (mg/L)	GWC-19	n/a	n/a	NP	NaN	25	0.001884	0.0004124	unknown	ShapiroWilk
Copper (mg/L)	GWC-20	n/a	n/a	NP	NaN	25	0.001861	0.0004071	unknown	ShapiroWilk
Copper (mg/L)	GWC-21	n/a	n/a	NP	NaN	25	0.001966	0.001047	unknown	ShapiroWilk
Copper (mg/L)	GWC-23	n/a	n/a	NP	NaN	20	0.001866	0.000333	unknown	ShapiroWilk
Copper (mg/L)	GWC-9	n/a	n/a	NP	NaN	47	0.001979	0.0001585	unknown	ShapiroWilk
Lead (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	53	0.001075	0.0006478	unknown	ShapiroFrancia
Lead (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	53	0.001492	0.002605	unknown	ShapiroFrancia
Lead (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	52	0.0009981	0.0004273	unknown	ShapiroFrancia
Lead (mg/L)	GWA-5 (bg)	n/a	n/a	NP	NaN	53	0.0009519	0.000183	unknown	ShapiroFrancia
Lead (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	33	0.00097	0.0001214	unknown	ShapiroWilk
Lead (mg/L)	GWA-14 (bg)	n/a	n/a	NP	NaN	32	0.0009203	0.0002521	unknown	ShapiroWilk
Lead (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	31	0.0009723	0.0001545	unknown	ShapiroWilk
Lead (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	31	0.0008965	0.000274	unknown	ShapiroWilk
Lead (mg/L)	GWC-17 (bg)	n/a	n/a	NP	NaN	32	0.0009738	0.0001485	unknown	ShapiroWilk
Lead (mg/L)	**GWC-18 (bg)**	**Yes**	**0.00015,0.00015,0.00017,0.00037,0.00026,0.00029,0**	**NP**	**NaN**	**32**	**0.0008253**	**0.0003181**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWC-1	No	n/a	NP	NaN	52	0.001	0	normal	ShapiroWilk
Lead (mg/L)	GWC-10	No	n/a	NP	NaN	55	0.001	0	normal	ShapiroWilk
Lead (mg/L)	GWC-11	n/a	n/a	NP	NaN	53	0.0009302	0.0002195	unknown	ShapiroFrancia
Lead (mg/L)	GWC-12	No	n/a	NP	NaN	53	0.001	0	normal	ShapiroFrancia
Lead (mg/L)	GWC-19	n/a	n/a	NP	NaN	31	0.0009713	0.0001598	unknown	ShapiroWilk
Lead (mg/L)	GWC-20	n/a	n/a	NP	NaN	31	0.0009471	0.0002054	unknown	ShapiroWilk
Lead (mg/L)	GWC-21	n/a	n/a	NP	NaN	31	0.0009677	0.0001456	unknown	ShapiroWilk
Lead (mg/L)	GWC-23	n/a	n/a	NP	NaN	26	0.0009096	0.0002571	unknown	ShapiroWilk
Lead (mg/L)	GWC-9	n/a	n/a	NP	NaN	53	0.001087	0.0006319	unknown	ShapiroFrancia
Nickel (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	47	0.002003	0.0008378	normal	ShapiroWilk
Nickel (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	47	0.005375	0.004985	unknown	ShapiroWilk
Nickel (mg/L)	GWA-4A (bg)	No	n/a	NP	NaN	46	0.003825	0.001766	normal	ShapiroWilk
Nickel (mg/L)	GWA-5 (bg)	n/a	n/a	NP	NaN	47	0.001033	0.0005039	unknown	ShapiroWilk
Nickel (mg/L)	GWA-13 (bg)	No	n/a	NP	NaN	26	0.003955	0.001947	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-14 (bg)	No	n/a	NP	NaN	25	0.003041	0.002256	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	25	0.00374	0.002063	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	25	0.0007864	0.0002704	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	26	0.002004	0.0006364	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-18 (bg)	No	n/a	NP	NaN	26	0.001152	0.0003698	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-1	No	n/a	NP	NaN	46	0.00201	0.0006302	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-10	n/a	n/a	NP	NaN	47	0.004662	0.001124	unknown	ShapiroWilk
Nickel (mg/L)	**GWC-11**	**Yes**	**0.0025,0.0029,0.0014,0.00085,0.00033,0.00042,0.00**	**NP**	**NaN**	**47**	**0.004072**	**0.001742**	**x^(1/3)**	**ShapiroWilk**
Nickel (mg/L)	GWC-12	No	n/a	NP	NaN	47	0.002229	0.001137	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWC-19	No	n/a	NP	NaN	25	0.001653	0.0008583	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-20	No	n/a	NP	NaN	25	0.00199	0.001824	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-21	No	n/a	NP	NaN	25	0.0008452	0.0001876	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-23	No	n/a	NP	NaN	20	0.001505	0.0004965	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWC-9	n/a	n/a	NP	NaN	47	0.001065	0.0005343	unknown	ShapiroWilk
Selenium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	53	0.004748	0.001039	unknown	ShapiroFrancia
Selenium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	53	0.004672	0.001055	unknown	ShapiroFrancia
Selenium (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	52	0.004776	0.0009414	unknown	ShapiroFrancia
Selenium (mg/L)	GWA-5 (bg)	No	n/a	NP	NaN	53	0.005	0	normal	ShapiroFrancia
Selenium (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	32	0.004852	0.0008397	unknown	ShapiroWilk
Selenium (mg/L)	GWA-14 (bg)	No	n/a	NP	NaN	31	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	31	0.004862	0.0007705	unknown	ShapiroWilk
Selenium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	31	0.004847	0.0008531	unknown	ShapiroWilk
Selenium (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	32	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-18 (bg)	n/a	n/a	NP	NaN	32	0.004857	0.0008061	unknown	ShapiroWilk
Selenium (mg/L)	GWC-1	n/a	n/a	NP	NaN	52	0.004819	0.0009117	unknown	ShapiroFrancia
Selenium (mg/L)	GWC-10	n/a	n/a	NP	NaN	53	0.004821	0.0009138	unknown	ShapiroFrancia
Selenium (mg/L)	GWC-11	n/a	n/a	NP	NaN	53	0.004478	0.001475	unknown	ShapiroFrancia
Selenium (mg/L)	GWC-12	No	n/a	NP	NaN	53	0.005	0	normal	ShapiroFrancia

Tukey's Outlier Test - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/14/2026, 4:10 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Selenium (mg/L)	GWC-19	n/a	n/a	NP	NaN	31	0.004855	0.0008046	unknown	ShapiroWilk
Selenium (mg/L)	GWC-20	n/a	n/a	NP	NaN	31	0.004906	0.0005209	unknown	ShapiroWilk
Selenium (mg/L)	GWC-21	n/a	n/a	NP	NaN	31	0.004853	0.0008208	unknown	ShapiroWilk
Selenium (mg/L)	GWC-23	No	n/a	NP	NaN	26	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-9	n/a	n/a	NP	NaN	53	0.005015	0.0001099	unknown	ShapiroFrancia
Silver (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	47	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	47	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWA-4A (bg)	No	n/a	NP	NaN	46	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWA-5 (bg)	No	n/a	NP	NaN	47	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWA-13 (bg)	No	n/a	NP	NaN	26	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWA-14 (bg)	No	n/a	NP	NaN	25	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	25	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	25	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	26	0.001	0	normal	ShapiroFrancia
Silver (mg/L)	GWC-18 (bg)	n/a	n/a	NP	NaN	26	0.0009727	0.0001392	unknown	ShapiroWilk
Silver (mg/L)	GWC-1	n/a	n/a	NP	NaN	46	0.0009828	0.0001165	unknown	ShapiroWilk
Silver (mg/L)	GWC-10	n/a	n/a	NP	NaN	47	0.0009826	0.0001196	unknown	ShapiroWilk
Silver (mg/L)	GWC-11	n/a	n/a	NP	NaN	47	0.0009738	0.000134	unknown	ShapiroWilk
Silver (mg/L)	GWC-12	No	n/a	NP	NaN	47	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-19	No	n/a	NP	NaN	25	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-20	No	n/a	NP	NaN	25	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-21	n/a	n/a	NP	NaN	25	0.0009672	0.000164	unknown	ShapiroWilk
Silver (mg/L)	GWC-23	n/a	n/a	NP	NaN	20	0.000956	0.0001968	unknown	ShapiroWilk
Silver (mg/L)	GWC-9	n/a	n/a	NP	NaN	47	0.0009826	0.0001196	unknown	ShapiroWilk
Sulfate (mg/L)	**GWA-2 (bg)**	**Yes**	**1.27,1.7,0.83,0.64,0.76,1.2,1.3,0.69**	**NP**	**NaN**	**26**	**1.012**	**0.2005**	**ln(x)**	**ShapiroWilk**
Sulfate (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	26	0.9435	0.1937	x^4	ShapiroWilk
Sulfate (mg/L)	GWA-4A (bg)	No	n/a	NP	NaN	26	5.623	3.087	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	**GWA-5 (bg)**	**Yes**	**0.367**	**NP**	**NaN**	**26**	**0.9057**	**0.1911**	**x^2**	**ShapiroWilk**
Sulfate (mg/L)	GWA-13 (bg)	No	n/a	NP	NaN	26	0.9025	0.228	x^2	ShapiroWilk
Sulfate (mg/L)	**GWA-14 (bg)**	**Yes**	**5.85,4.6**	**NP**	**NaN**	**26**	**1.386**	**1.226**	**ln(x)**	**ShapiroWilk**
Sulfate (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	26	0.8355	0.2351	x^3	ShapiroWilk
Sulfate (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	26	0.8642	0.2024	x^2	ShapiroWilk
Sulfate (mg/L)	**GWC-17 (bg)**	**Yes**	**2.93**	**NP**	**NaN**	**26**	**1.16**	**0.4279**	**ln(x)**	**ShapiroWilk**
Sulfate (mg/L)	GWC-18 (bg)	No	n/a	NP	NaN	27	4.064	1.567	sqrt(x)	ShapiroWilk
Sulfate (mg/L)	GWC-1	No	n/a	NP	NaN	26	1.371	0.4742	normal	ShapiroWilk
Sulfate (mg/L)	GWC-10	No	n/a	NP	NaN	26	3.14	0.9759	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-11	No	n/a	NP	NaN	26	3.822	1.292	x^2	ShapiroWilk
Sulfate (mg/L)	GWC-12	No	n/a	NP	NaN	26	0.8589	0.2054	x^6	ShapiroWilk
Sulfate (mg/L)	GWC-19	No	n/a	NP	NaN	26	1.954	0.5173	normal	ShapiroWilk
Sulfate (mg/L)	GWC-20	No	n/a	NP	NaN	26	1.501	1.095	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-21	No	n/a	NP	NaN	26	0.9496	0.3322	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-23	No	n/a	NP	NaN	26	2.604	1.432	ln(x)	ShapiroWilk
Sulfate (mg/L)	**GWC-9**	**Yes**	**3.84,3.8,4.1**	**NP**	**NaN**	**26**	**1.384**	**0.9949**	**ln(x)**	**ShapiroWilk**
Thallium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	50	0.0009616	0.0001606	unknown	ShapiroFrancia
Thallium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	50	0.0009664	0.0001663	unknown	ShapiroFrancia
Thallium (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	49	0.0009667	0.0001661	unknown	ShapiroWilk
Thallium (mg/L)	GWA-5 (bg)	No	n/a	NP	NaN	50	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	32	0.0009028	0.0002713	unknown	ShapiroWilk
Thallium (mg/L)	GWA-14 (bg)	n/a	n/a	NP	NaN	31	0.0009055	0.00026	unknown	ShapiroWilk
Thallium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	31	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	31	0.00095	0.0001936	unknown	ShapiroWilk
Thallium (mg/L)	GWC-17 (bg)	n/a	n/a	NP	NaN	32	0.0008285	0.0003628	unknown	ShapiroWilk
Thallium (mg/L)	GWC-18 (bg)	No	n/a	NP	NaN	32	0.0005325	0.0004465	ln(x)	ShapiroWilk
Thallium (mg/L)	GWC-1	No	n/a	NP	NaN	50	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-10	n/a	n/a	NP	NaN	50	0.0009576	0.0001704	unknown	ShapiroFrancia
Thallium (mg/L)	GWC-11	n/a	n/a	NP	NaN	50	0.0009562	0.0001799	unknown	ShapiroFrancia
Thallium (mg/L)	GWC-12	n/a	n/a	NP	NaN	50	0.0009678	0.0001594	unknown	ShapiroFrancia
Thallium (mg/L)	GWC-19	n/a	n/a	NP	NaN	31	0.0009203	0.0002487	unknown	ShapiroWilk
Thallium (mg/L)	GWC-20	n/a	n/a	NP	NaN	31	0.0008033	0.0003727	unknown	ShapiroWilk
Thallium (mg/L)	GWC-21	n/a	n/a	NP	NaN	31	0.0009225	0.0002459	unknown	ShapiroWilk
Thallium (mg/L)	GWC-23	No	n/a	NP	NaN	26	0.0007862	0.0003685	sqrt(x)	ShapiroWilk
Thallium (mg/L)	GWC-9	n/a	n/a	NP	NaN	50	0.0009846	0.0001089	unknown	ShapiroFrancia
Vanadium (mg/L)	GWA-2 (bg)	n/a	n/a	NP	NaN	47	0.004601	0.001187	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-3 (bg)	n/a	n/a	NP	NaN	47	0.005706	0.007571	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-4A (bg)	n/a	n/a	NP	NaN	46	0.004575	0.00117	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-5 (bg)	n/a	n/a	NP	NaN	47	0.004657	0.001056	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-13 (bg)	n/a	n/a	NP	NaN	27	0.004372	0.001378	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-14 (bg)	n/a	n/a	NP	NaN	26	0.004705	0.001069	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

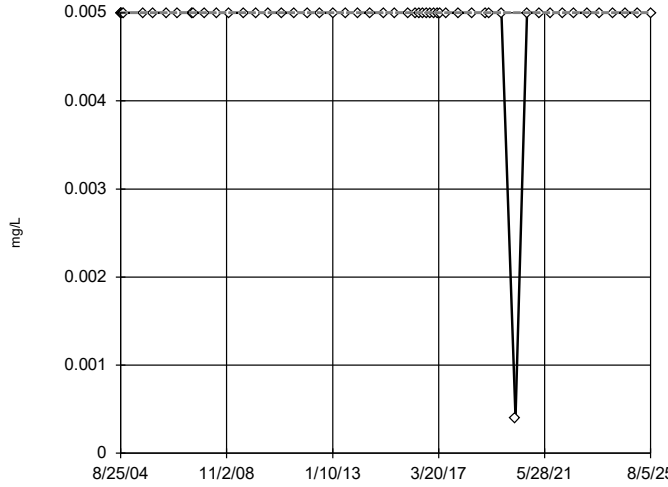
Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/14/2026, 4:10 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	25	0.004508	0.00128	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	25	0.004243	0.001578	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-17 (bg)	n/a	n/a	NP	NaN	26	0.004361	0.001447	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-18 (bg)	No	n/a	NP	NaN	26	0.003173	0.001254	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-1	n/a	n/a	NP	NaN	46	0.004408	0.001368	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-10	No	n/a	NP	NaN	48	0.003933	0.001882	normal	ShapiroWilk
Vanadium (mg/L)	GWC-11	No	n/a	NP	NaN	47	0.003649	0.002162	x^(1/3)	ShapiroWilk
Vanadium (mg/L)	GWC-12	n/a	n/a	NP	NaN	47	0.004713	0.001335	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-19	No	n/a	NP	NaN	25	0.003195	0.001883	ln(x)	ShapiroWilk
Vanadium (mg/L)	**GWC-20**	**Yes**	**0.0074**	**NP**	**NaN**	**25**	**0.00435**	**0.00158**	**x^2**	**ShapiroWilk**
Vanadium (mg/L)	GWC-21	No	n/a	NP	NaN	25	0.004055	0.001661	x^5	ShapiroWilk
Vanadium (mg/L)	GWC-23	n/a	n/a	NP	NaN	20	0.00359	0.001907	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-9	n/a	n/a	NP	NaN	47	0.004698	0.001347	unknown	ShapiroWilk
Zinc (mg/L)	GWA-2 (bg)	No	n/a	NP	NaN	47	0.006813	0.004396	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-3 (bg)	No	n/a	NP	NaN	47	0.0115	0.01215	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-4A (bg)	No	n/a	NP	NaN	46	0.0085	0.008545	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-5 (bg)	No	n/a	NP	NaN	48	0.006783	0.004172	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-13 (bg)	No	n/a	NP	NaN	27	0.007215	0.003274	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-14 (bg)	No	n/a	NP	NaN	26	0.007027	0.004731	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	25	0.006512	0.003252	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	25	0.006156	0.003004	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-17 (bg)	No	n/a	NP	NaN	26	0.007685	0.003475	ln(x)	ShapiroWilk
Zinc (mg/L)	**GWC-18 (bg)**	**Yes**	**0.5**	**NP**	**NaN**	**26**	**0.02623**	**0.09676**	**ln(x)**	**ShapiroWilk**
Zinc (mg/L)	GWC-1	No	n/a	NP	NaN	46	0.006004	0.003358	ln(x)	ShapiroWilk
Zinc (mg/L)	**GWC-10**	**Yes**	**0.019,0.0012**	**NP**	**NaN**	**49**	**0.008606**	**0.003234**	**normal**	**ShapiroWilk**
Zinc (mg/L)	GWC-11	No	n/a	NP	NaN	47	0.008557	0.005761	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-12	No	n/a	NP	NaN	47	0.006762	0.003497	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-19	No	n/a	NP	NaN	25	0.007924	0.0037	sqrt(x)	ShapiroWilk
Zinc (mg/L)	GWC-20	No	n/a	NP	NaN	25	0.007892	0.002651	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-21	No	n/a	NP	NaN	25	0.007592	0.003817	normal	ShapiroWilk
Zinc (mg/L)	GWC-23	No	n/a	NP	NaN	20	0.008245	0.003892	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-9	No	n/a	NP	NaN	47	0.009026	0.006816	ln(x)	ShapiroWilk

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

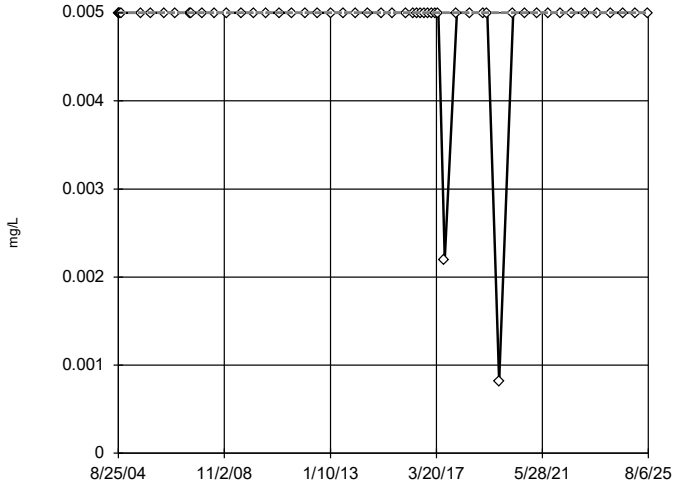
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

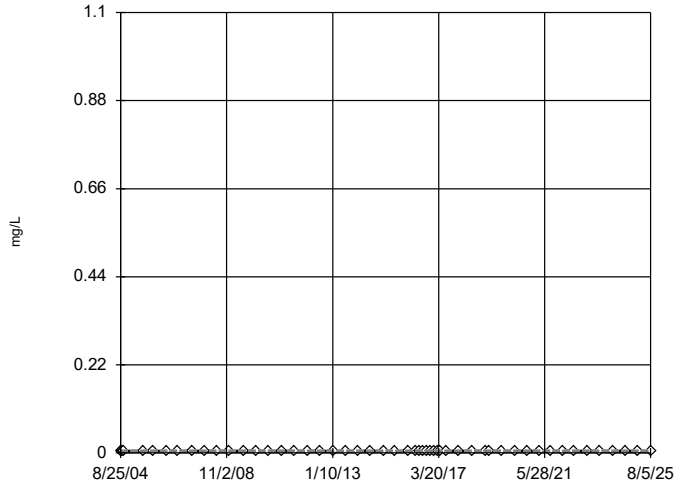
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found. Tukey's method selected by user.

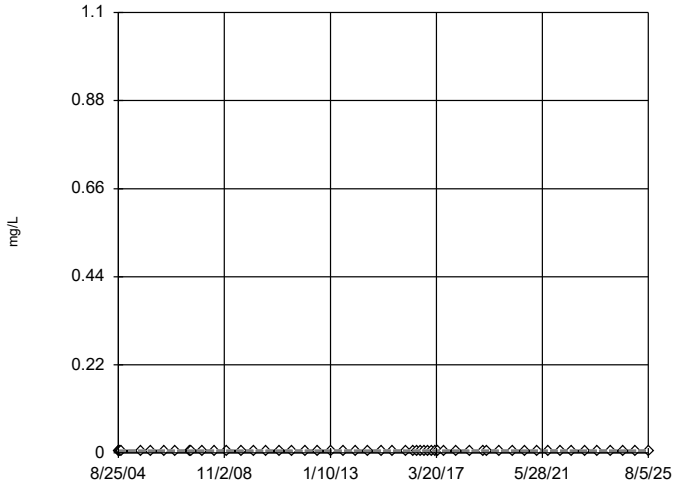
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

No outliers found. Tukey's method selected by user.

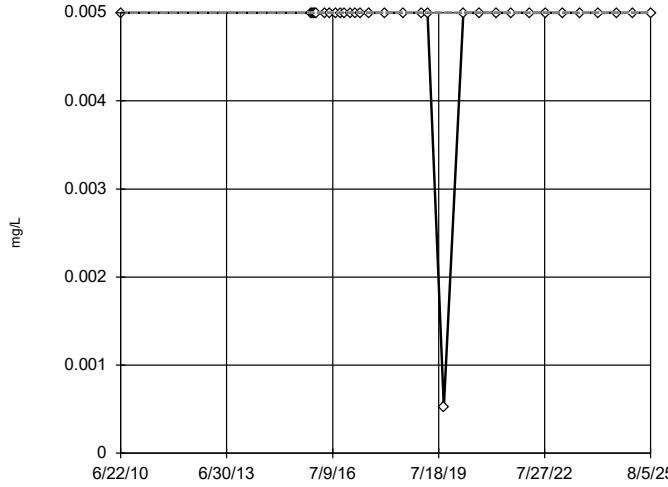
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

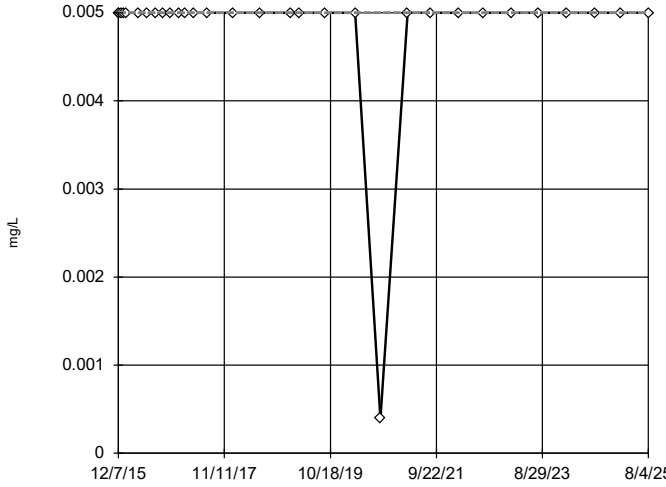
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

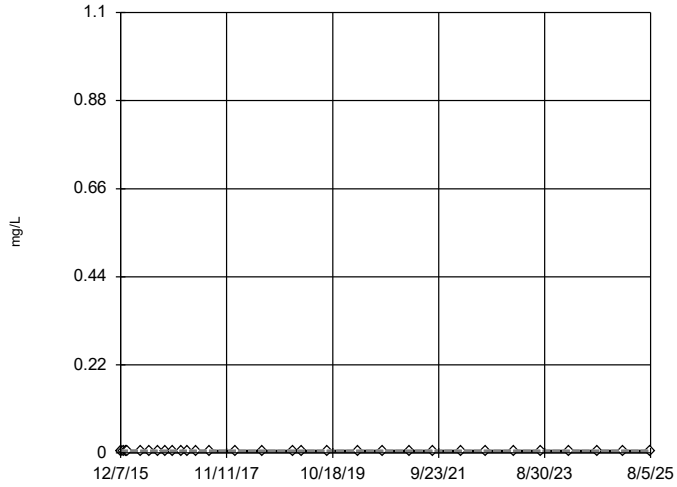
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

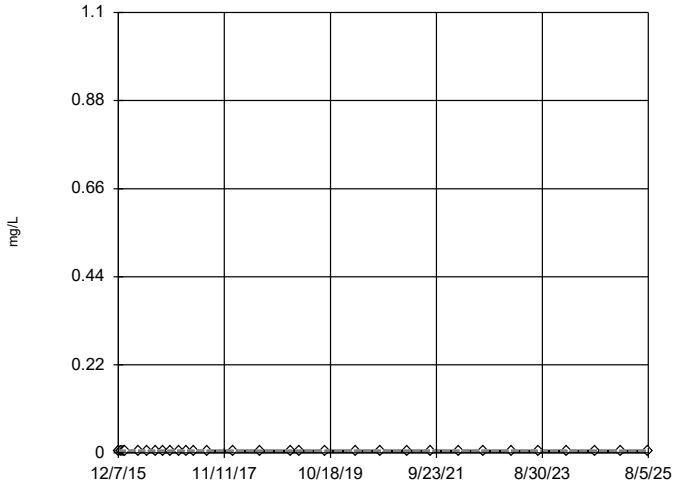
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

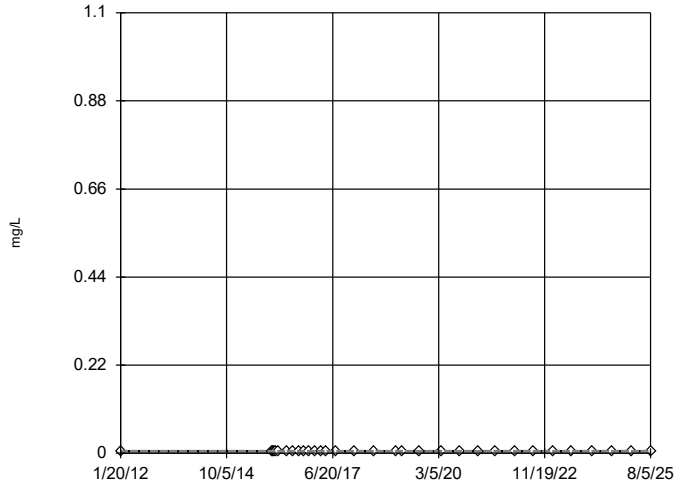
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

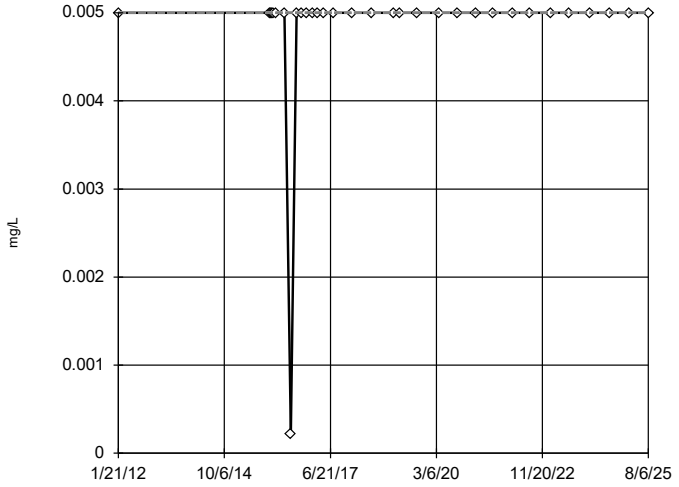
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

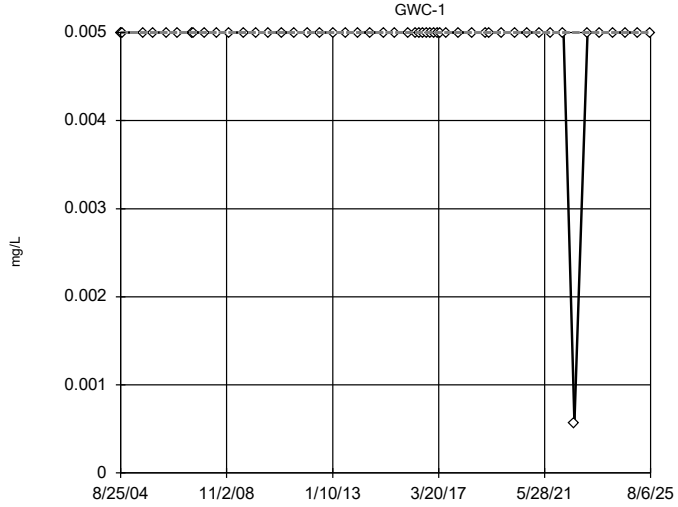
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 52

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

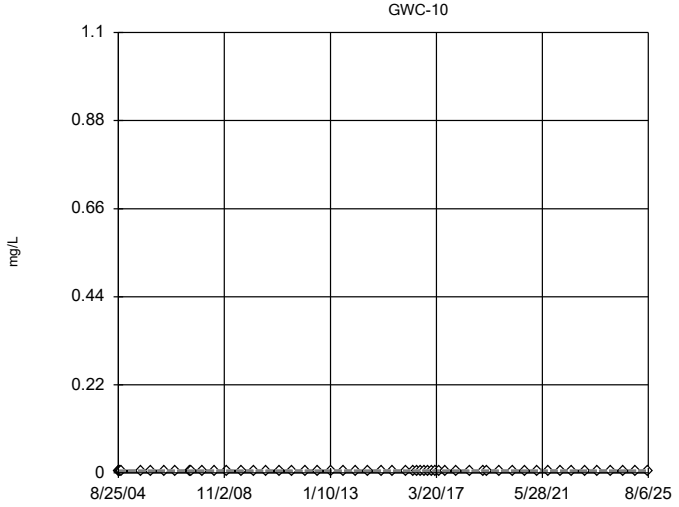
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 53

No outliers found. Tukey's method selected by user.

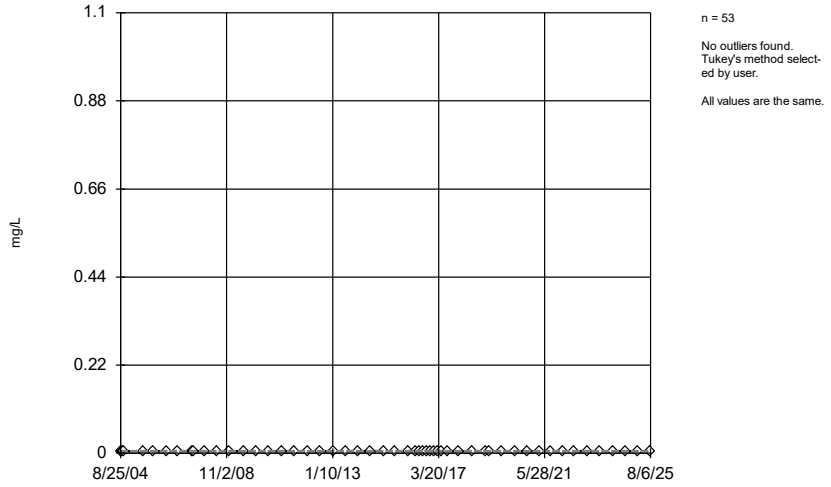
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 53

No outliers found. Tukey's method select-ed by user.

All values are the same.

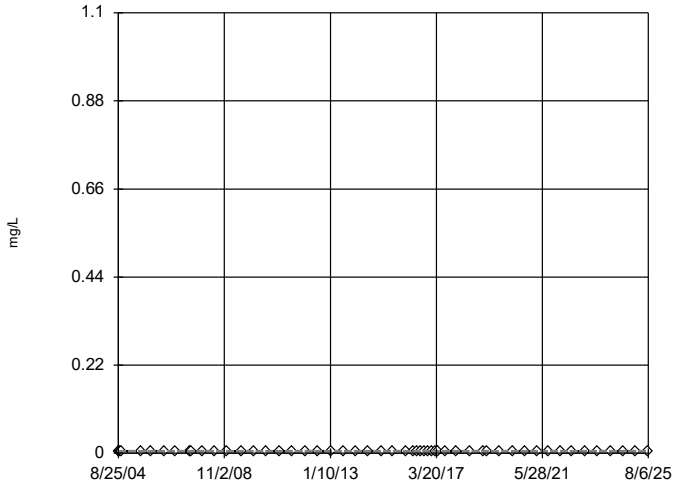
Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-12



n = 53

No outliers found. Tukey's method select-ed by user.

All values are the same.

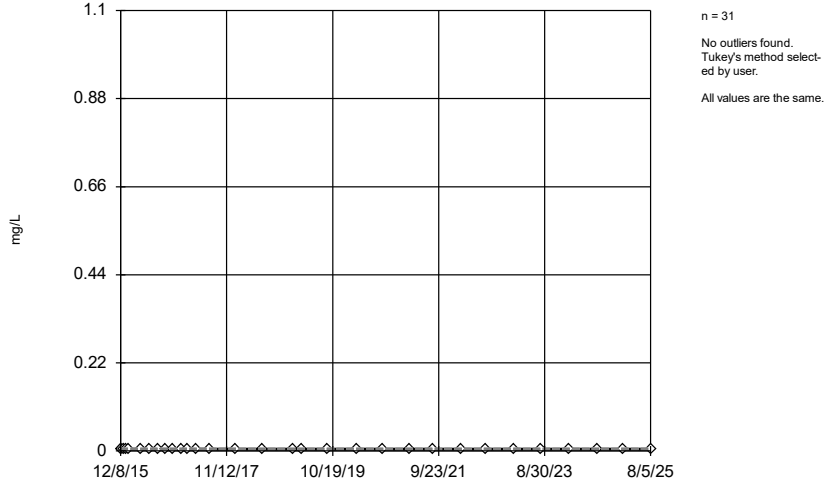
Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method select-ed by user.

All values are the same.

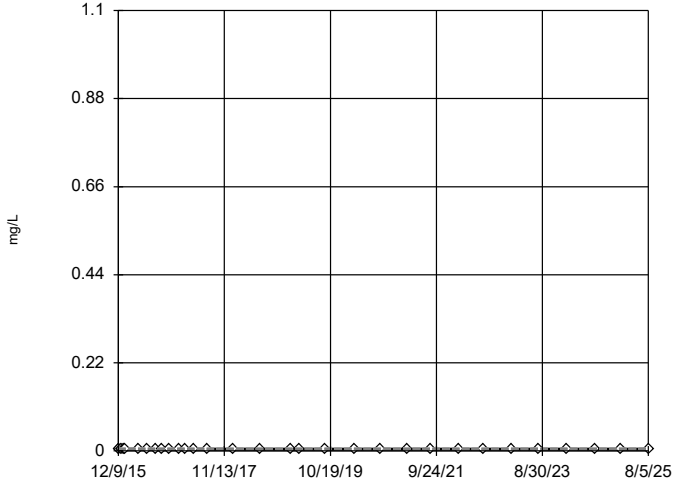
Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method select-ed by user.

All values are the same.

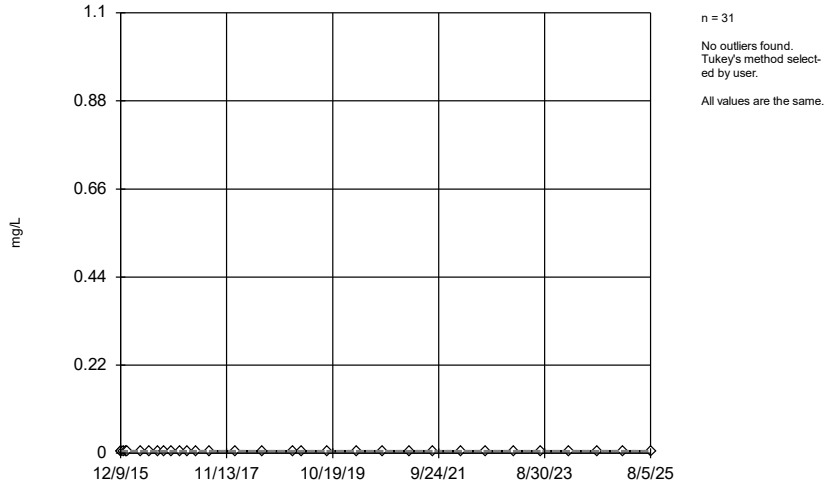
Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

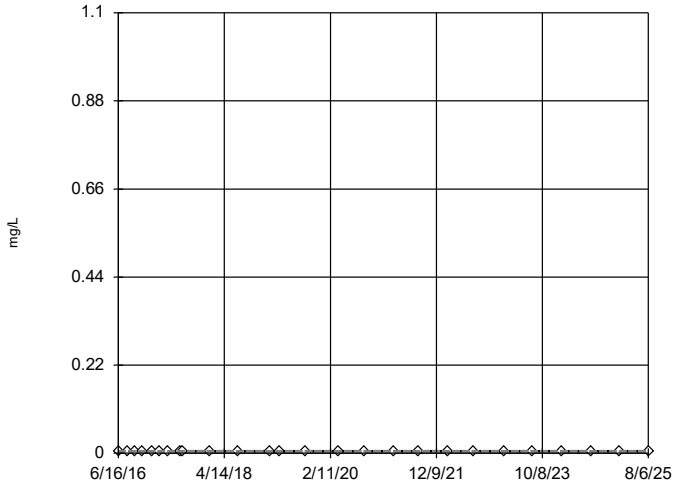
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

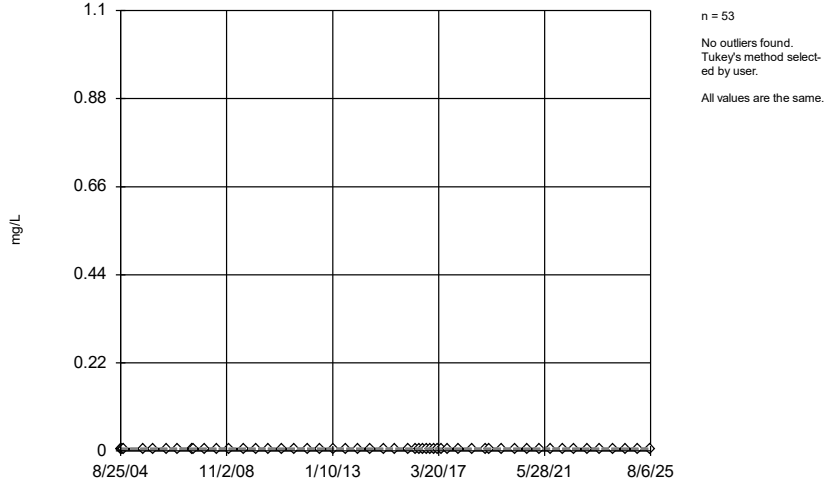
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

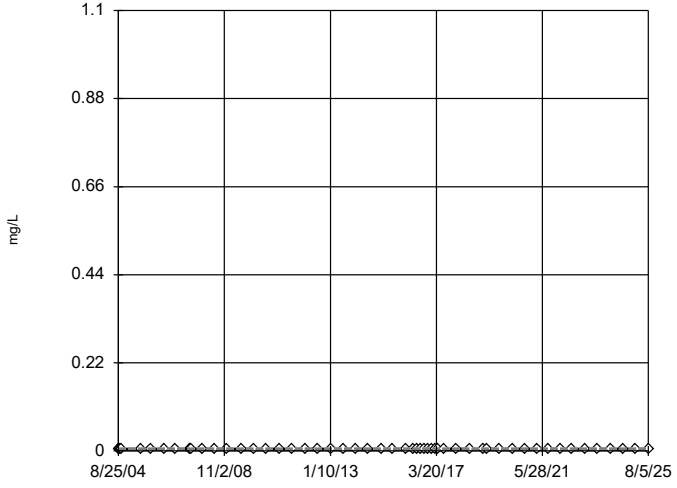
All values are the same.

Constituent: Antimony Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

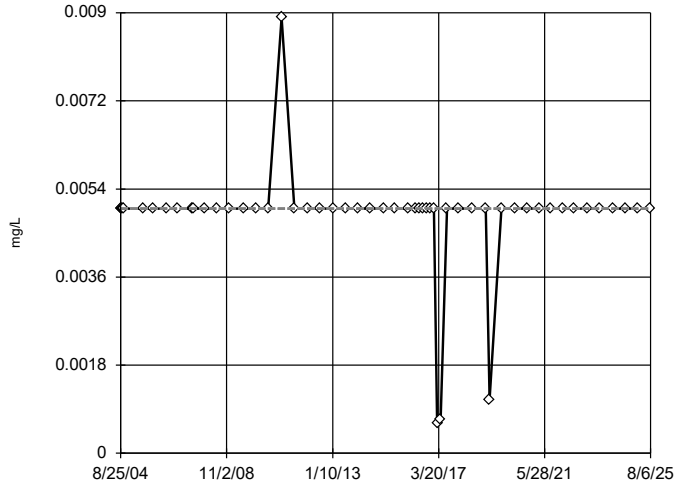
All values are the same.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

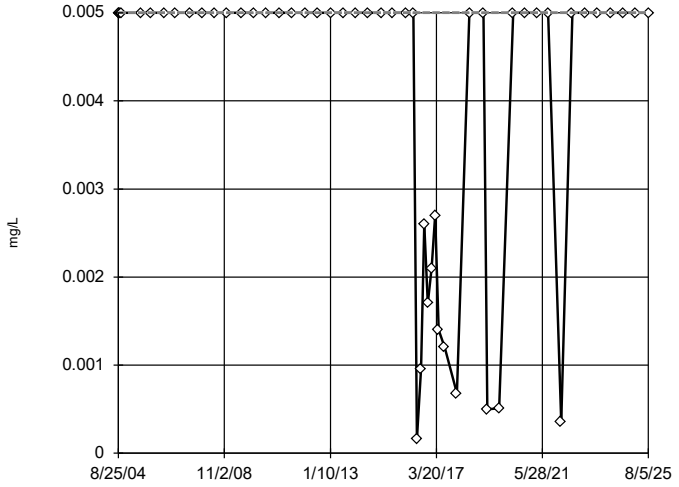
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

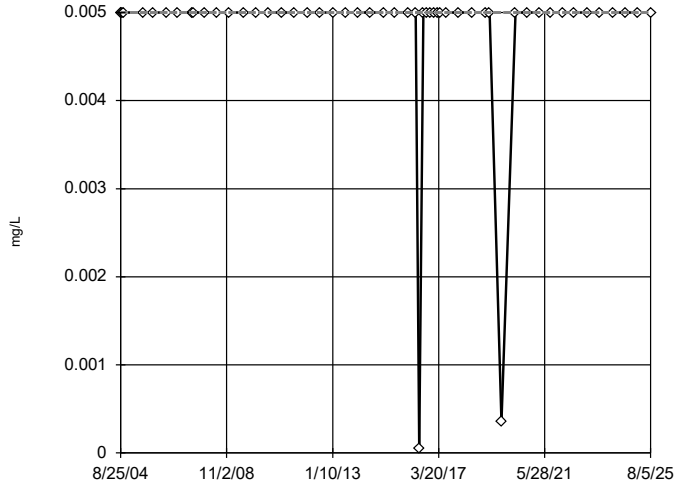
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

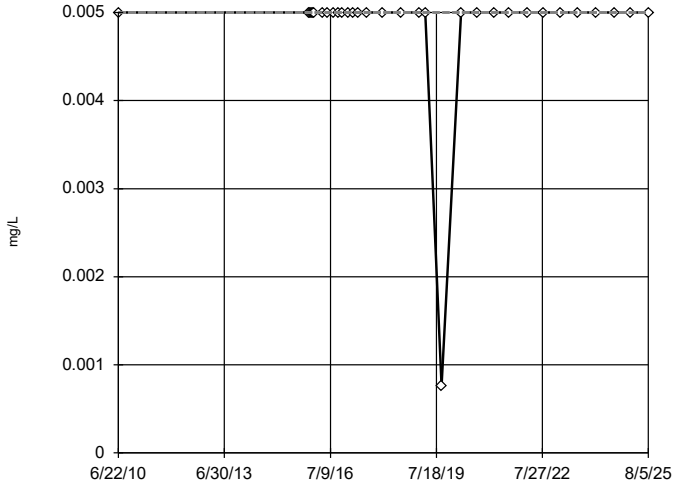
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

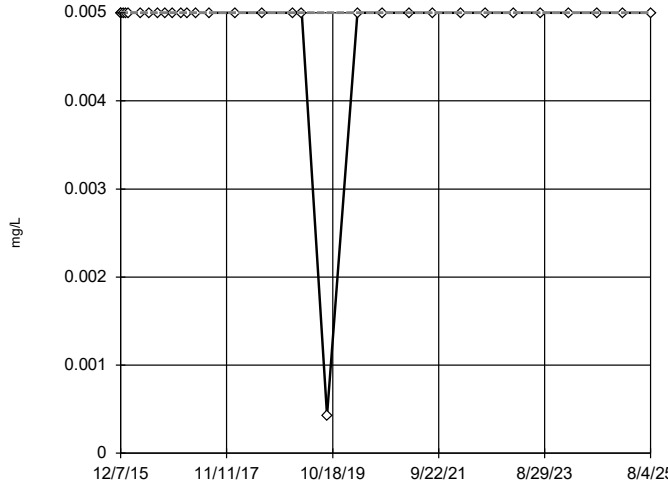
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

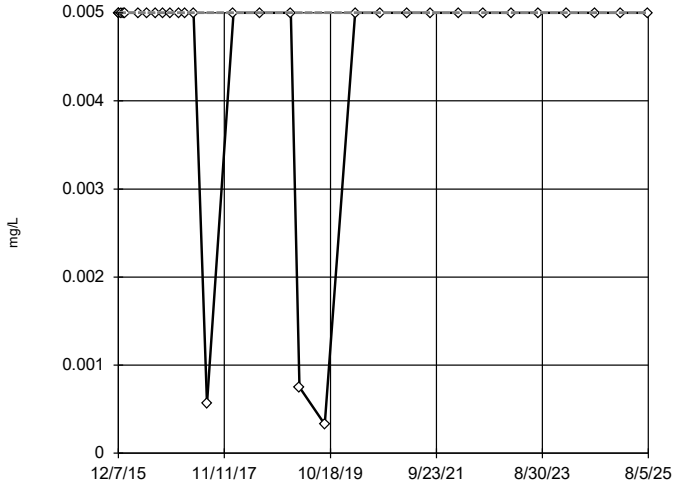
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

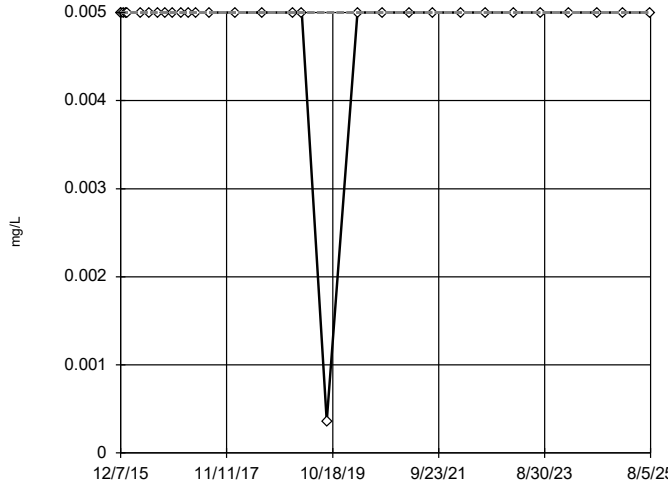
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

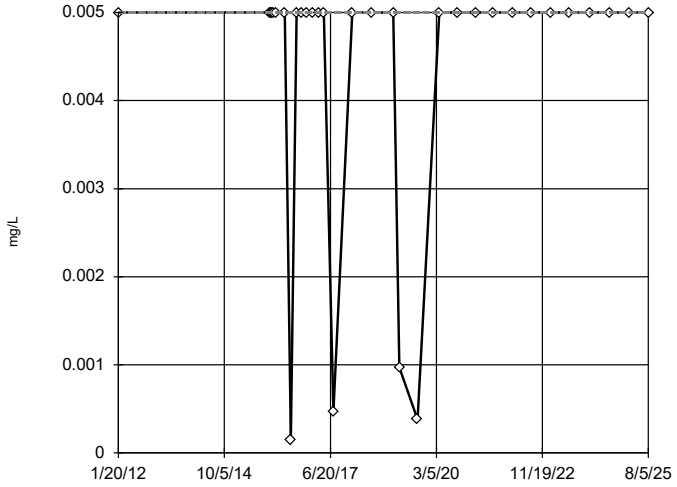
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

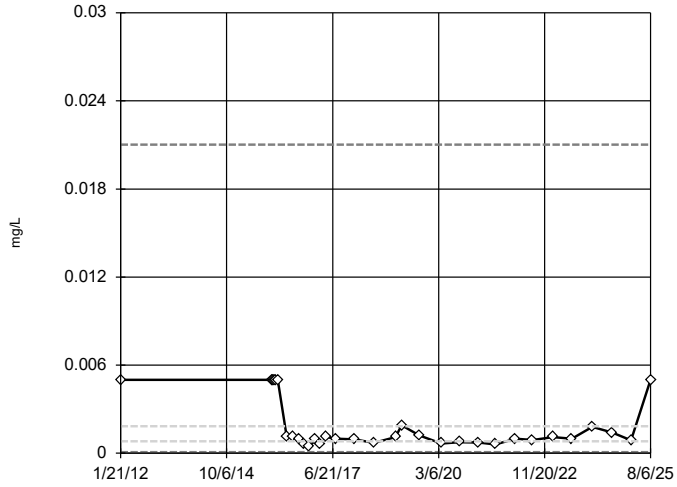
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

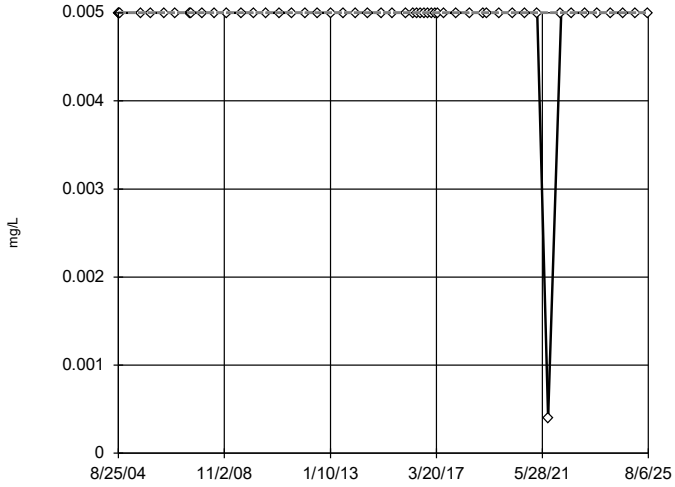
High cutoff = 0.02103, low cutoff = 0.00007234, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 52

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

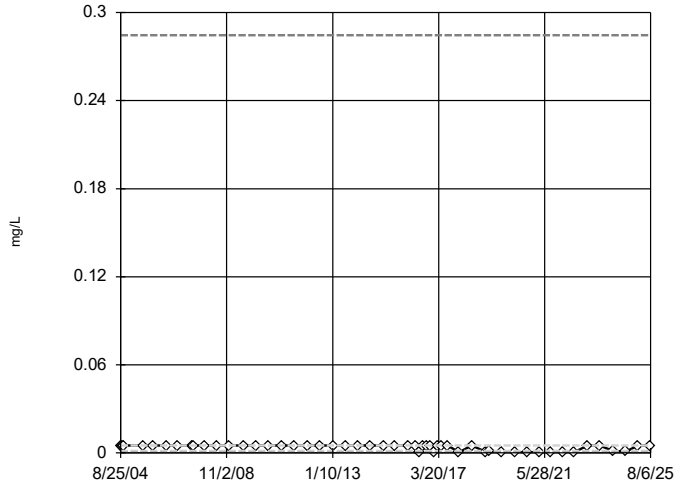
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

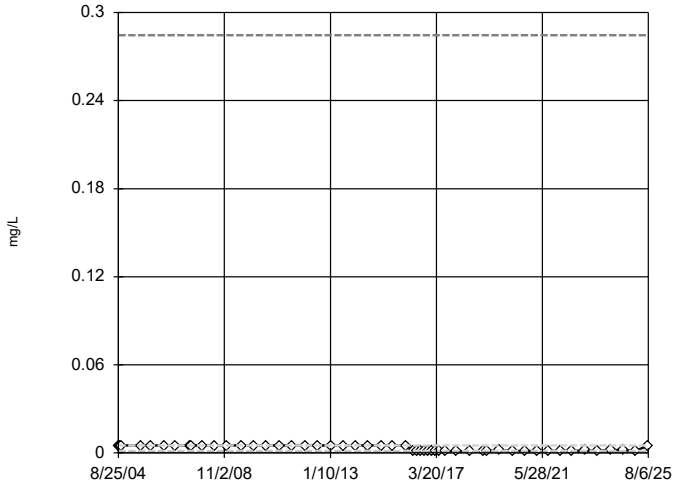
High cutoff = 0.2845, low cutoff = 0.00002285, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

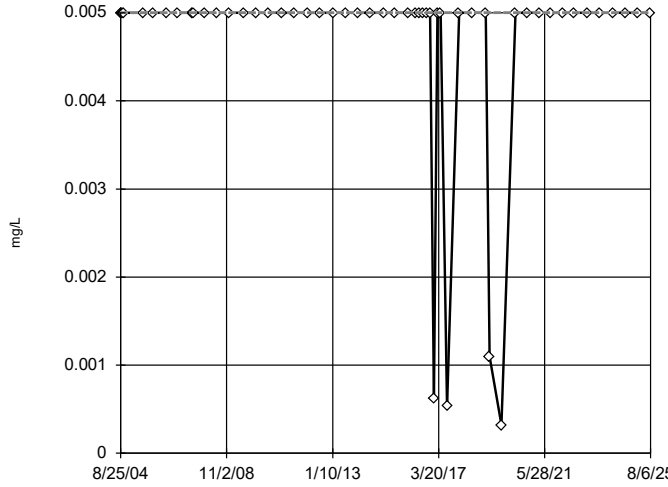
High cutoff = 0.2845, low cutoff = 0.00002285, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 53

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

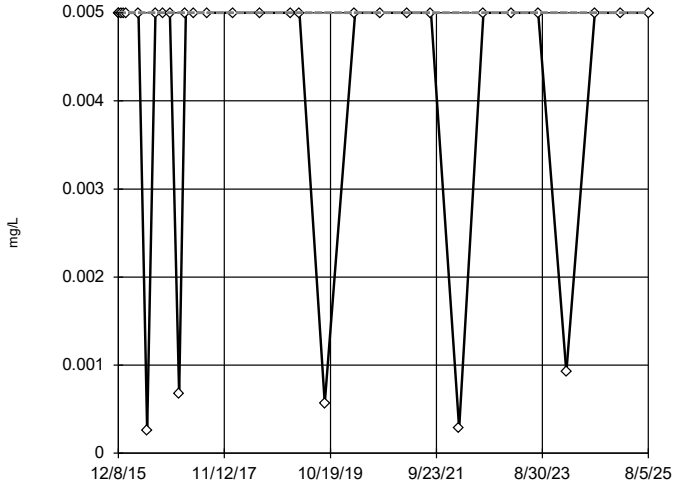
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

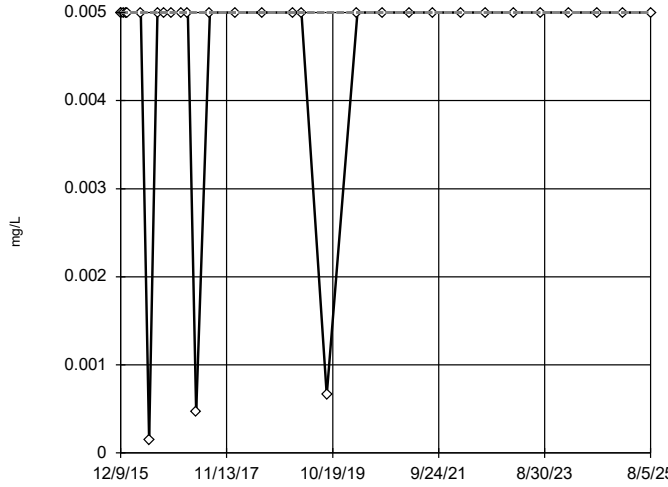
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

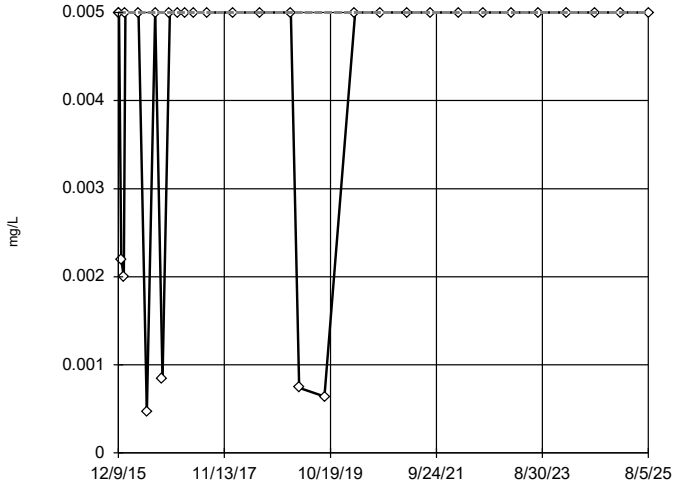
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

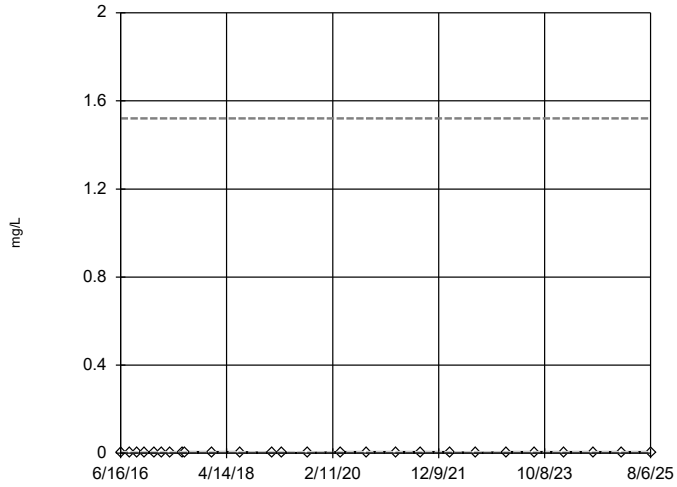
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

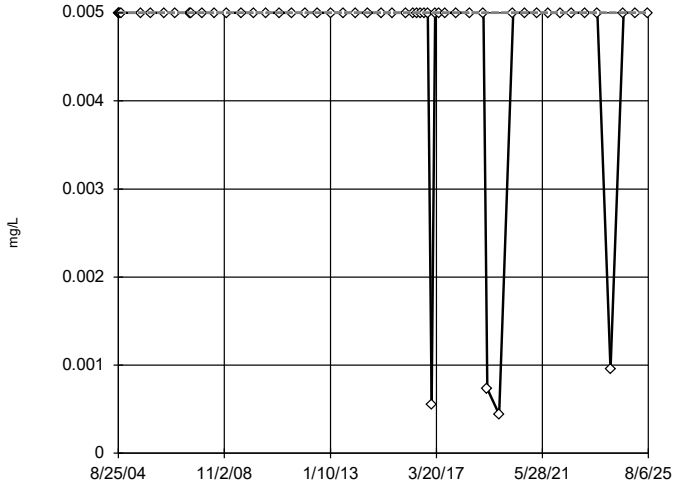
High cutoff = 1.52, low cutoff = 0.000002446, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

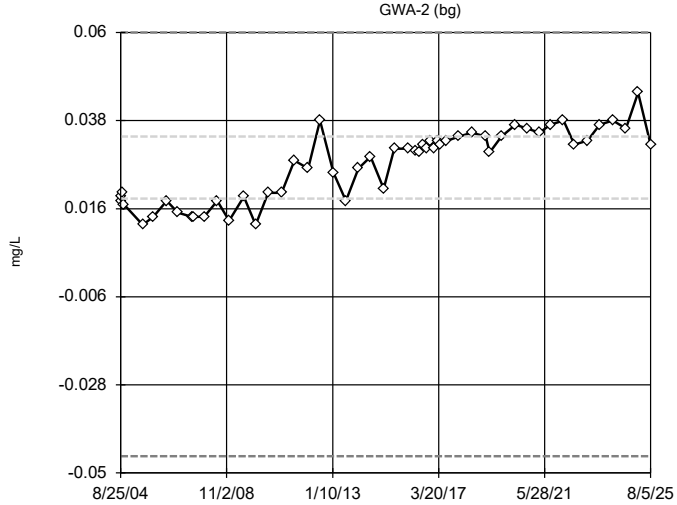
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

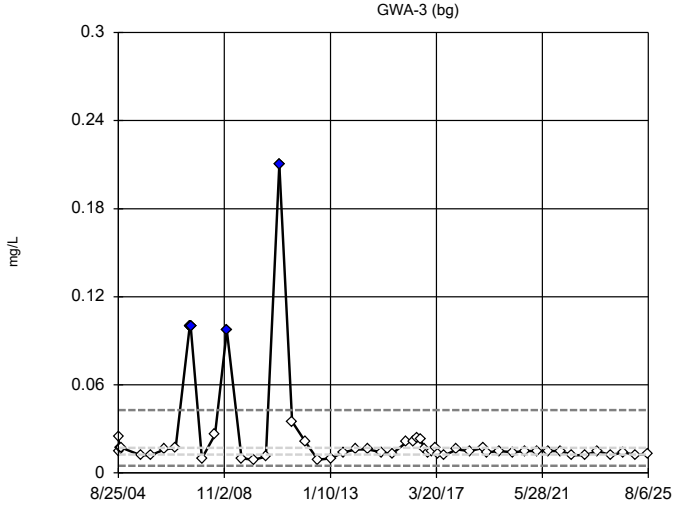
High cutoff = 0.05997, low cutoff = -0.0458, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

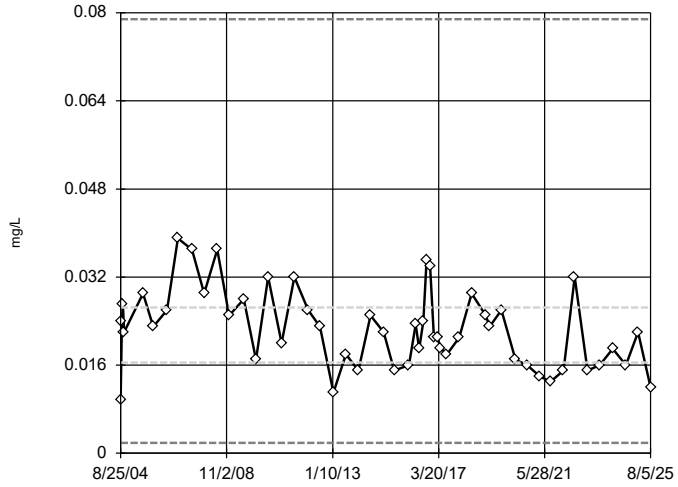
High cutoff = 0.04287, low cutoff = 0.004953, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

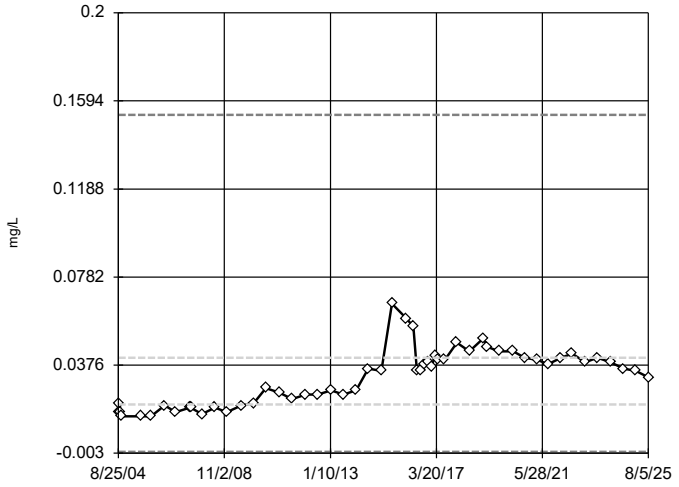
High cutoff = 0.07886, low cutoff = 0.0019, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

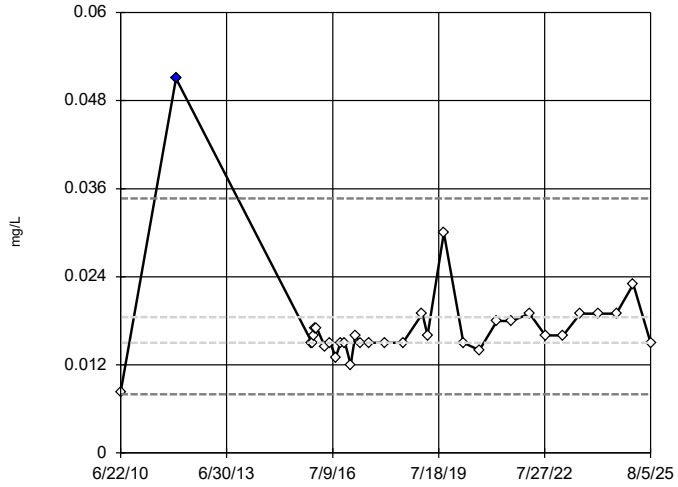
High cutoff = 0.1529, low cutoff = -0.002394, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 33

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

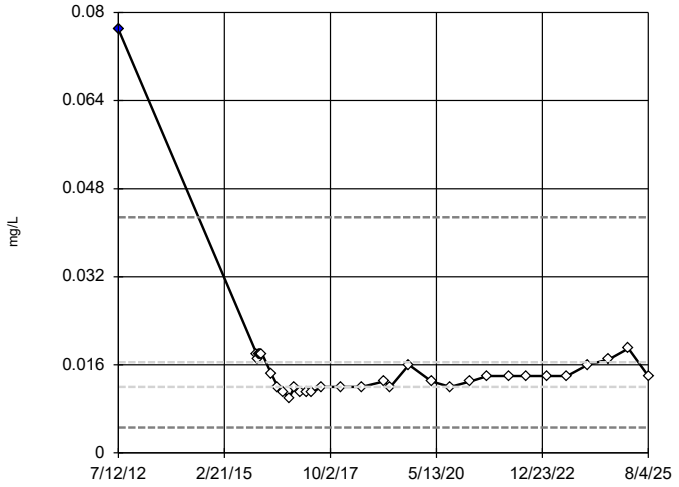
High cutoff = 0.03466, low cutoff = 0.008004, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 32

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

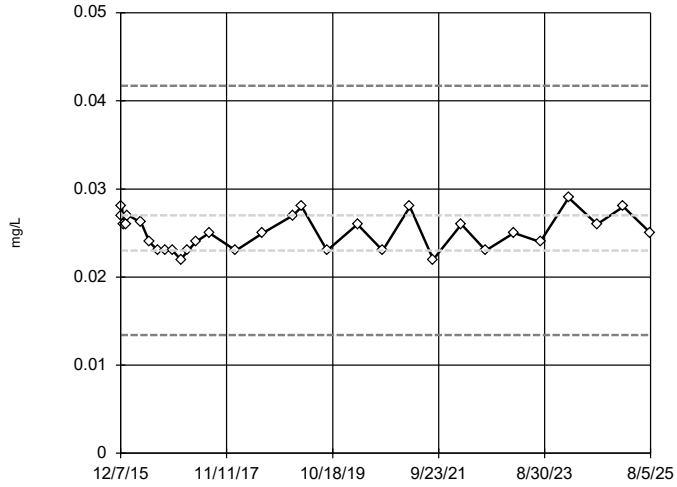
High cutoff = 0.04281, low cutoff = 0.004622, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

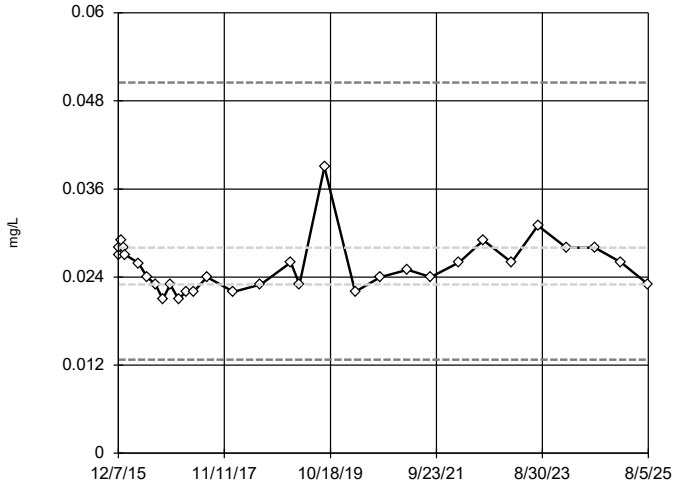
High cutoff = 0.04172, low cutoff = 0.0134, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

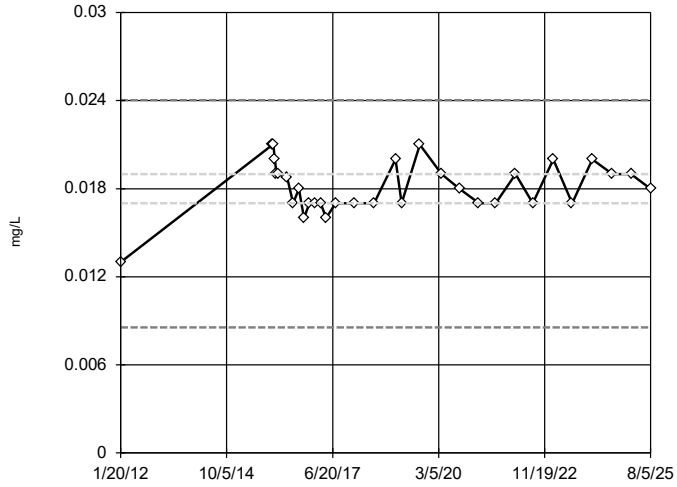
High cutoff = 0.05052, low cutoff = 0.01275, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

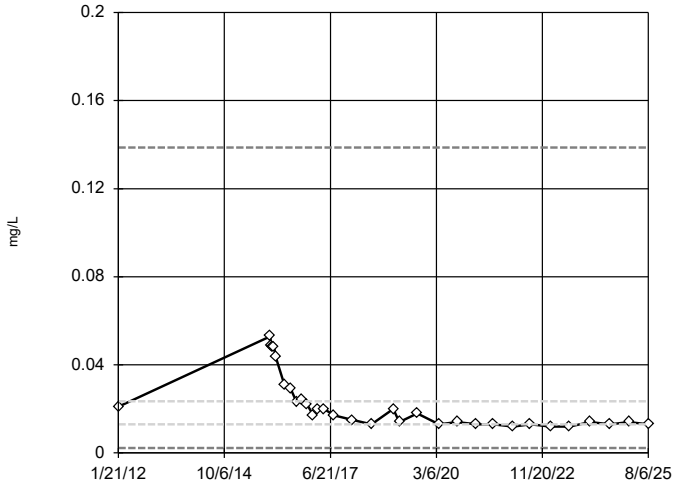
High cutoff = 0.02402, low cutoff = 0.008544, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

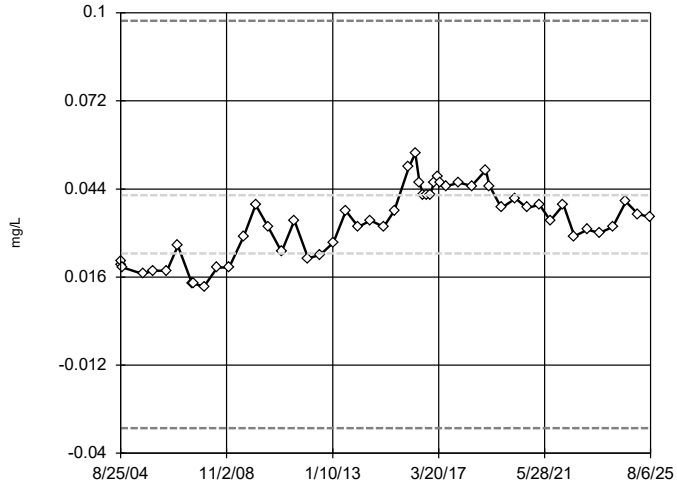
High cutoff = 0.1387, low cutoff = 0.002202, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 52

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

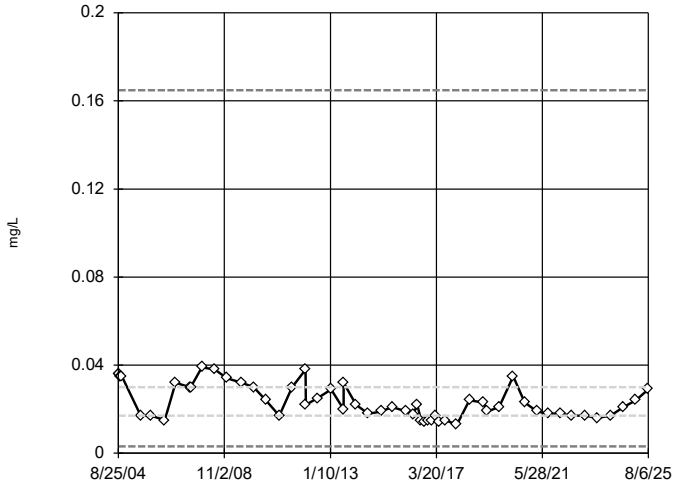
High cutoff = 0.0975, low cutoff = -0.032, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 55

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

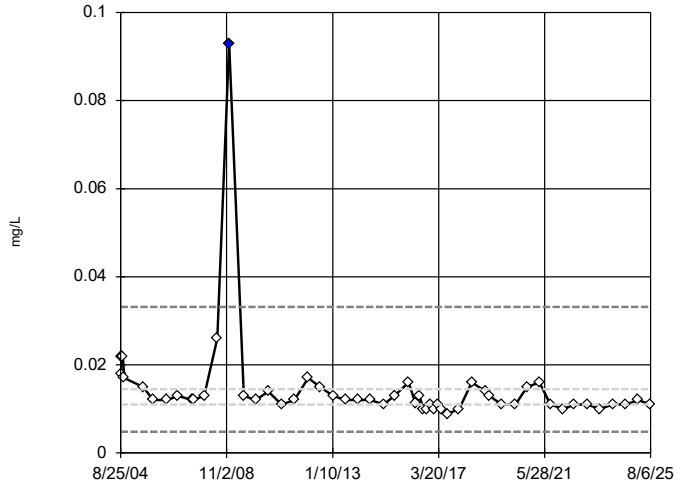
High cutoff = 0.1649, low cutoff = 0.003093, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 53

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

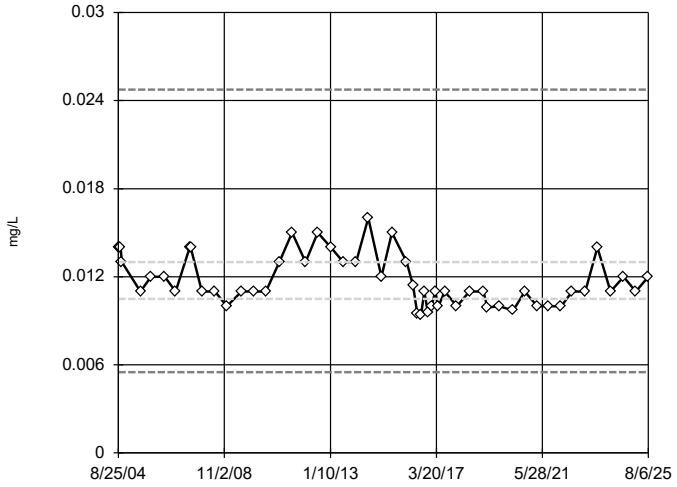
High cutoff = 0.03313, low cutoff = 0.004811, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

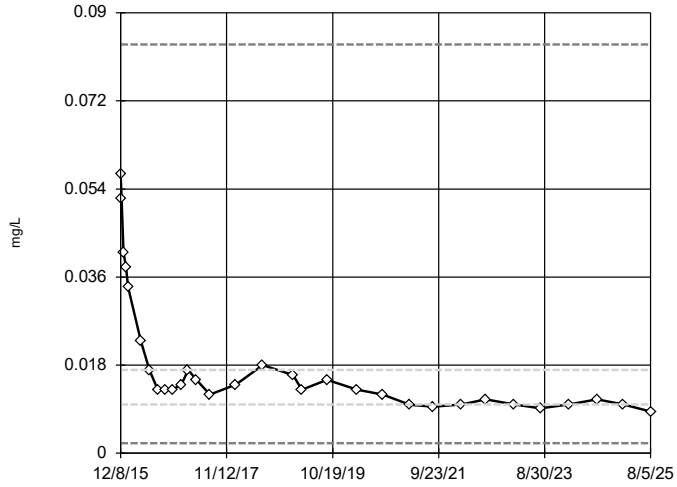
High cutoff = 0.02476, low cutoff = 0.005508, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

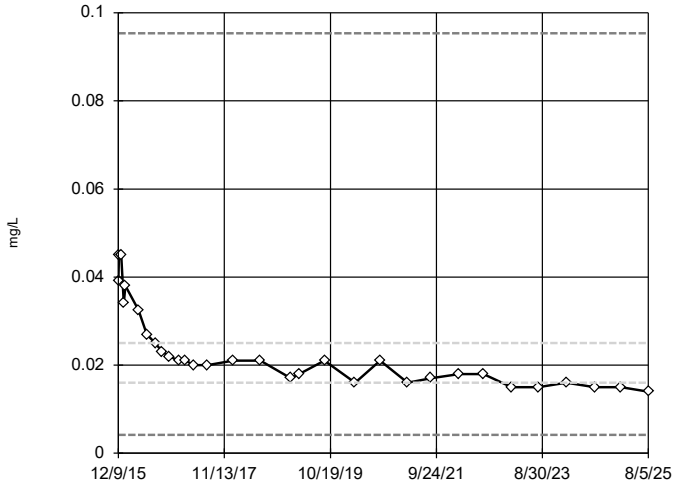
High cutoff = 0.08352, low cutoff = 0.002035, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

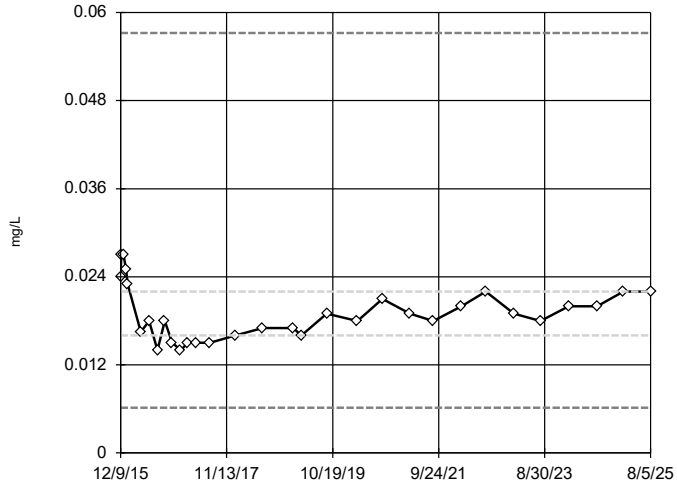
High cutoff = 0.09537, low cutoff = 0.004194, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

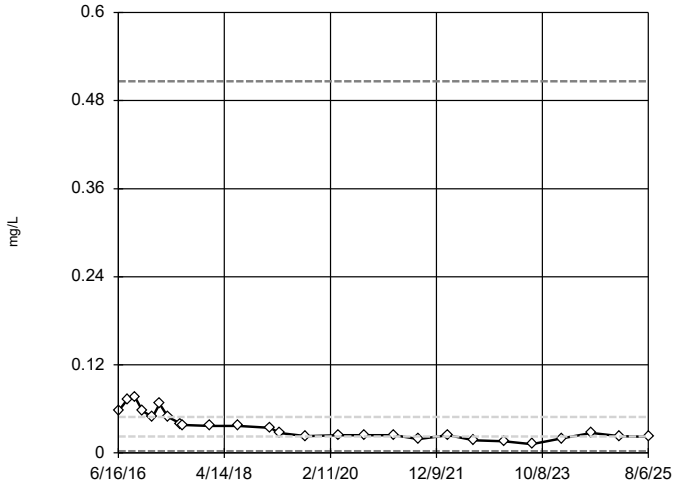
High cutoff = 0.05719, low cutoff = 0.006155, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

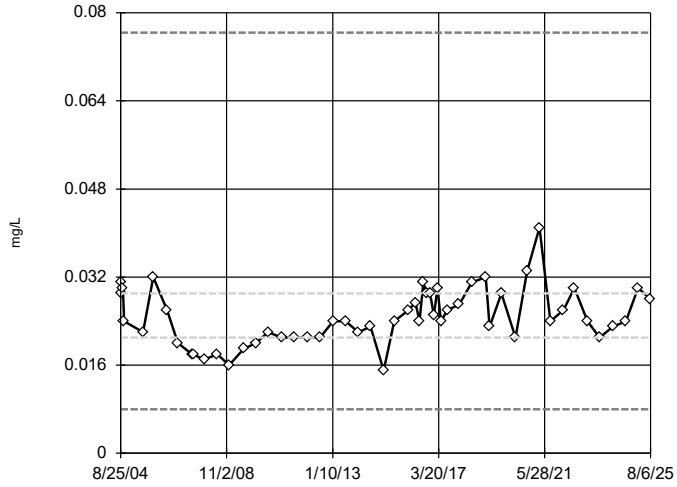
High cutoff = 0.5065, low cutoff = 0.002176, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

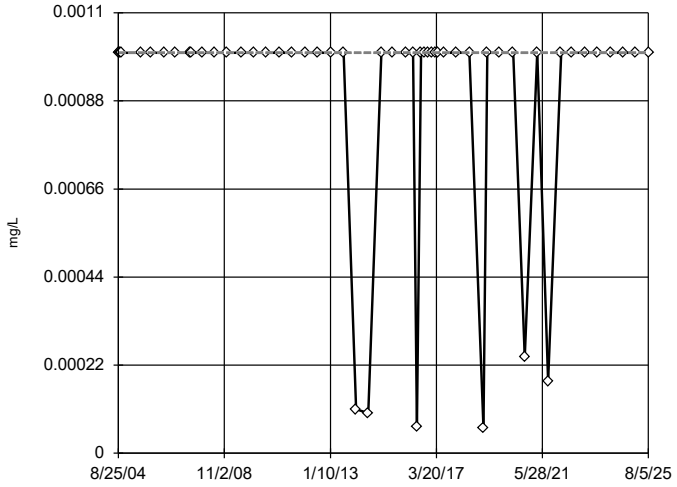
High cutoff = 0.07637, low cutoff = 0.007974, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

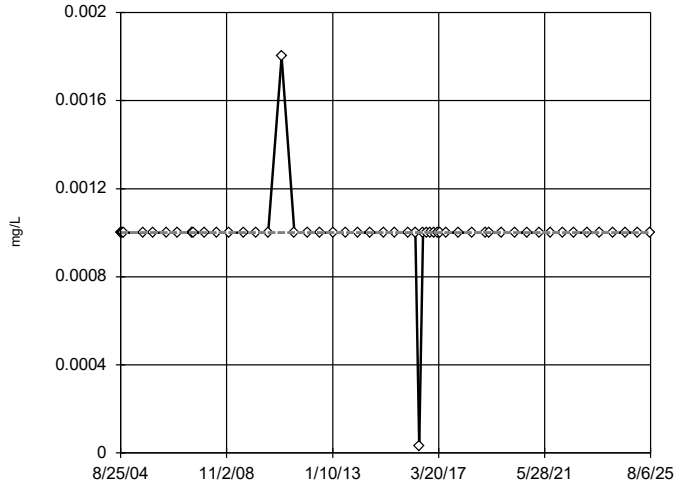
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

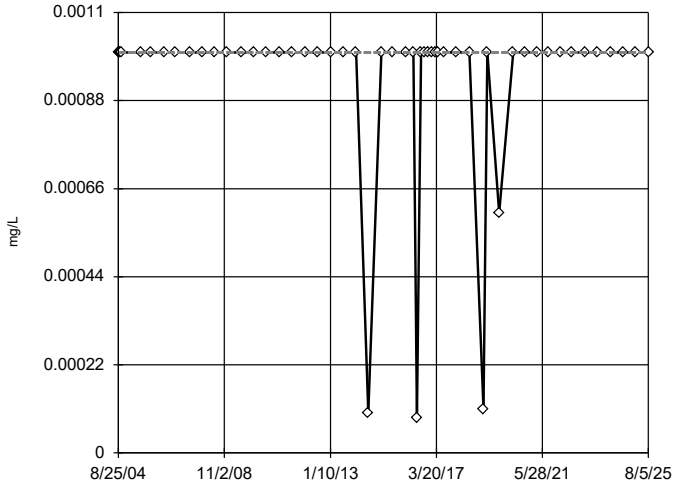
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

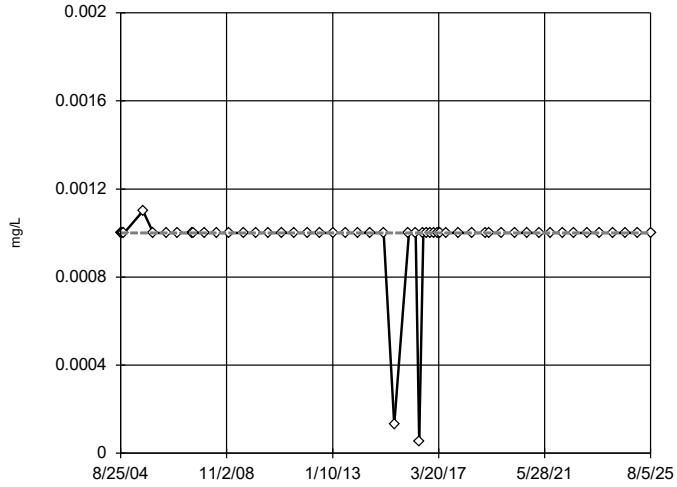
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

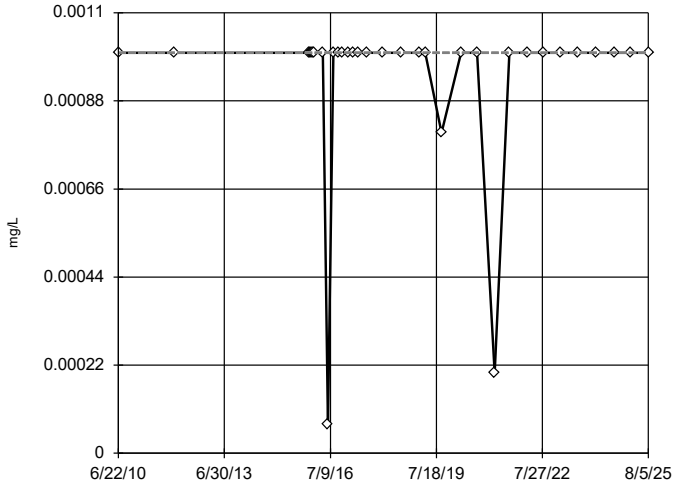
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 33

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

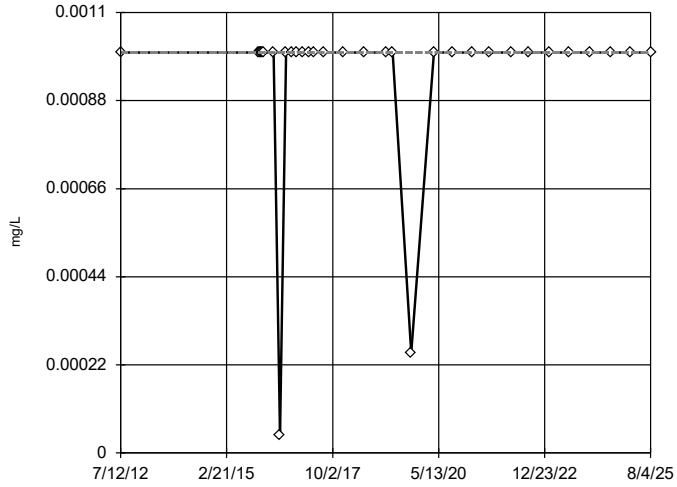
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

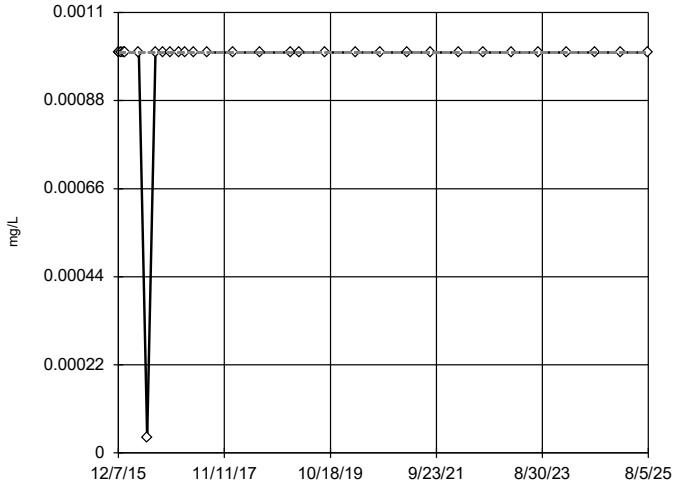
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

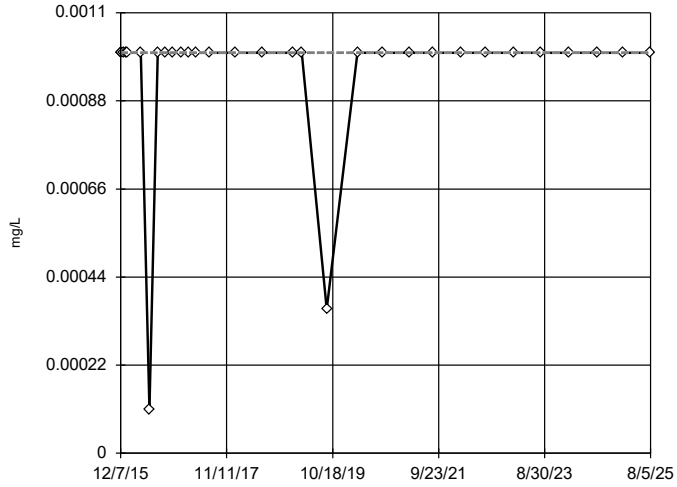
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:04 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

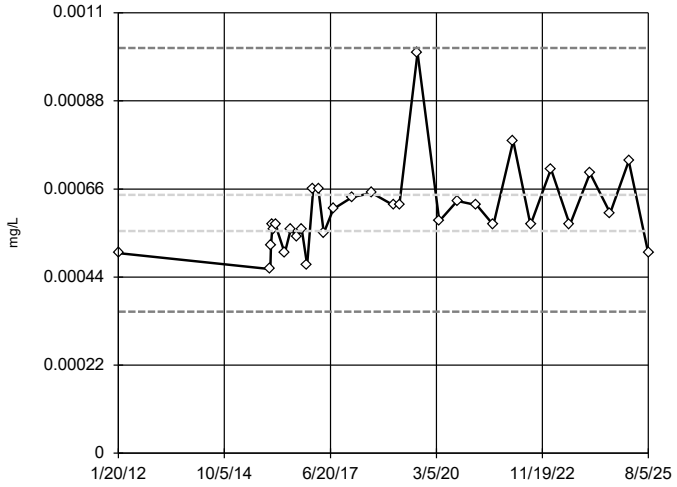
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

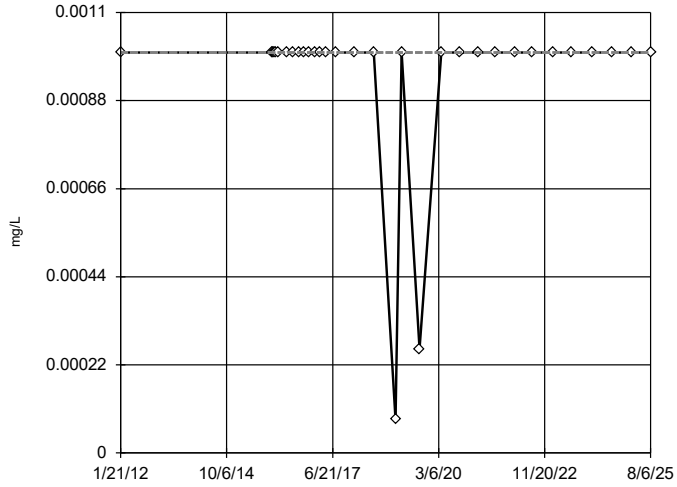
High cutoff = 0.001012, low cutoff = 0.0003536, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

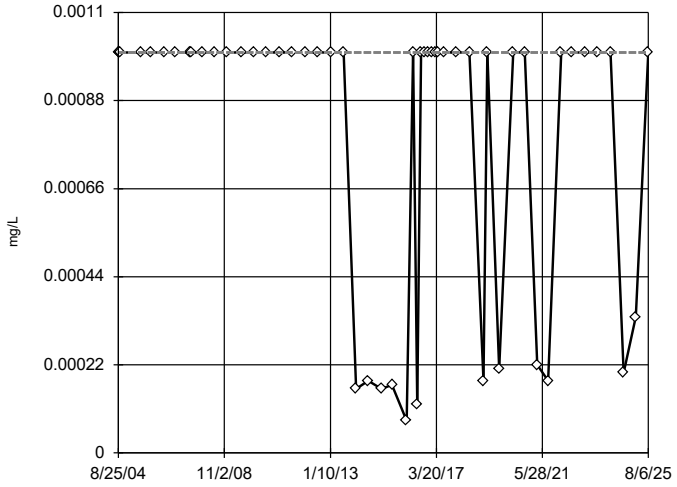
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 52

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

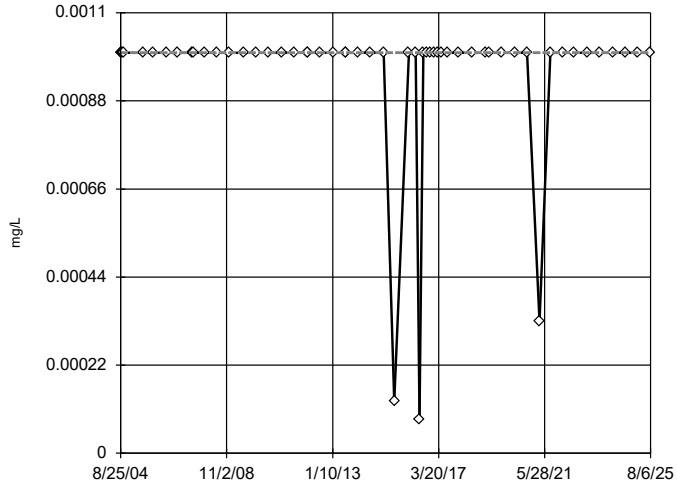
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 55

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

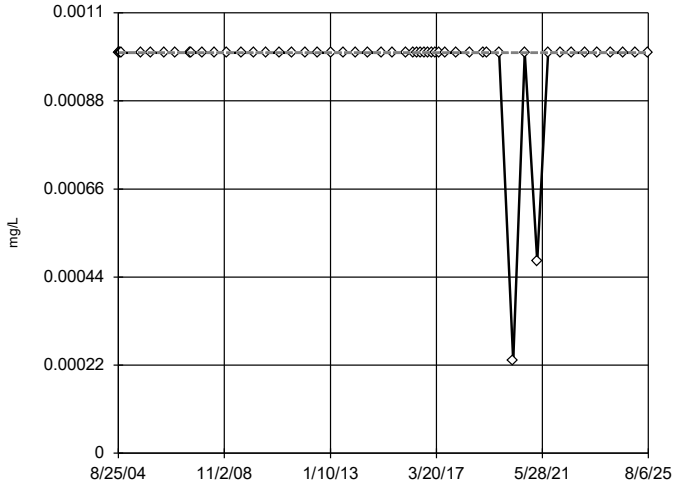
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 53

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

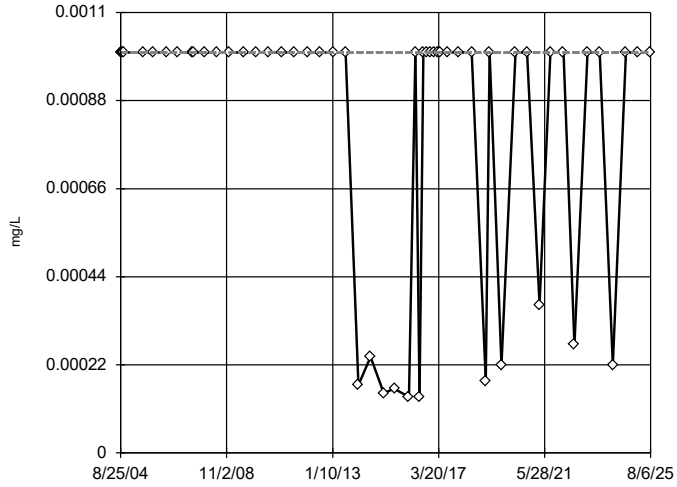
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

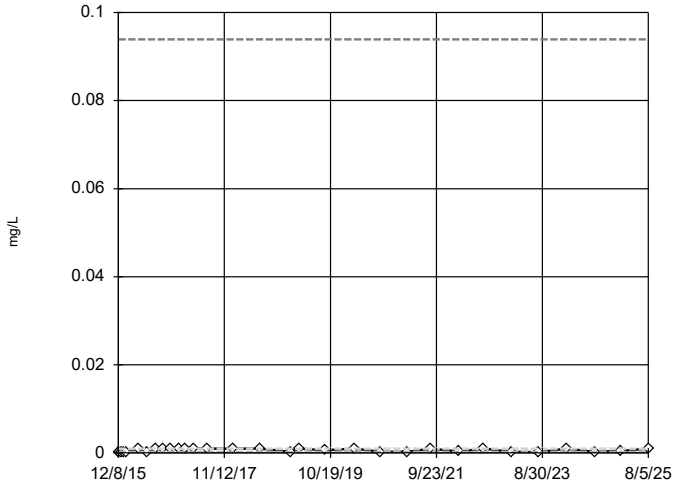
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

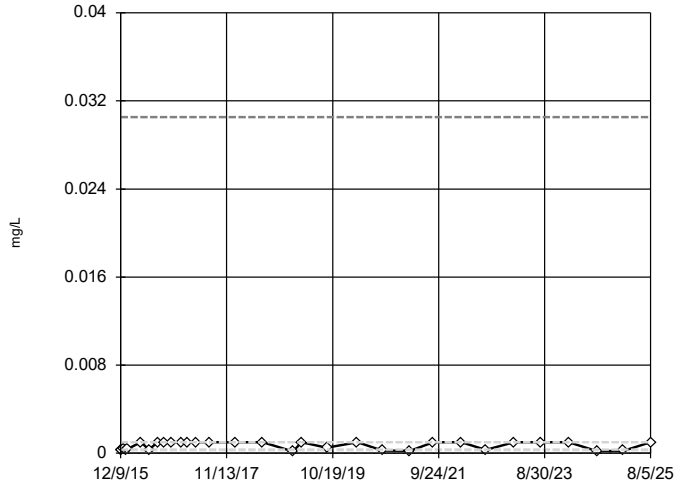
High cutoff = 0.09391, low cutoff = 0.000002343, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

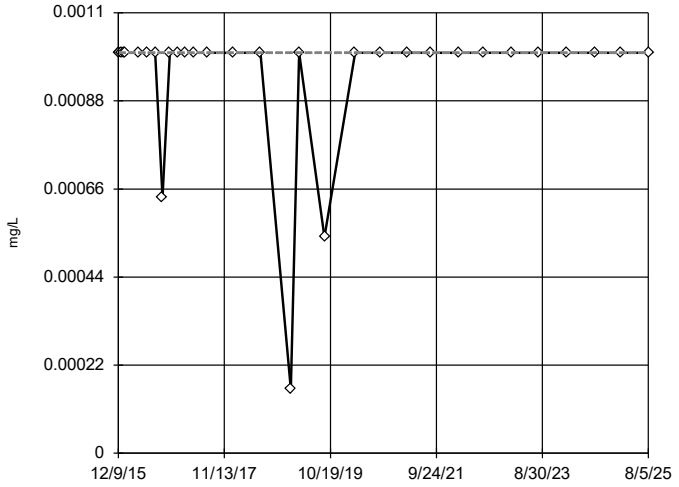
High cutoff = 0.03052, low cutoff = 0.00001049, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

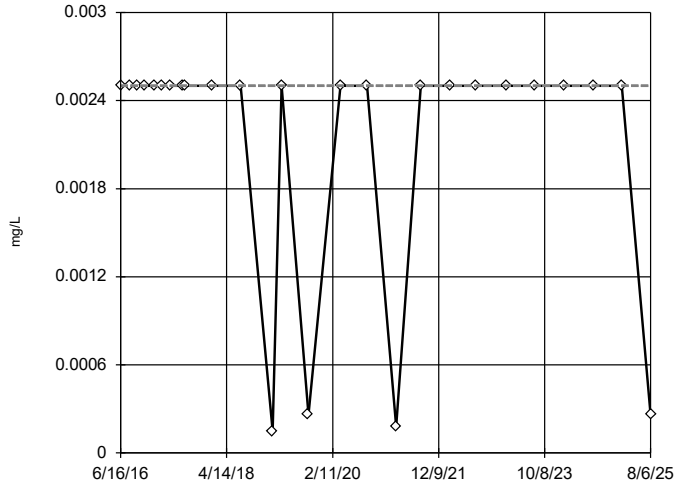
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

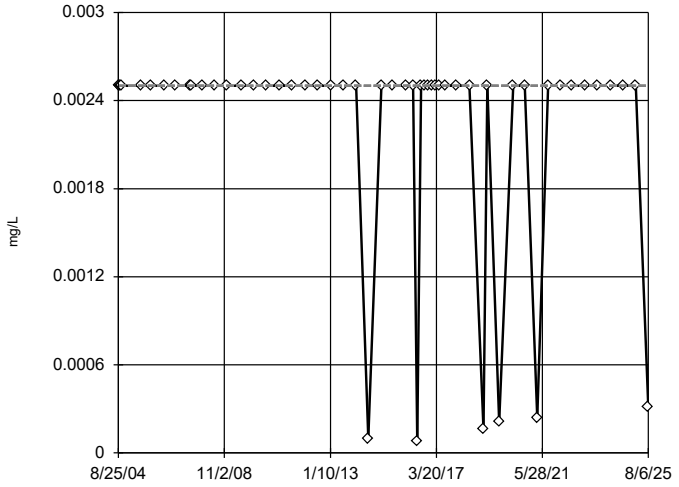
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

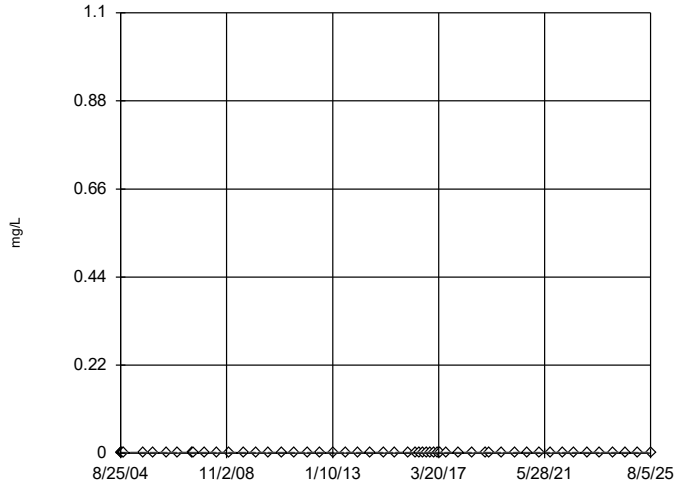
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

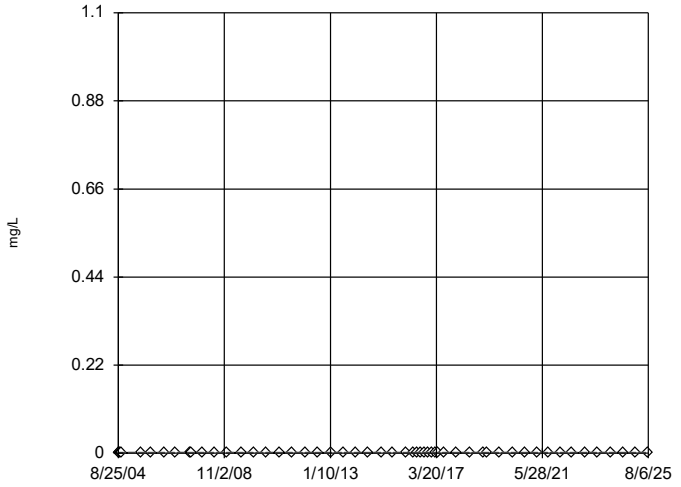
All values are the same.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

No outliers found. Tukey's method selected by user.

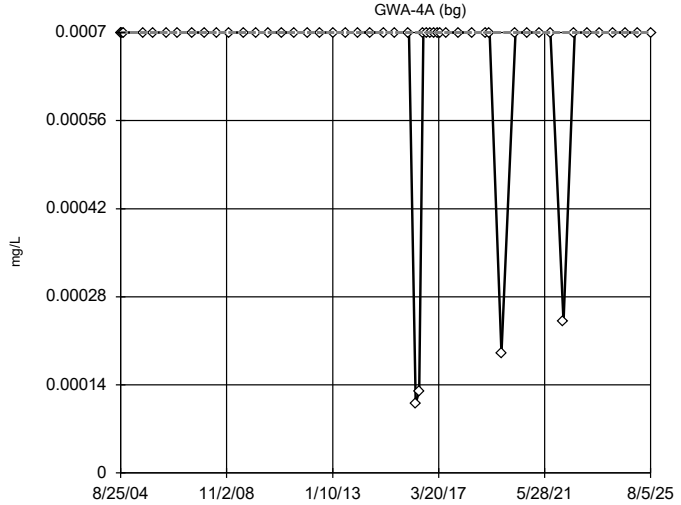
All values are the same.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

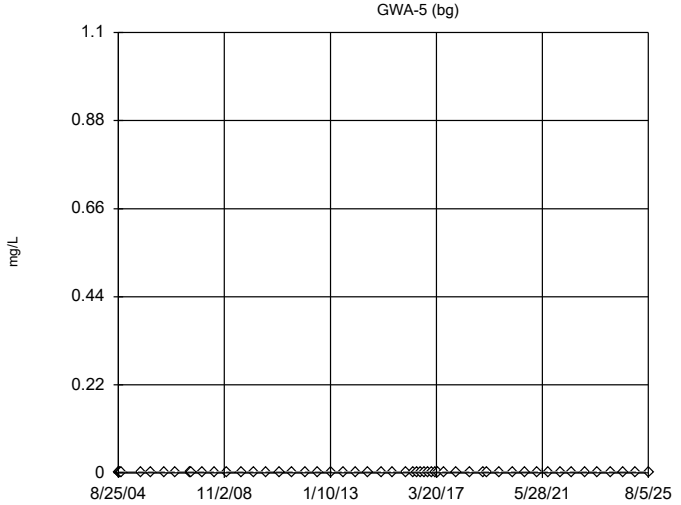
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

No outliers found. Tukey's method selected by user.

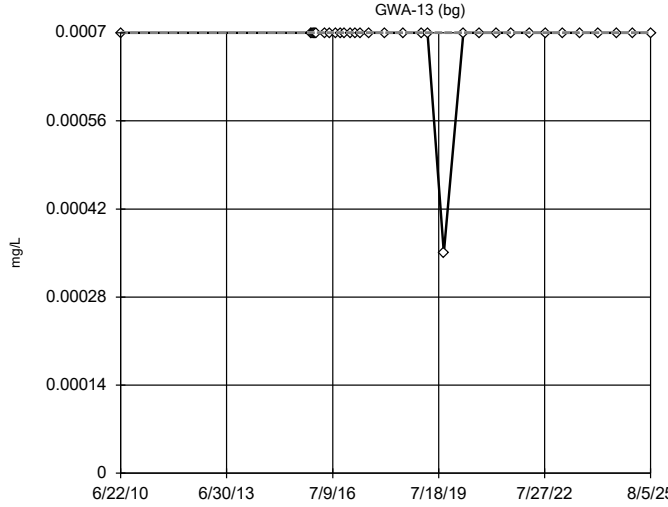
All values are the same.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

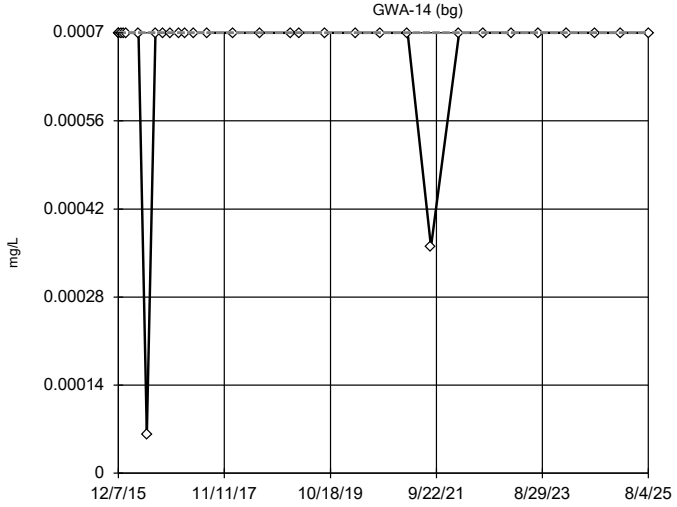
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

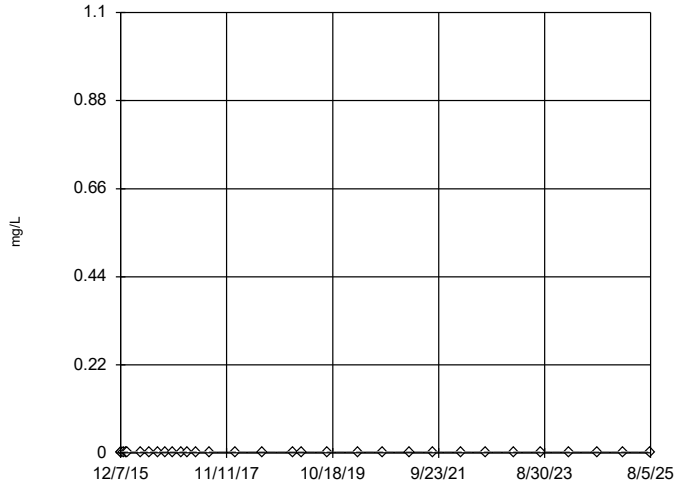
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

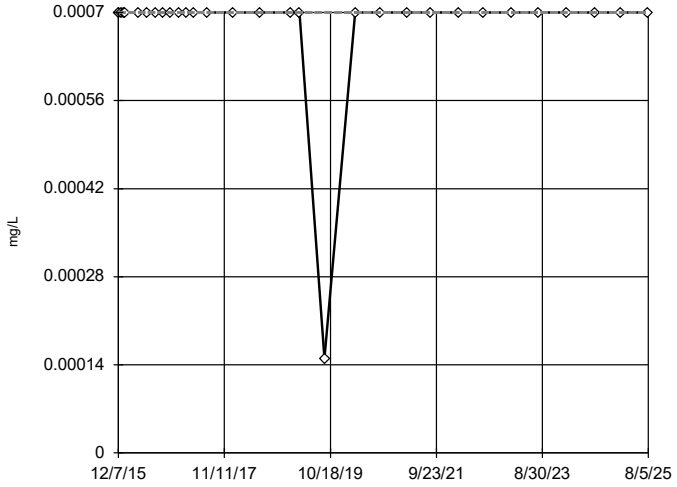
All values are the same.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

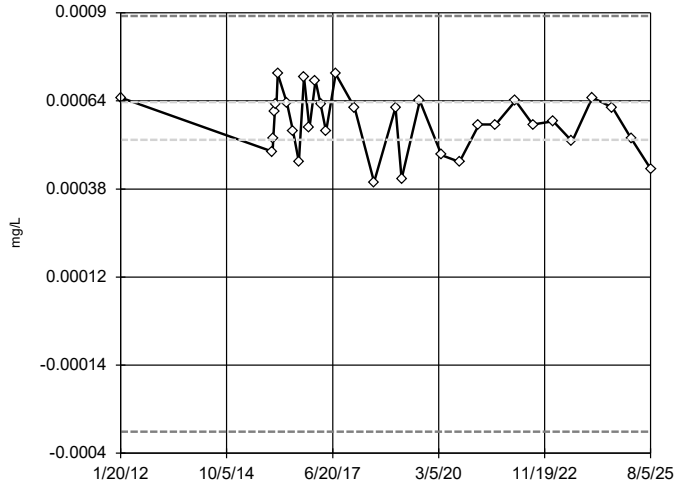
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

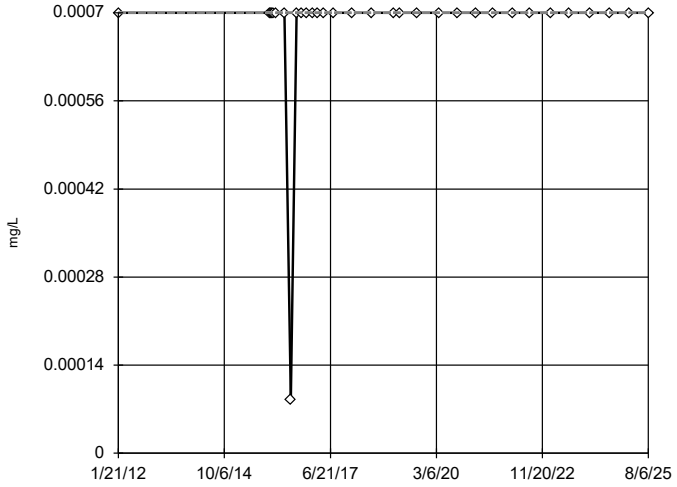
High cutoff = 0.0008909, low cutoff = -0.0003359, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

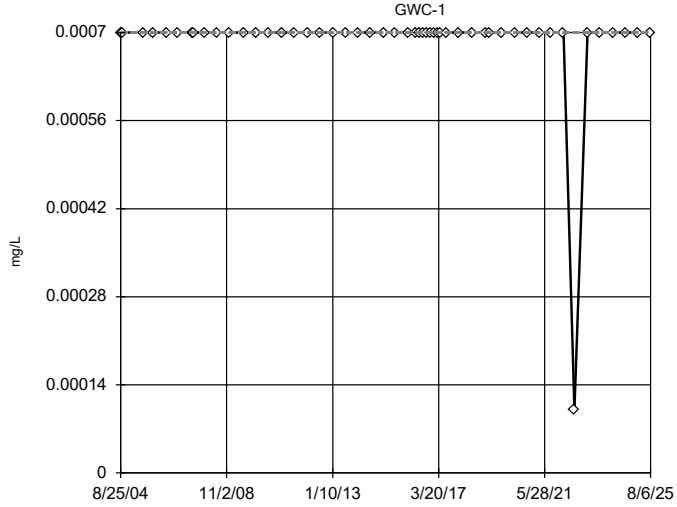
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 52

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

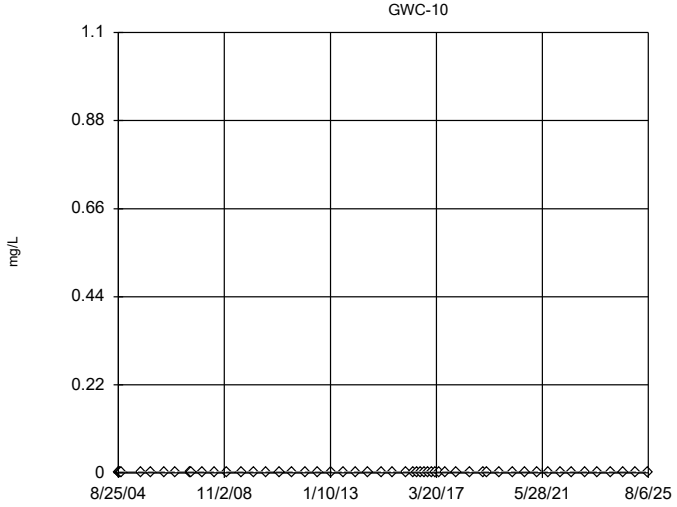
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 53

No outliers found. Tukey's method selected by user.

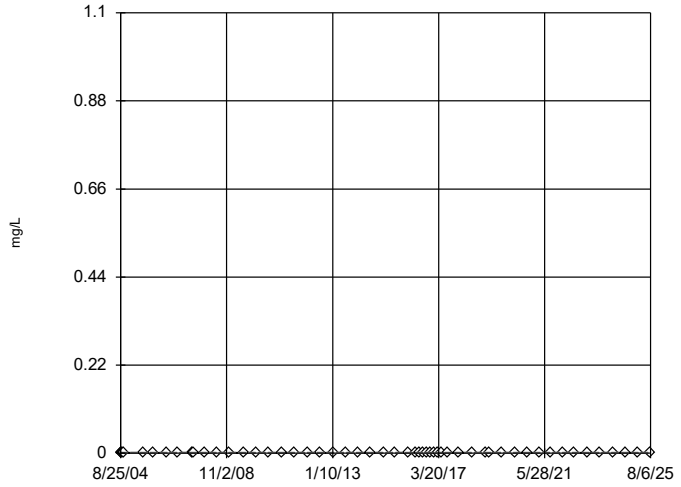
All values are the same.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-11



n = 53

No outliers found. Tukey's method select-ed by user.

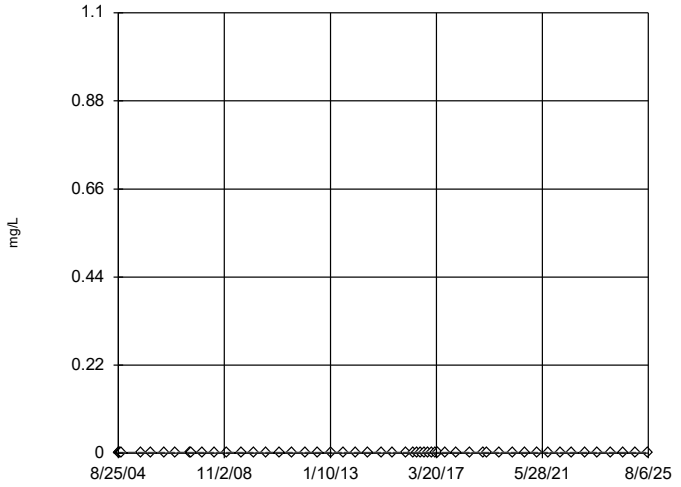
All values are the same.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-12



n = 53

No outliers found. Tukey's method select-ed by user.

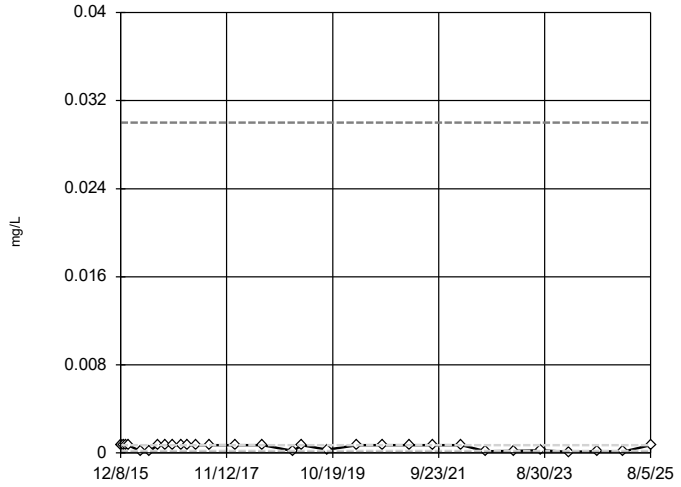
All values are the same.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method select-ed by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

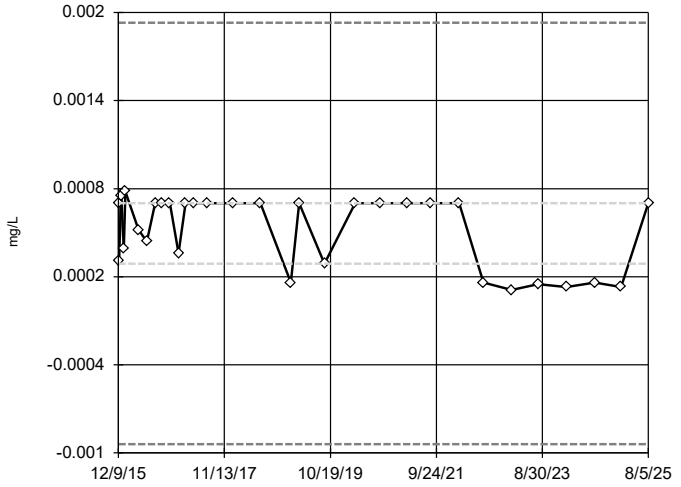
High cutoff = 0.03001, low cutoff = 0.000004665, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method select-ed by user.

Data were x^5 transform-ed to achieve best W stat-istic (graph shown in original units).

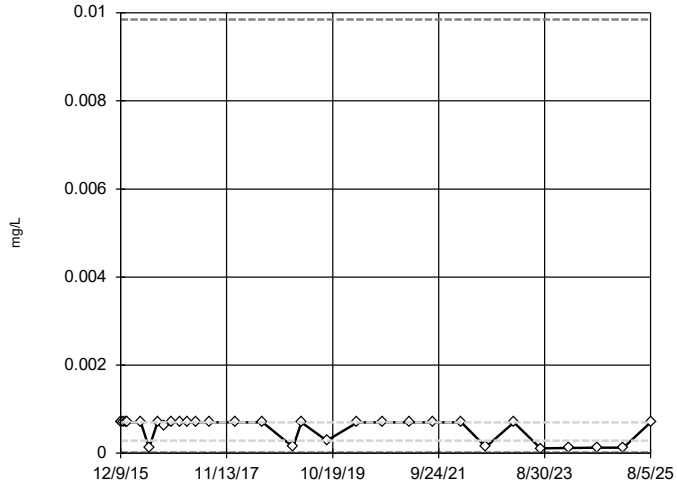
The results were invalid-ated, because both the lower and upper quartiles represent reporting limits.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

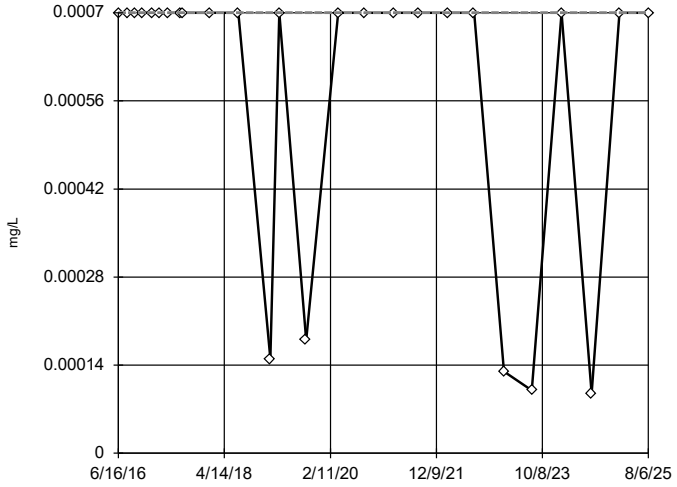
High cutoff = 0.009845, low cutoff = 0.00002062, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

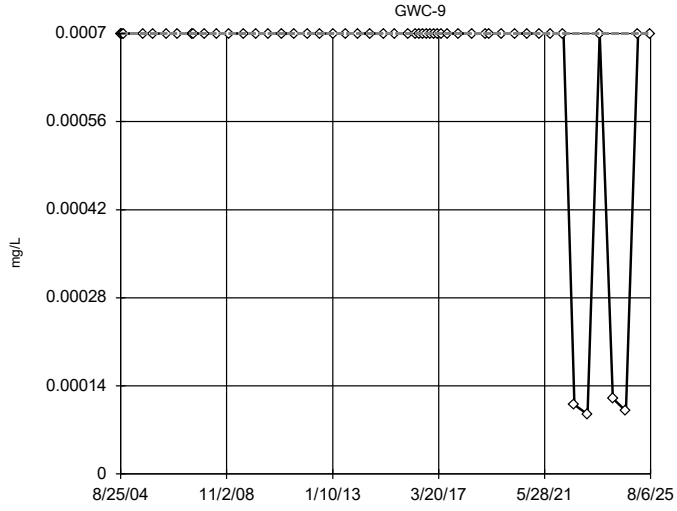
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

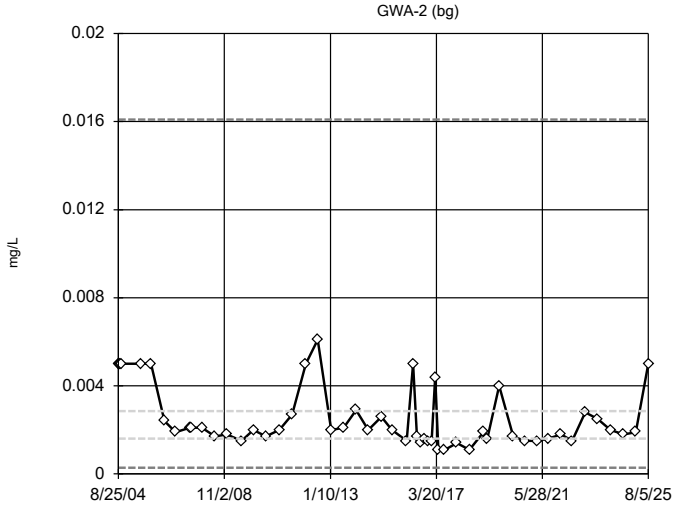
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

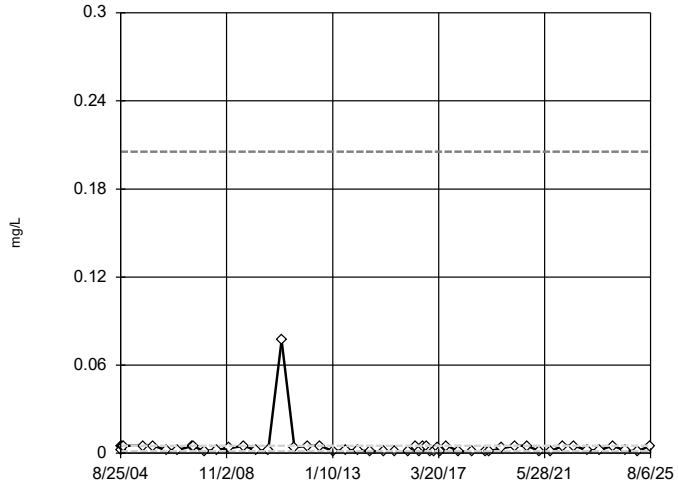
High cutoff = 0.0161, low cutoff = 0.0002832, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

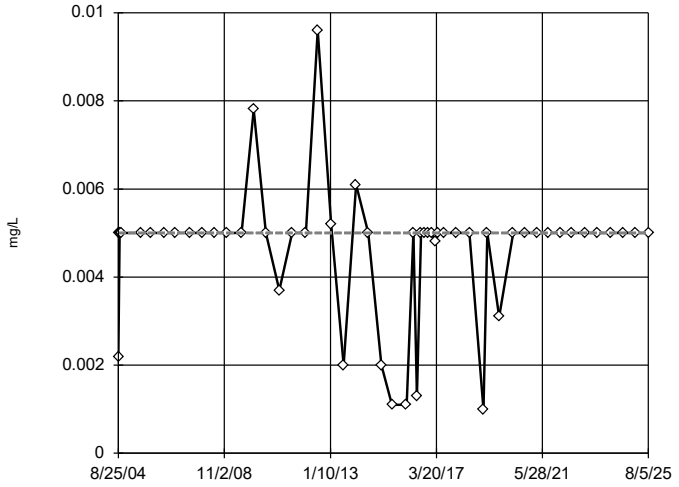
High cutoff = 0.2054, low cutoff = 0.00003528, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

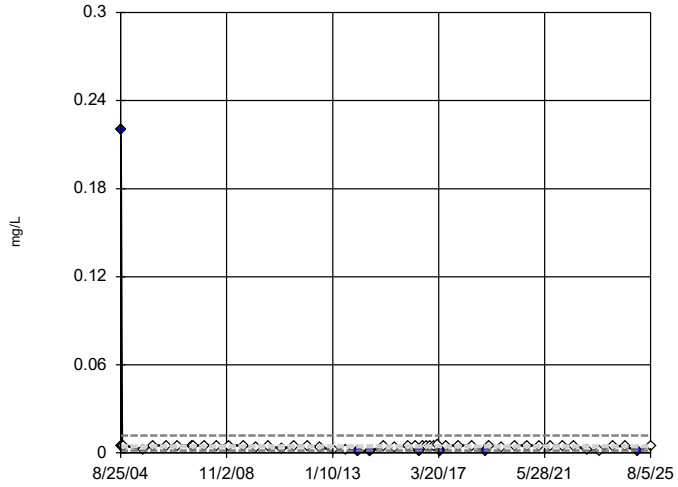
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

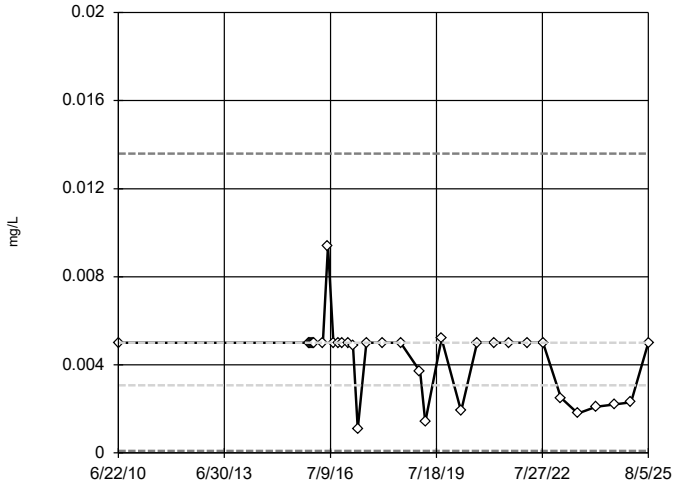
High cutoff = 0.01186, low cutoff = 0.001581, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

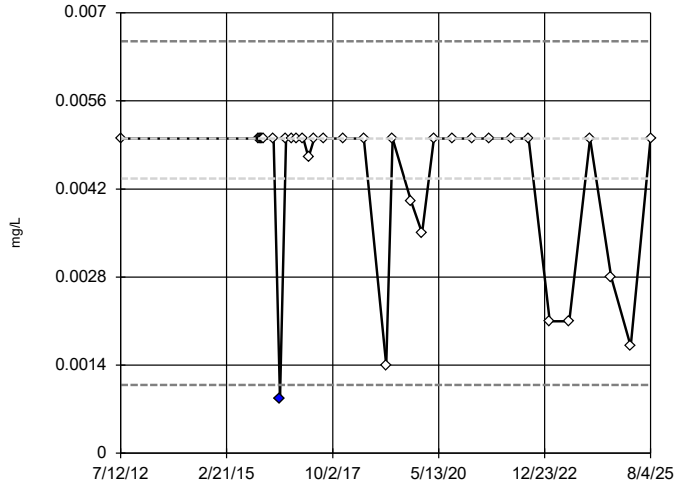
High cutoff = 0.0136, low cutoff = 0.00009069, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 33

Outlier is drawn as solid. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

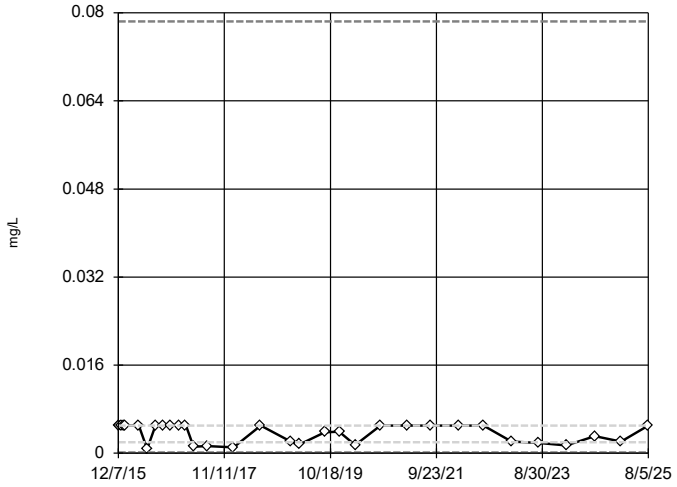
High cutoff = 0.006547, low cutoff = 0.001086, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

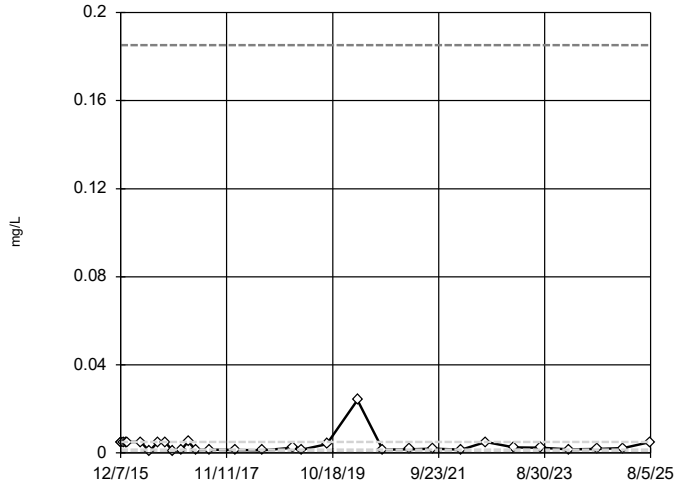
High cutoff = 0.07842, low cutoff = 0.0001274, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

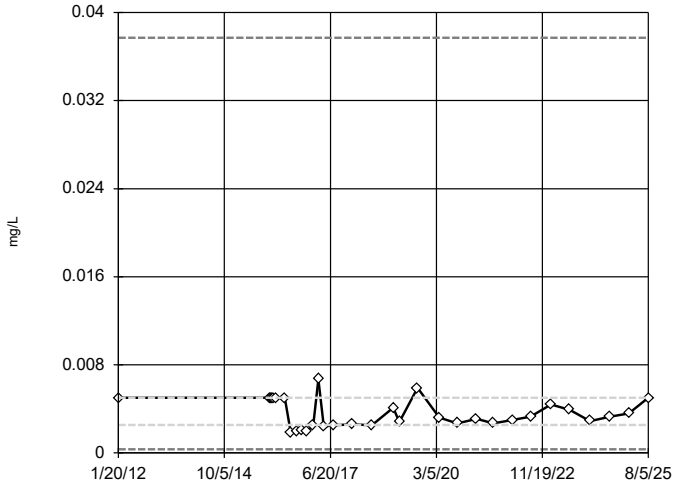
High cutoff = 0.1852, low cutoff = 0.0000405, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

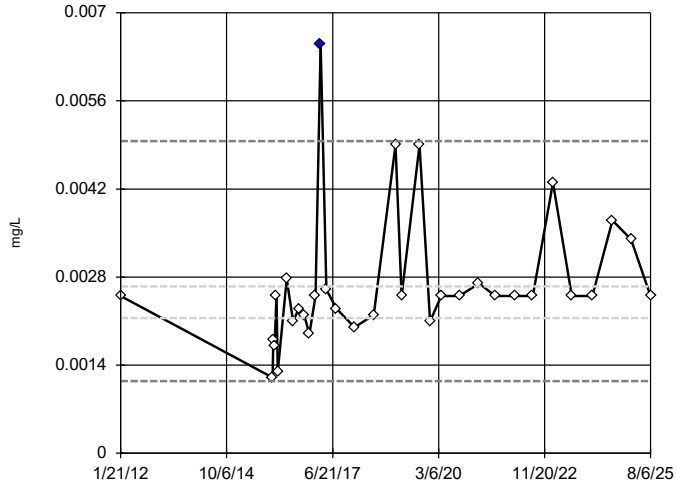
High cutoff = 0.03771, low cutoff = 0.000338, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 33

Outlier is drawn as solid. Tukey's method select-ed by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

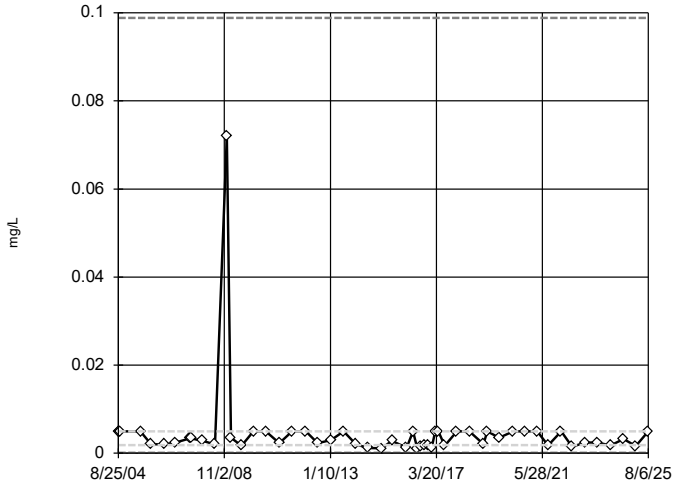
High cutoff = 0.004963, low cutoff = 0.001148, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 53

No outliers found. Tukey's method select-ed by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

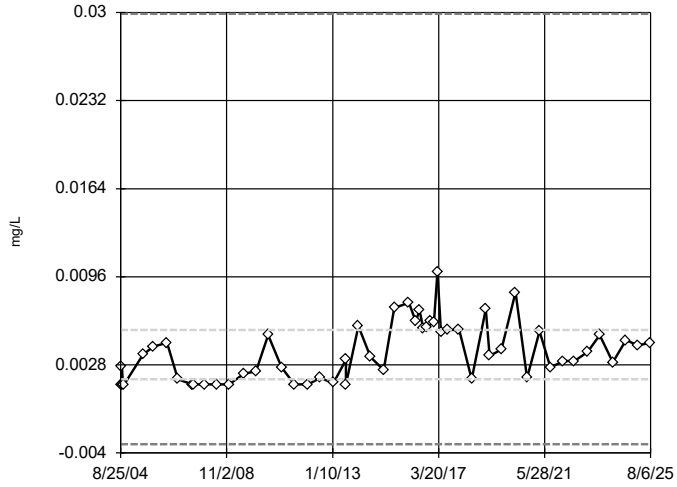
High cutoff = 0.09882, low cutoff = 0.00009357, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 54

No outliers found. Tukey's method select-ed by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

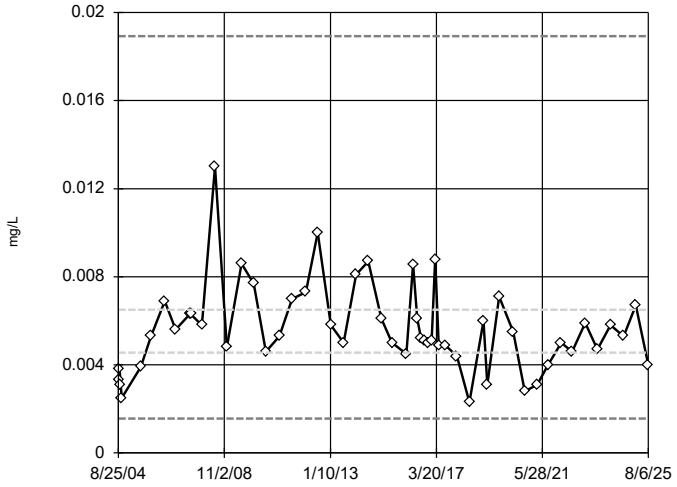
High cutoff = 0.02991, low cutoff = -0.003313, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 53

No outliers found. Tukey's method select-ed by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

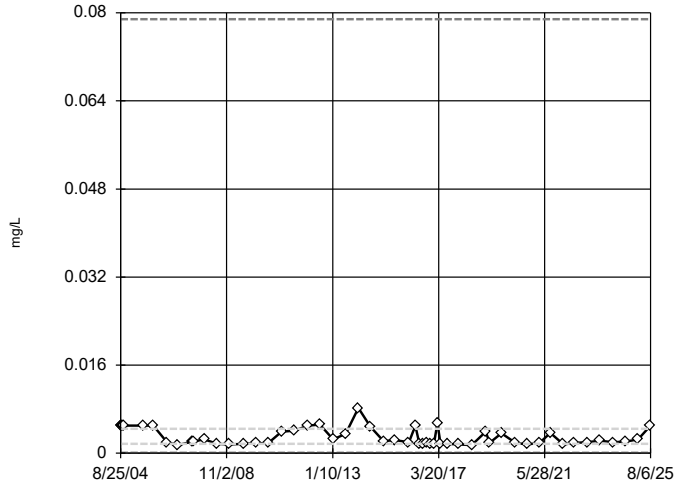
High cutoff = 0.01892, low cutoff = 0.001562, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 53

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

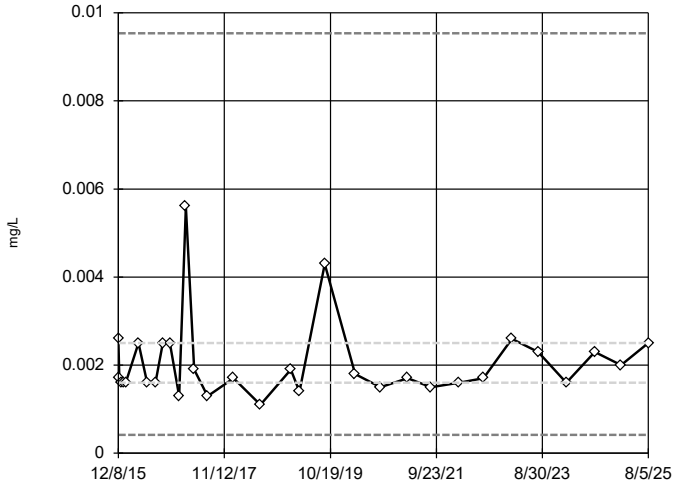
High cutoff = 0.07883, low cutoff = 0.00009567, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

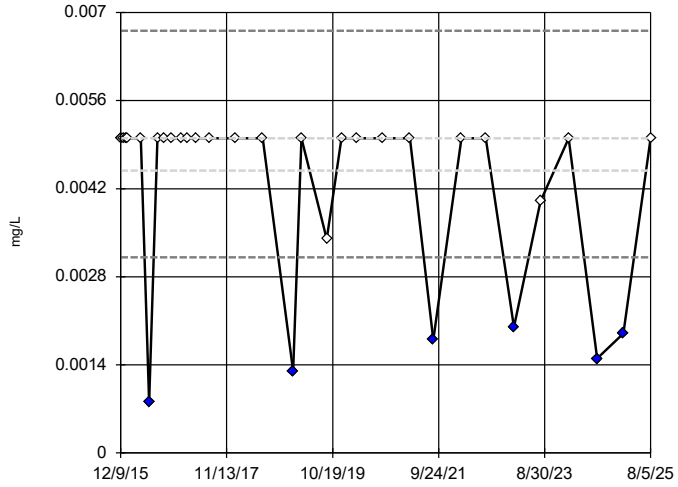
High cutoff = 0.009537, low cutoff = 0.0004194, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

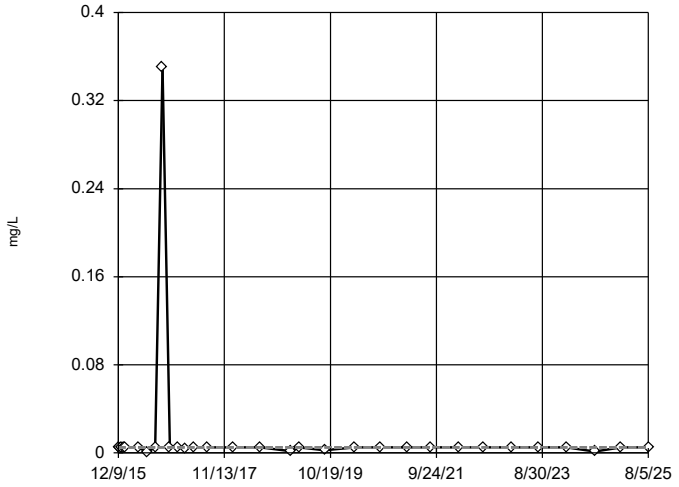
High cutoff = 0.006709, low cutoff = 0.003111, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

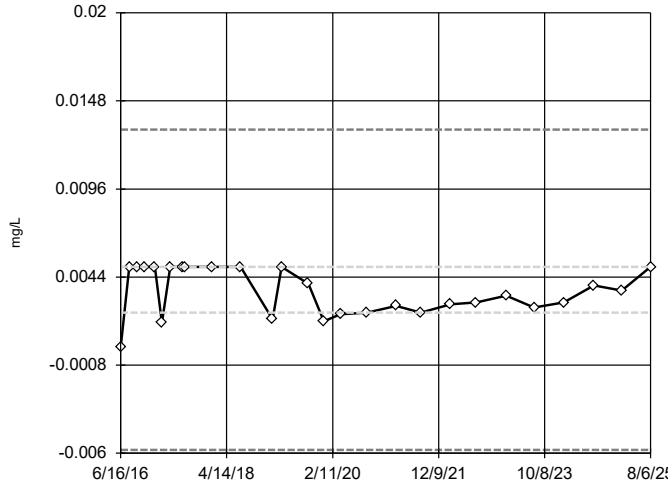
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 27

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

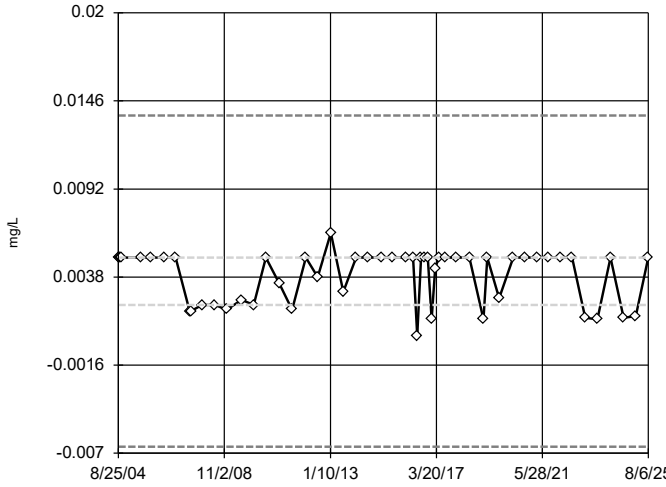
High cutoff = 0.0131, low cutoff = -0.0058, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

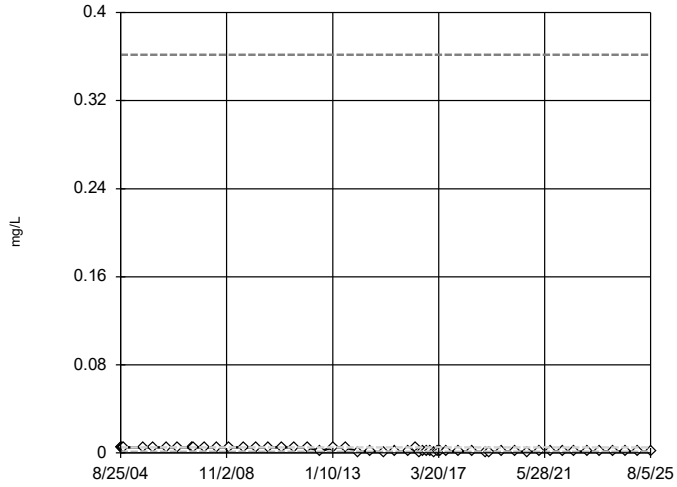
High cutoff = 0.0137, low cutoff = -0.0066, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

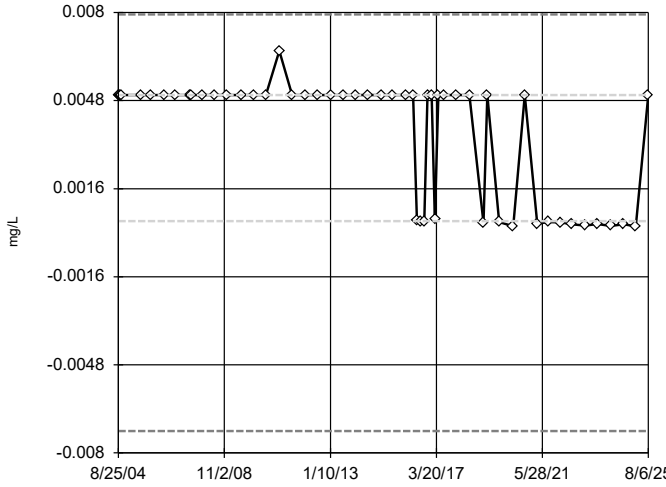
High cutoff = 0.3617, low cutoff = 0.00001659, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

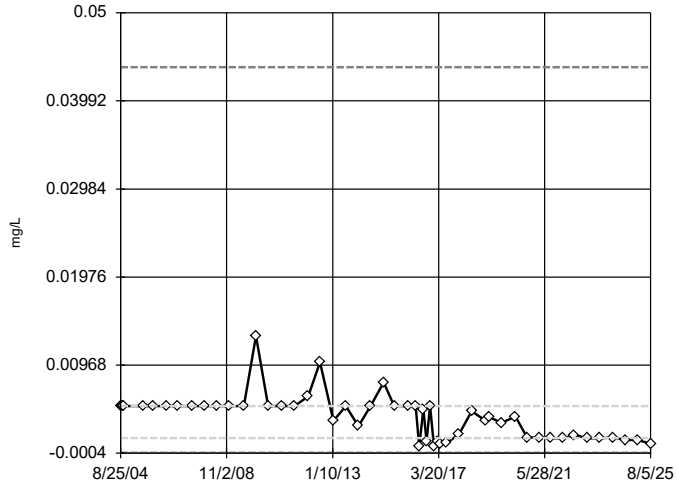
High cutoff = 0.007936, low cutoff = -0.007209, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

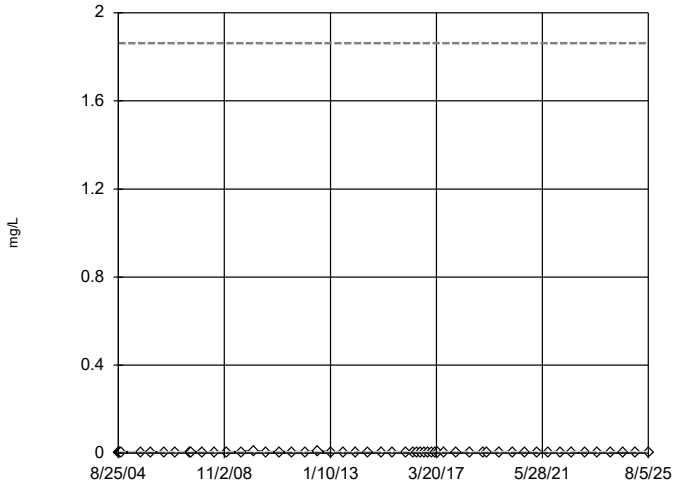
High cutoff = 0.04379, low cutoff = -0.0003576, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

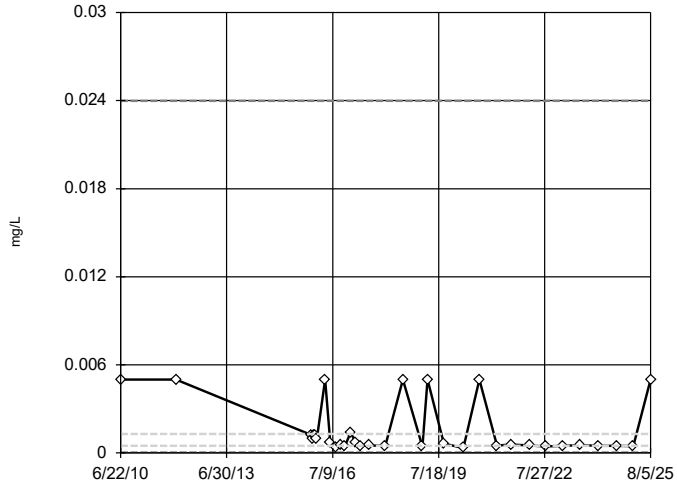
High cutoff = 1.862, low cutoff = 0.000001866, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 33

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

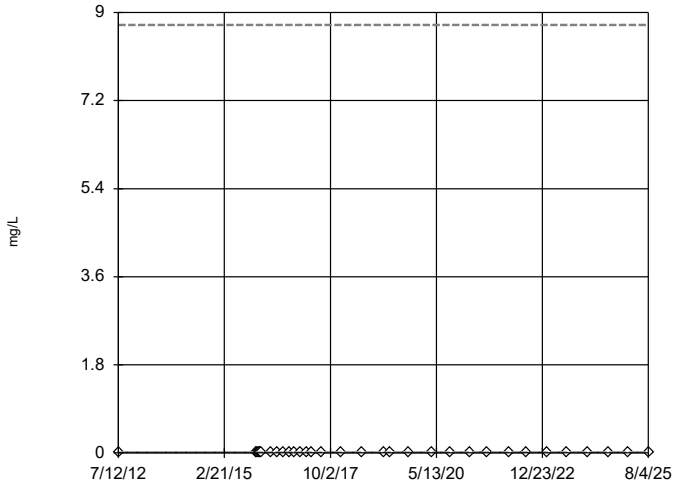
High cutoff = 0.02399, low cutoff = 0.00002647, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

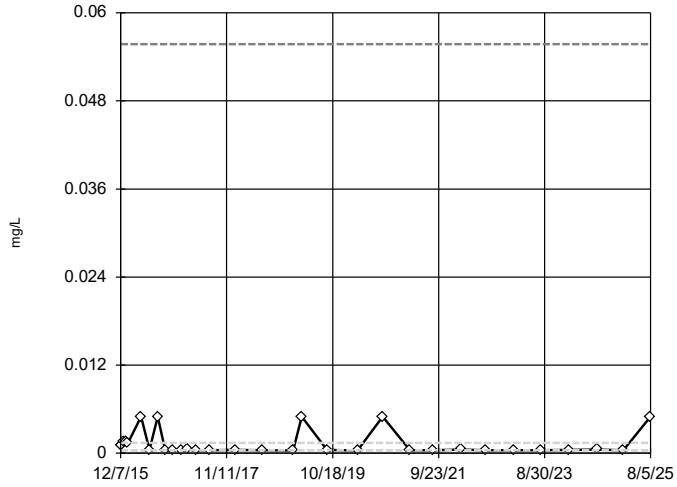
High cutoff = 8.746, low cutoff = 2.4e-7, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

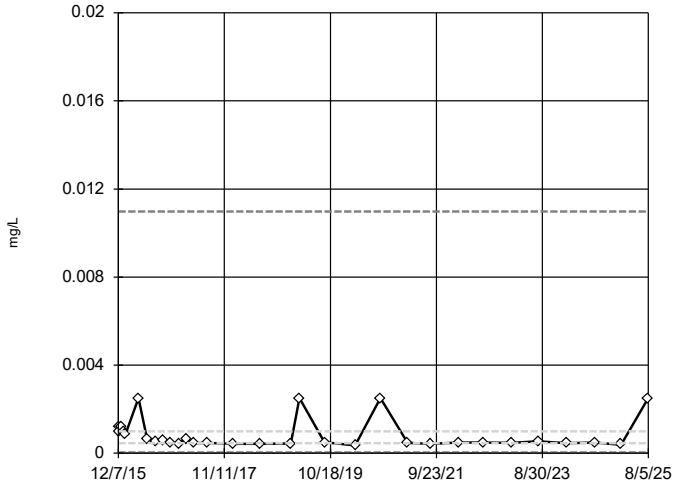
High cutoff = 0.05574, low cutoff = 0.0000103, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

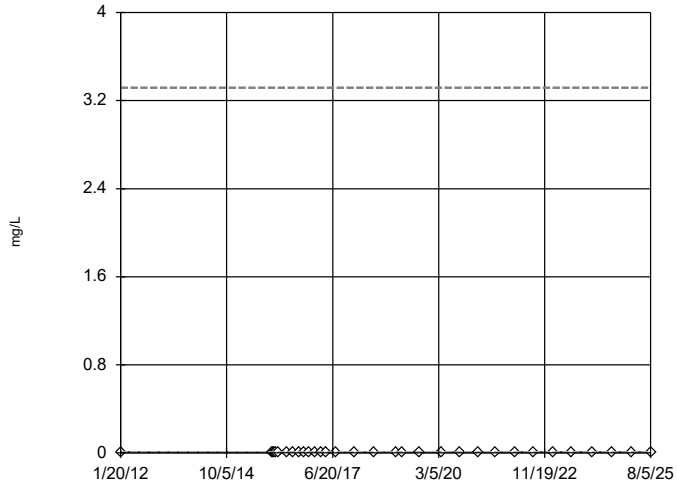
High cutoff = 0.01097, low cutoff = 0.00004101, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

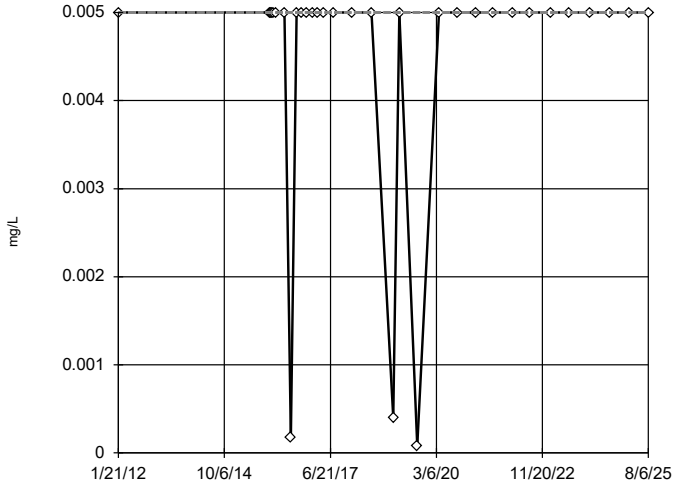
High cutoff = 3.318, low cutoff = 8.6e-7, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

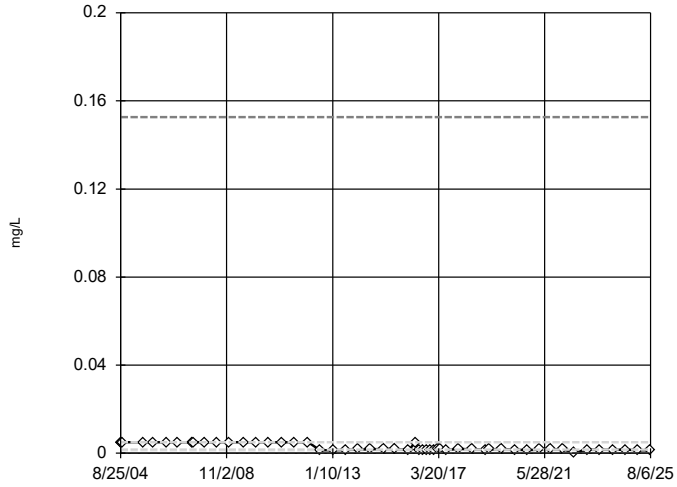
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 52

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

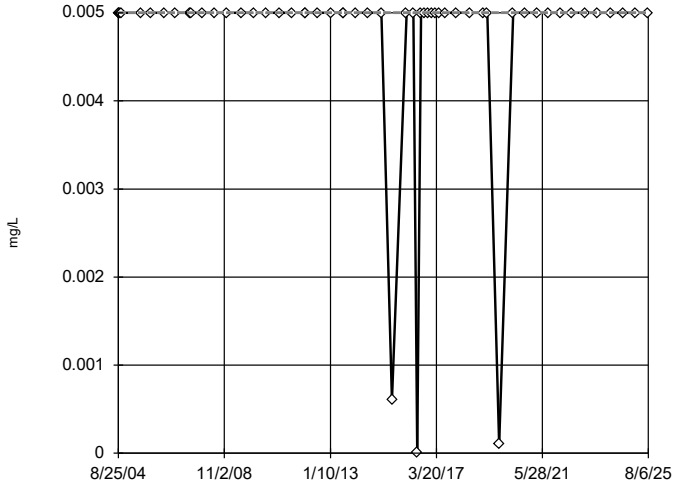
High cutoff = 0.1526, low cutoff = 0.00005243, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 55

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

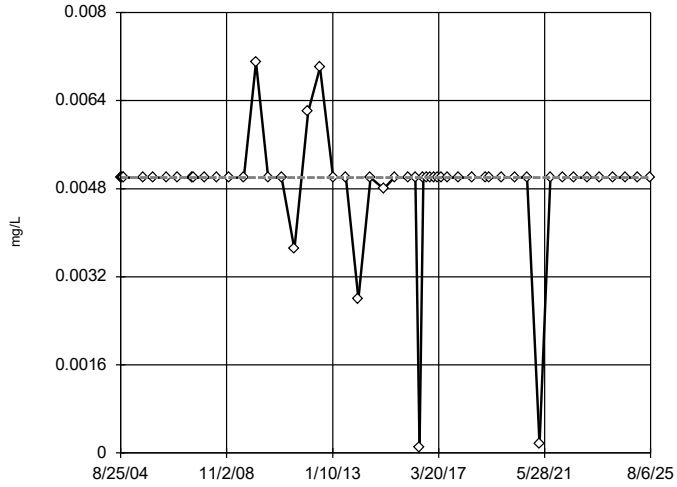
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 53

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

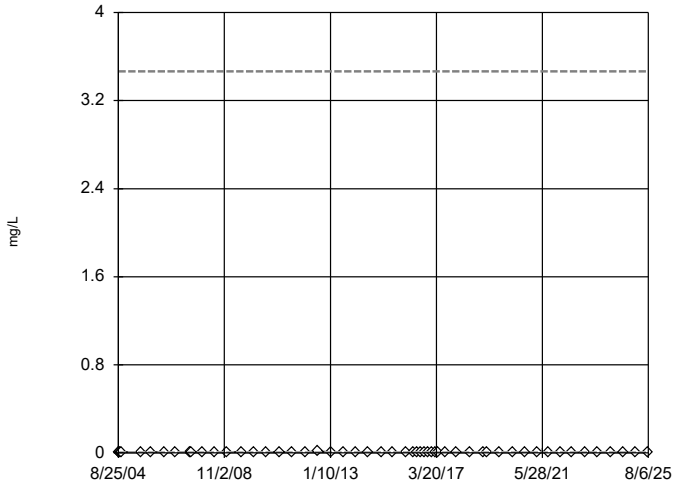
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

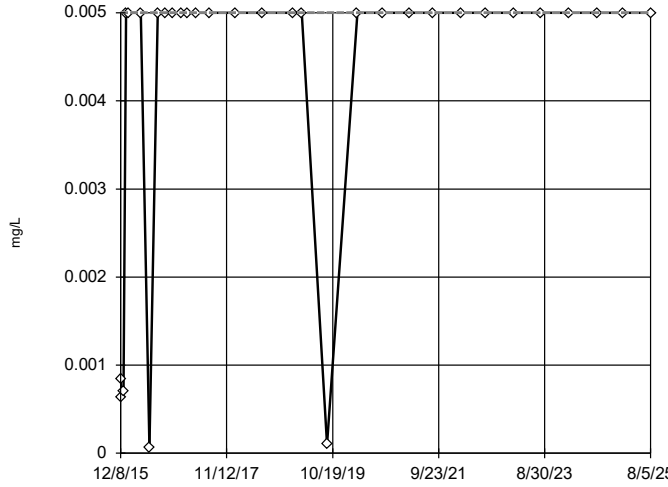
High cutoff = 3.466, low cutoff = 8.2e-7, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

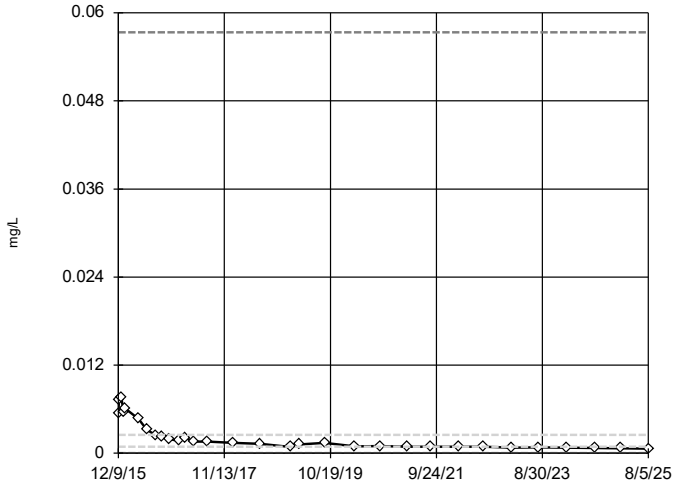
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

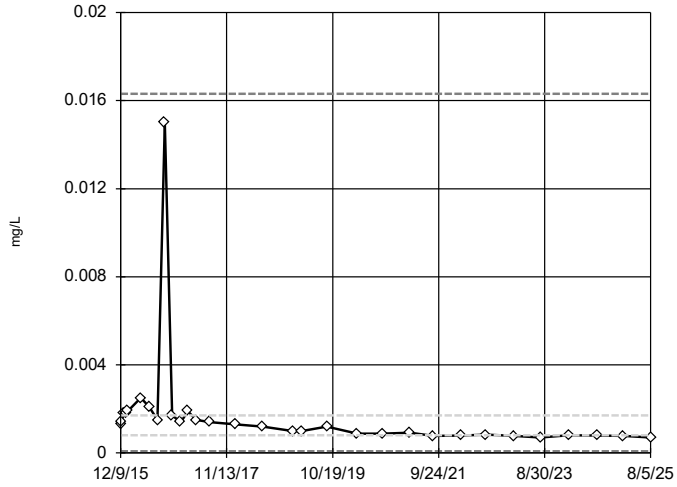
High cutoff = 0.05732, low cutoff = 0.00003838, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

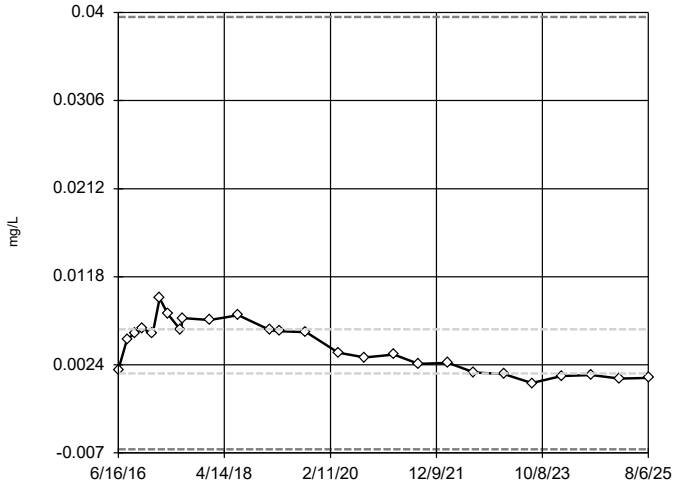
High cutoff = 0.01631, low cutoff = 0.00008337, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

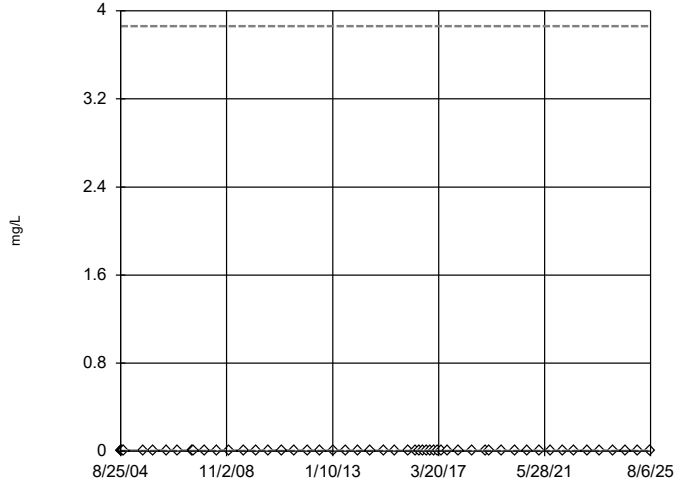
High cutoff = 0.03953, low cutoff = -0.006623, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

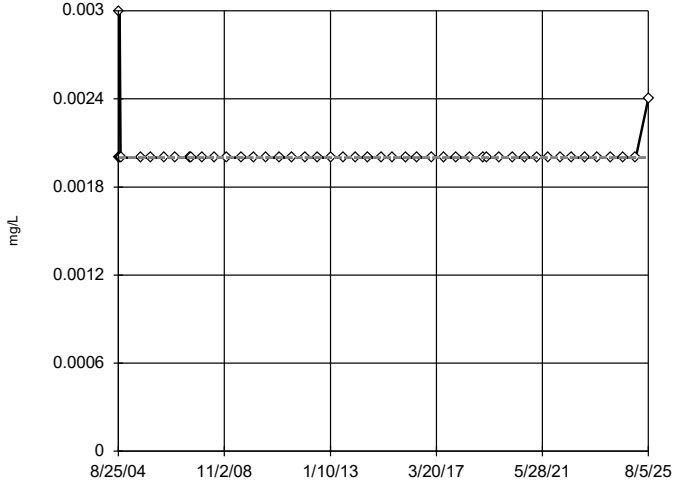
High cutoff = 3.861, low cutoff = 7.1e-7, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

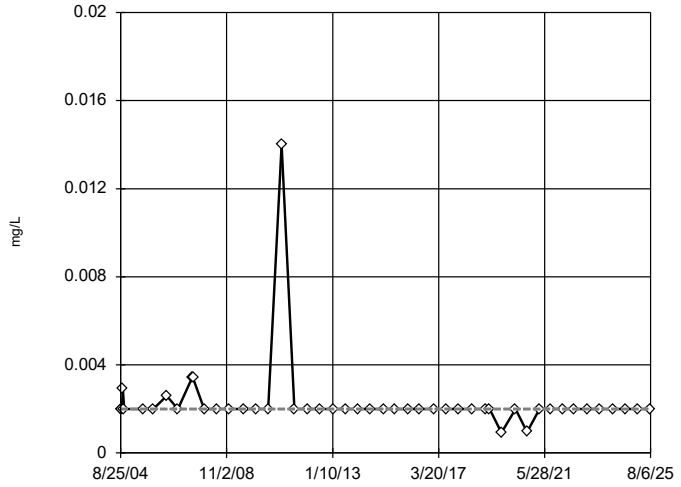
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

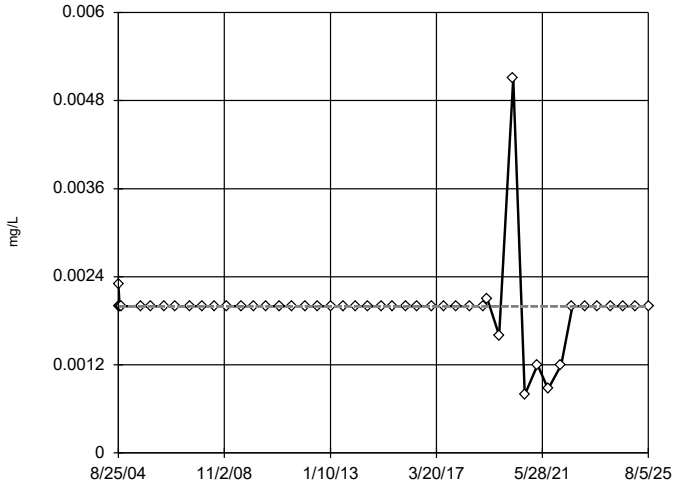
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

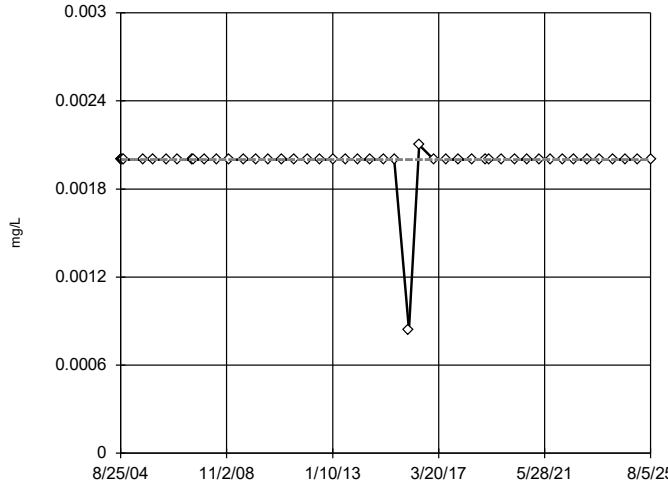
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

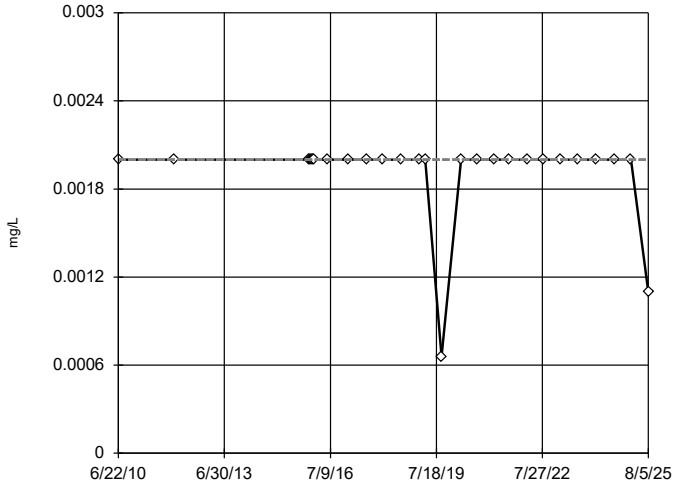
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 27

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

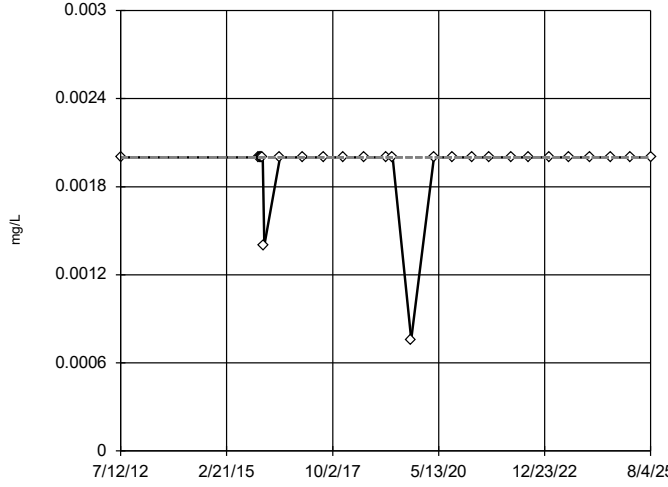
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

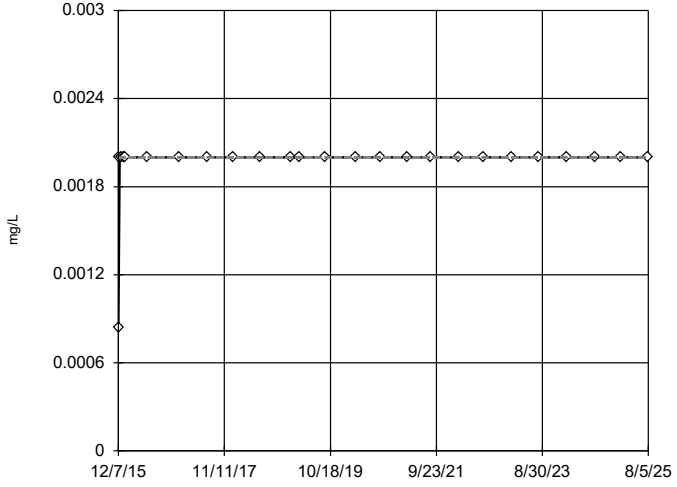
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

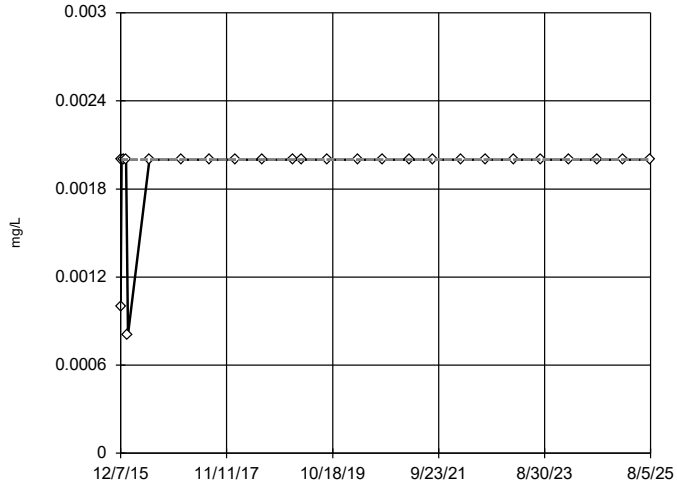
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:05 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

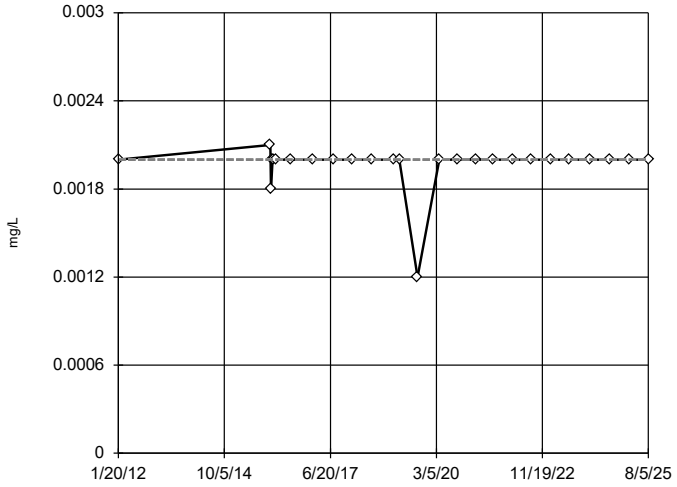
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

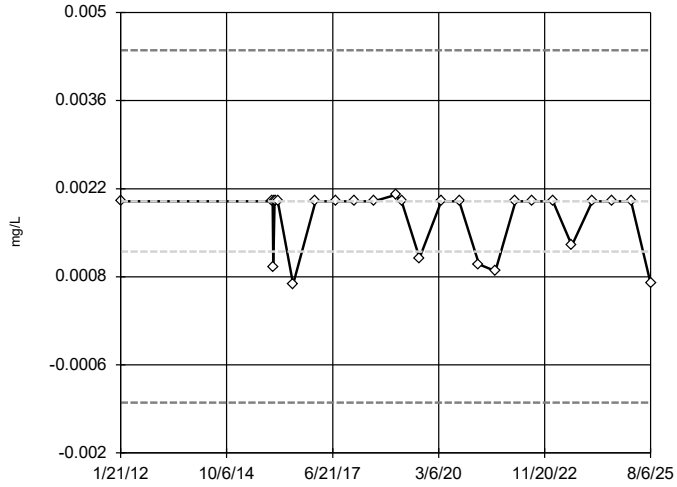
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

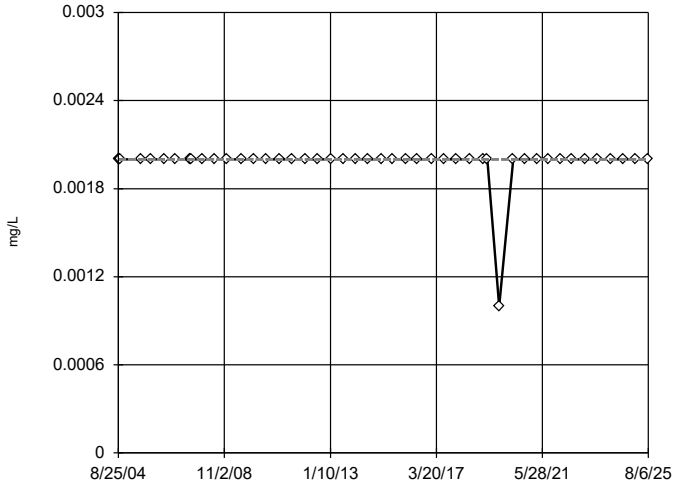
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 46

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

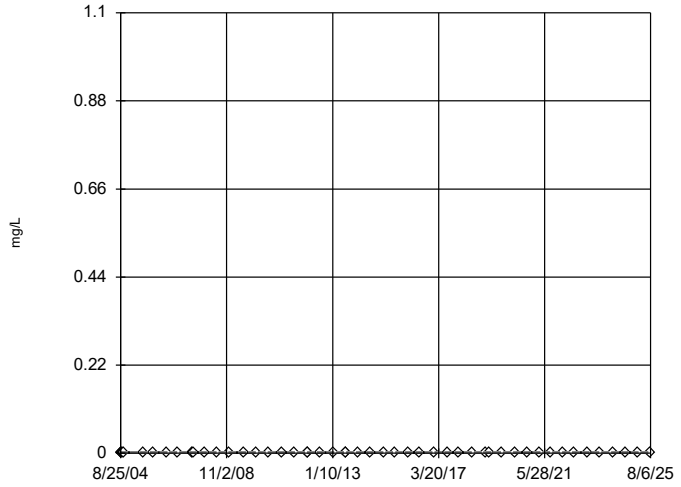
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 49

No outliers found. Tukey's method selected by user.

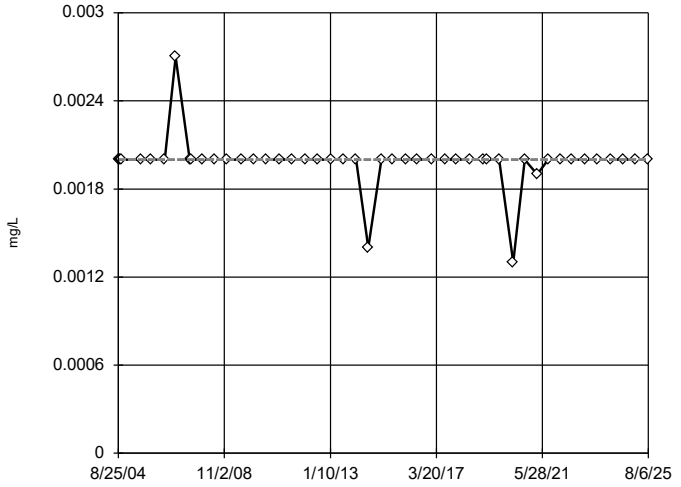
All values are the same.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-11



n = 47

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

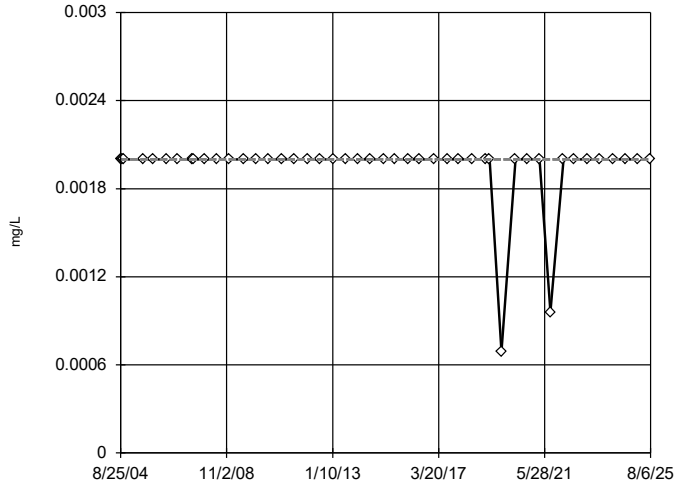
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

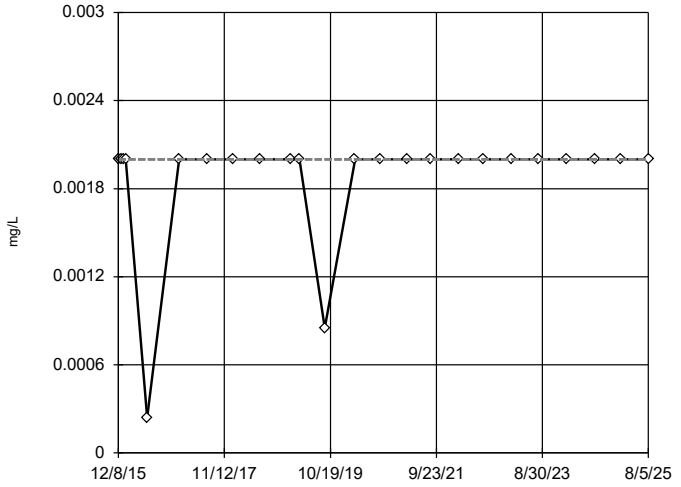
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

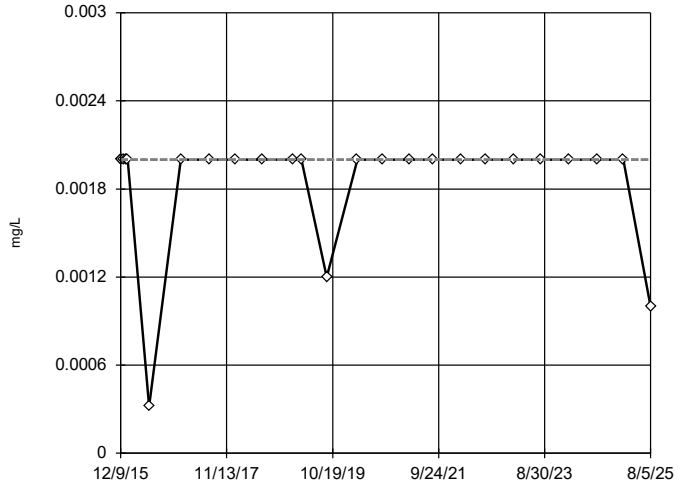
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

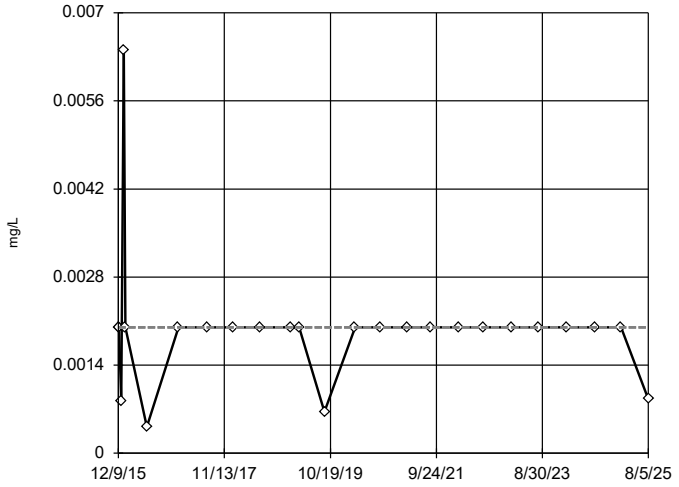
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

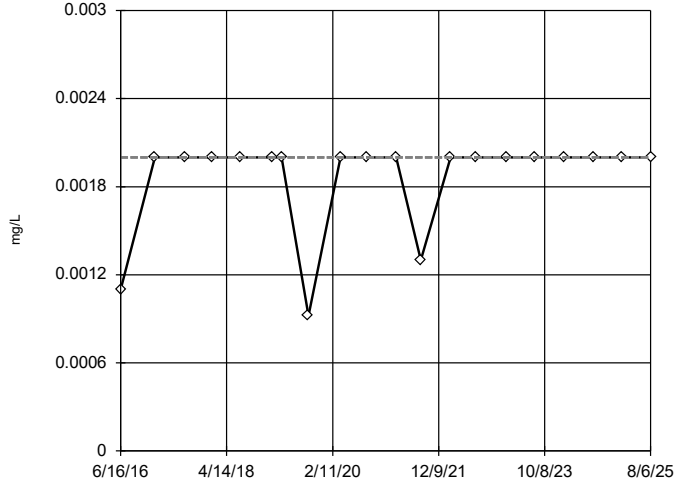
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 20

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

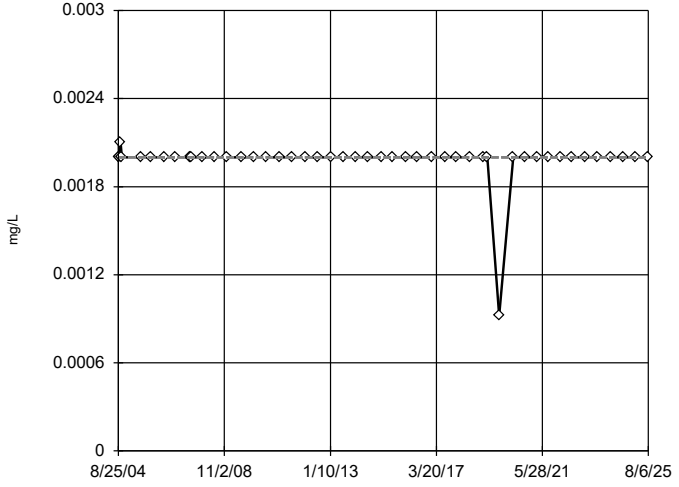
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 47

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

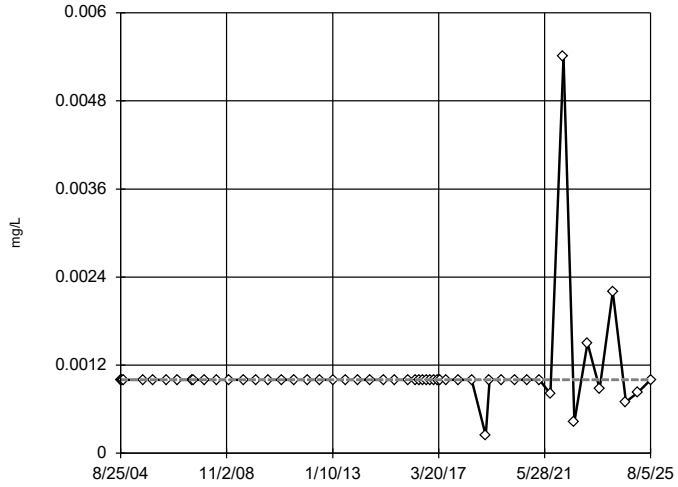
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

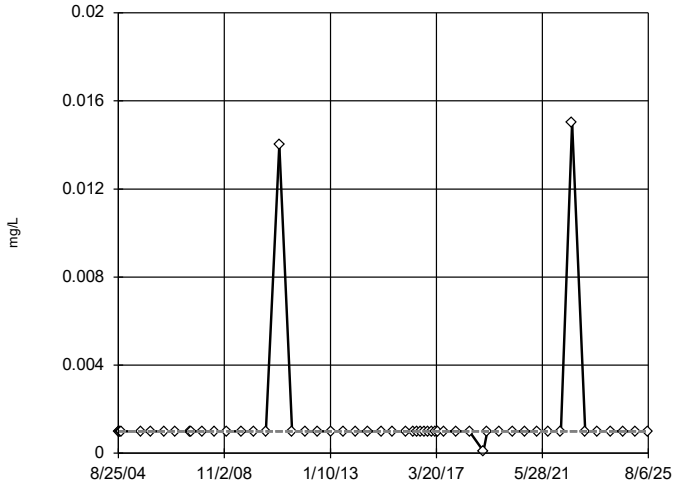
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

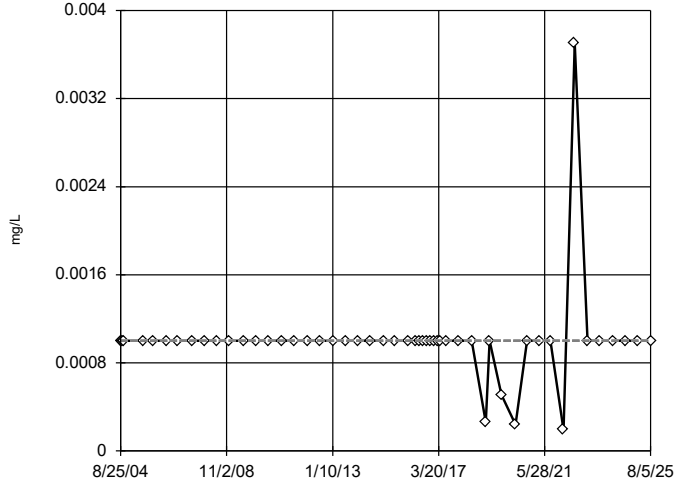
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

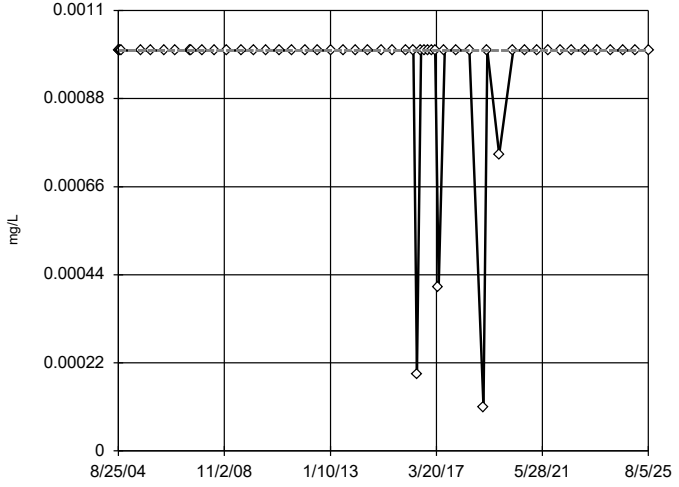
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

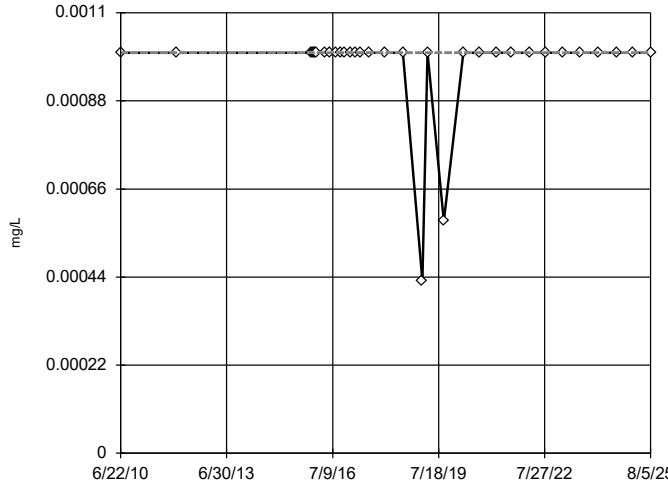
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 33

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

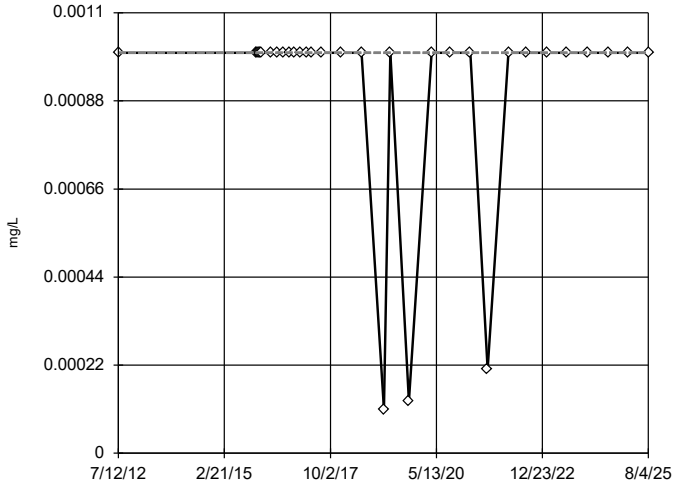
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

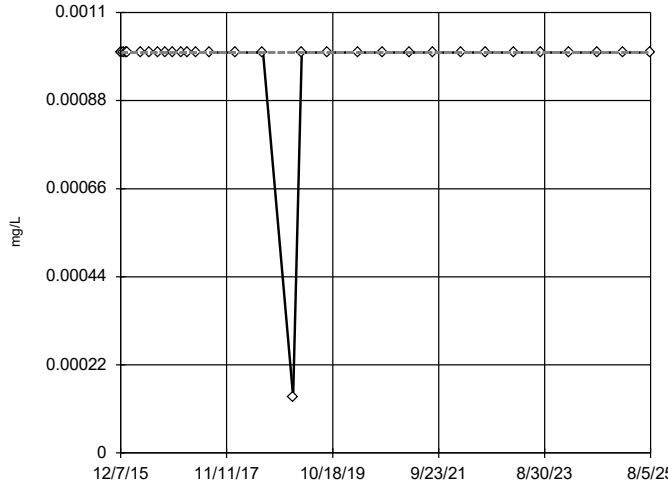
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

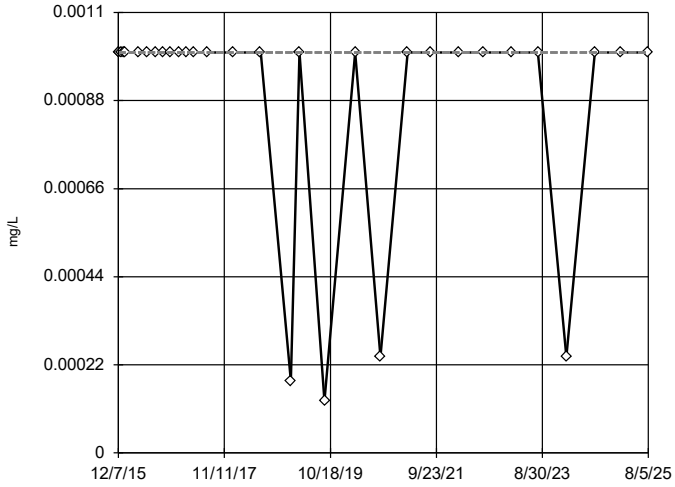
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

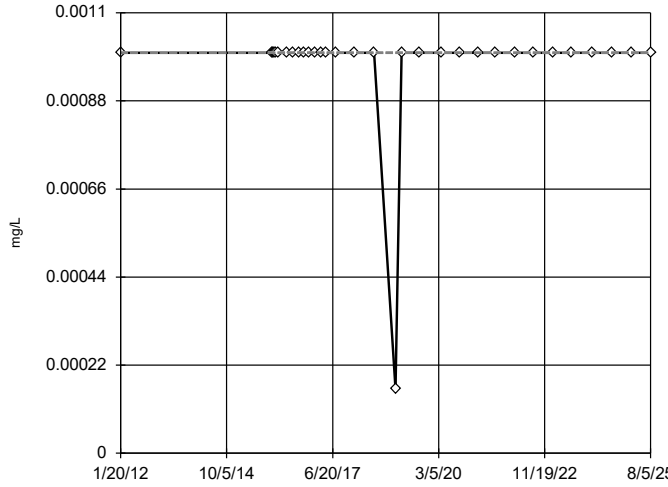
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

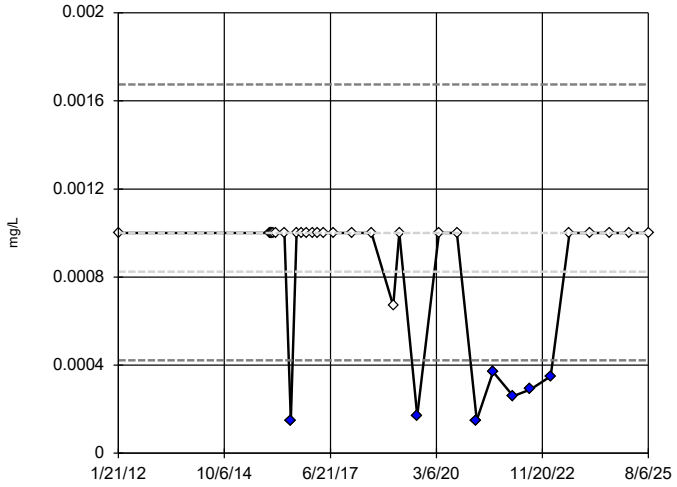
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

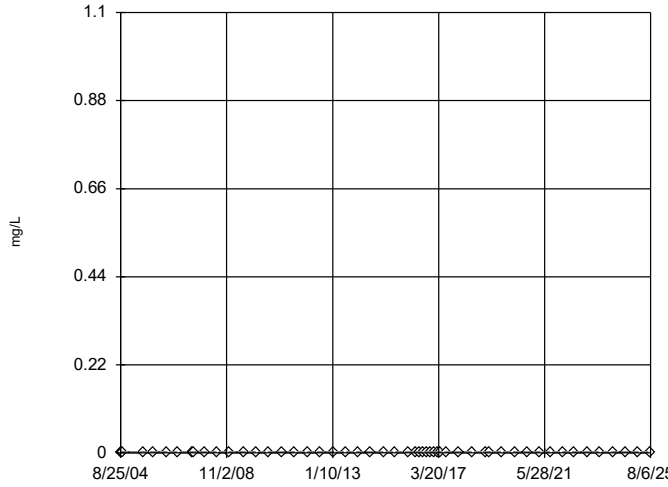
High cutoff = 0.001674, low cutoff = 0.000422, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 52

No outliers found.
Tukey's method selected by user.

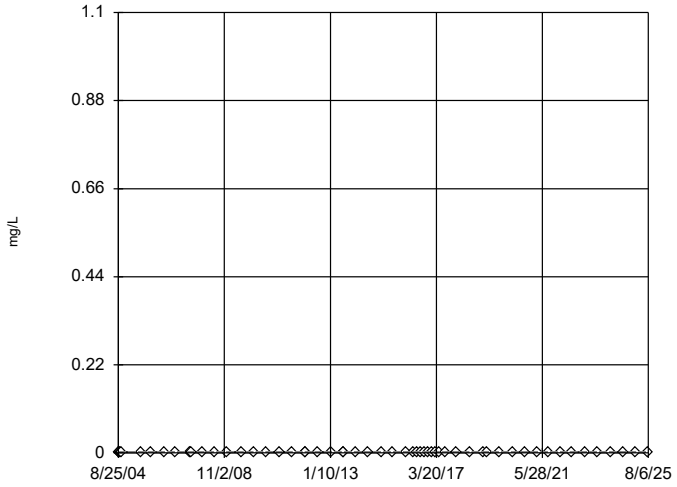
All values are the same.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 55

No outliers found.
Tukey's method selected by user.

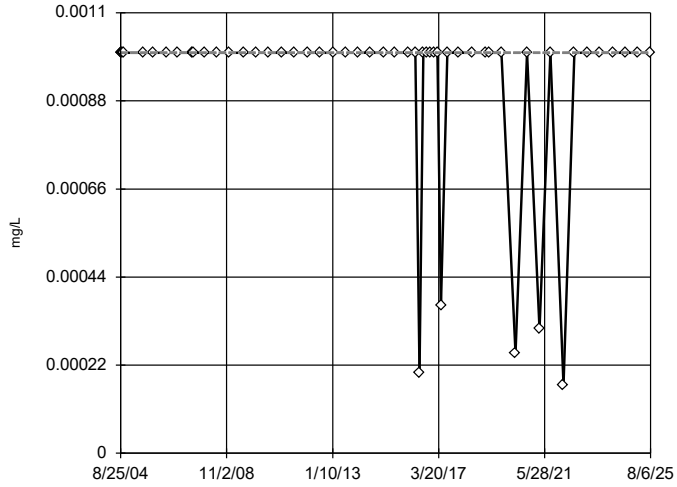
All values are the same.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 53

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

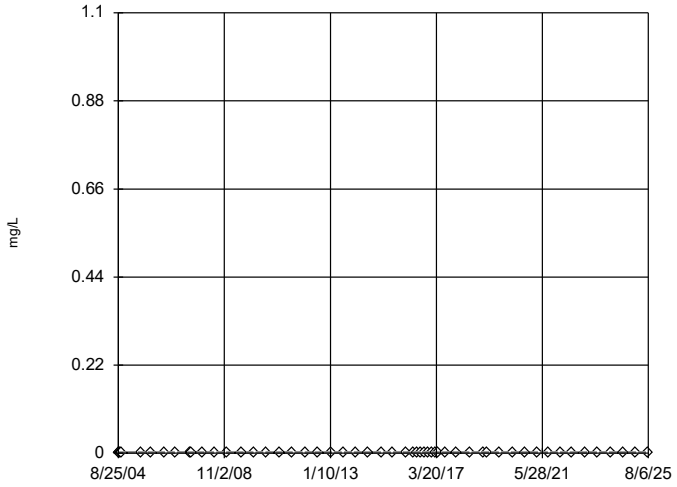
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 53

No outliers found. Tukey's method selected by user.

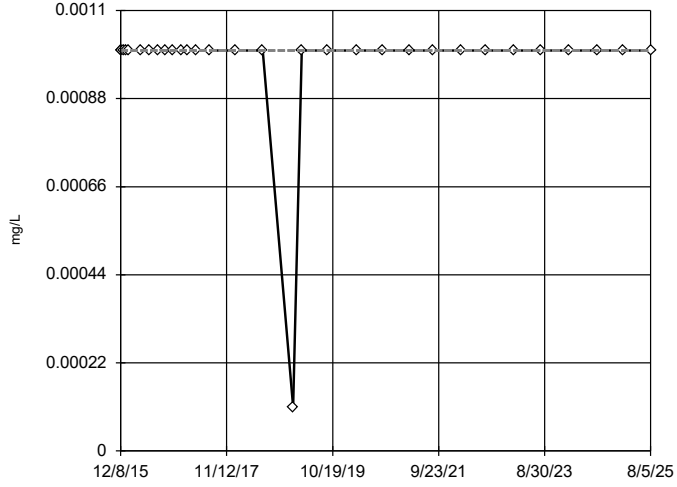
All values are the same.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

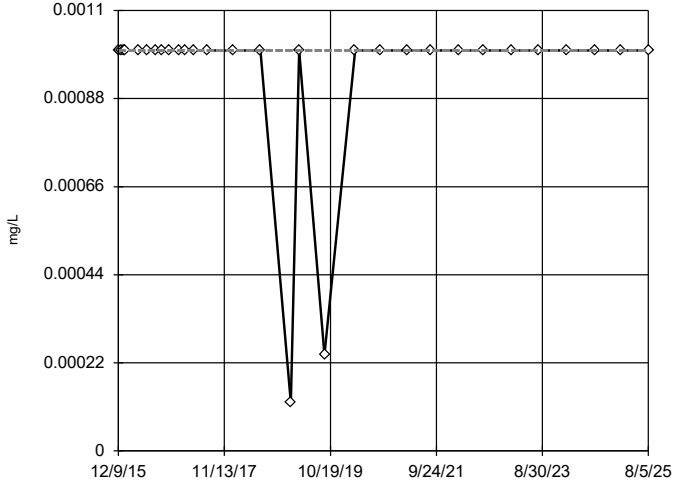
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

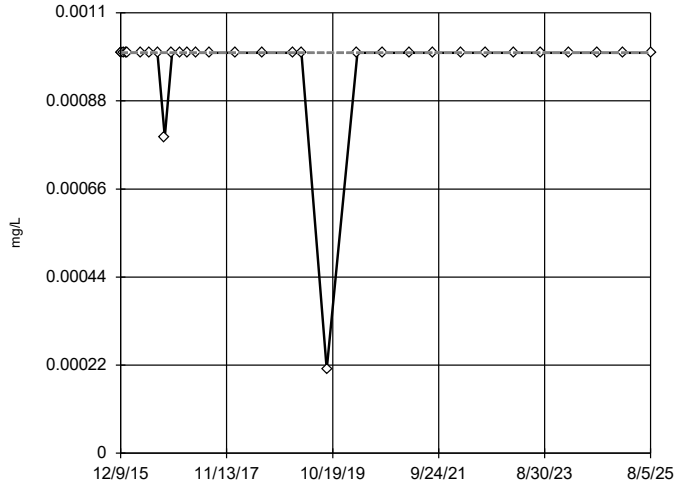
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

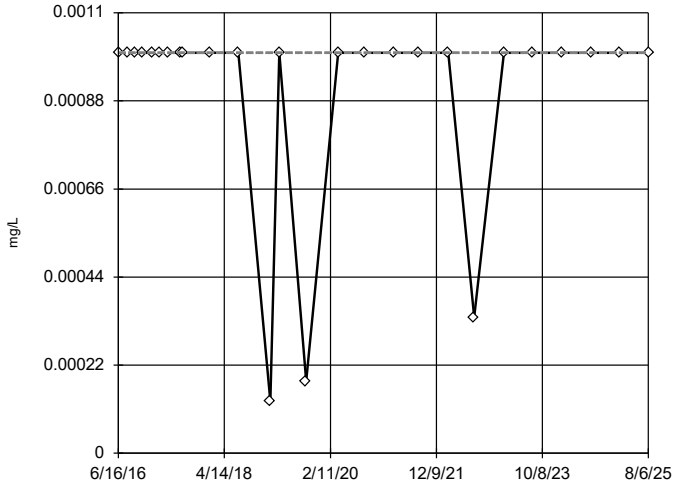
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

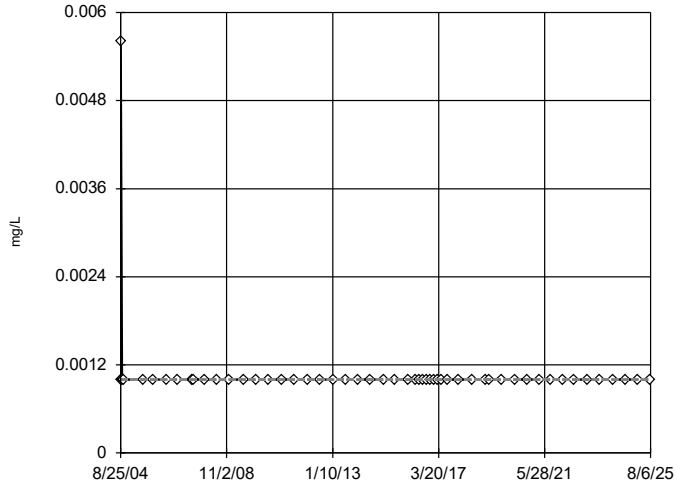
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

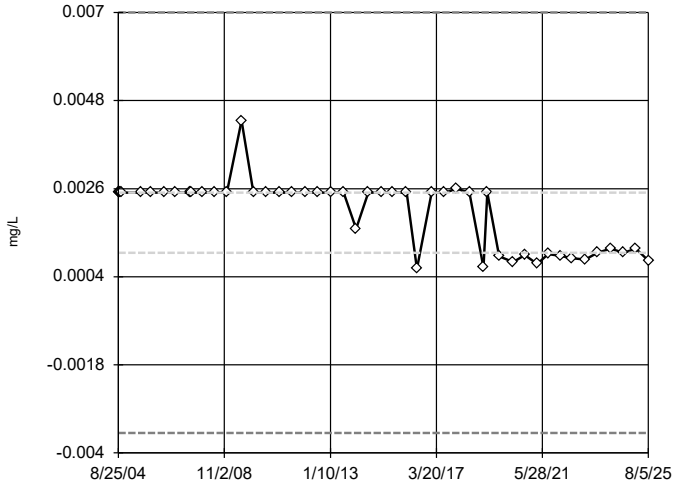
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

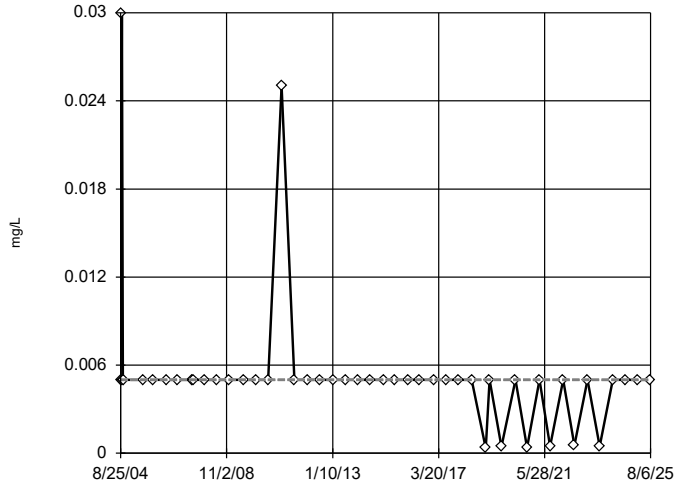
High cutoff = 0.007, low cutoff = -0.0035, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

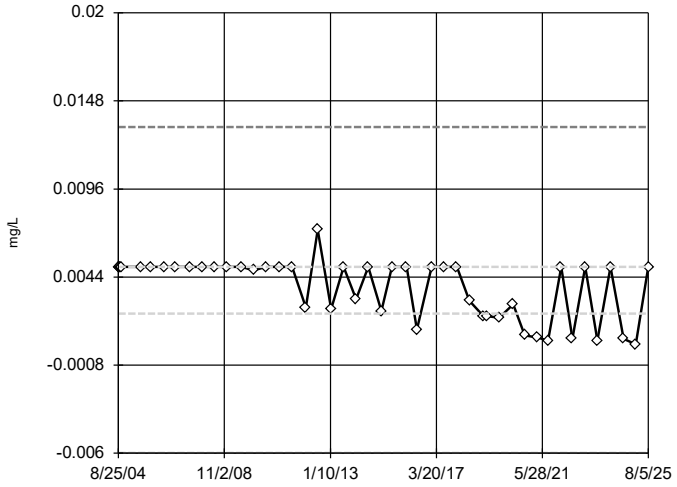
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

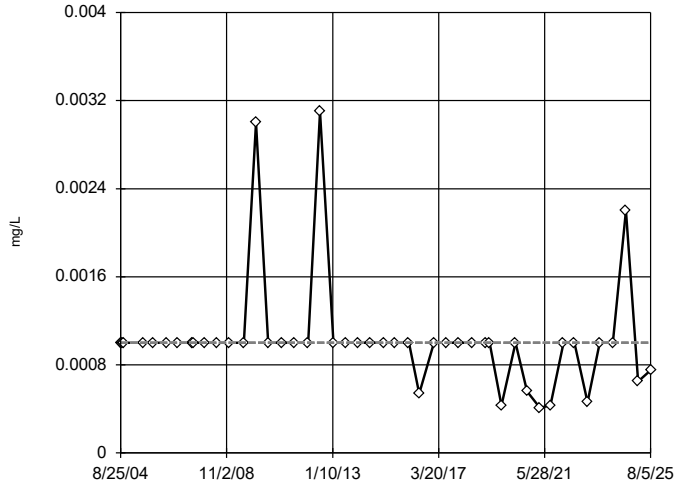
High cutoff = 0.01325, low cutoff = -0.006, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

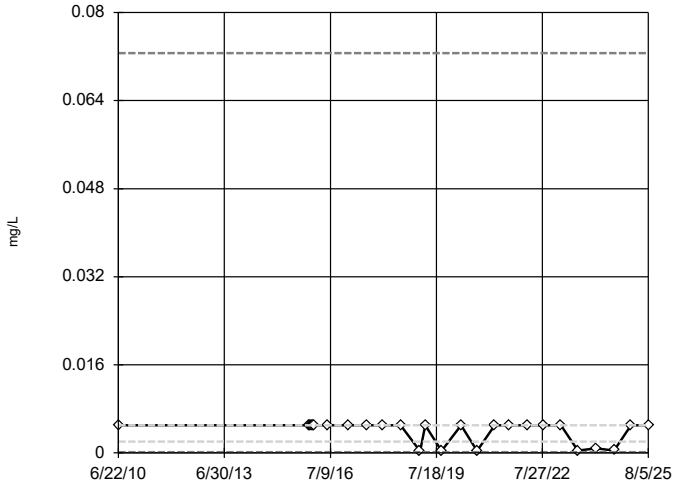
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

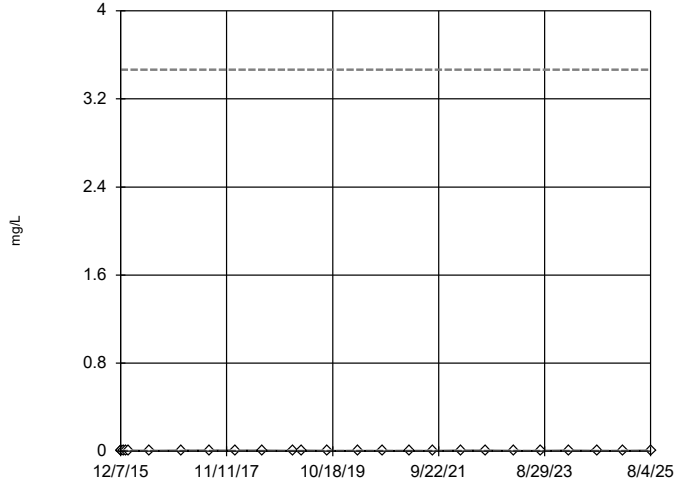
High cutoff = 0.07261, low cutoff = 0.0001411, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

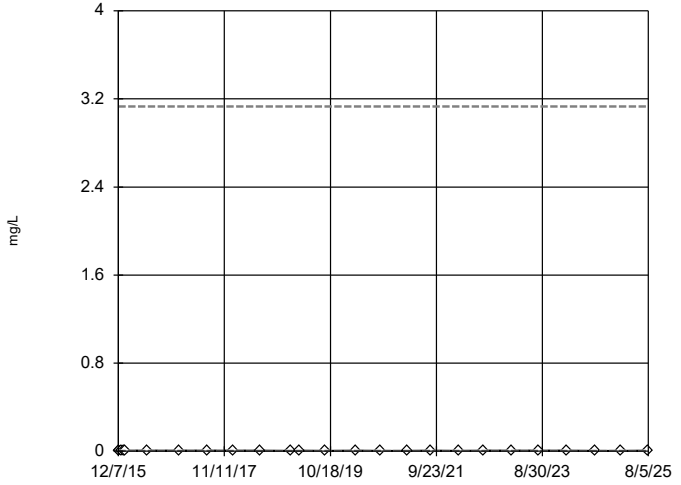
High cutoff = 3.466, low cutoff = 8.2e-7, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

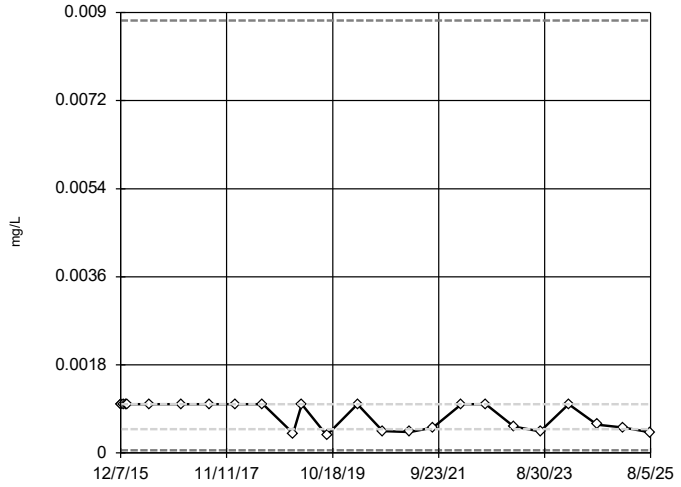
High cutoff = 3.13, low cutoff = 9.3e-7, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

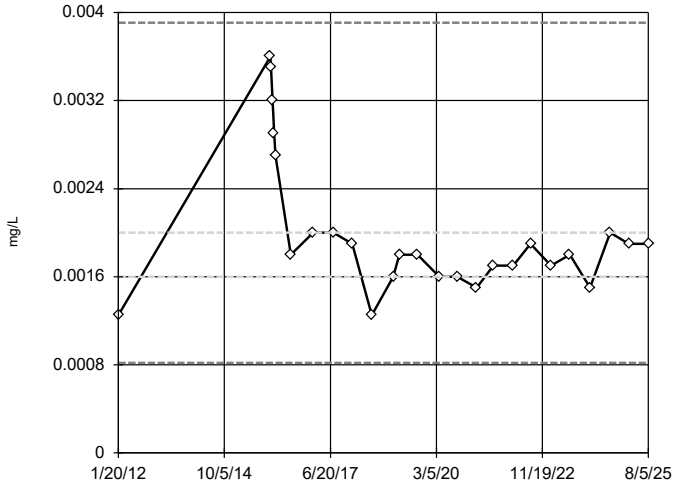
High cutoff = 0.008834, low cutoff = 0.00005476, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

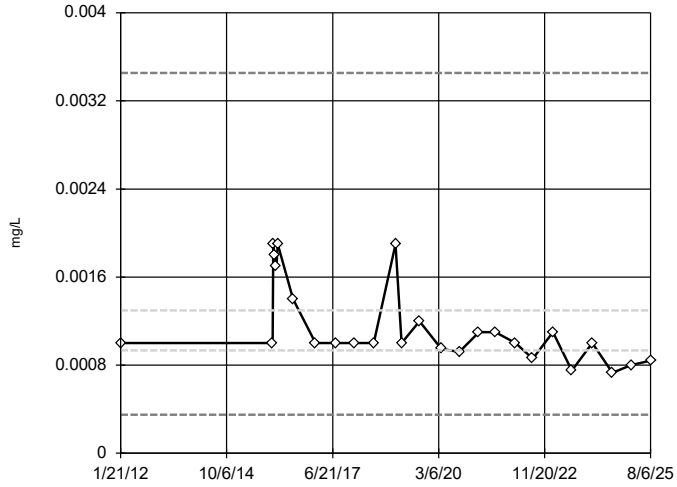
High cutoff = 0.003906, low cutoff = 0.0008192, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 26

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

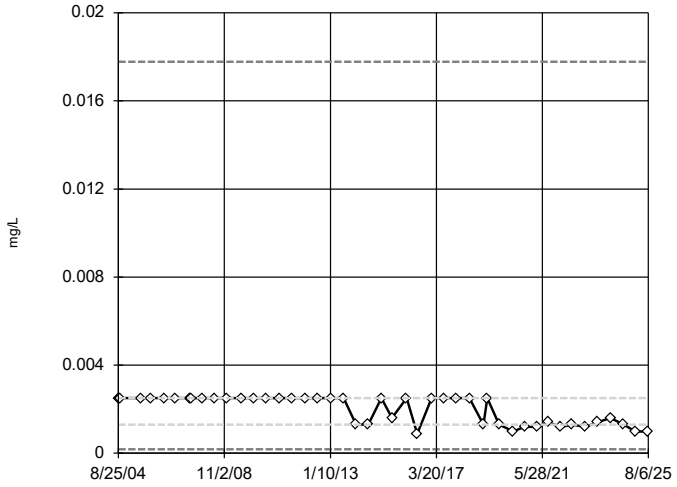
High cutoff = 0.003454, low cutoff = 0.0003508, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 46

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

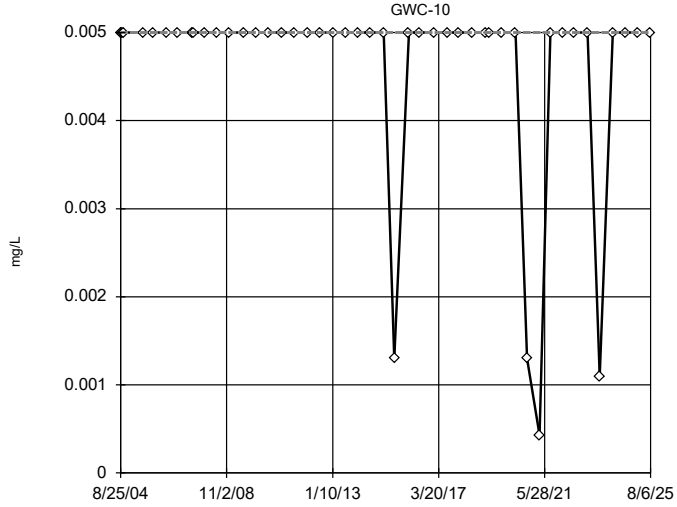
High cutoff = 0.01778, low cutoff = 0.0001828, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 47

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

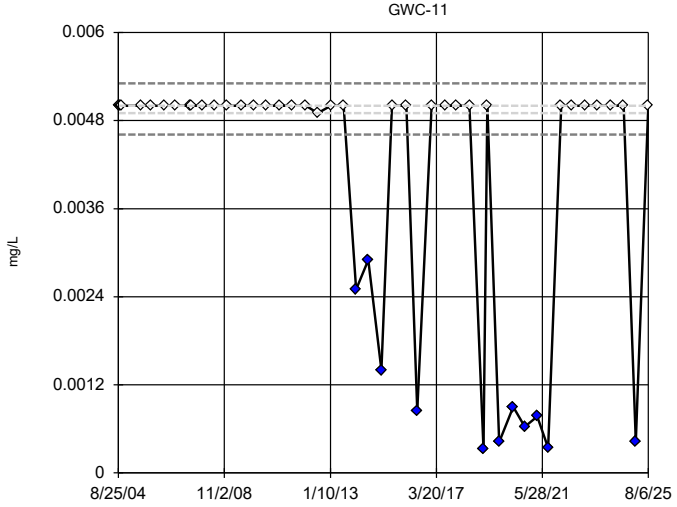
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 47

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

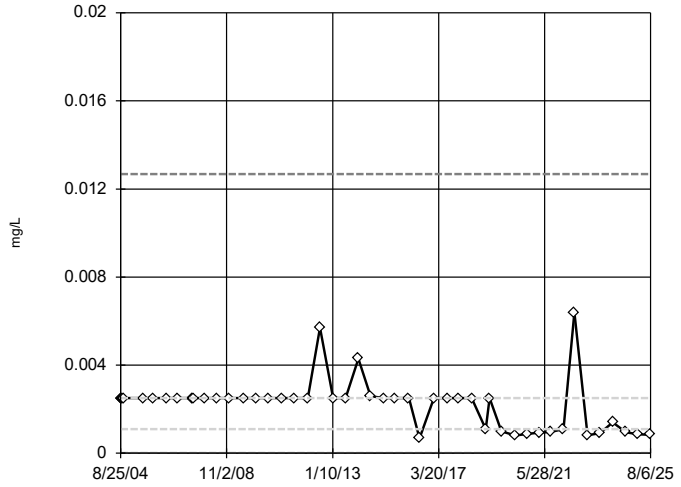
High cutoff = 0.005308, low cutoff = 0.004608, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 47

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

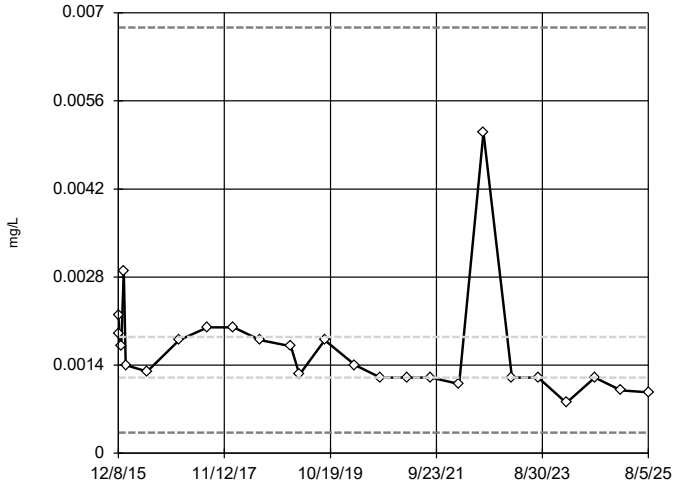
High cutoff = 0.01268, low cutoff = 1.9e-7, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

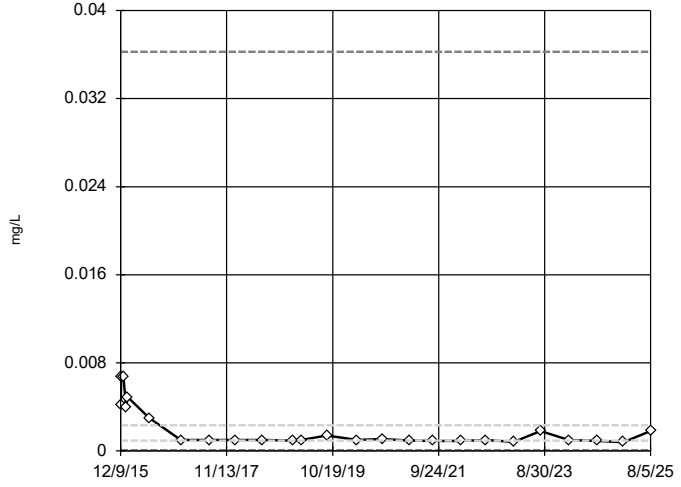
High cutoff = 0.006769, low cutoff = 0.0003279, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

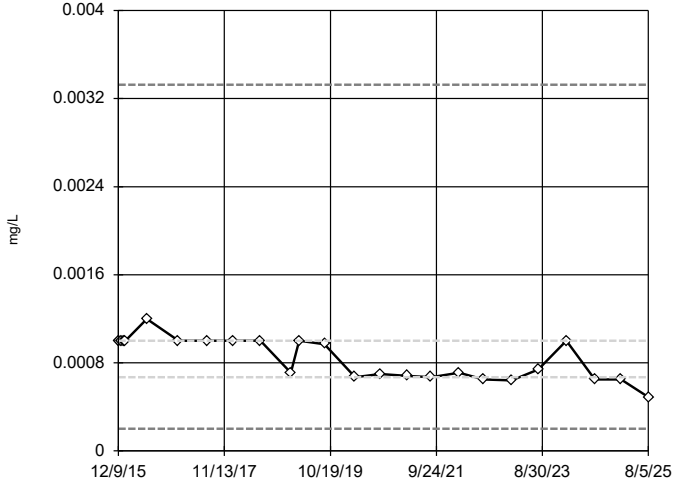
High cutoff = 0.03625, low cutoff = 0.00005961, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

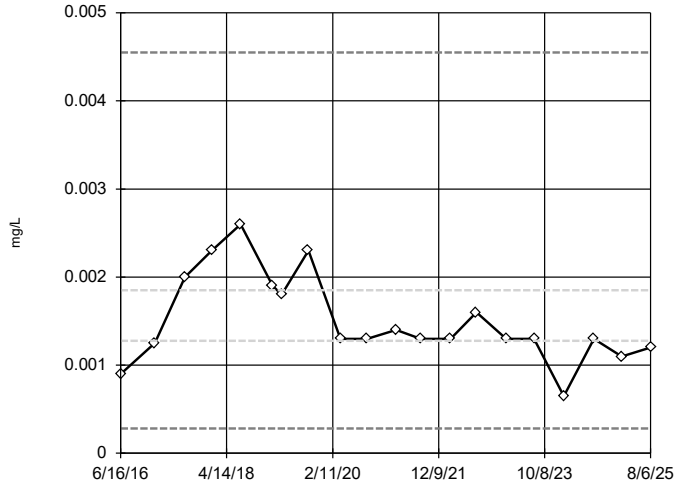
High cutoff = 0.003325, low cutoff = 0.0002015, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 20

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

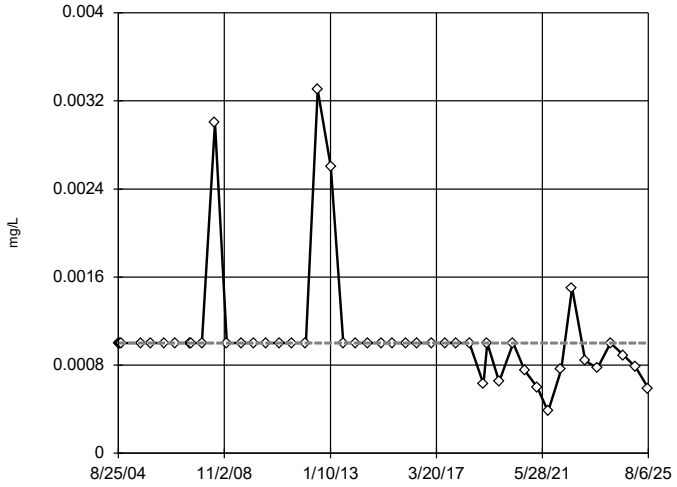
High cutoff = 0.00455, low cutoff = 0.0002806, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

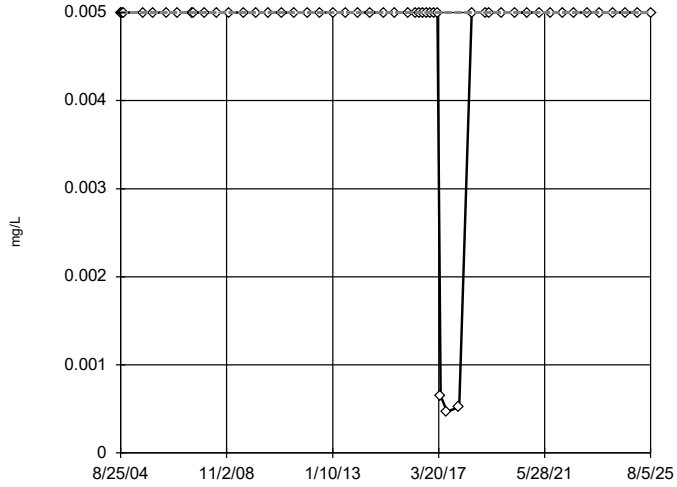
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

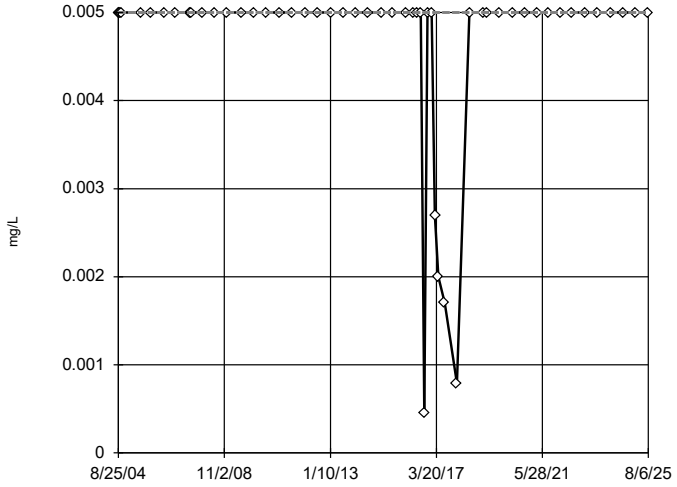
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 53

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

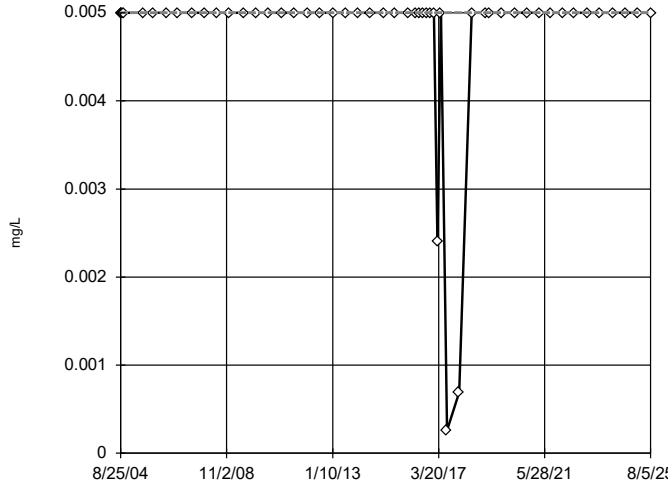
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 52

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

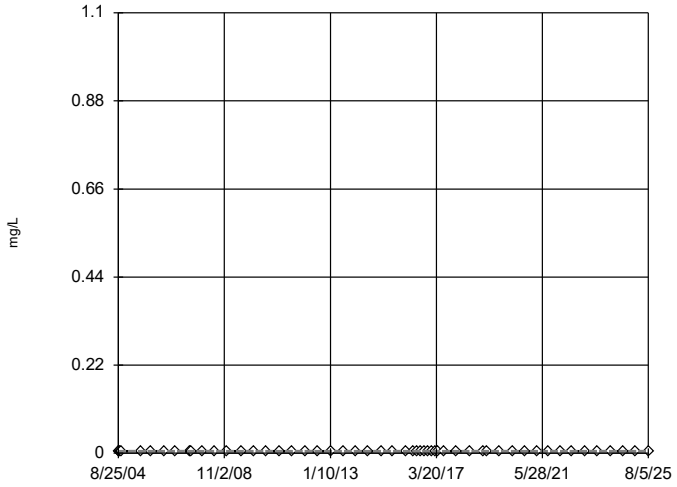
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 53

No outliers found. Tukey's method selected by user.

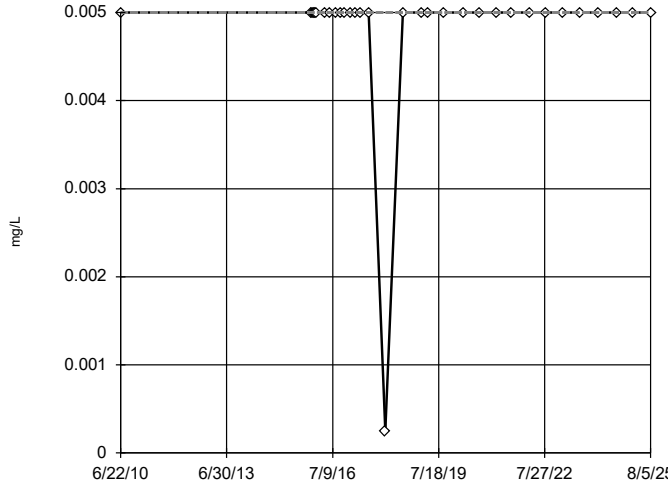
All values are the same.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

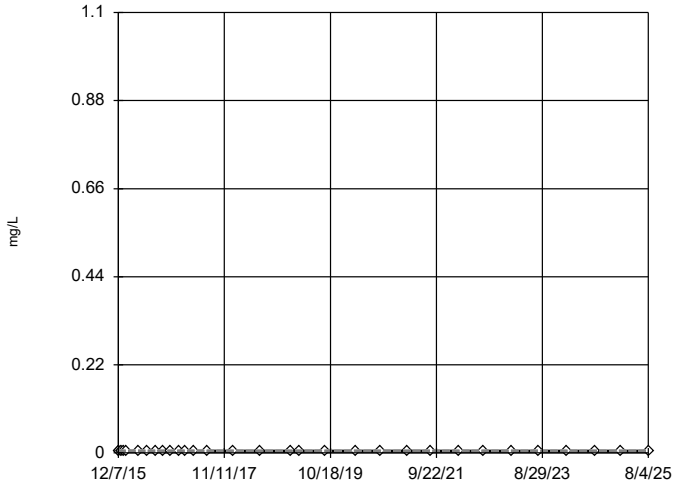
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 31

No outliers found. Tukey's method selected by user.

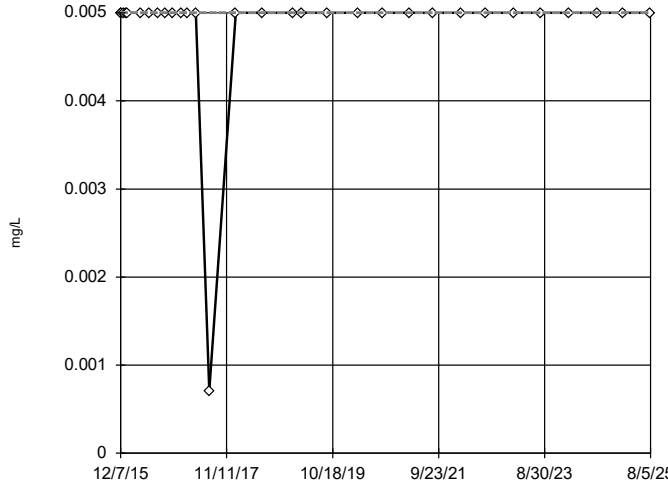
All values are the same.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

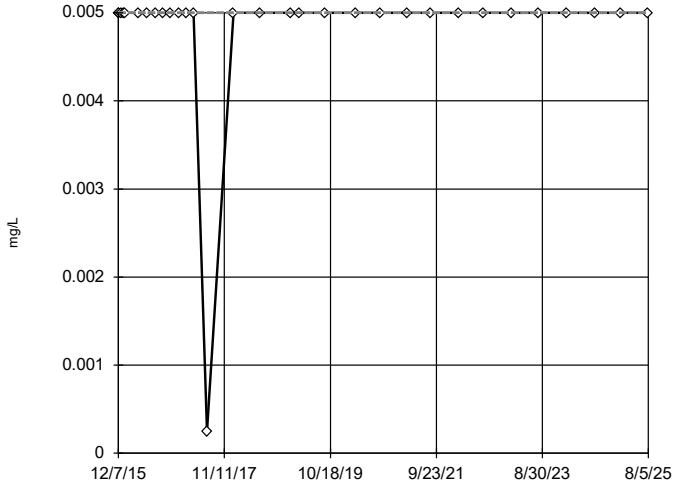
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

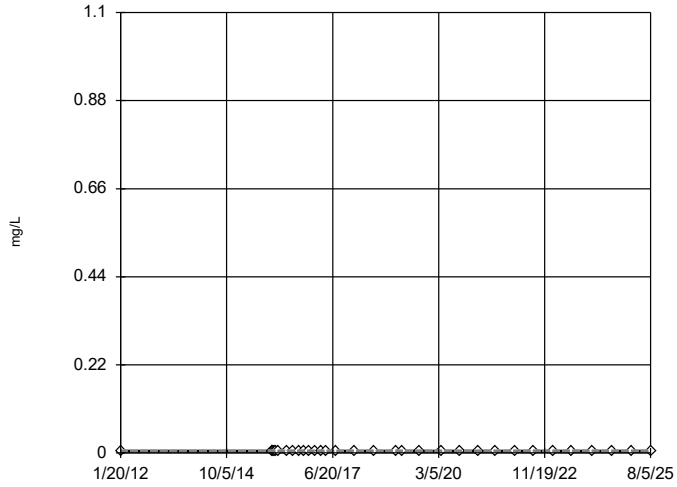
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

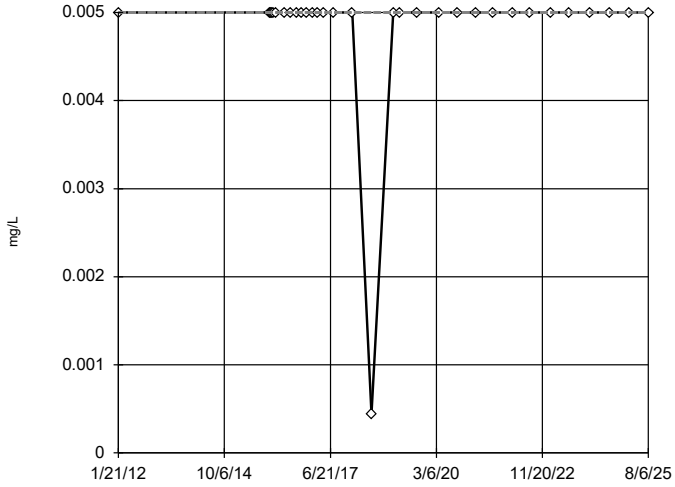
All values are the same.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

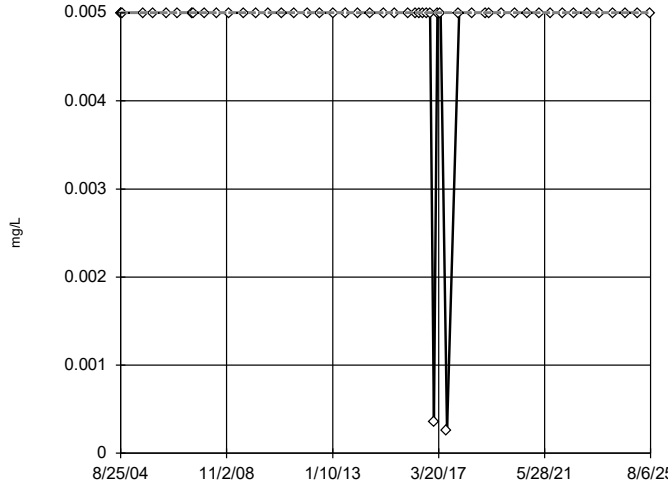
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 52

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

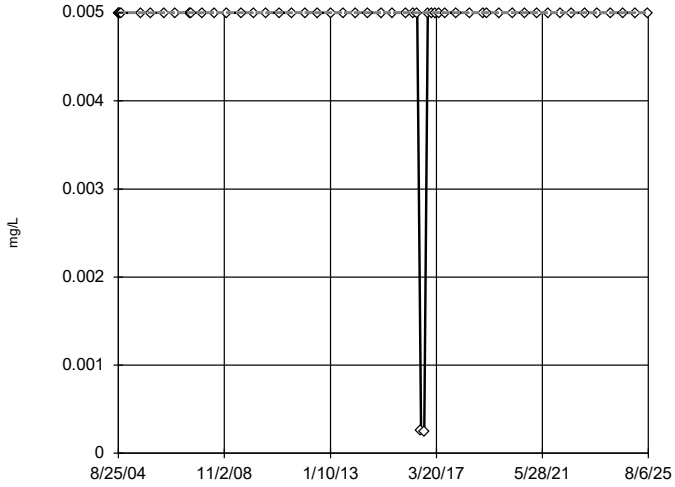
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

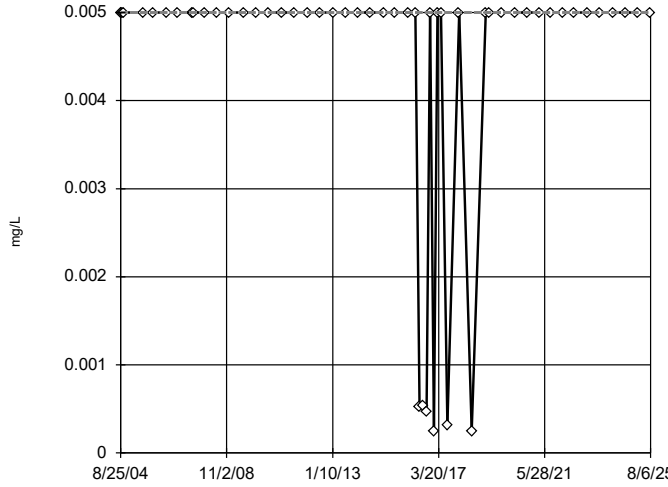
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 53

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

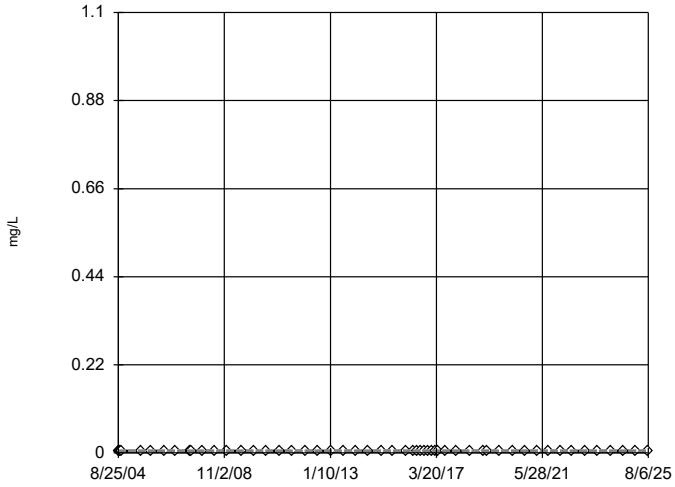
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 53

No outliers found. Tukey's method selected by user.

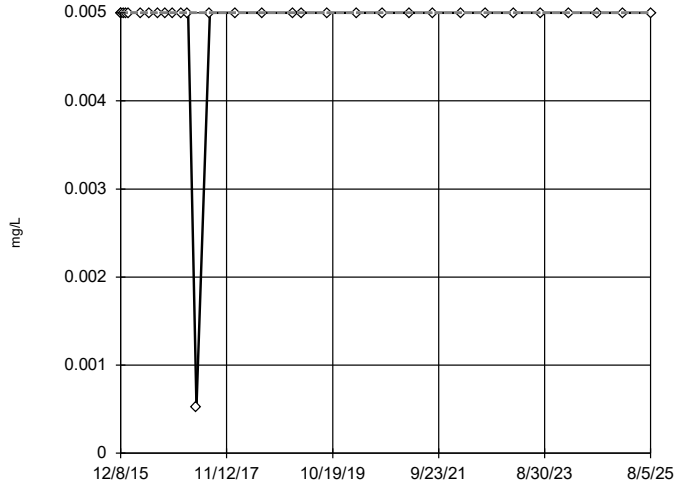
All values are the same.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

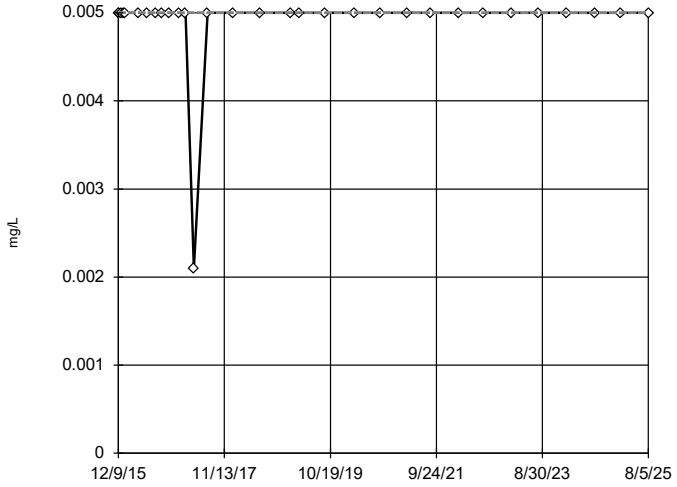
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

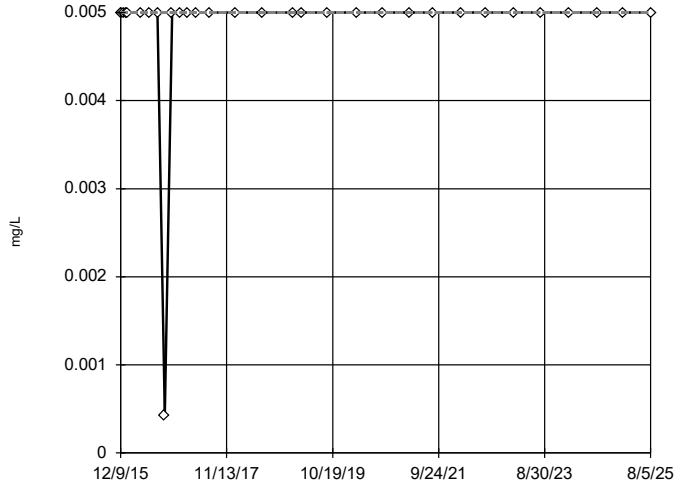
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

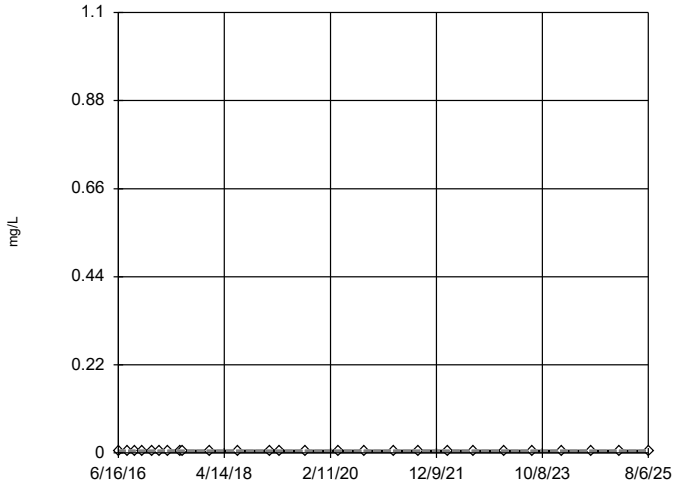
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

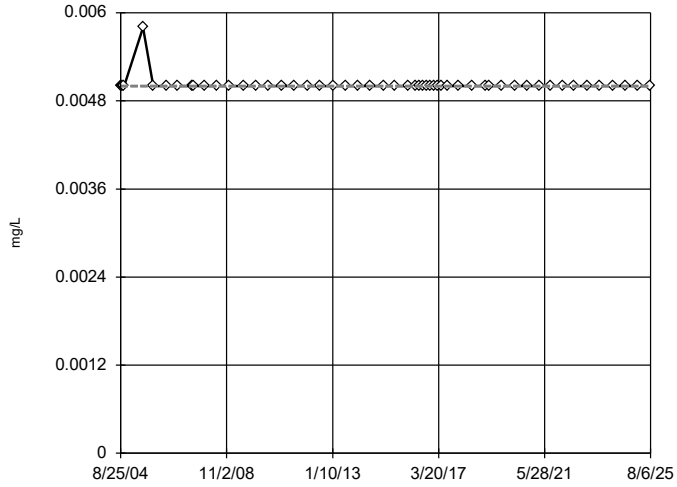
All values are the same.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-9



n = 53

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

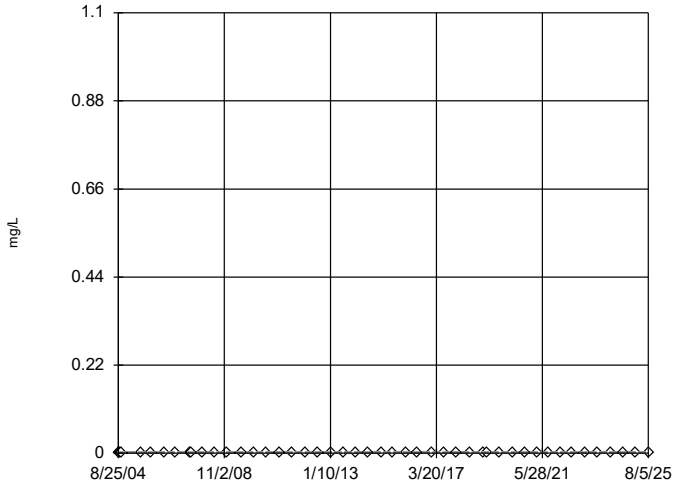
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 47

No outliers found. Tukey's method selected by user.

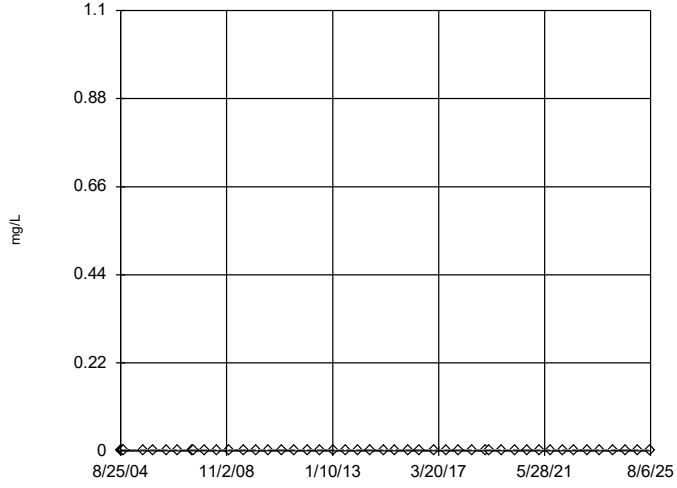
All values are the same.

Constituent: Silver Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 47

No outliers found. Tukey's method selected by user.

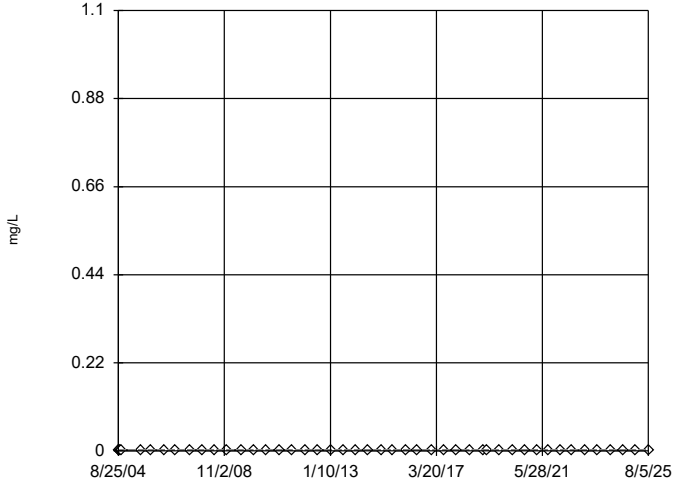
All values are the same.

Constituent: Silver Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 46

No outliers found. Tukey's method selected by user.

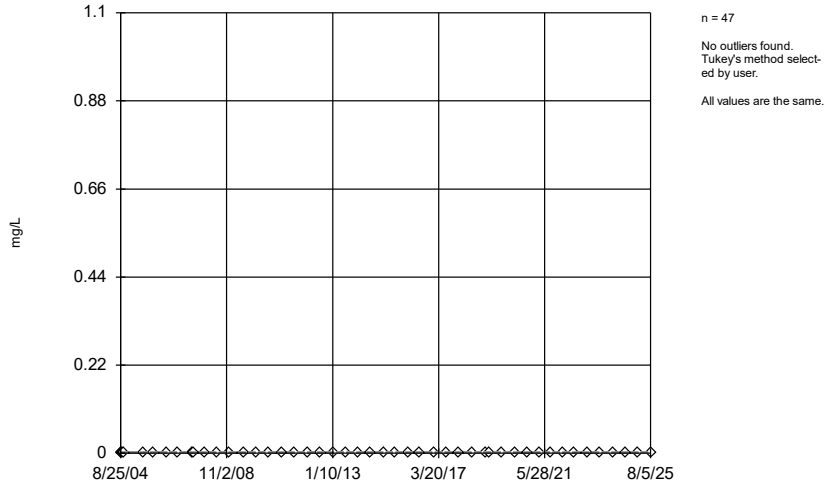
All values are the same.

Constituent: Silver Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 47

No outliers found. Tukey's method select-ed by user.

All values are the same.

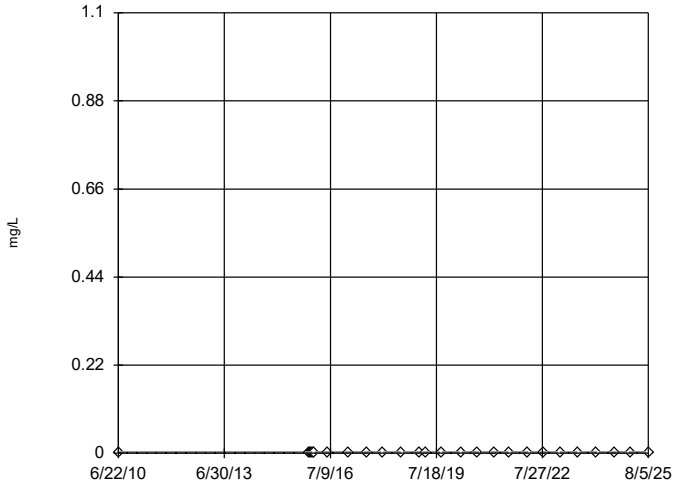
Constituent: Silver Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 26

No outliers found. Tukey's method select-ed by user.

All values are the same.

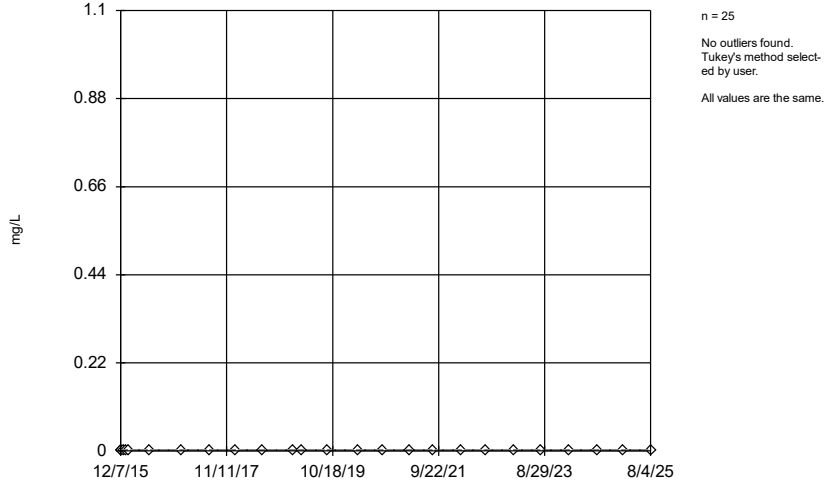
Constituent: Silver Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 25

No outliers found. Tukey's method select-ed by user.

All values are the same.

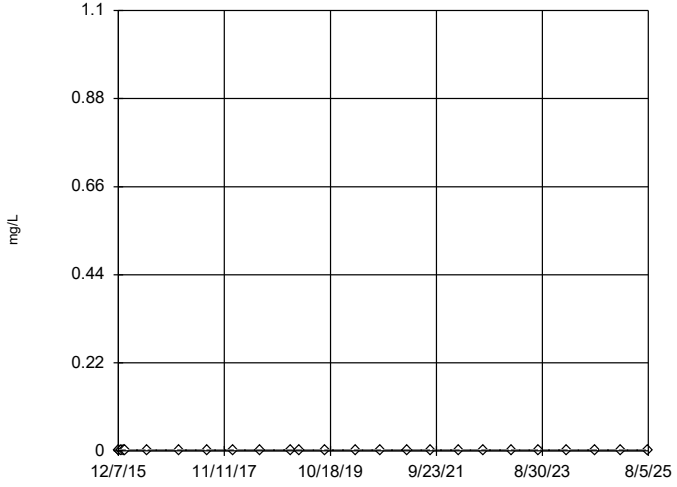
Constituent: Silver Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 25

No outliers found. Tukey's method select-ed by user.

All values are the same.

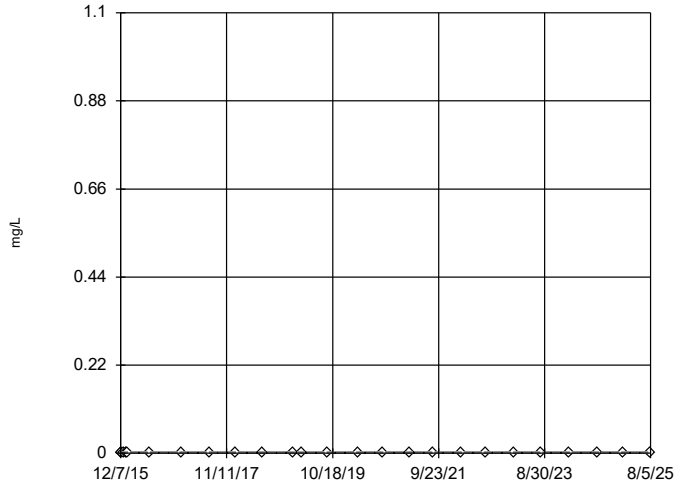
Constituent: Silver Analysis Run 4/14/2026 4:06 PM View: Tukey's Outlier

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 25

No outliers found. Tukey's method selected by user.

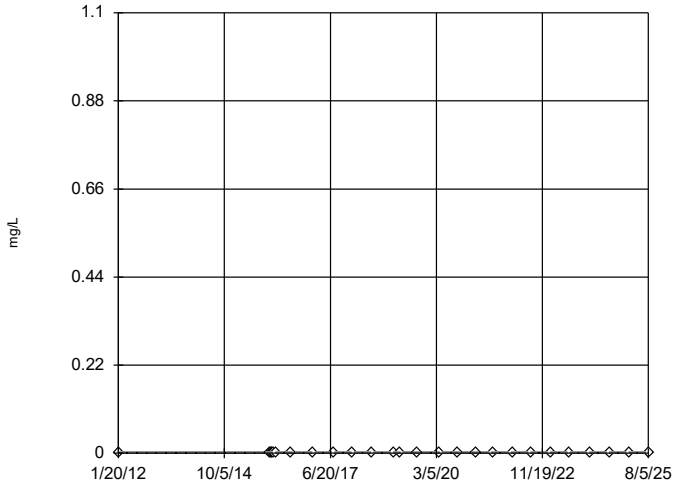
All values are the same.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 26

No outliers found. Tukey's method selected by user.

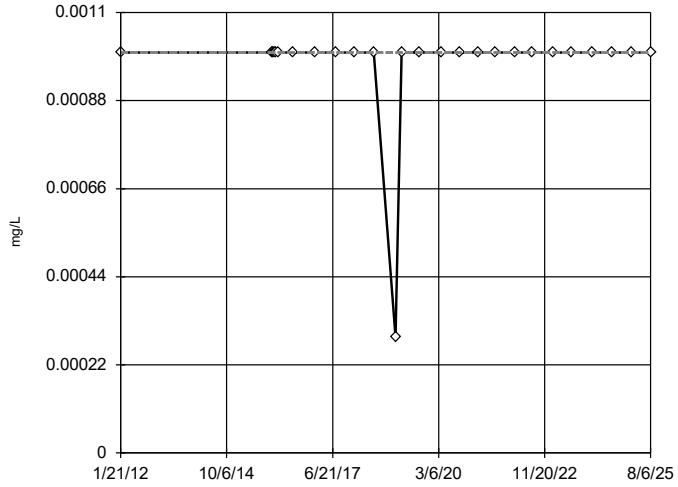
All values are the same.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

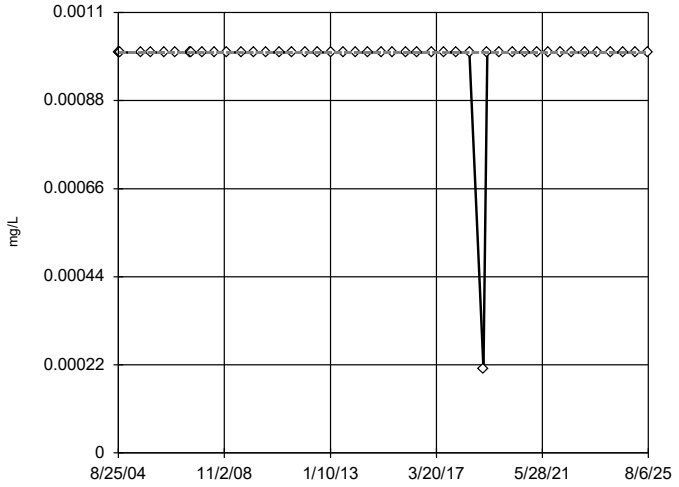
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

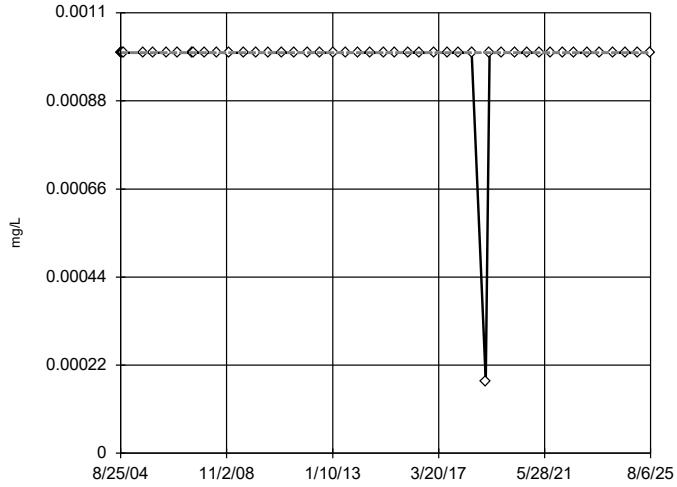
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 47

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

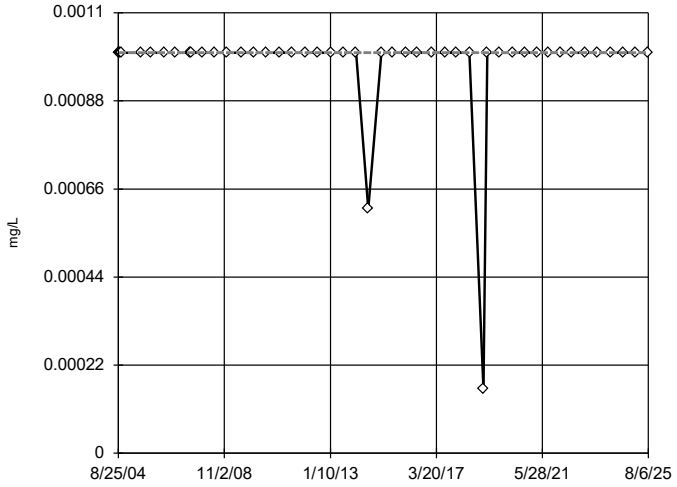
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 47

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

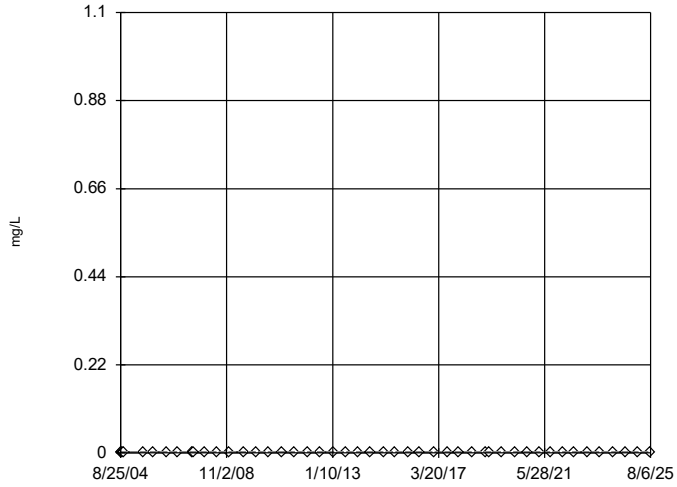
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 47

No outliers found. Tukey's method selected by user.

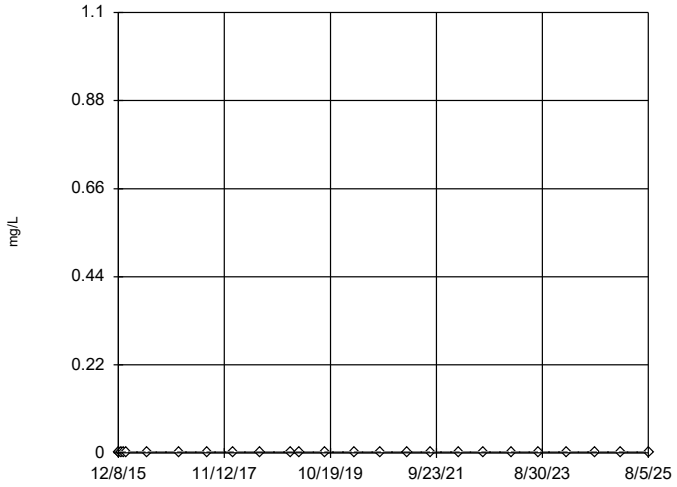
All values are the same.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

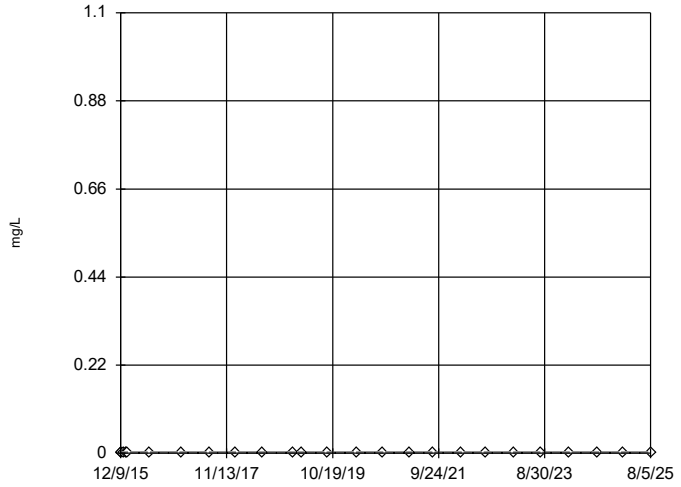
All values are the same.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 25

No outliers found. Tukey's method selected by user.

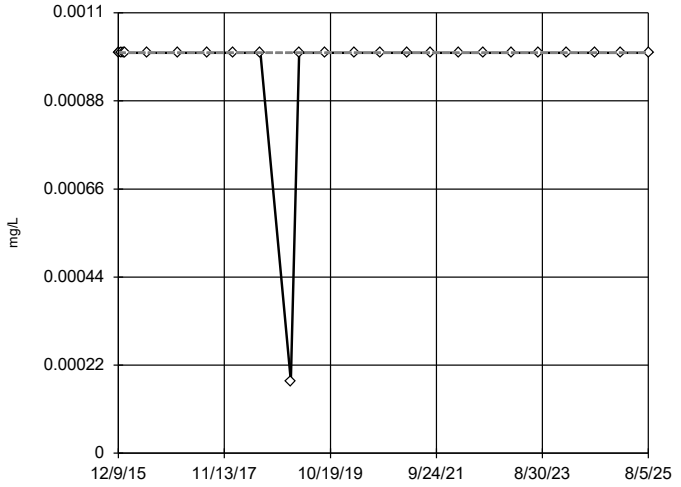
All values are the same.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 25

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

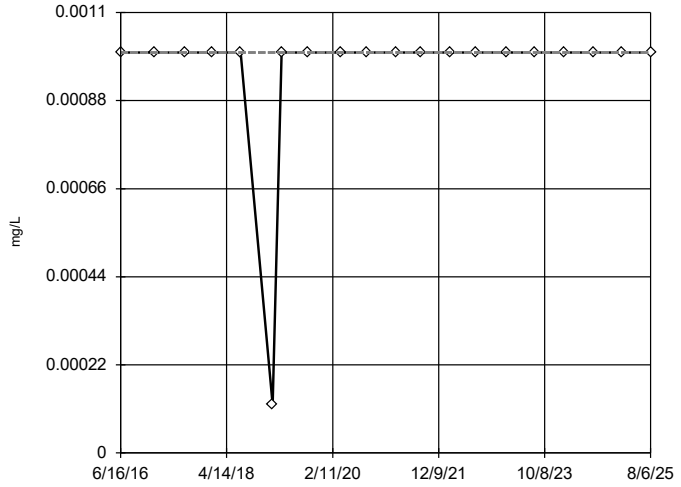
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 20

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

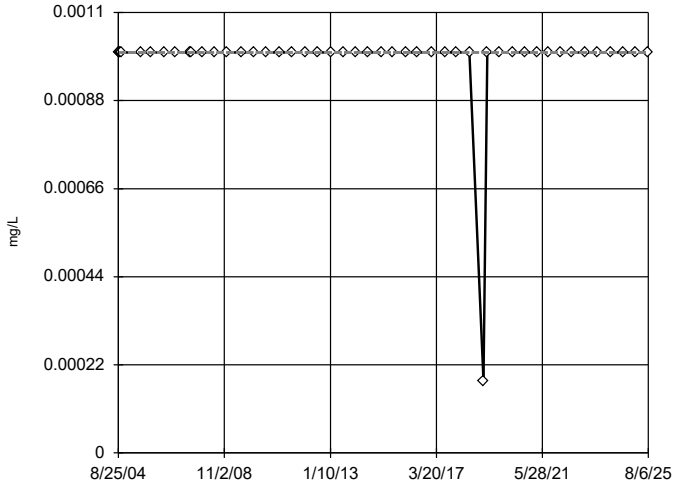
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 47

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

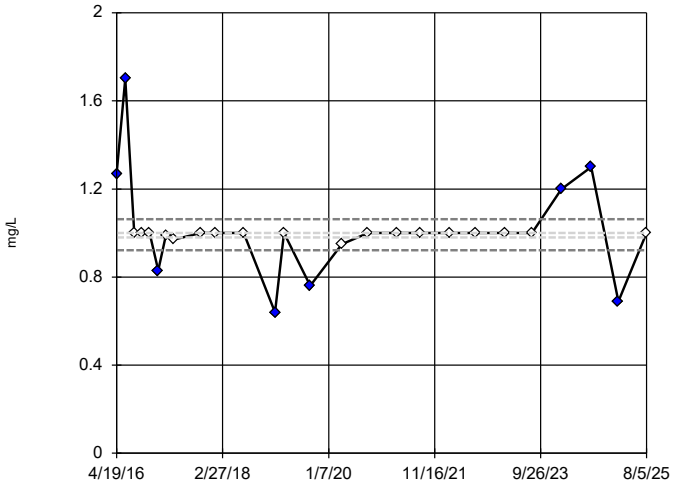
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 26

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

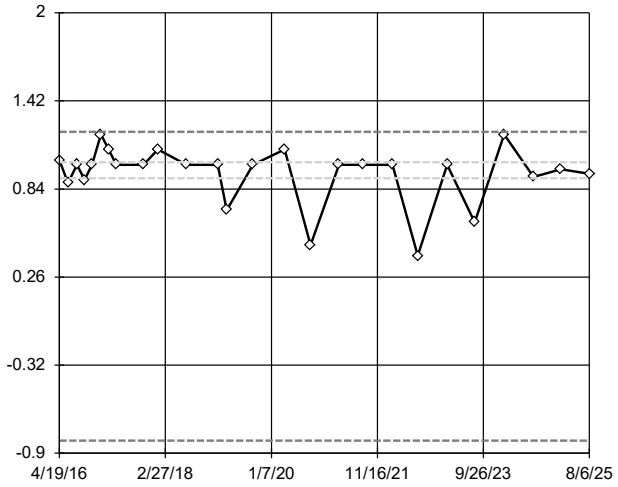
High cutoff = 1.063, low cutoff = 0.9222, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 26

No outliers found.
Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

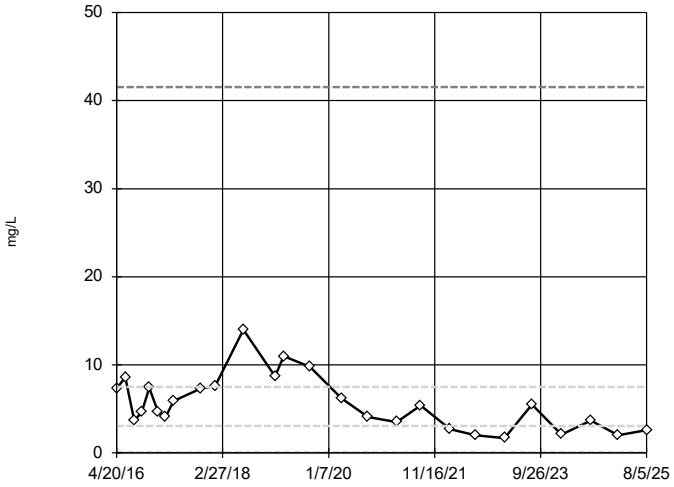
High cutoff = 1.217, low cutoff = -0.816, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 26

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

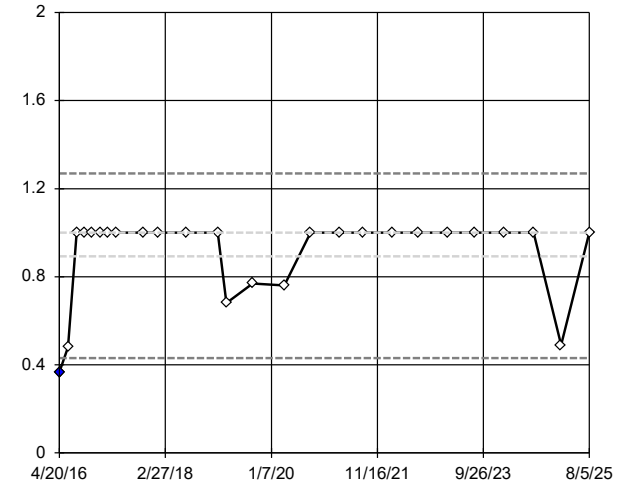
High cutoff = 41.54, low cutoff = -0.0001299, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 26

Outlier is drawn as solid.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

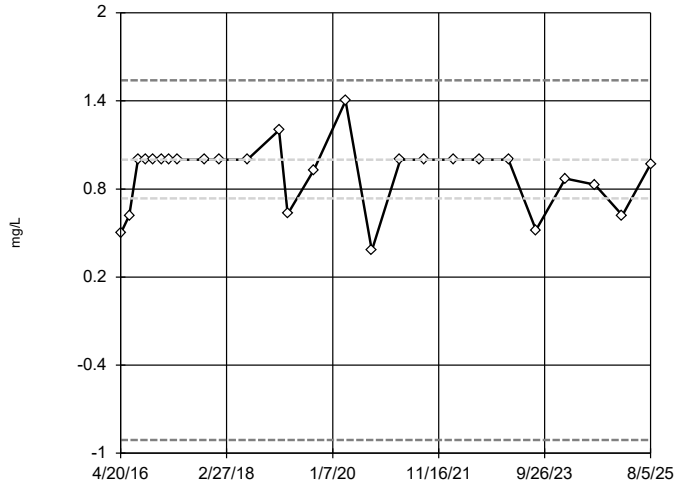
High cutoff = 1.269, low cutoff = 0.431, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 26

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

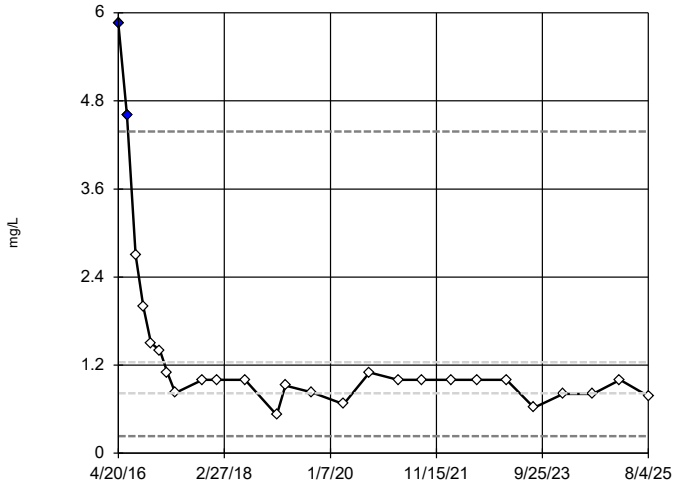
High cutoff = 1.54, low cutoff = -0.9102, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 26

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

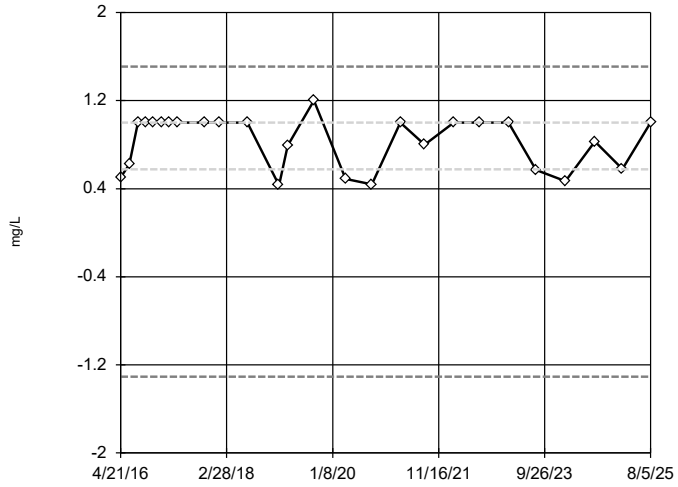
High cutoff = 4.381, low cutoff = 0.2308, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 26

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

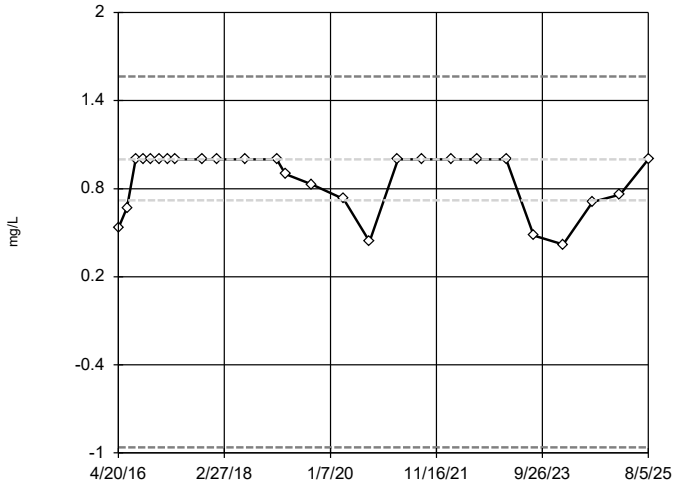
High cutoff = 1.508, low cutoff = -1.308, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 26

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

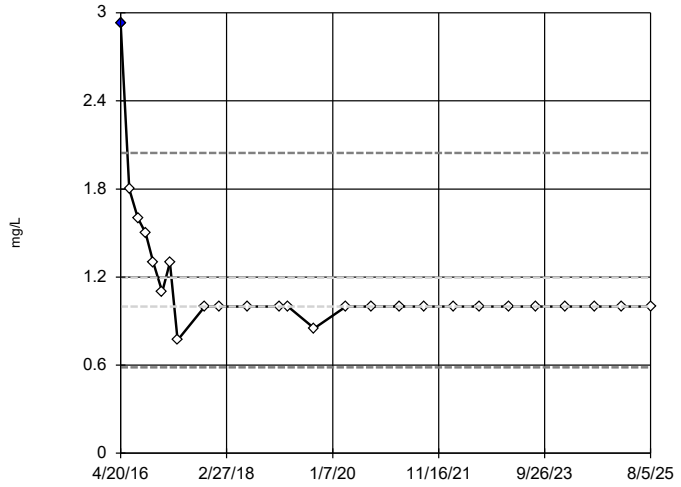
High cutoff = 1.563, low cutoff = -0.9623, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 26

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

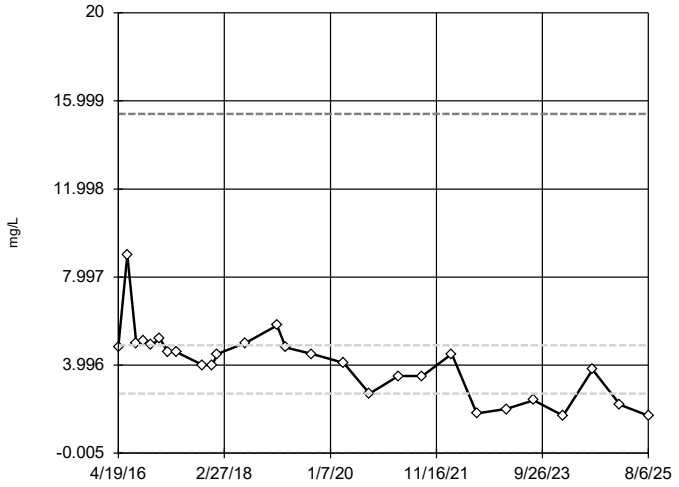
High cutoff = 2.045, low cutoff = 0.5848, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 27

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

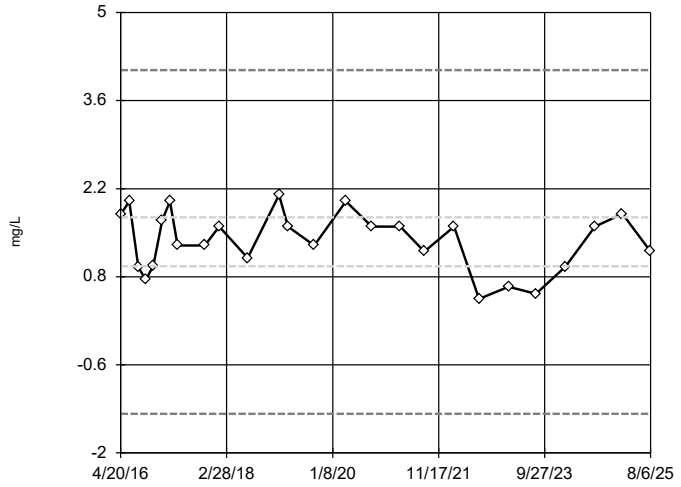
High cutoff = 15.4, low cutoff = -0.004639, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 26

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

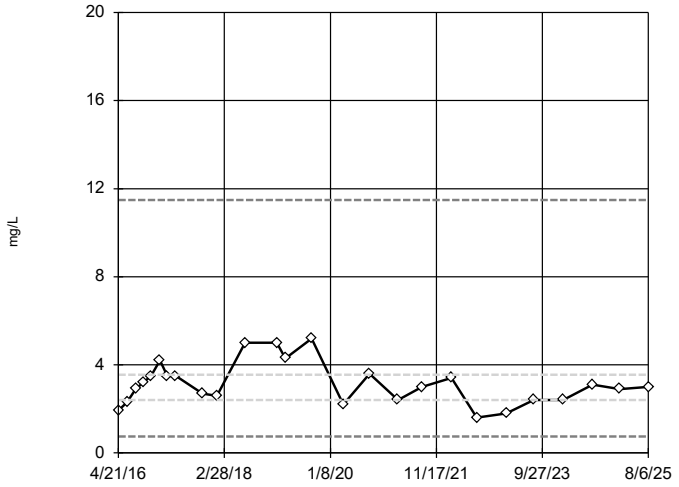
High cutoff = 4.085, low cutoff = -1.375, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

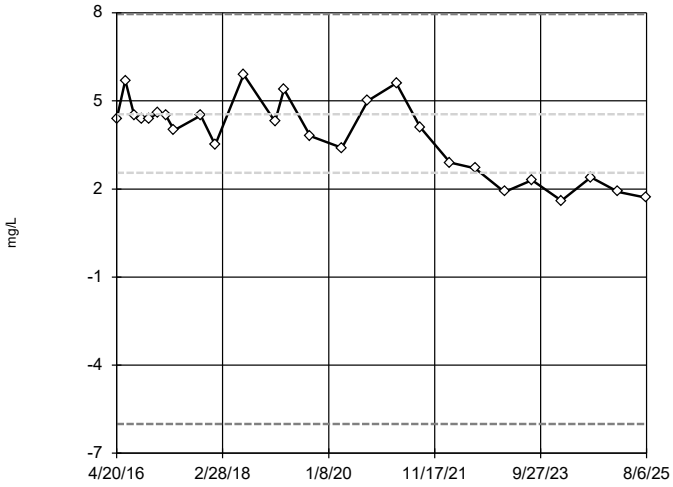
High cutoff = 11.48, low cutoff = 0.7418, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 26

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

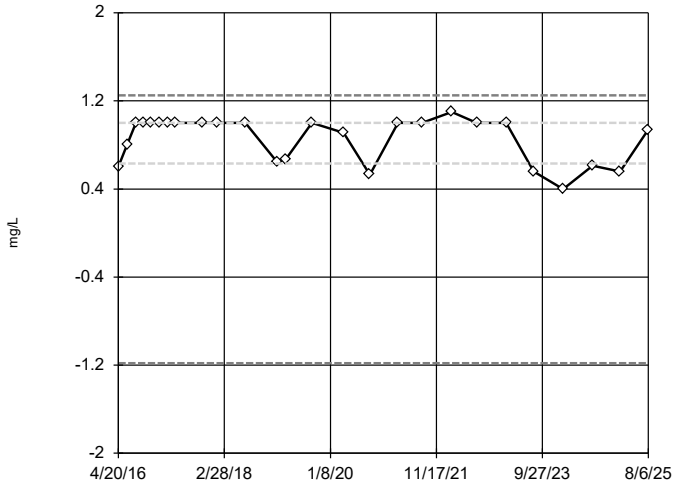
High cutoff = 7.953, low cutoff = -6.001, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 26

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

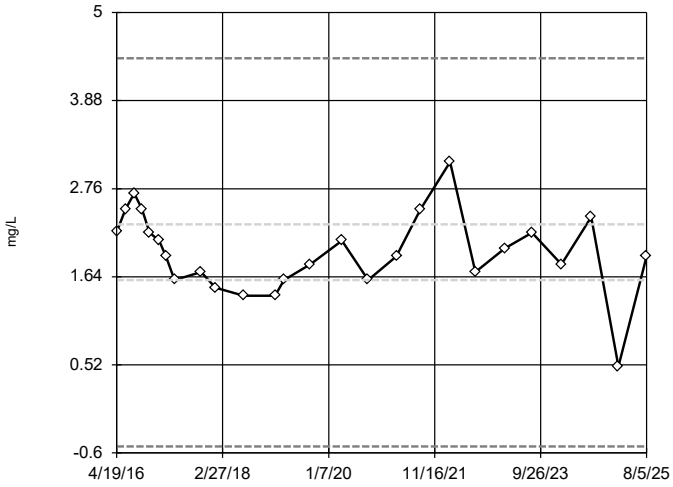
High cutoff = 1.25, low cutoff = -1.183, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 26

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

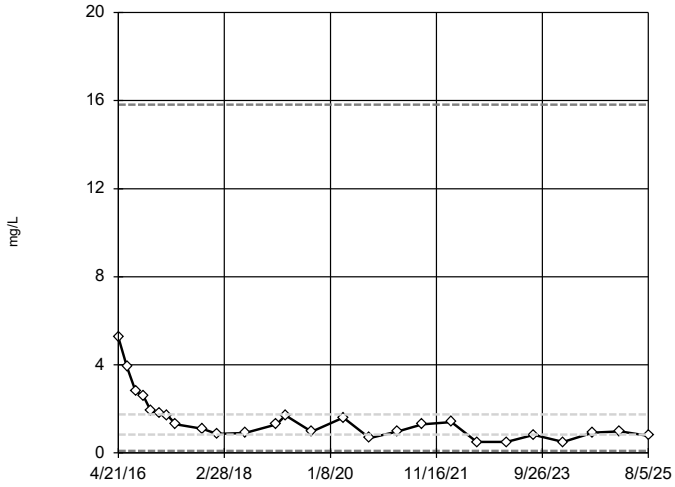
High cutoff = 4.42, low cutoff = -0.515, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

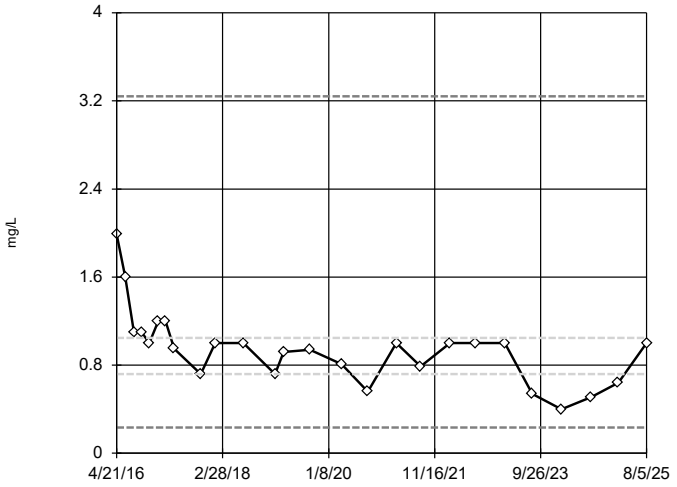
High cutoff = 15.81, low cutoff = 0.09291, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 26

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

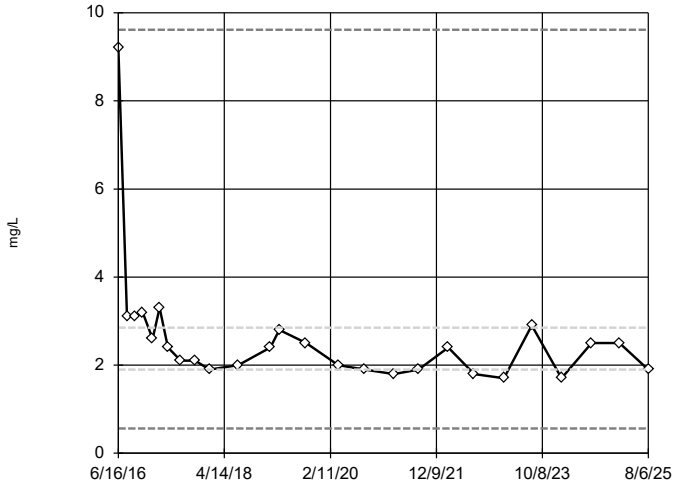
High cutoff = 3.242, low cutoff = 0.2329, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

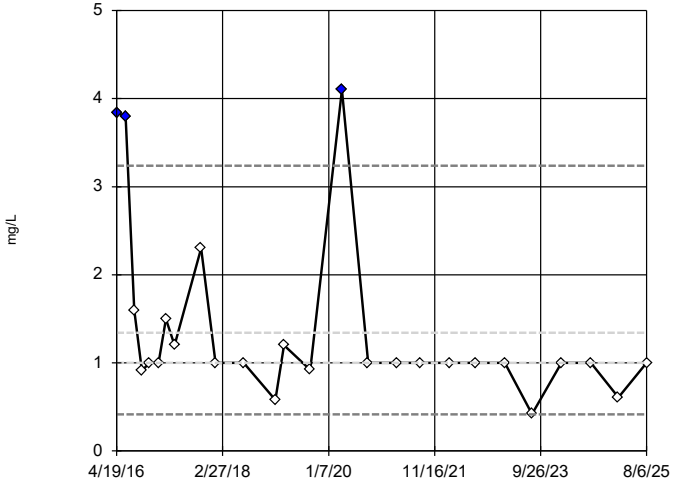
High cutoff = 9.613, low cutoff = 0.5632, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 26

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

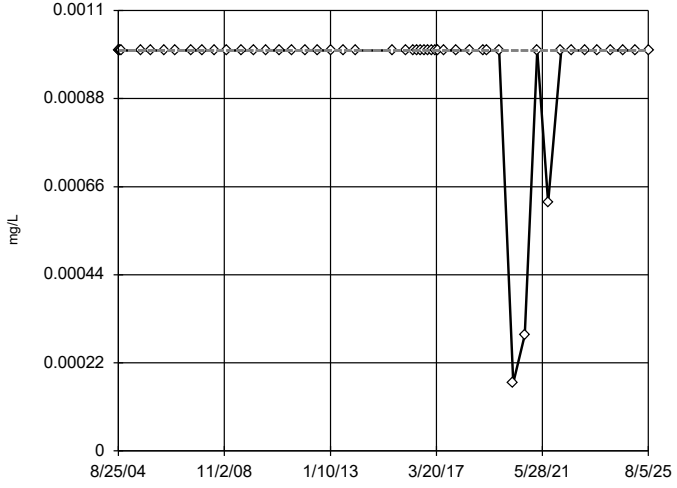
High cutoff = 3.24, low cutoff = 0.4141, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 50

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

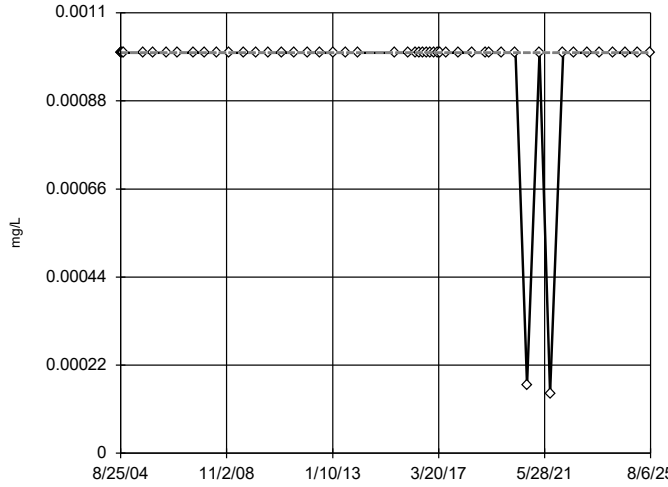
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 50

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

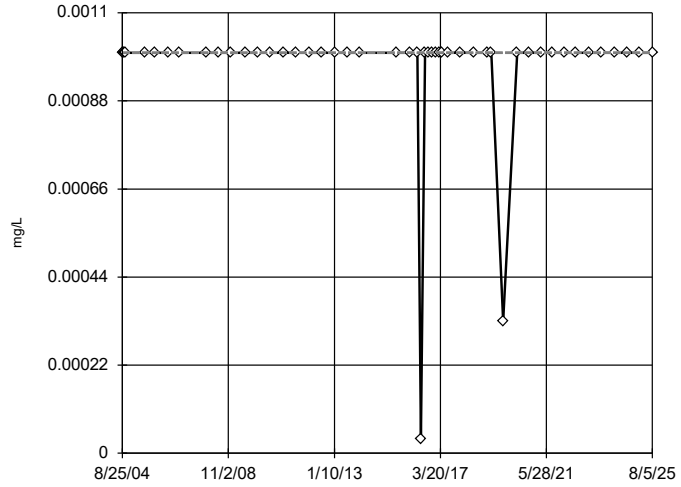
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 49

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

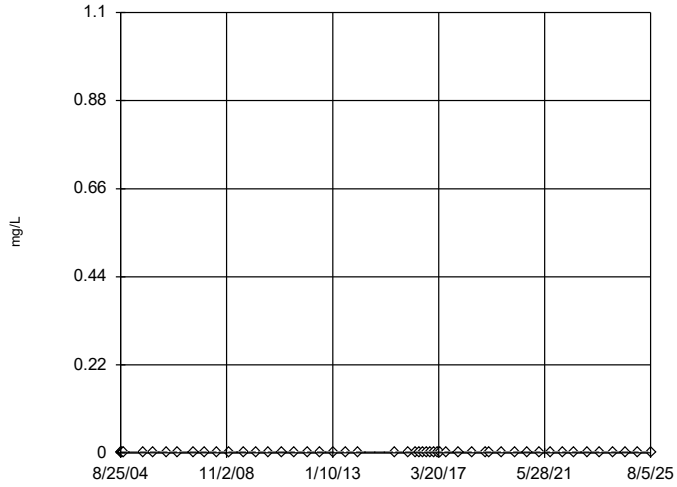
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 50

No outliers found. Tukey's method selected by user.

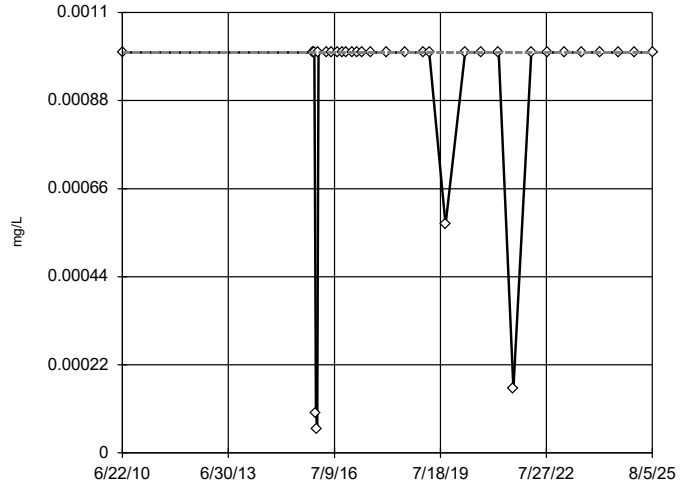
All values are the same.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

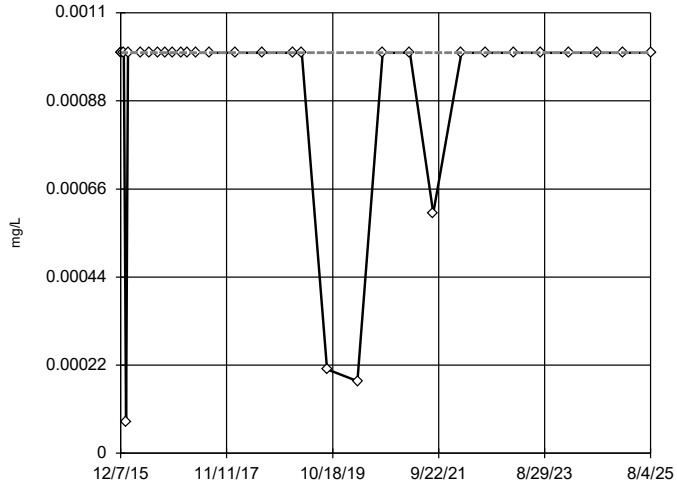
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

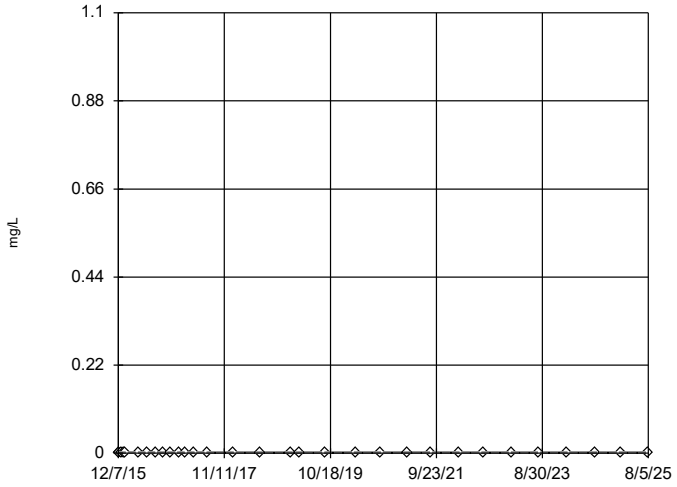
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 31

No outliers found. Tukey's method selected by user.

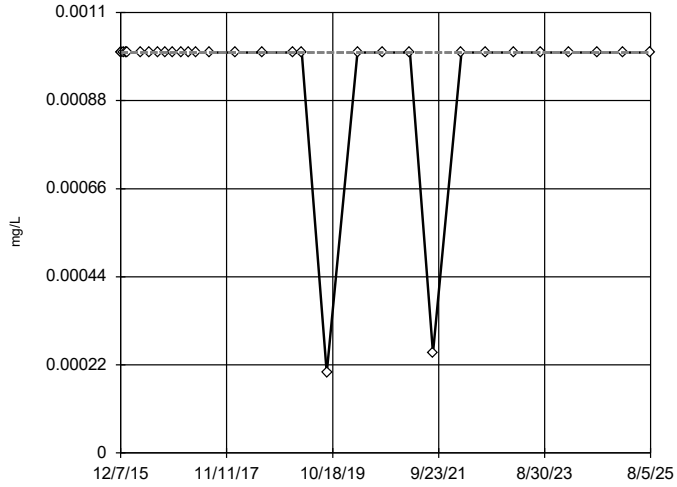
All values are the same.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

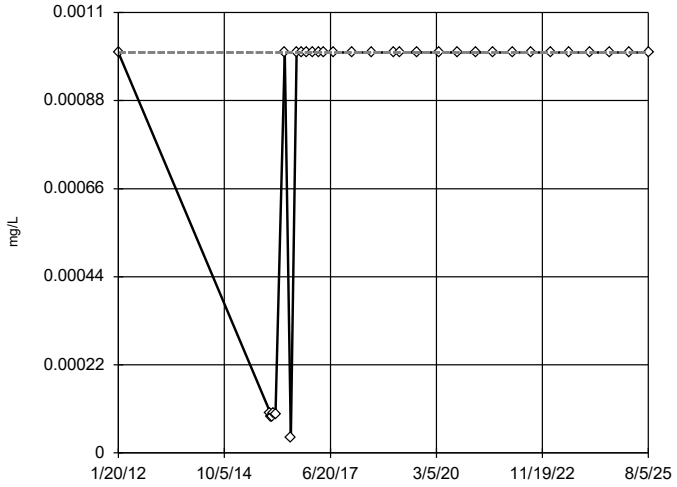
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

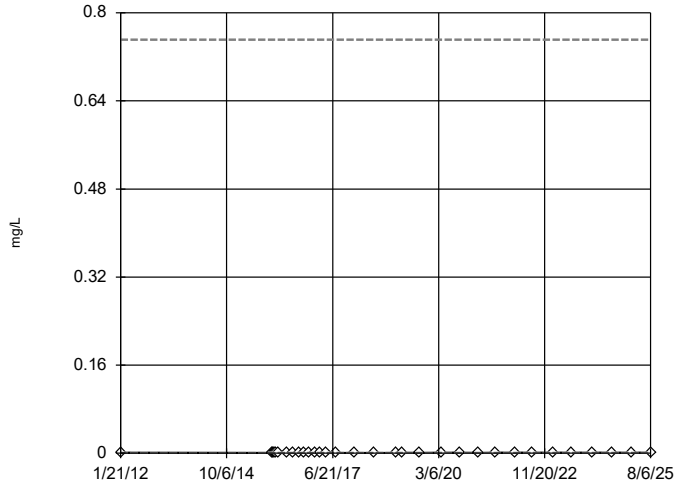
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

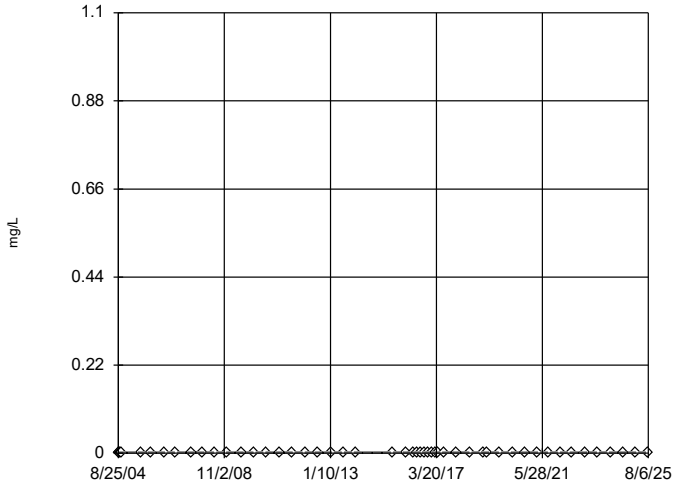
High cutoff = 0.7513, low cutoff = 1.5e-7, based on IQR multiplier of 3.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 50

No outliers found. Tukey's method selected by user.

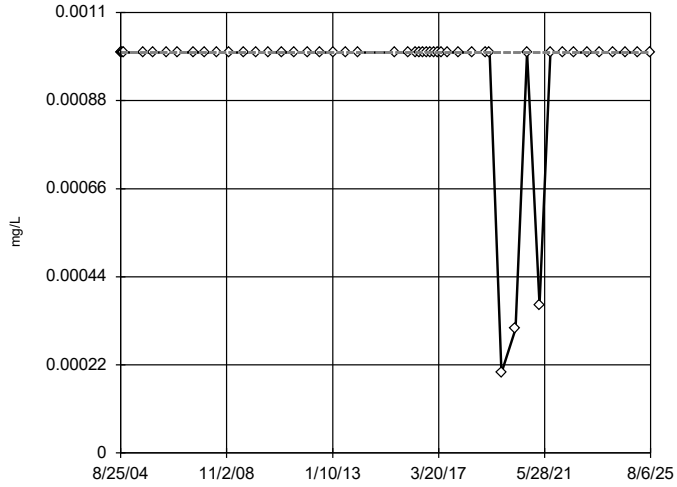
All values are the same.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 50

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

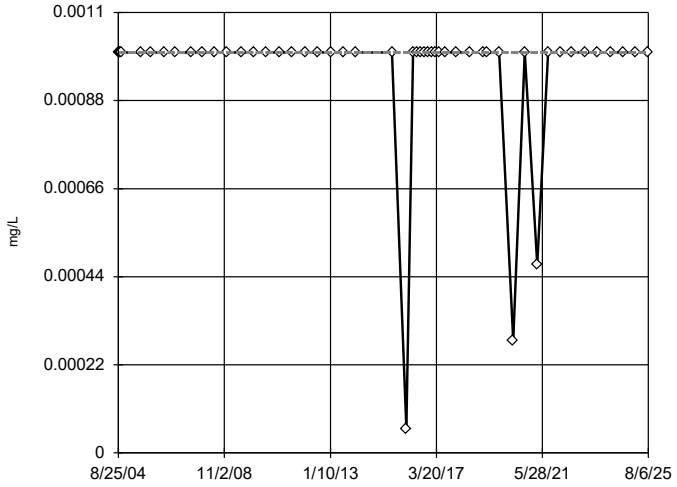
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 50

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

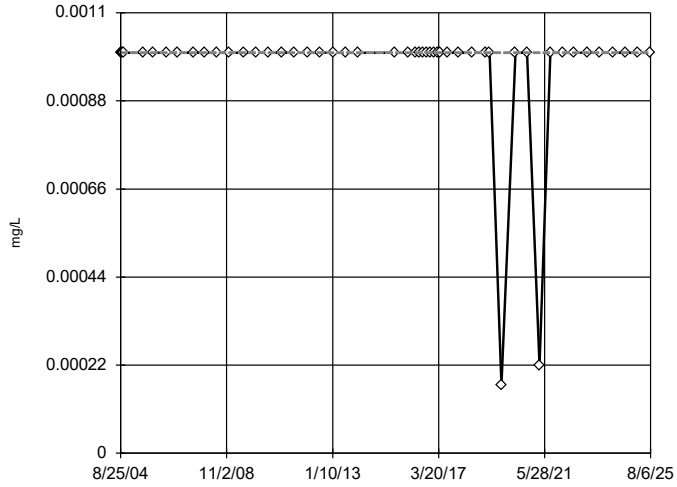
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 50

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

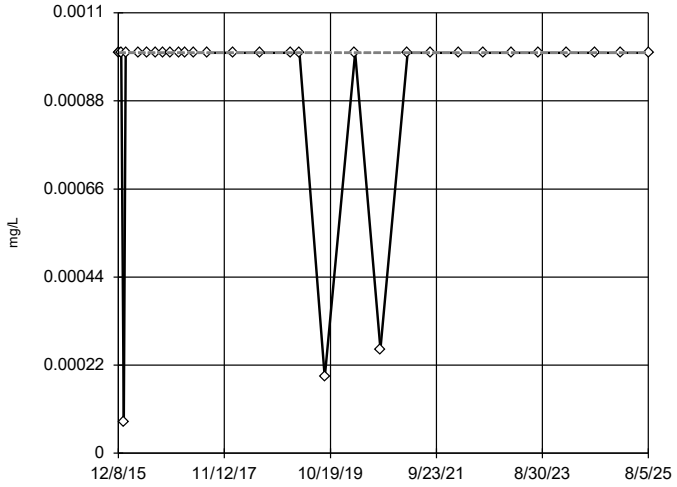
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

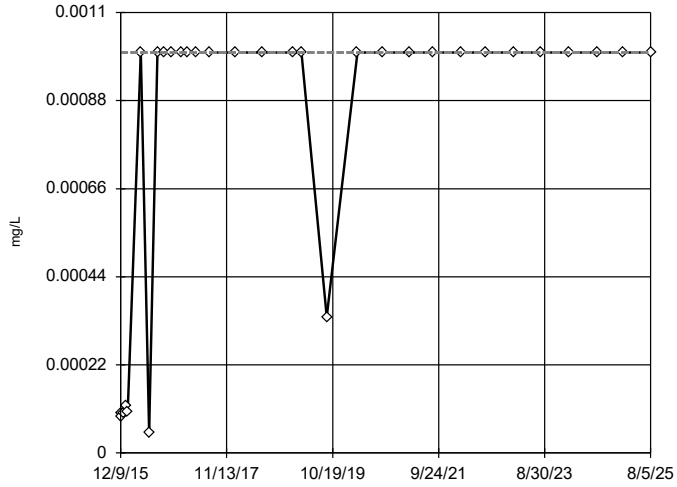
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

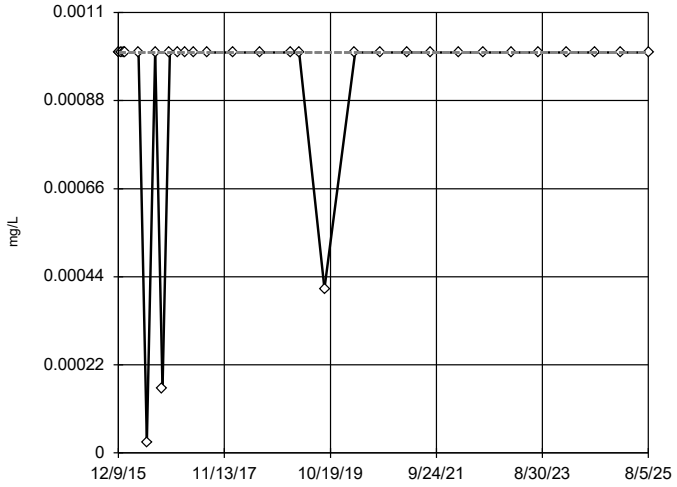
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 31

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

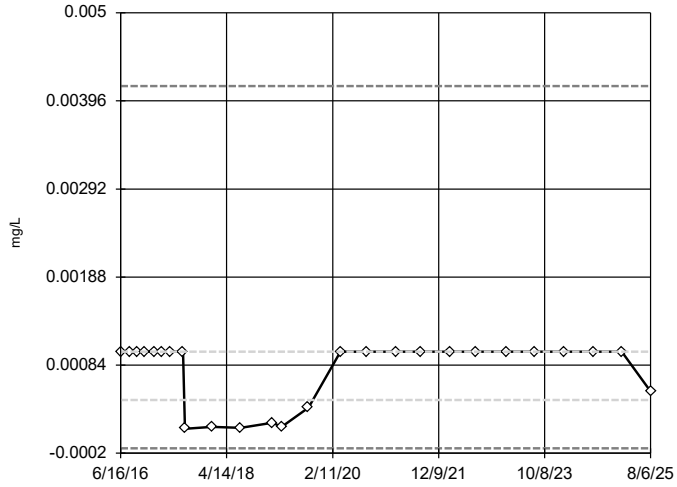
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 26

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

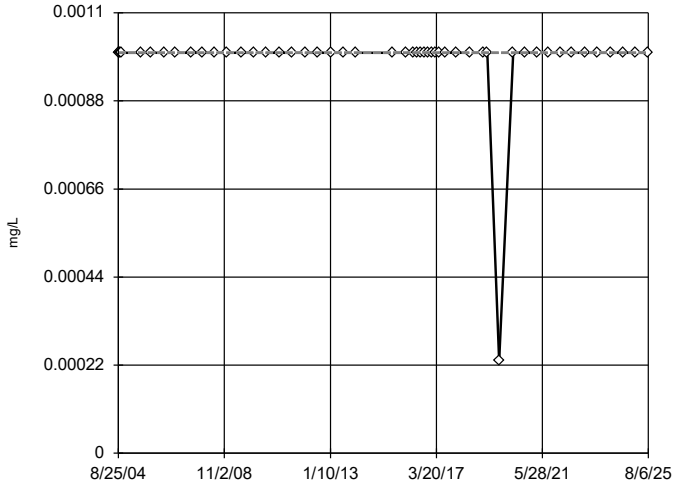
High cutoff = 0.004134, low cutoff = -0.0001427, based on IQR multiplier of 3.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 50

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

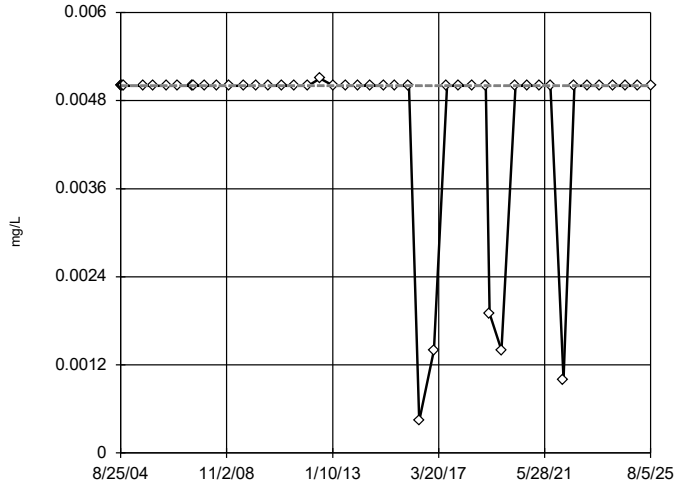
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

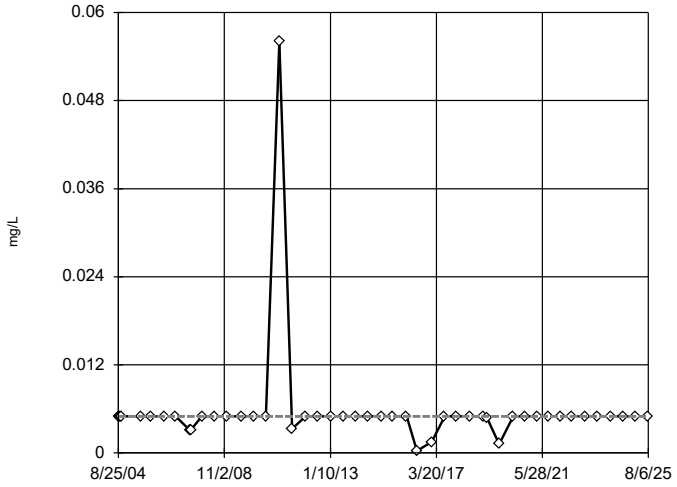
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

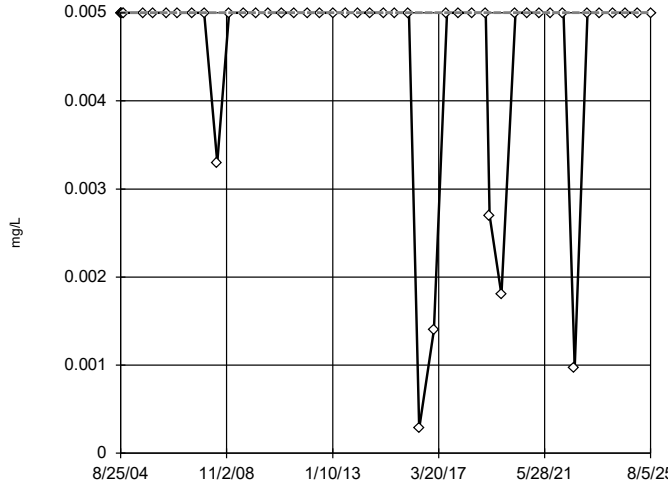
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 46

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

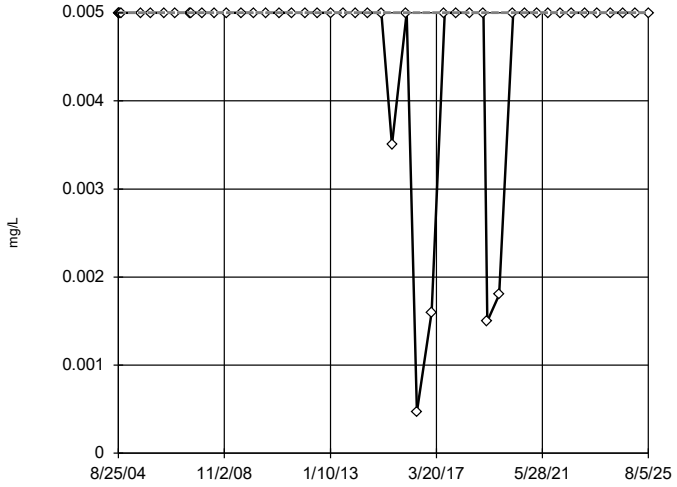
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

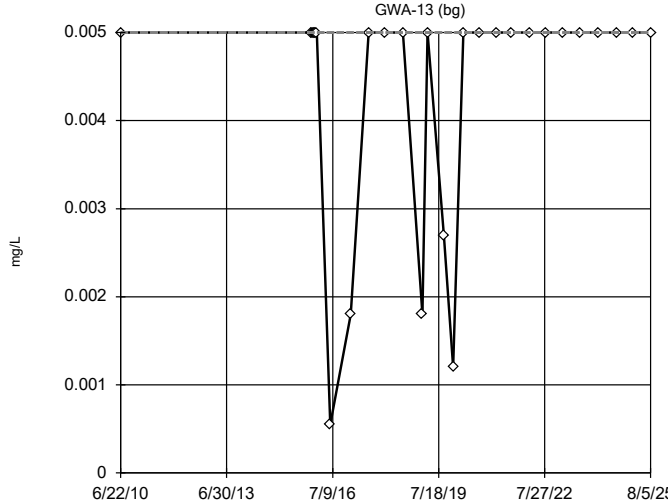
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 27

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

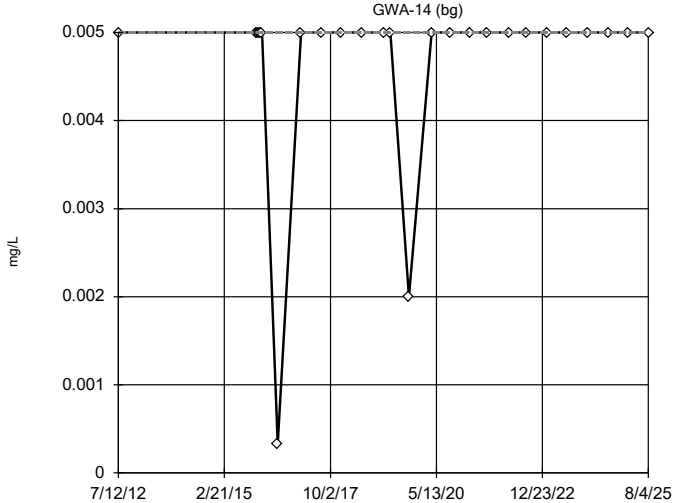
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

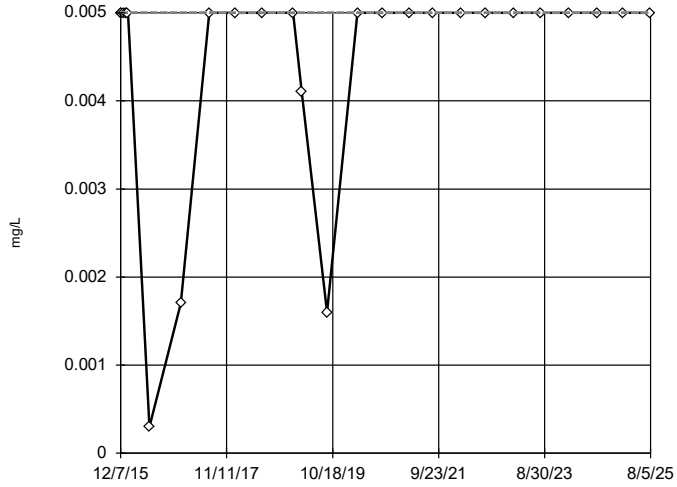
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

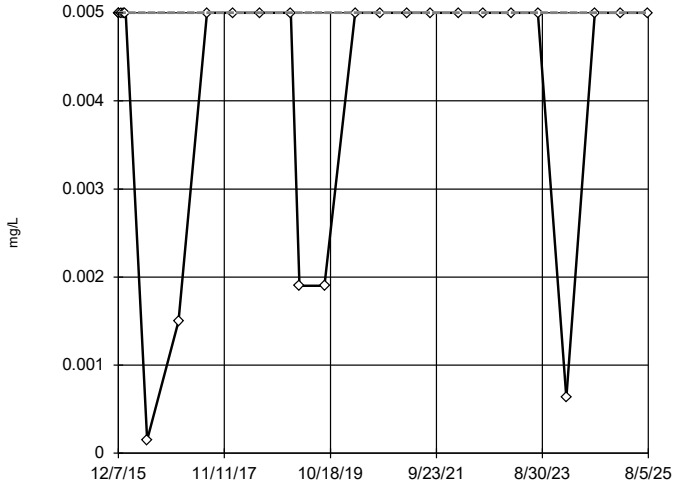
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

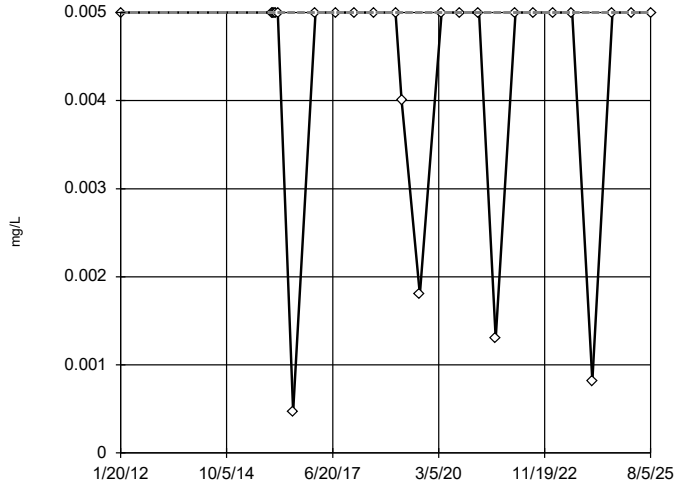
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

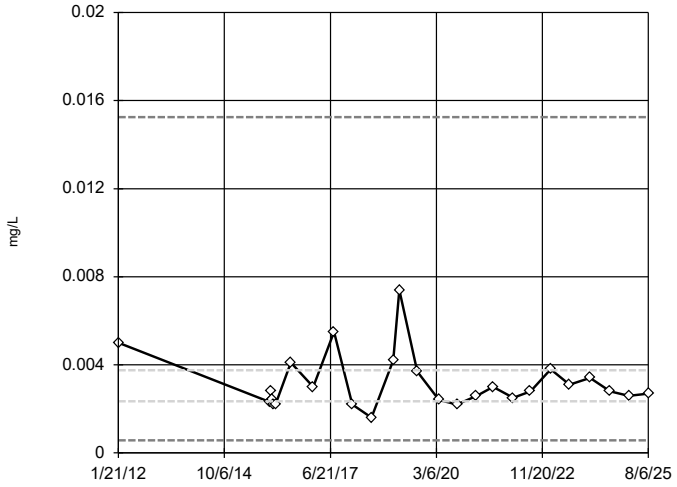
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

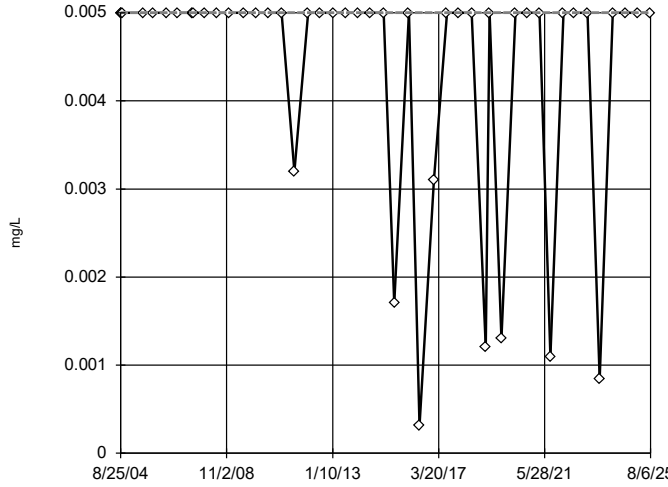
High cutoff = 0.01524, low cutoff = 0.000578, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 46

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

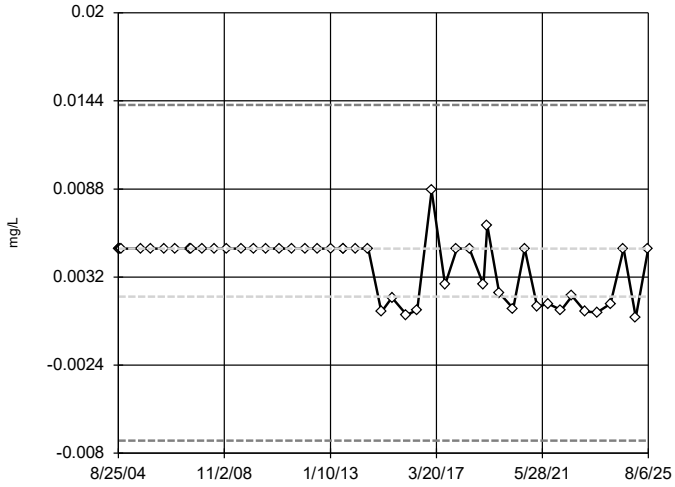
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 48

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

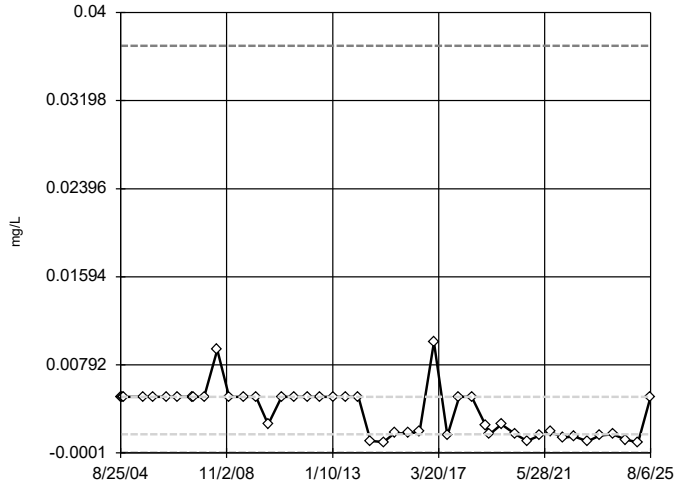
High cutoff = 0.01415, low cutoff = -0.0072, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 47

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

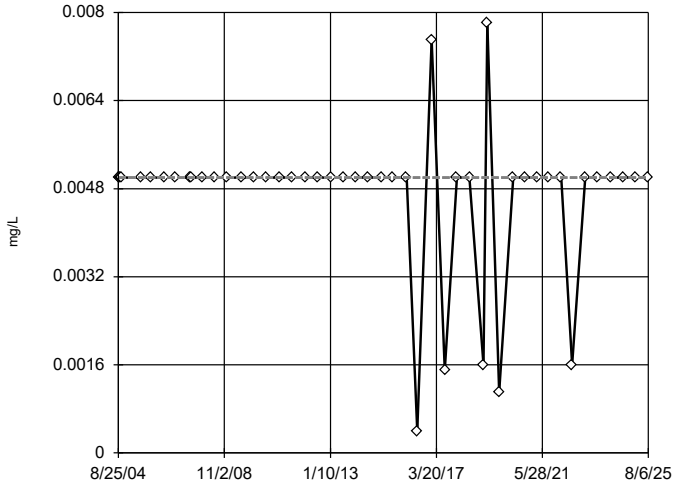
High cutoff = 0.03696, low cutoff = -0.00009204, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-12



n = 47

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

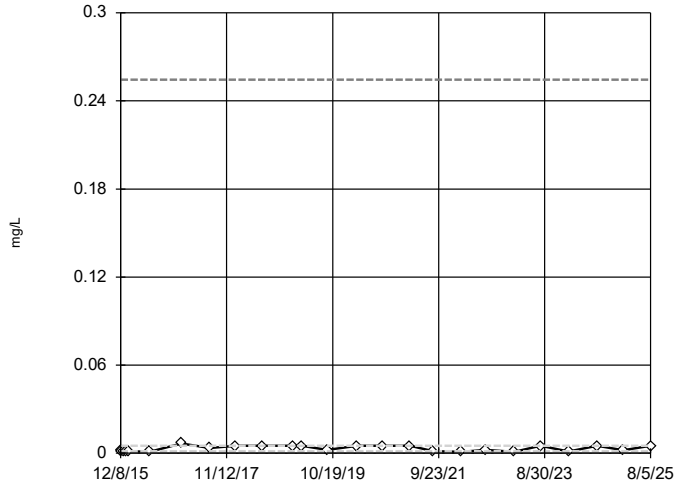
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

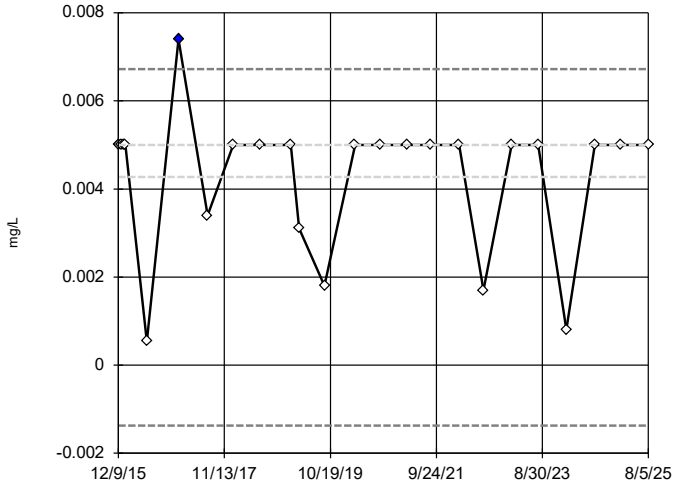
High cutoff = 0.2545, low cutoff = 0.0000265, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

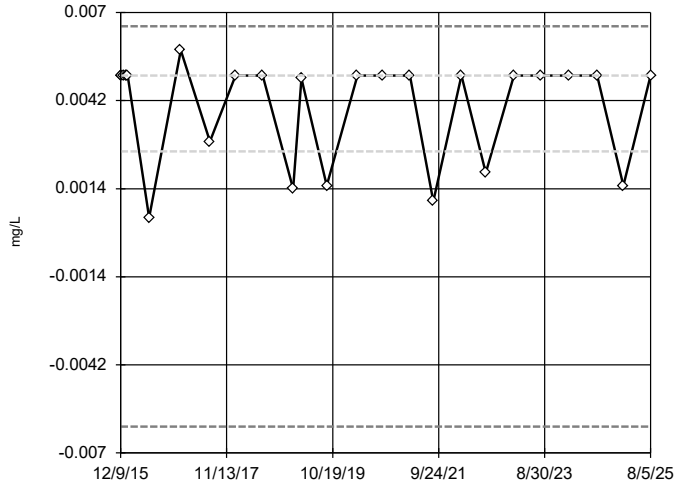
High cutoff = 0.00672, low cutoff = -0.001371, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 25

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

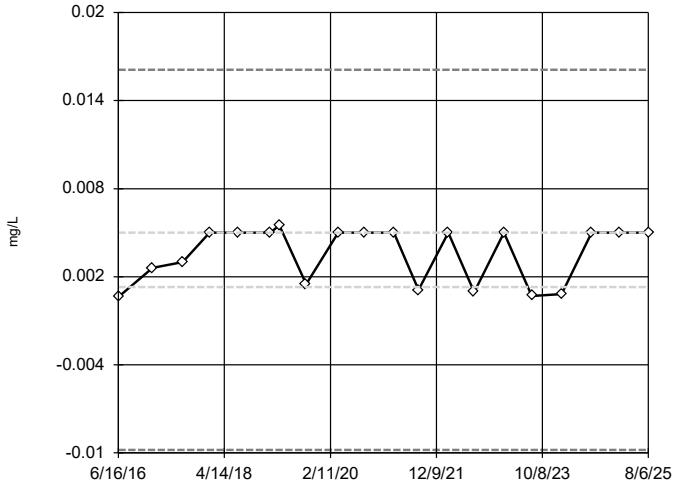
High cutoff = 0.006561, low cutoff = -0.006166, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 20

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

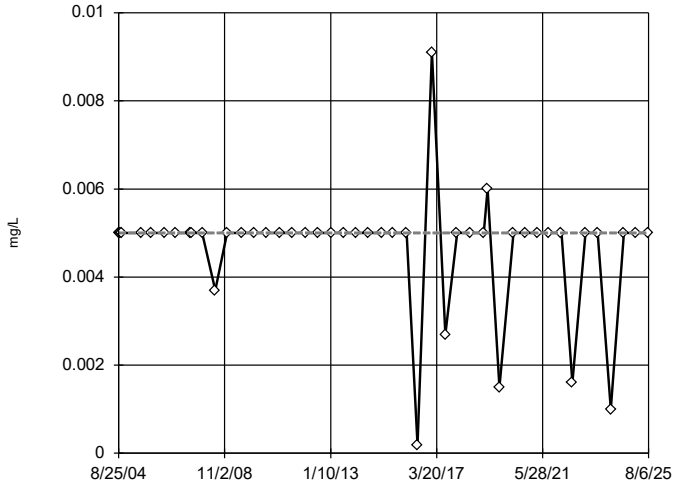
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 47

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

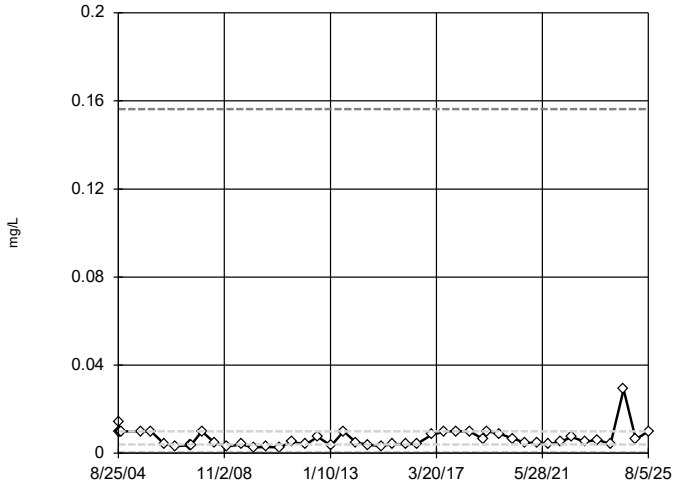
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-2 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

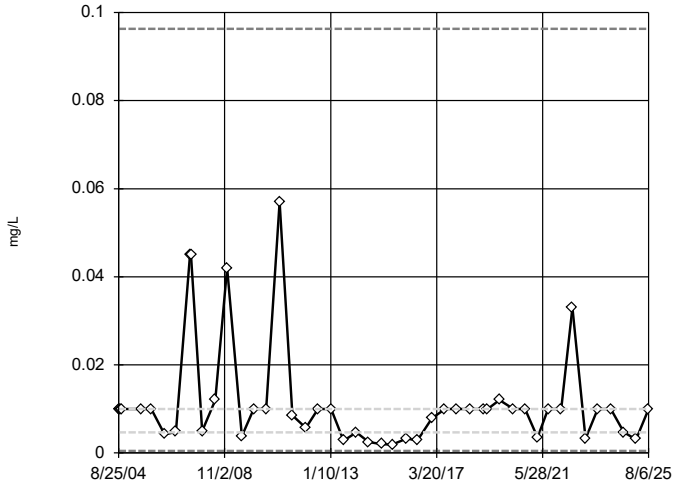
High cutoff = 0.1562, low cutoff = 0.000256, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-3 (bg)



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

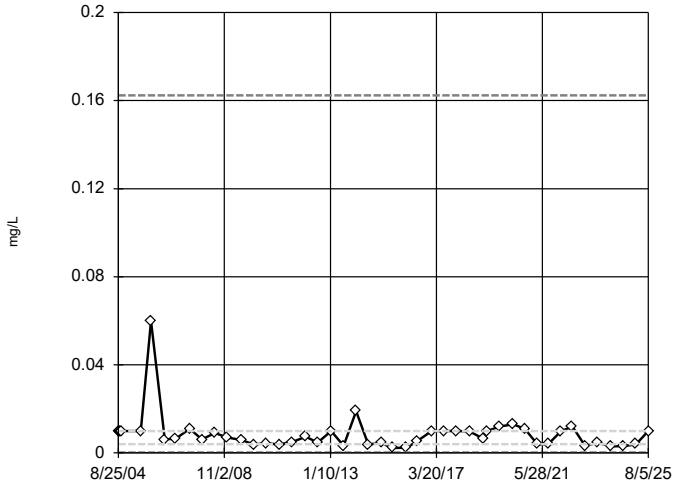
High cutoff = 0.09632, low cutoff = 0.000488, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-4A (bg)



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

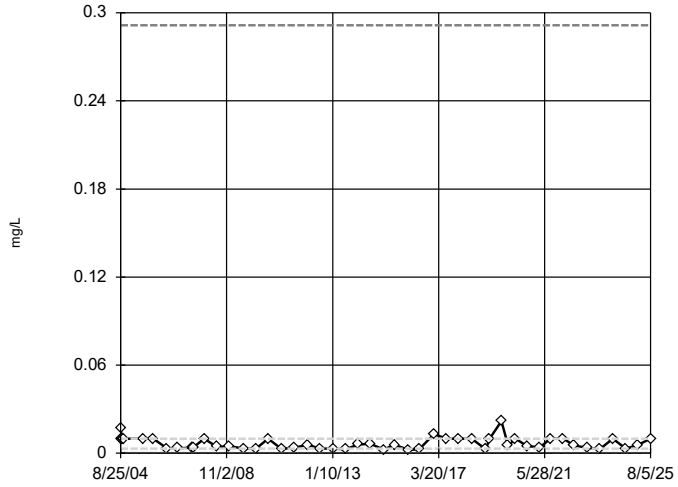
High cutoff = 0.1623, low cutoff = 0.0002434, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-5 (bg)



n = 48

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

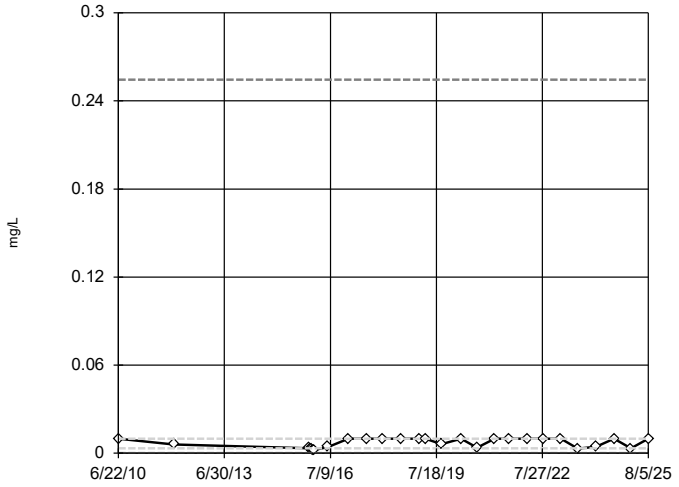
High cutoff = 0.2914, low cutoff = 0.0001115, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-13 (bg)



n = 27

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

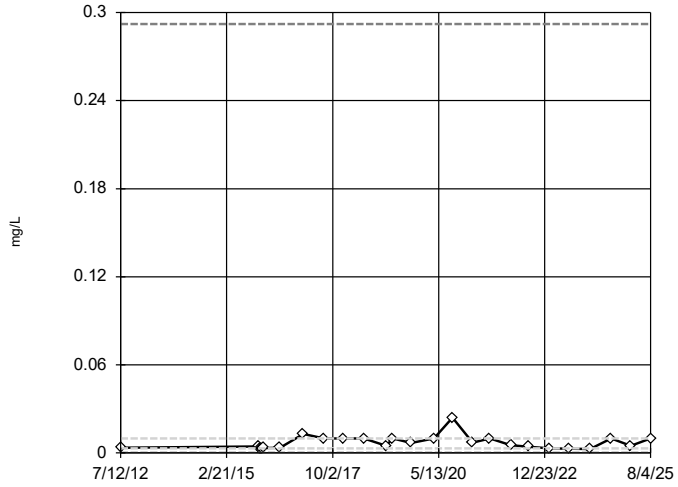
High cutoff = 0.2544, low cutoff = 0.0001336, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-14 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

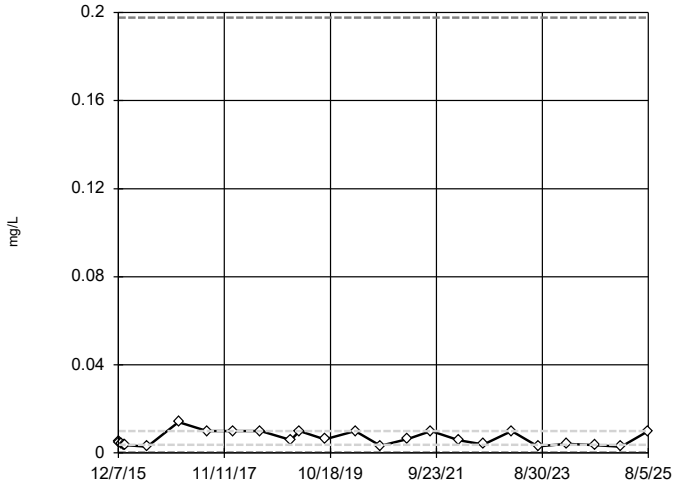
High cutoff = 0.2922, low cutoff = 0.0001111, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-15 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

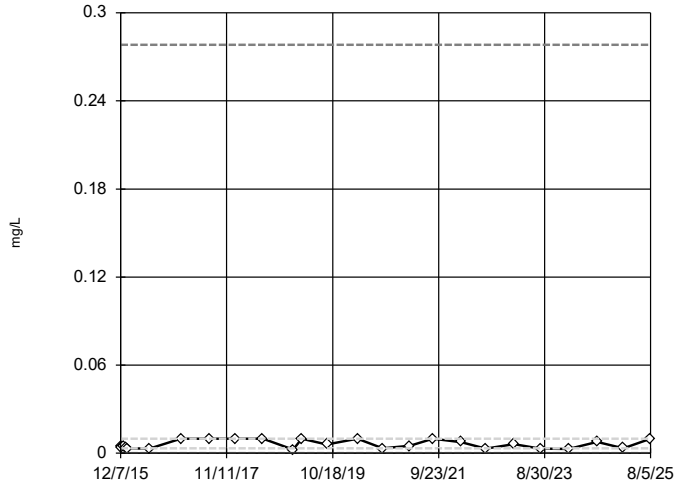
High cutoff = 0.1976, low cutoff = 0.0001871, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWA-16 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

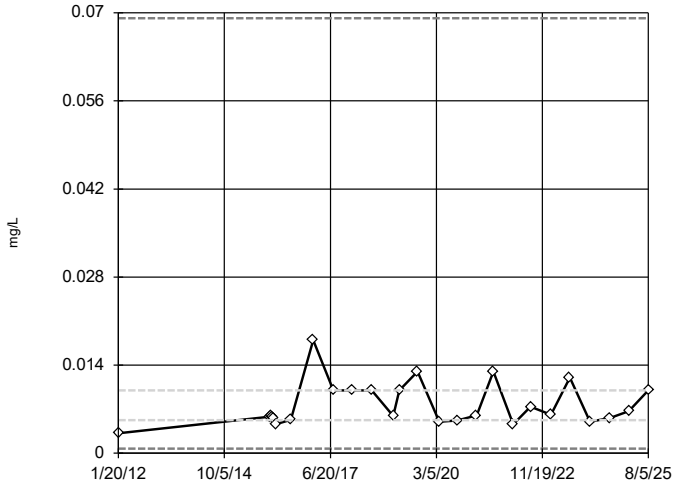
High cutoff = 0.2783, low cutoff = 0.0001186, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:07 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-17 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

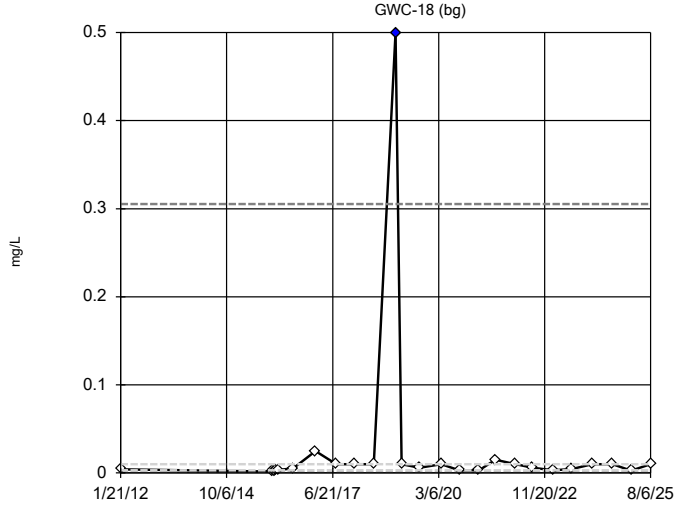
High cutoff = 0.06912, low cutoff = 0.0007596, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-18 (bg)



n = 26

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

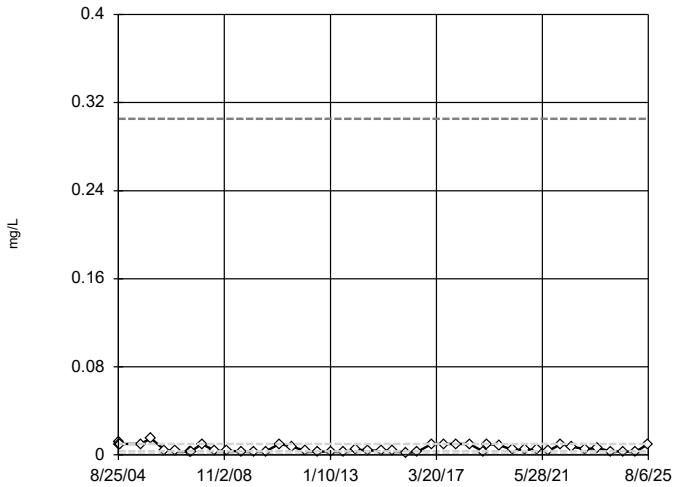
High cutoff = 0.3052, low cutoff = 0.0001049, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-1



n = 46

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

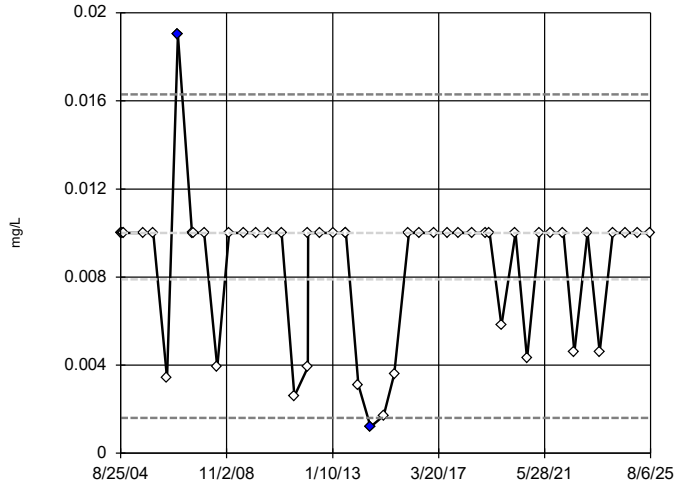
High cutoff = 0.3052, low cutoff = 0.0001049, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-10



n = 49

Outliers are drawn as solid.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

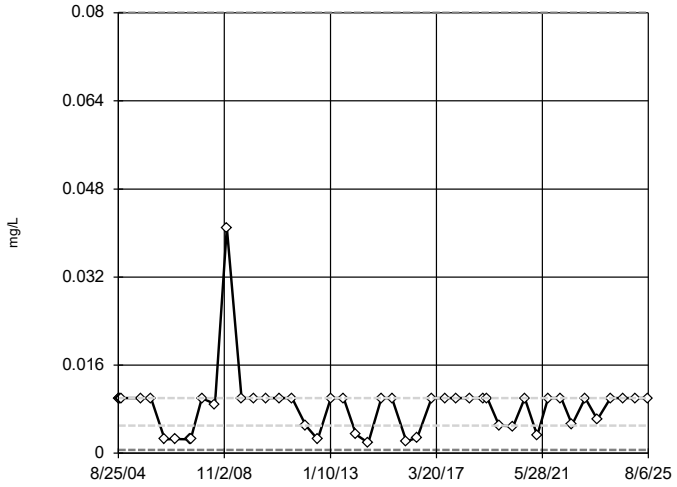
High cutoff = 0.0163, low cutoff = 0.0016, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-11



n = 47

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

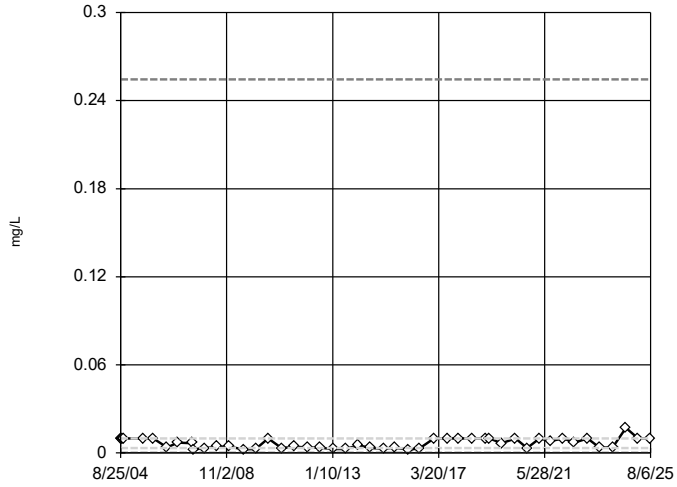
High cutoff = 0.08, low cutoff = 0.000625, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-12



n = 47

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

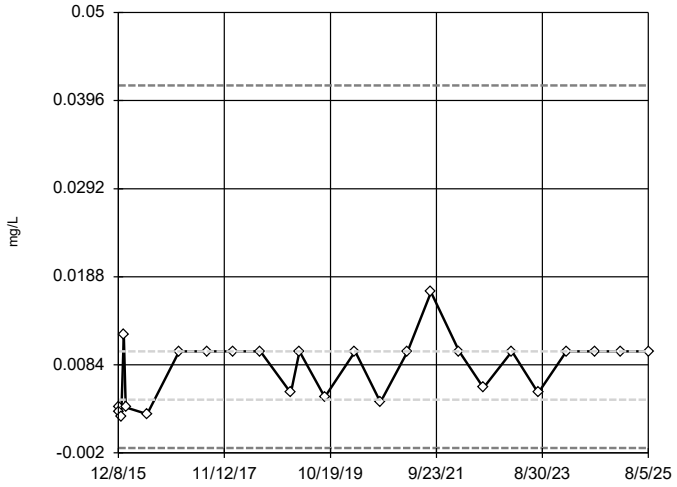
High cutoff = 0.2544, low cutoff = 0.0001336, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-19



n = 25

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

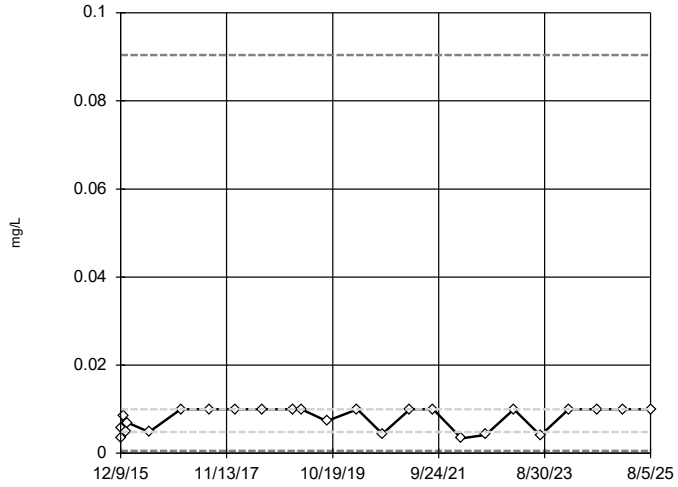
High cutoff = 0.04137, low cutoff = -0.001434, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-20



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

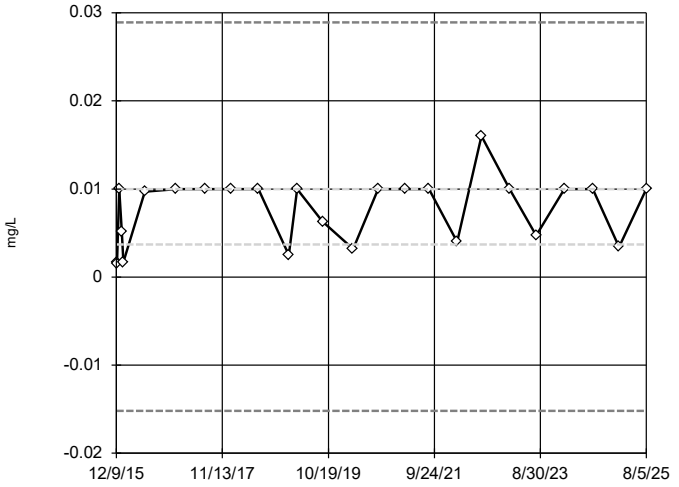
High cutoff = 0.09042, low cutoff = 0.0005308, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-21



n = 25

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

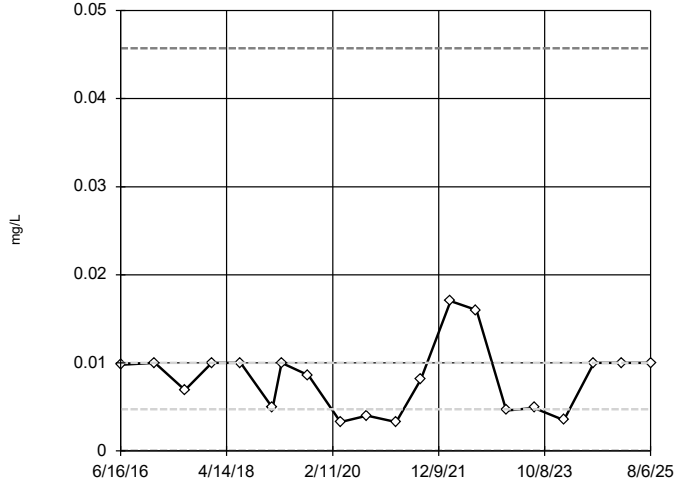
High cutoff = 0.0289, low cutoff = -0.0152, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-23



n = 20

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

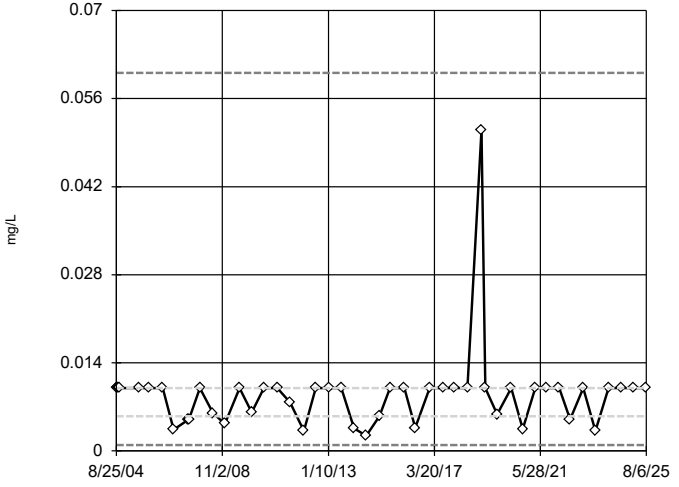
High cutoff = 0.0457, low cutoff = 0.00001756, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Tukey's Outlier Screening

GWC-9



n = 47

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06011, low cutoff = 0.0009151, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/14/2026 4:08 PM View: Tukey's Outlier
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Tukey's Outlier Test - Upgradient Wells - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/8/2026, 3:23 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Calcium (mg/L)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**3.4,3.1,4.39,2.9,2.9,2.7,2.8,2.8,3.3,3.3,3.3,3.3,**	**NP**	**NaN**	**271**	**2.411**	**4.522**	**x^6**	**ChiSquared**
Chloride (mg/L)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**9.4,8.3,8.6,6.3,6.1,6.1,6.2,18**	**NP**	**NaN**	**270**	**4.148**	**1.155**	**x^6**	**ChiSquared**
Fluoride (mg/L)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**0.33,0.706,0.56,0.74,0.7,0.71,0.51,0.61,0.61,0.65**	**NP**	**NaN**	**271**	**0.2033**	**0.1428**	**x^4**	**ChiSquared**
pH, Field (SU)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**7.1,6.87,6.84,6.42,6.57,6.51,6.43,6.48,6.58,6.37,**	**NP**	**NaN**	**290**	**5.181**	**0.507**	**x^6**	**ChiSquared**
TDS (mg/L)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**55,48,48,48,48,48,51,62,46,67,67,47,47,65,58,56,8**	**NP**	**NaN**	**270**	**29.17**	**22.48**	**x^6**	**ChiSquared**

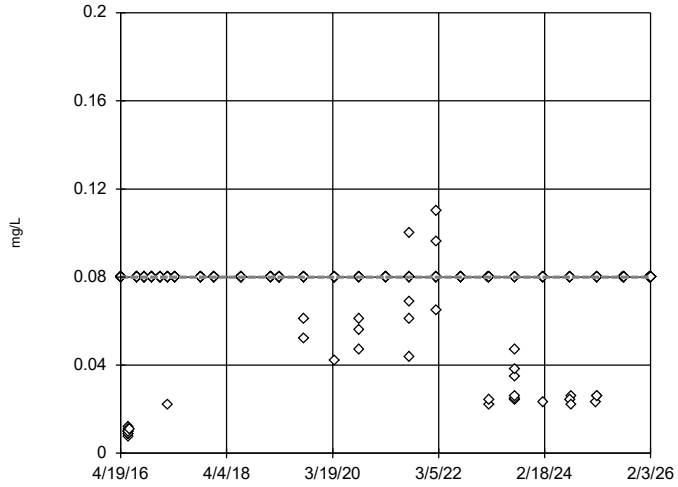
Tukey's Outlier Test - Upgradient Wells - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/8/2026, 3:23 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Boron (mg/L)	GWA-2,GWA-3,GWA-4...	n/a	n/a	NP	NaN	270	0.07361	0.0185	unknown	ChiSquared
Calcium (mg/L)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**3.4,3.1,4.39,2.9,2.9,2.7,2.8,2.8,3.3,3.3,3.3,3.3,**	**NP**	**NaN**	**271**	**2.411**	**4.522**	**x^6**	**ChiSquared**
Chloride (mg/L)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**9.4,8.3,8.6,6.3,6.1,6.1,6.2,18**	**NP**	**NaN**	**270**	**4.148**	**1.155**	**x^6**	**ChiSquared**
Fluoride (mg/L)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**0.33,0.706,0.56,0.74,0.7,0.71,0.51,0.61,0.61,0.65**	**NP**	**NaN**	**271**	**0.2033**	**0.1428**	**x^4**	**ChiSquared**
pH, Field (SU)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**7.1,6.87,6.84,6.42,6.57,6.51,6.43,6.48,6.58,6.37,**	**NP**	**NaN**	**290**	**5.181**	**0.507**	**x^6**	**ChiSquared**
TDS (mg/L)	**GWA-2,GWA-3,GWA-4...**	**Yes**	**55,48,48,48,48,48,51,62,46,67,67,47,47,65,58,56,8**	**NP**	**NaN**	**270**	**29.17**	**22.48**	**x^6**	**ChiSquared**

Tukey's Outlier Screening, Pooled Background

GWA-2,GWA-3,GWA-4A,GWA-5,GWA-13,GWA-1...



n = 270

No outliers found.
Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

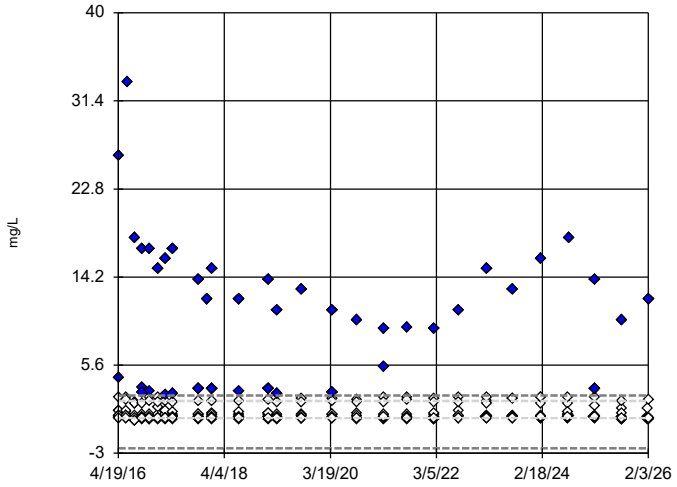
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/8/2026 3:21 PM View: Tukey's Outlier Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Tukey's Outlier Screening, Pooled Background

GWA-2,GWA-3,GWA-4A,GWA-5,GWA-13,GWA-1...



n = 271

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

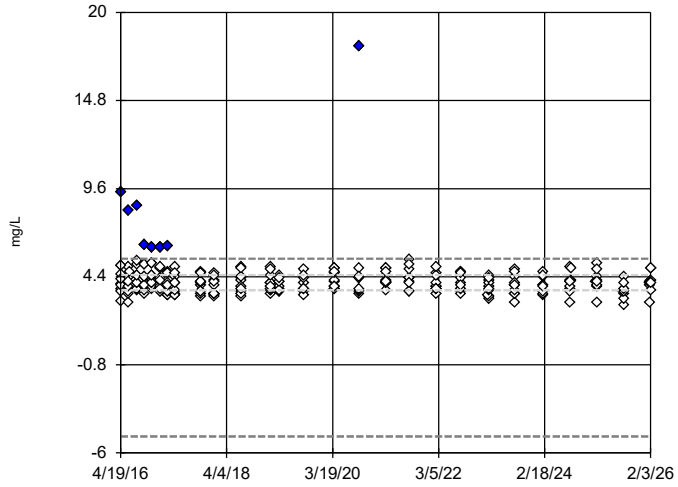
High cutoff = 2.646, low cutoff = -2.522, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/8/2026 3:21 PM View: Tukey's Outlier Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Tukey's Outlier Screening, Pooled Background

GWA-2,GWA-3,GWA-4A,GWA-5,GWA-13,GWA-1...



n = 270

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

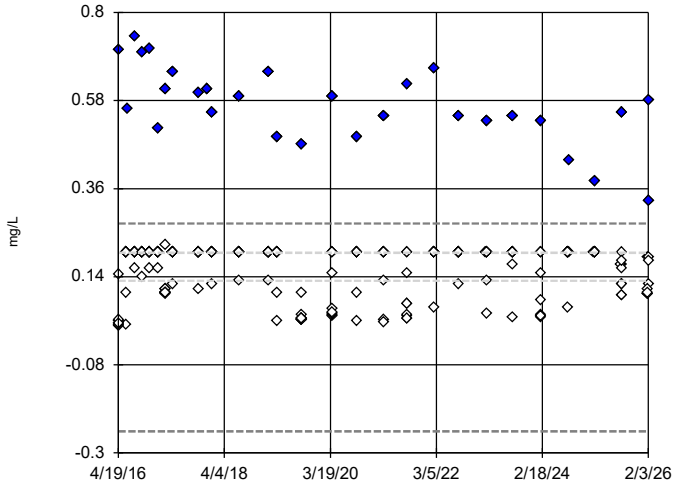
High cutoff = 5.467, low cutoff = -5.03, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/8/2026 3:21 PM View: Tukey's Outlier Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Tukey's Outlier Screening, Pooled Background

GWA-2,GWA-3,GWA-4A,GWA-5,GWA-13,GWA-1...



n = 271

Outliers are drawn as solid.
Tukey's method selected by user.

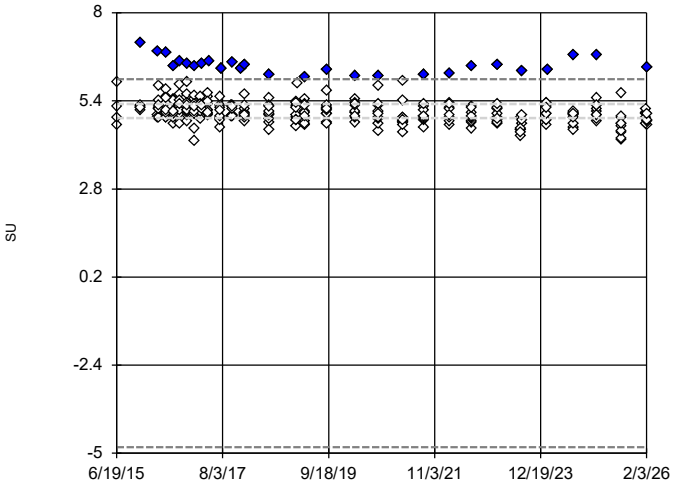
Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2729, low cutoff = -0.2459, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/8/2026 3:21 PM View: Tukey's Outlier Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Tukey's Outlier Screening, Pooled Background

GWA-2,GWA-3,GWA-4A,GWA-5,GWA-13,GWA-1...



n = 290

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

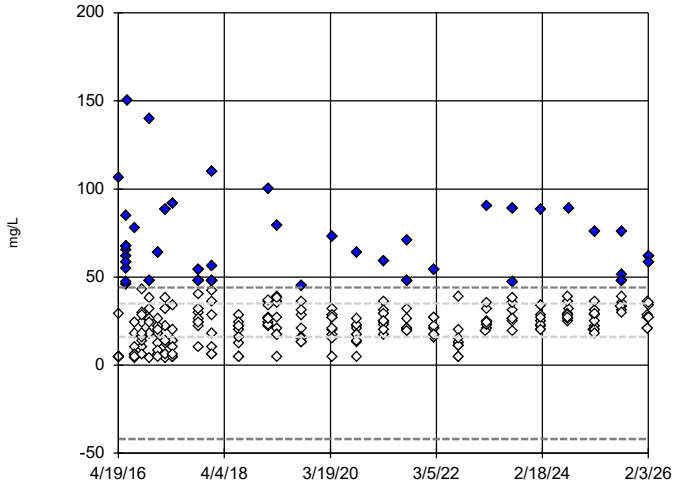
High cutoff = 6.042, low cutoff = -4.821, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/8/2026 3:21 PM View: Tukey's Outlier Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Tukey's Outlier Screening, Pooled Background

GWA-2,GWA-3,GWA-4A,GWA-5,GWA-13,GWA-1...



n = 270

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 44.05, low cutoff = -41.95, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/8/2026 3:21 PM View: Tukey's Outlier Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

FIGURE D.

Mann-Whitney Test - Appendix I - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:09 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	**GWC-20**	**-2.81**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cadmium (mg/L)	**GWC-19**	**-2.661**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cadmium (mg/L)	**GWC-9**	**-3.271**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWA-3 (bg)**	**-2.605**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-1**	**-2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-20**	**-2.923**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-21**	**-2.598**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-23**	**-2.879**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-1**	**-2.663**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-12**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-19**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**

Mann-Whitney Test - Appendix I - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:08 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-2 (bg)	0.2143	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-3 (bg)	0.3569	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-13 (bg)	0.2835	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-14 (bg)	0.2887	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-18 (bg)	0.2835	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-1	0.2165	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-3 (bg)	0.4673	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-4A (bg)	1.093	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-5 (bg)	0.3569	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-13 (bg)	0.2835	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-14 (bg)	0.2887	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-15 (bg)	0.6316	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-17 (bg)	0.7436	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-18 (bg)	1.061	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-1	0.2165	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-10	-0.6512	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-11	-0.2557	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-12	0.5513	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-19	-0.368	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-20	0.6316	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-21	0.9824	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-23	1.582	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-9	-1.286	No	0.01	No	Mann-W
Barium (mg/L)	GWA-2 (bg)	1.844	No	0.01	No	Mann-W
Barium (mg/L)	GWA-3 (bg)	-1.691	No	0.01	No	Mann-W
Barium (mg/L)	GWA-4A (bg)	-1.616	No	0.01	No	Mann-W
Barium (mg/L)	GWA-5 (bg)	-1.852	No	0.01	No	Mann-W
Barium (mg/L)	GWA-13 (bg)	1.84	No	0.01	No	Mann-W
Barium (mg/L)	GWA-14 (bg)	2.028	No	0.01	No	Mann-W
Barium (mg/L)	GWA-15 (bg)	1.822	No	0.01	No	Mann-W
Barium (mg/L)	GWA-16 (bg)	0.8896	No	0.01	No	Mann-W
Barium (mg/L)	GWC-17 (bg)	1.353	No	0.01	No	Mann-W
Barium (mg/L)	GWC-18 (bg)	-0.9057	No	0.01	No	Mann-W
Barium (mg/L)	GWC-1	-1.299	No	0.01	No	Mann-W
Barium (mg/L)	GWC-10	0.03248	No	0.01	No	Mann-W
Barium (mg/L)	GWC-11	-1.269	No	0.01	No	Mann-W
Barium (mg/L)	GWC-12	0.1203	No	0.01	No	Mann-W
Barium (mg/L)	GWC-19	-2.216	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-20**	**-2.81**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-21	1.628	No	0.01	No	Mann-W
Barium (mg/L)	GWC-23	0.215	No	0.01	No	Mann-W
Barium (mg/L)	GWC-9	0.6762	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-2 (bg)	0.7038	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-3 (bg)	-0.05099	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-4A (bg)	0.5574	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-5 (bg)	0.1261	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-13 (bg)	0.6082	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-14 (bg)	0.4752	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-15 (bg)	0.2887	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-16 (bg)	0.4842	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-17 (bg)	0.7093	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-18 (bg)	0.4752	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-1	-0.9538	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-10	0.4529	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-11	0.3569	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-12	-0.1663	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-19	0.5393	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-20	-0.8873	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-21	0.6316	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-23	-0.5094	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-9	-0.765	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-4A (bg)	0.5574	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-13 (bg)	0.2835	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-14 (bg)	0.4842	No	0.01	No	Mann-W

Mann-Whitney Test - Appendix I - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:08 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Cadmium (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-17 (bg)	-0.3994	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-18 (bg)	0.2835	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-1	0.2165	No	0.01	No	Mann-W
Cadmium (mg/L)	**GWC-19**	**-2.661**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cadmium (mg/L)	GWC-20	-2.031	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-21	-2.389	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-23	-0.568	No	0.01	No	Mann-W
Cadmium (mg/L)	**GWC-9**	**-3.271**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-2 (bg)	0.5179	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-3 (bg)	0.5264	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-4A (bg)	0.5057	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-5 (bg)	-0.5866	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-13 (bg)	-1.779	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-14 (bg)	-1.16	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-15 (bg)	-1.02	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-16 (bg)	-0.06001	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-17 (bg)	0.5459	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-18 (bg)	1.255	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-1	-0.5614	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-10	0.5308	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-11	0.1348	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-12	0.7105	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-19	0.8615	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-20	-1.329	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-21	-0.6108	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-23	0.4241	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-9	-0.8236	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-2 (bg)	-0.754	No	0.01	No	Mann-W
Cobalt (mg/L)	**GWA-3 (bg)**	**-2.605**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	GWA-4A (bg)	-2.519	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-5 (bg)	-0.487	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-13 (bg)	-0.9157	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-14 (bg)	-1.164	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-15 (bg)	0.414	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-16 (bg)	-0.5907	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-17 (bg)	2.212	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-18 (bg)	0.6196	No	0.01	No	Mann-W
Cobalt (mg/L)	**GWC-1**	**-2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	GWC-10	0.4529	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-11	0.1892	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-12	-1.724	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-19	0.8739	No	0.01	No	Mann-W
Cobalt (mg/L)	**GWC-20**	**-2.923**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-21**	**-2.598**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	**GWC-23**	**-2.879**	**Yes**	**0.01**	**Yes**	**Mann-W**
Cobalt (mg/L)	GWC-9	-0.8069	No	0.01	No	Mann-W
Copper (mg/L)	GWA-2 (bg)	2.016	No	0.01	No	Mann-W
Copper (mg/L)	GWA-3 (bg)	-0.2997	No	0.01	No	Mann-W
Copper (mg/L)	GWA-4A (bg)	0.2066	No	0.01	No	Mann-W
Copper (mg/L)	GWA-5 (bg)	-0.0545	No	0.01	No	Mann-W
Copper (mg/L)	GWA-13 (bg)	-1.427	No	0.01	No	Mann-W
Copper (mg/L)	GWA-14 (bg)	0.5381	No	0.01	No	Mann-W
Copper (mg/L)	GWA-15 (bg)	0.3273	No	0.01	No	Mann-W
Copper (mg/L)	GWA-16 (bg)	0.5512	No	0.01	No	Mann-W
Copper (mg/L)	GWC-17 (bg)	0.1921	No	0.01	No	Mann-W
Copper (mg/L)	GWC-18 (bg)	-0.2607	No	0.01	No	Mann-W
Copper (mg/L)	GWC-1	0.2315	No	0.01	No	Mann-W
Copper (mg/L)	GWC-11	0.2757	No	0.01	No	Mann-W
Copper (mg/L)	GWC-12	0.3815	No	0.01	No	Mann-W
Copper (mg/L)	GWC-19	0.5512	No	0.01	No	Mann-W
Copper (mg/L)	GWC-20	-0.9189	No	0.01	No	Mann-W
Copper (mg/L)	GWC-21	-0.3578	No	0.01	No	Mann-W
Copper (mg/L)	GWC-23	0.836	No	0.01	No	Mann-W
Copper (mg/L)	GWC-9	0.1349	No	0.01	No	Mann-W

Mann-Whitney Test - Appendix I - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:08 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Lead (mg/L)	GWA-2 (bg)	-1.029	No	0.01	No	Mann-W
Lead (mg/L)	GWA-3 (bg)	-0.2102	No	0.01	No	Mann-W
Lead (mg/L)	GWA-4A (bg)	0.3692	No	0.01	No	Mann-W
Lead (mg/L)	GWA-5 (bg)	0.5513	No	0.01	No	Mann-W
Lead (mg/L)	GWA-13 (bg)	0.4667	No	0.01	No	Mann-W
Lead (mg/L)	GWA-14 (bg)	0.6196	No	0.01	No	Mann-W
Lead (mg/L)	GWA-15 (bg)	0.2887	No	0.01	No	Mann-W
Lead (mg/L)	GWA-16 (bg)	-0.7081	No	0.01	No	Mann-W
Lead (mg/L)	GWC-17 (bg)	0.2835	No	0.01	No	Mann-W
Lead (mg/L)	GWC-18 (bg)	1.161	No	0.01	No	Mann-W
Lead (mg/L)	GWC-11	0.6307	No	0.01	No	Mann-W
Lead (mg/L)	GWC-19	0.2887	No	0.01	No	Mann-W
Lead (mg/L)	GWC-20	0.4842	No	0.01	No	Mann-W
Lead (mg/L)	GWC-21	0.4842	No	0.01	No	Mann-W
Lead (mg/L)	GWC-23	0.7043	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-2 (bg)	-2.179	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-3 (bg)	0.7762	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-4A (bg)	-1.113	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-5 (bg)	-0.5137	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-13 (bg)	-1.011	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-14 (bg)	-0.1634	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-15 (bg)	-0.7957	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-16 (bg)	-1.172	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-17 (bg)	0.143	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-18 (bg)	-2.455	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-1**	**-2.663**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-10	0.5908	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-11	-0.1244	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-12**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-19**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-20	-1.307	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-21	-1.901	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-23	-2.463	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-9	-2.166	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-2 (bg)	0.4624	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-3 (bg)	0.6307	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-4A (bg)	0.4673	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-13 (bg)	0.2835	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-15 (bg)	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-18 (bg)	0.2835	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-1	0.3607	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-10	0.3569	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-11	0.7039	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-19	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-20	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-21	0.2887	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-9	-0.3571	No	0.01	No	Mann-W
Silver (mg/L)	GWC-18 (bg)	0.3198	No	0.01	No	Mann-W
Silver (mg/L)	GWC-1	0.2315	No	0.01	No	Mann-W
Silver (mg/L)	GWC-10	0.2287	No	0.01	No	Mann-W
Silver (mg/L)	GWC-11	0.3815	No	0.01	No	Mann-W
Silver (mg/L)	GWC-21	0.3273	No	0.01	No	Mann-W
Silver (mg/L)	GWC-23	0.375	No	0.01	No	Mann-W
Silver (mg/L)	GWC-9	0.2287	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-2 (bg)	0.4778	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-3 (bg)	0.3686	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-4A (bg)	0.3728	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-13 (bg)	0.7436	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-14 (bg)	0.7585	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-16 (bg)	0.4842	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-17 (bg)	0.9625	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-18 (bg)	2.019	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-10	0.4778	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-11	0.4778	No	0.01	No	Mann-W

Mann-Whitney Test - Appendix I - All Results

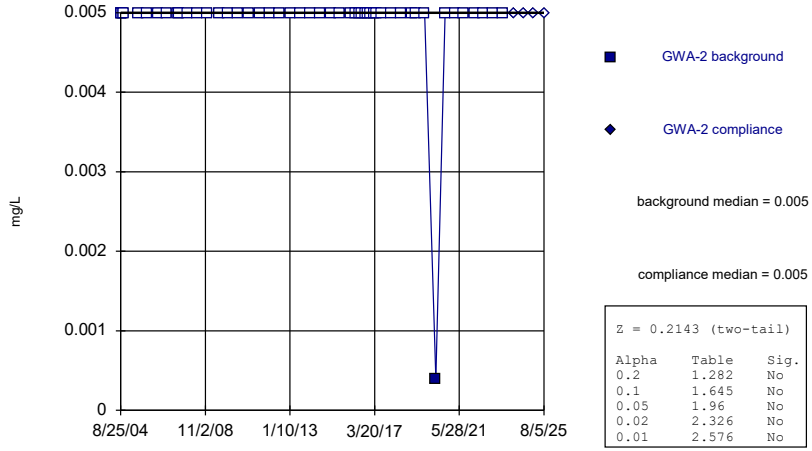
Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 10:08 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Thallium (mg/L)	GWC-12	0.3686	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-19	0.6316	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-20	1.086	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-21	0.6316	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-23	0.3185	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-9	0.2212	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-2 (bg)	0.4931	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-3 (bg)	0.6787	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-4A (bg)	0.766	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-5 (bg)	0.6767	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-13 (bg)	0.957	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-14 (bg)	0.5381	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-15 (bg)	0.8707	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-16 (bg)	-0.4244	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-17 (bg)	-0.4647	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-18 (bg)	0.07127	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-1	0.9147	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-10	-0.9172	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-11	-1.689	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-12	0.6944	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-19	0.03832	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-20	-0.3744	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-21	0.1294	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-23	0.2586	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-9	-0.9044	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-2 (bg)	1.211	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-3 (bg)	-0.7023	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-4A (bg)	-1.668	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-5 (bg)	0.4183	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-13 (bg)	-0.03748	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-14 (bg)	0.1083	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-15 (bg)	-1.244	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-16 (bg)	-0.3017	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-17 (bg)	-0.3926	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-18 (bg)	0.608	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-1	-1.102	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-10	1.025	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-11	1.445	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-12	1.629	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-19	1.239	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-20	1.755	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-21	0.5995	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-23	0.5314	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-9	1.445	No	0.01	No	Mann-W

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2143 (two-tail)

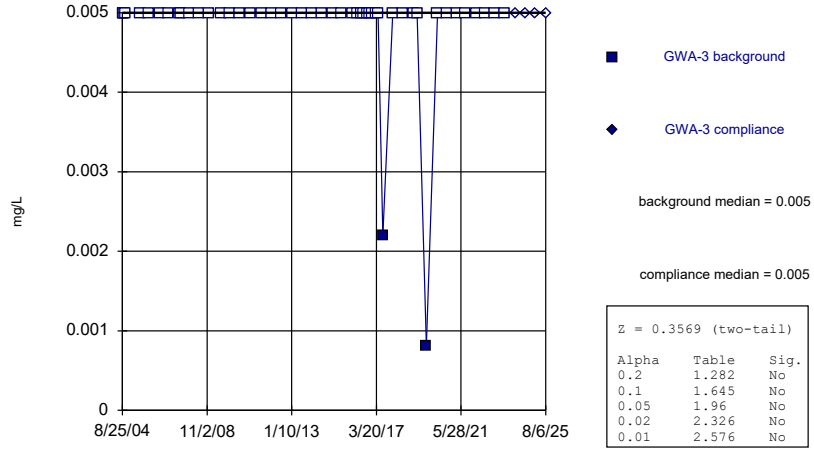
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.3569 (two-tail)

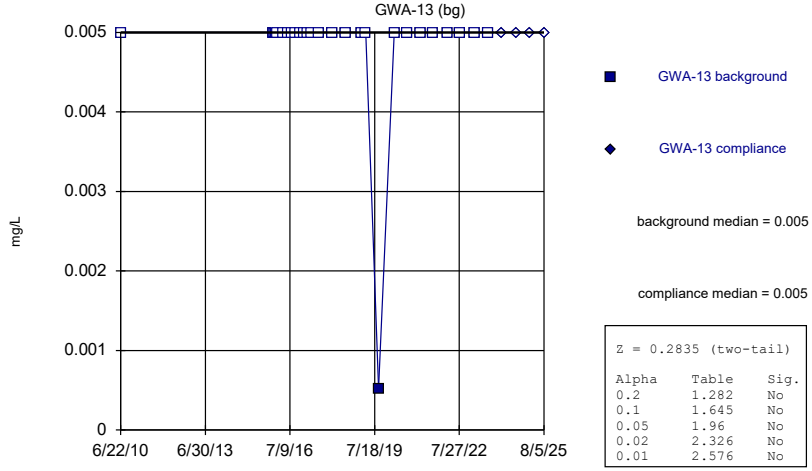
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2835 (two-tail)

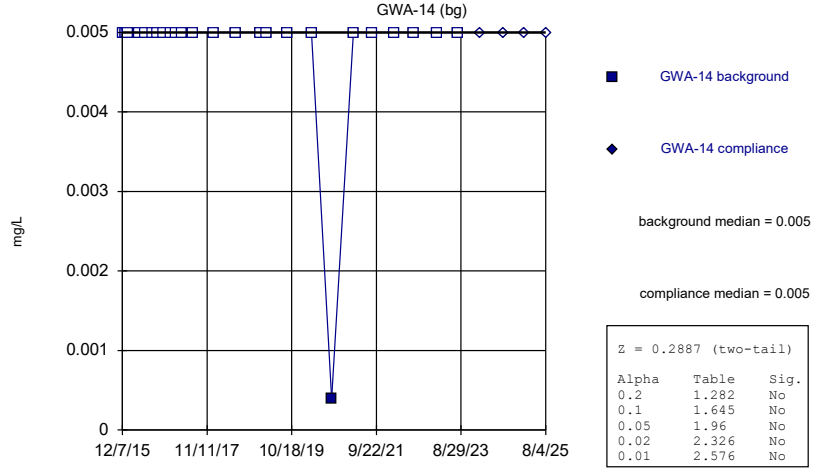
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2887 (two-tail)

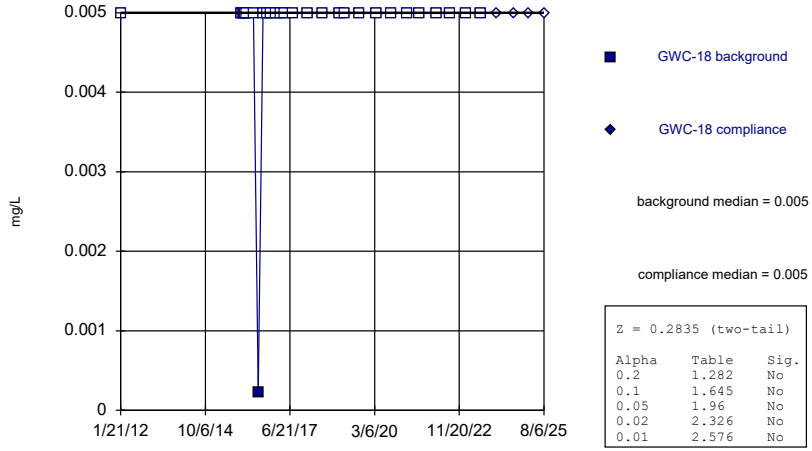
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = 0.2835 (two-tail)

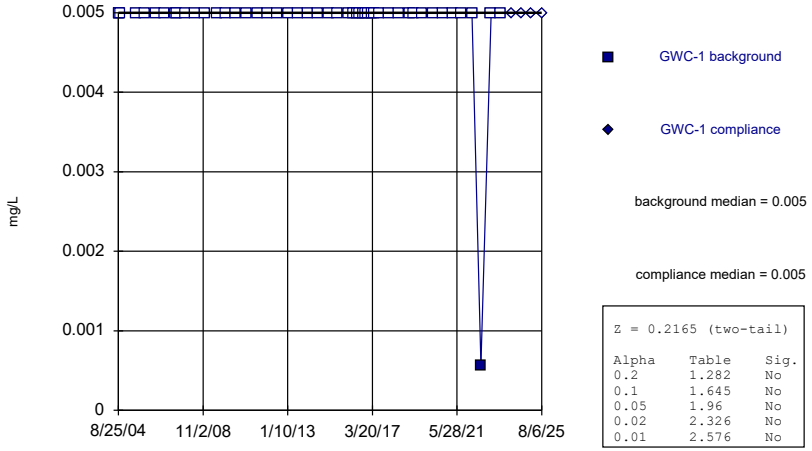
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.2165 (two-tail)

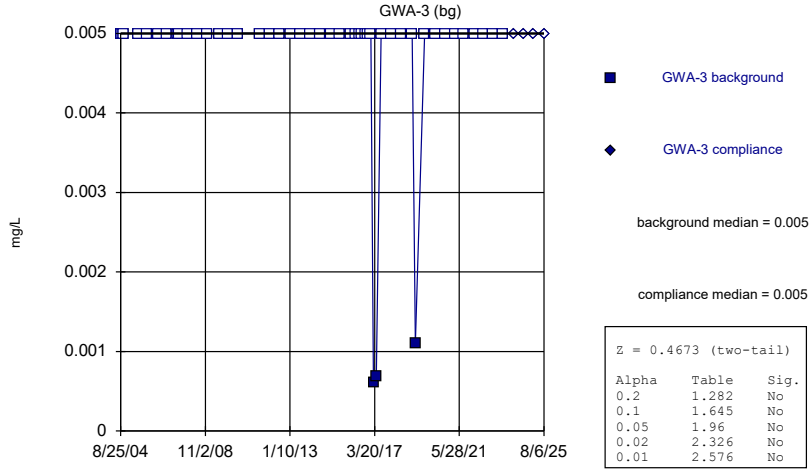
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = 0.4673 (two-tail)

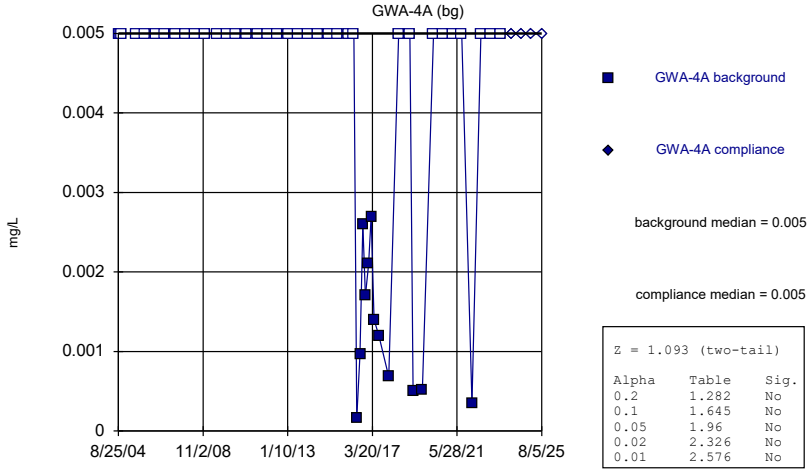
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 1.093 (two-tail)

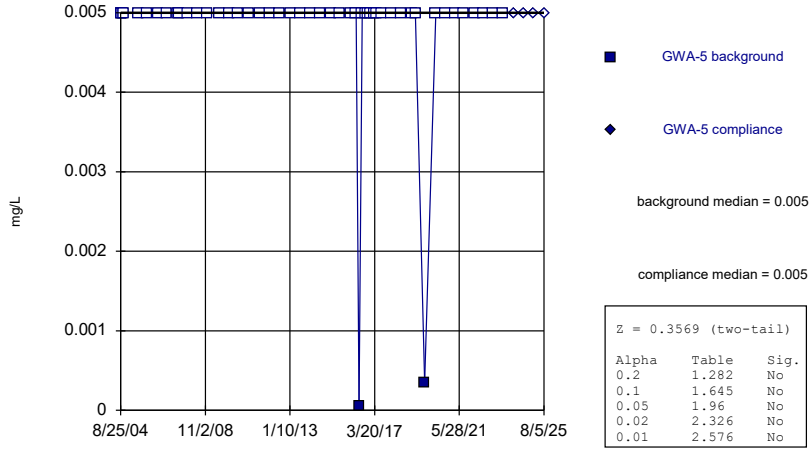
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.3569 (two-tail)

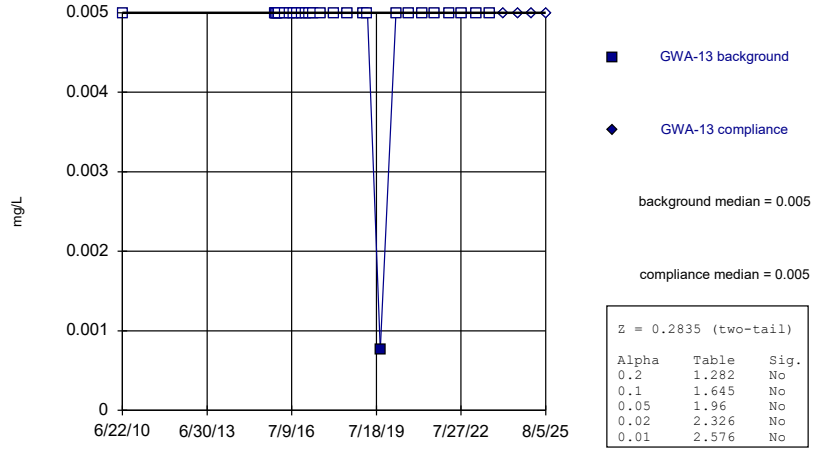
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2835 (two-tail)

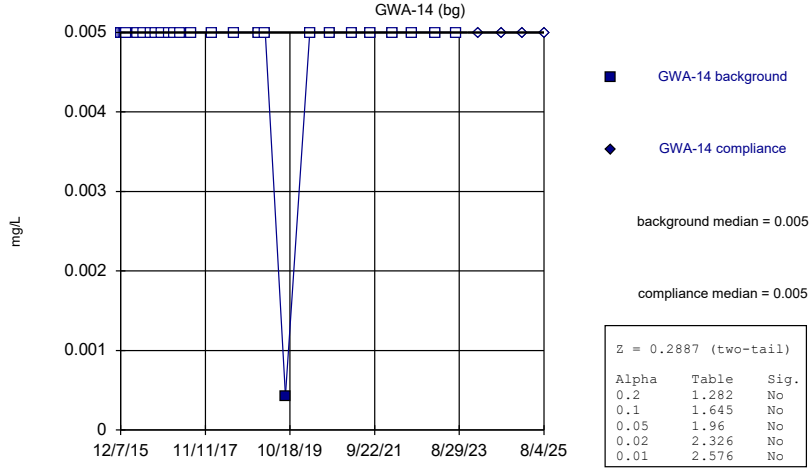
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2887 (two-tail)

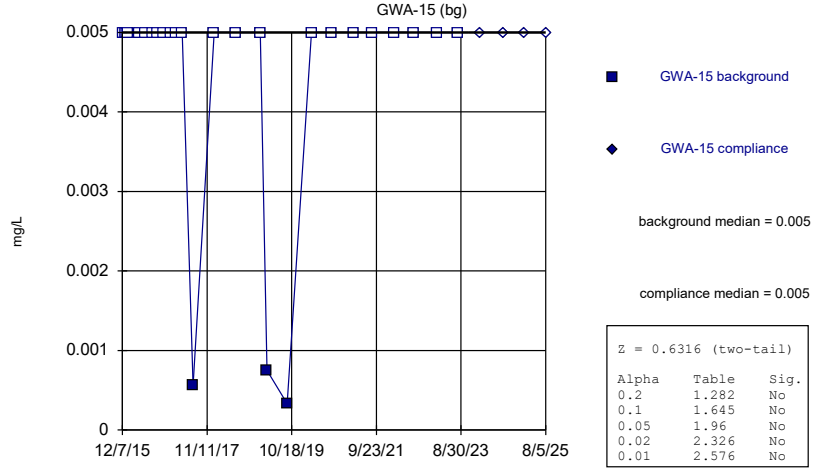
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.6316 (two-tail)

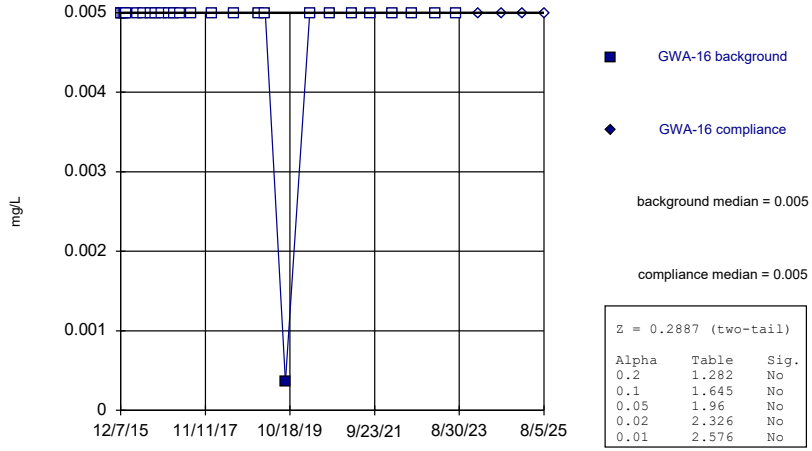
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2887 (two-tail)

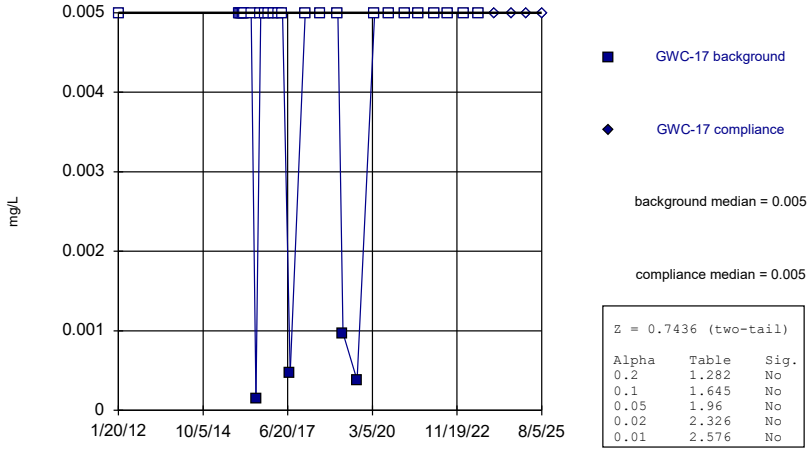
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.7436 (two-tail)

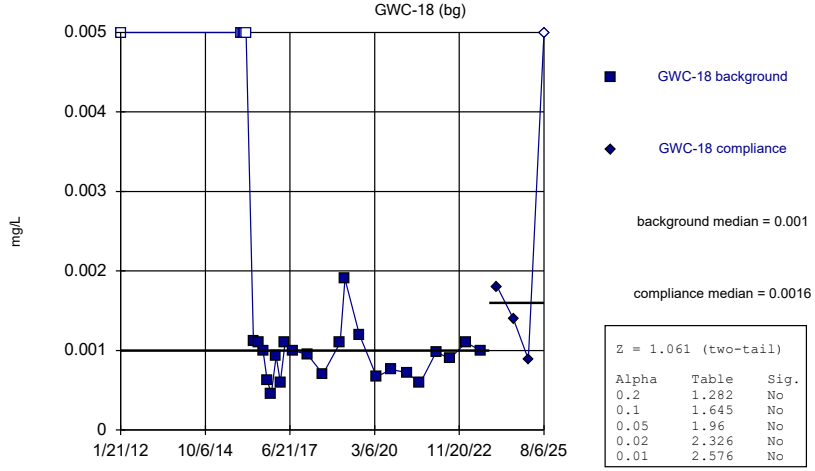
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



background median = 0.001

compliance median = 0.0016

Z = 1.061 (two-tail)

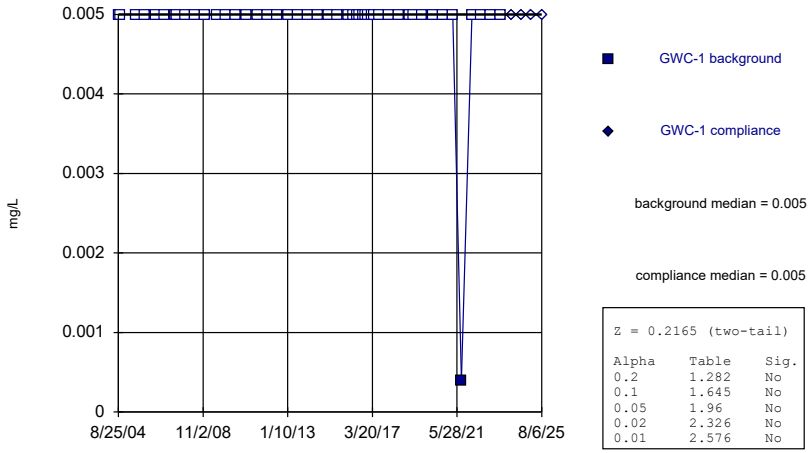
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



background median = 0.005

compliance median = 0.005

Z = 0.2165 (two-tail)

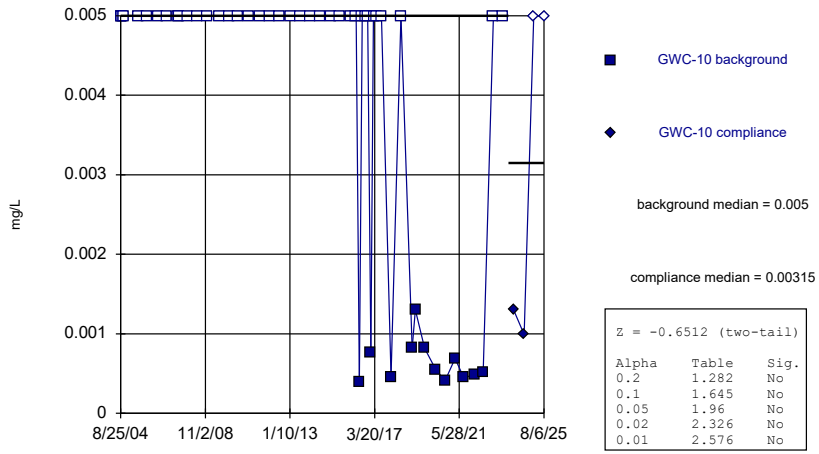
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



background median = 0.005

compliance median = 0.00315

Z = -0.6512 (two-tail)

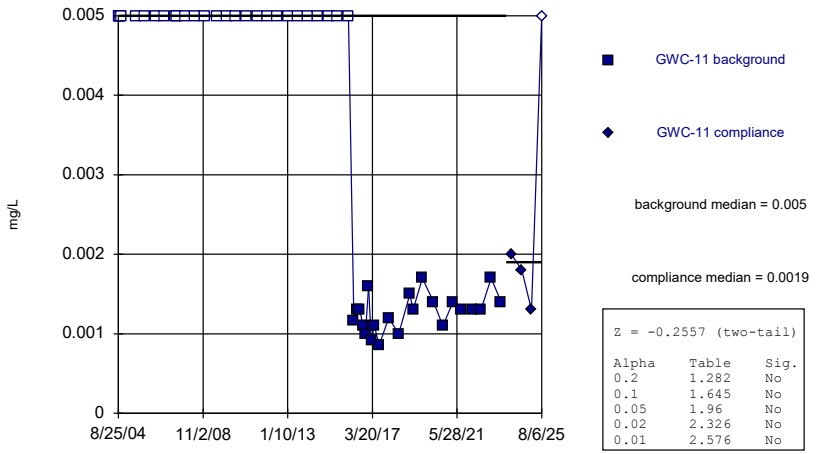
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



background median = 0.005

compliance median = 0.0019

Z = -0.2557 (two-tail)

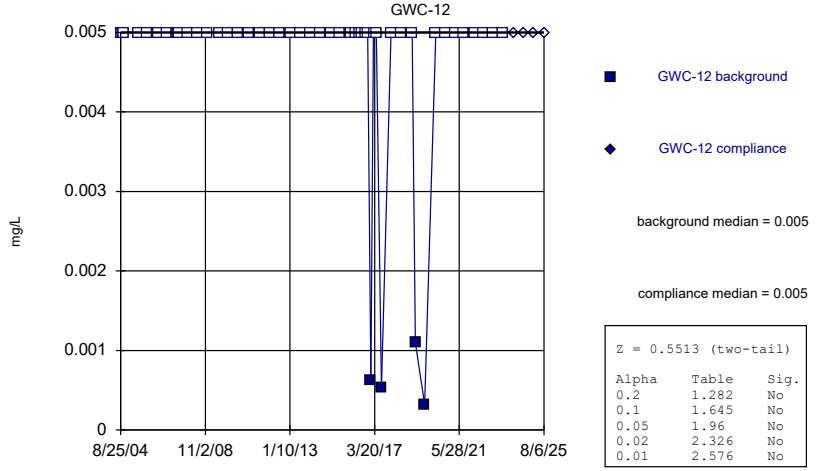
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



background median = 0.005

compliance median = 0.005

Z = 0.5513 (two-tail)

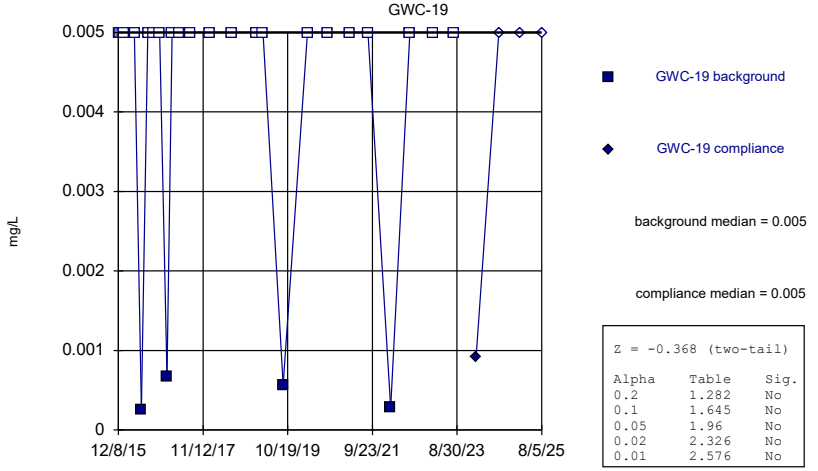
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



background median = 0.005

compliance median = 0.005

Z = -0.368 (two-tail)

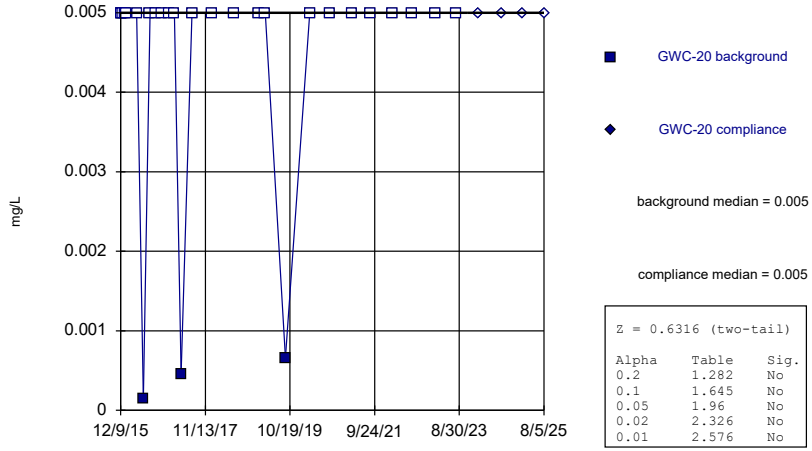
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.6316 (two-tail)

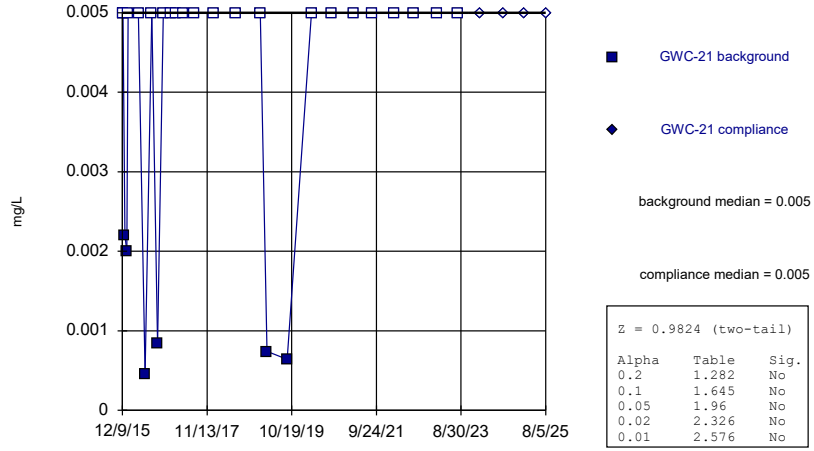
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 0.9824 (two-tail)

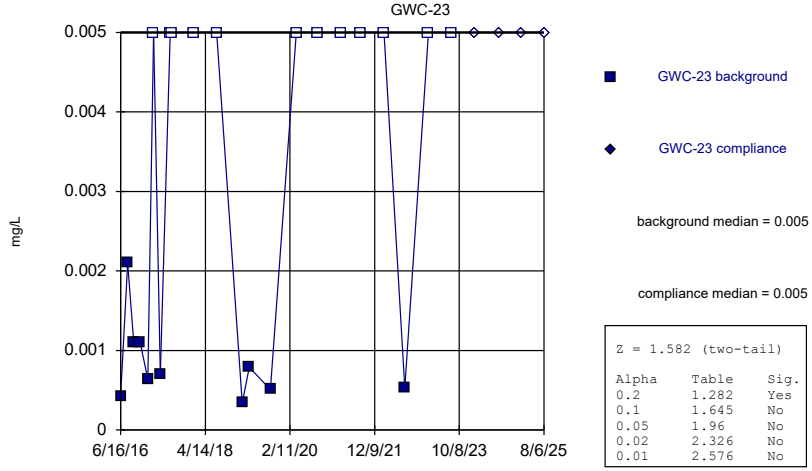
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 1.582 (two-tail)

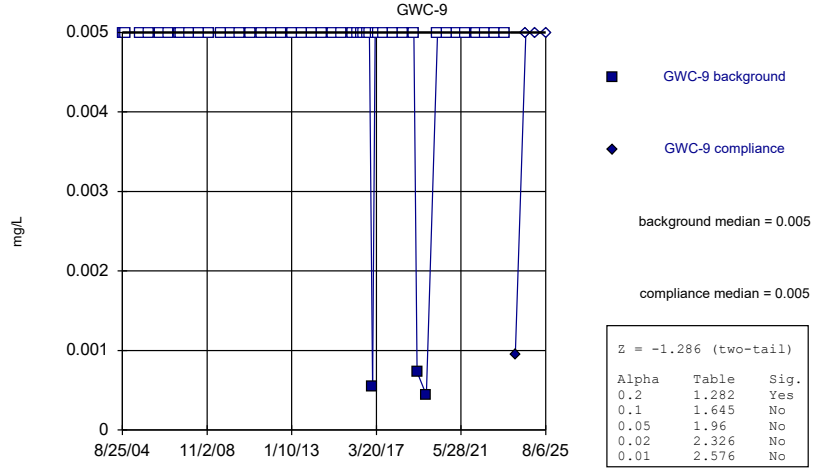
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -1.286 (two-tail)

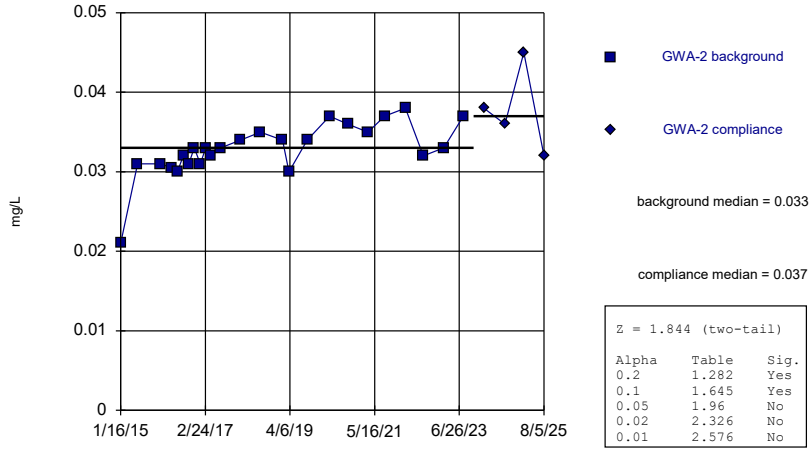
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



background median = 0.033

compliance median = 0.037

Z = 1.844 (two-tail)

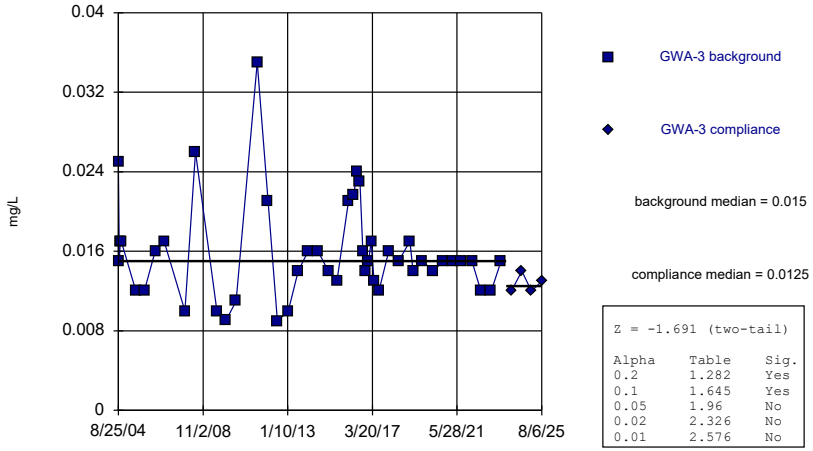
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



background median = 0.015

compliance median = 0.0125

Z = -1.691 (two-tail)

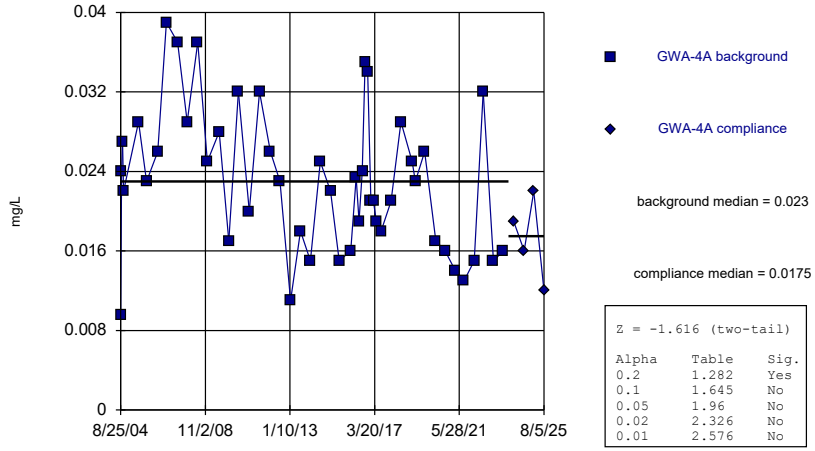
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



background median = 0.023

compliance median = 0.0175

Z = -1.616 (two-tail)

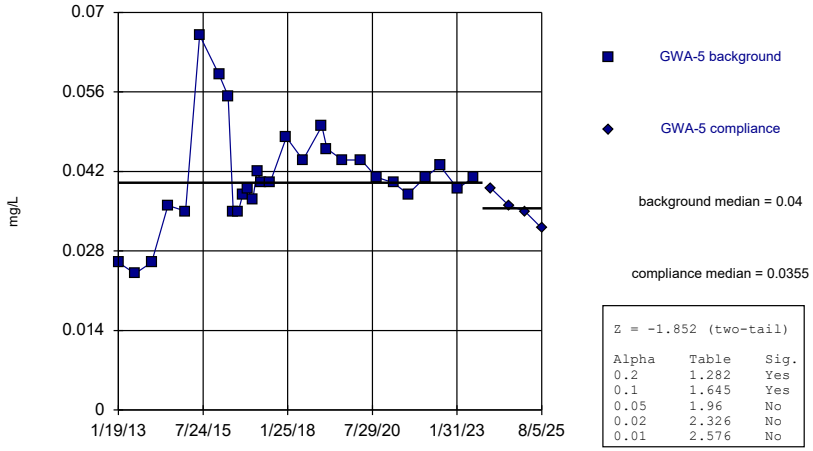
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



background median = 0.04

compliance median = 0.0355

Z = -1.852 (two-tail)

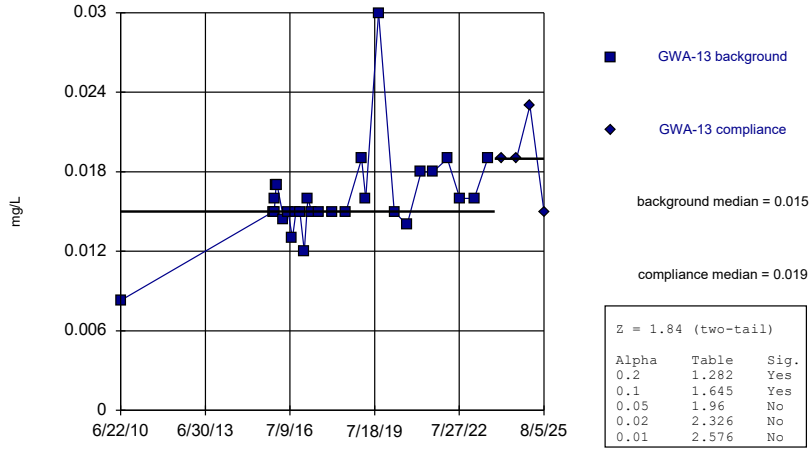
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



background median = 0.015

compliance median = 0.019

Z = 1.84 (two-tail)

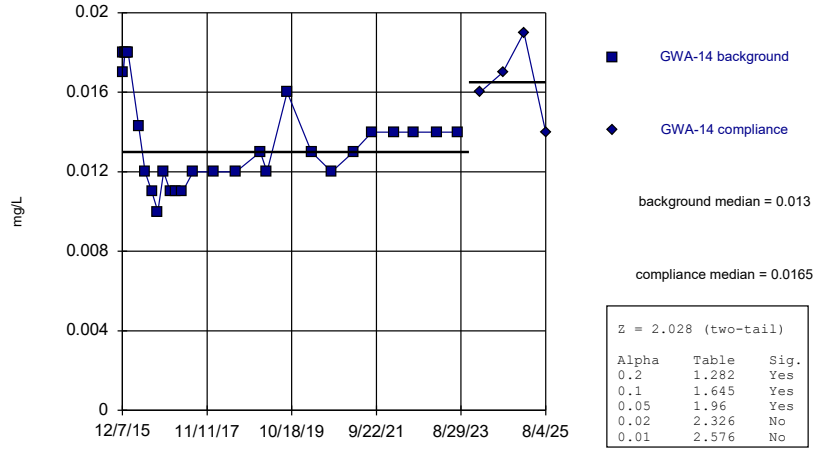
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



background median = 0.013

compliance median = 0.0165

Z = 2.028 (two-tail)

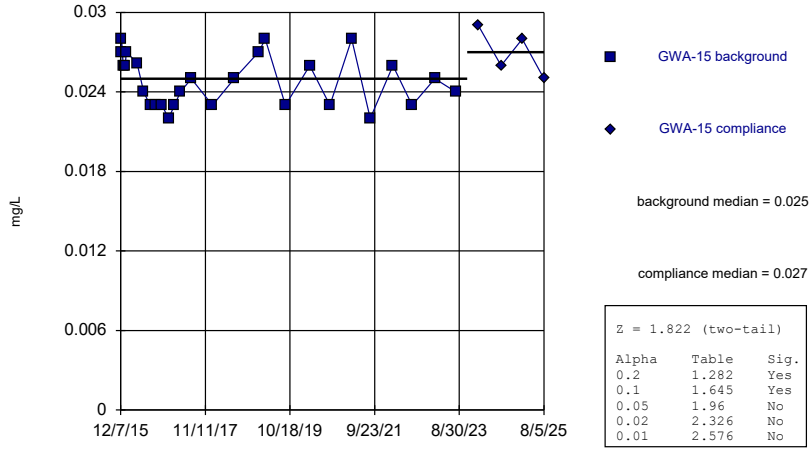
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



background median = 0.025

compliance median = 0.027

Z = 1.822 (two-tail)

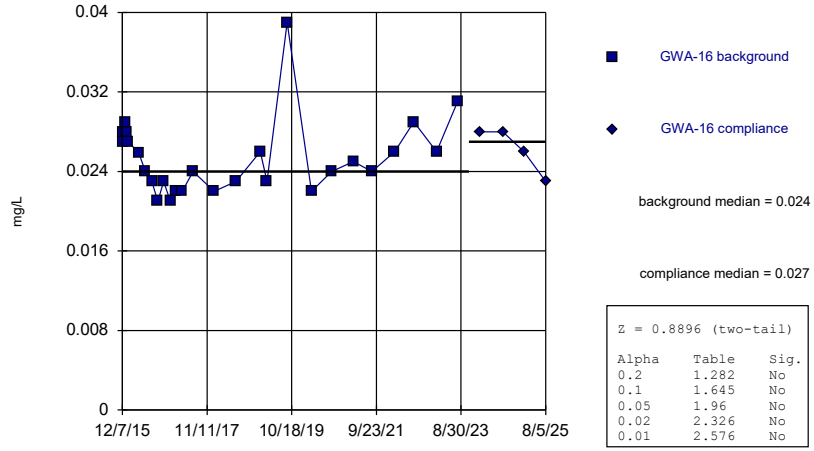
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 0.024

compliance median = 0.027

Z = 0.8896 (two-tail)

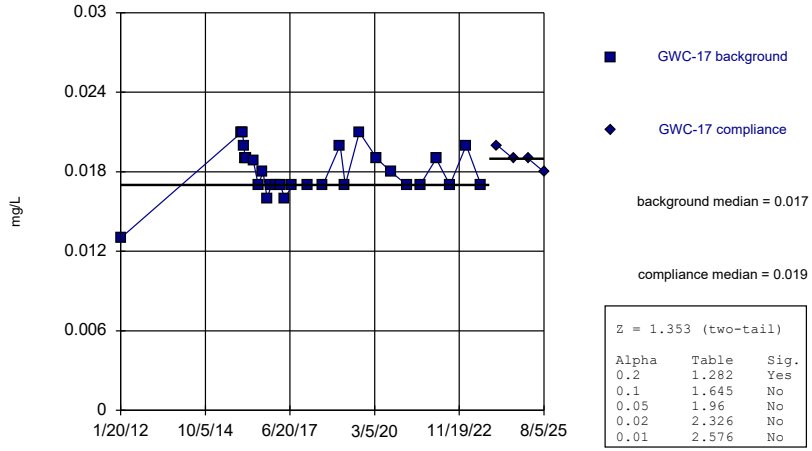
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = 1.353 (two-tail)

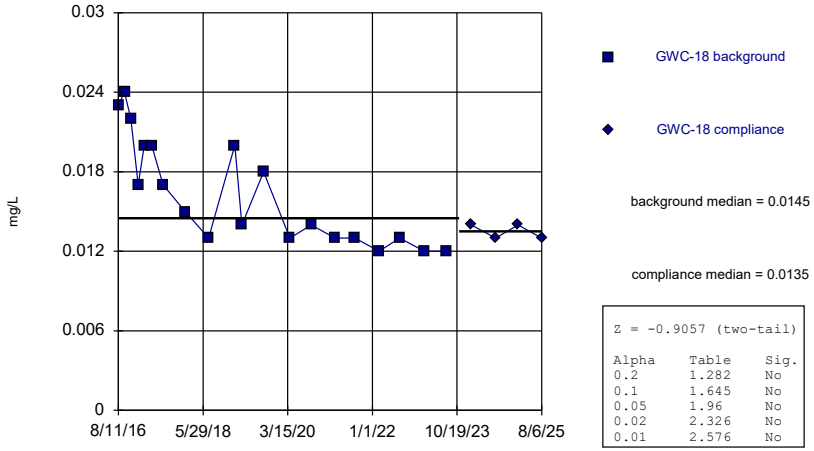
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = -0.9057 (two-tail)

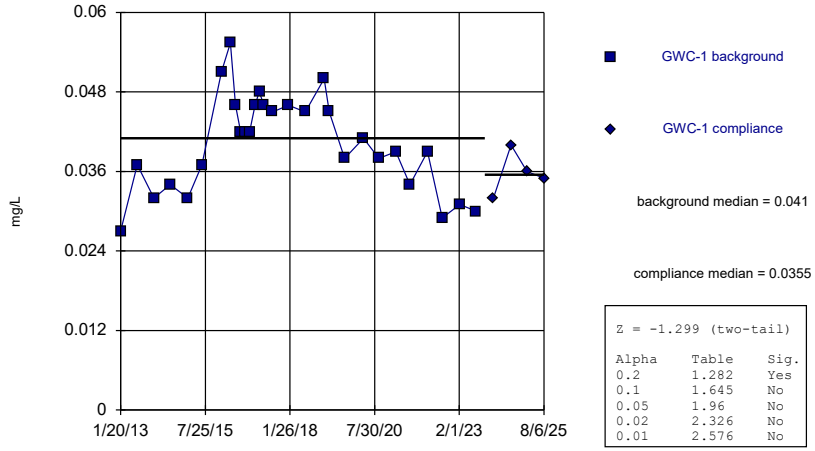
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -1.299 (two-tail)

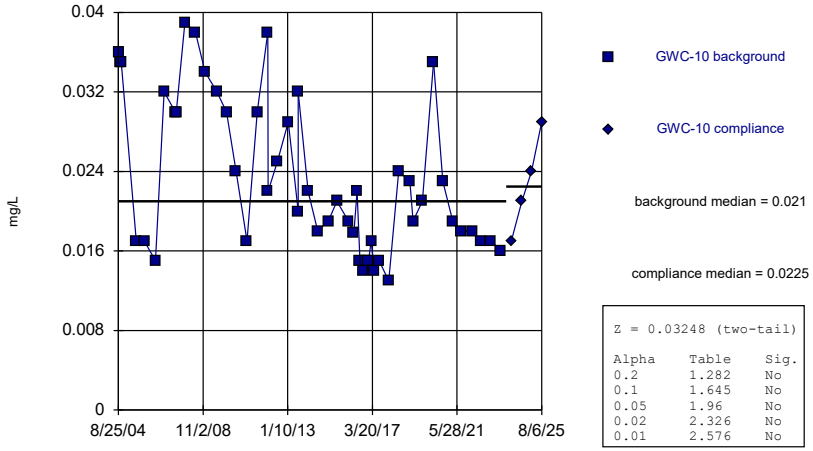
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.03248 (two-tail)

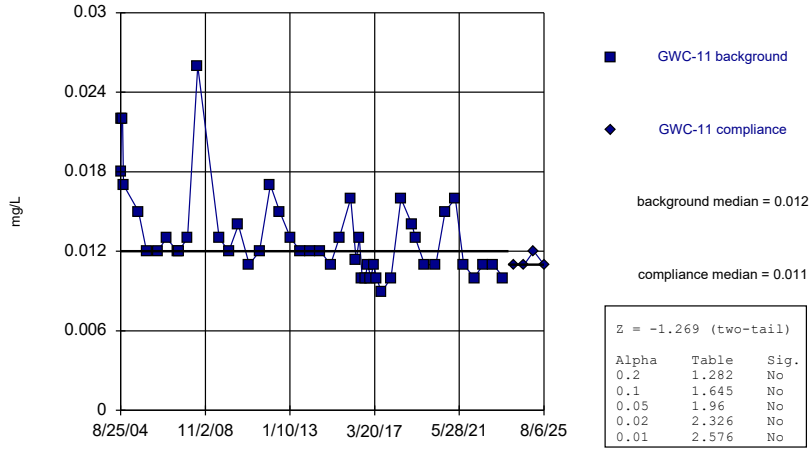
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -1.269 (two-tail)

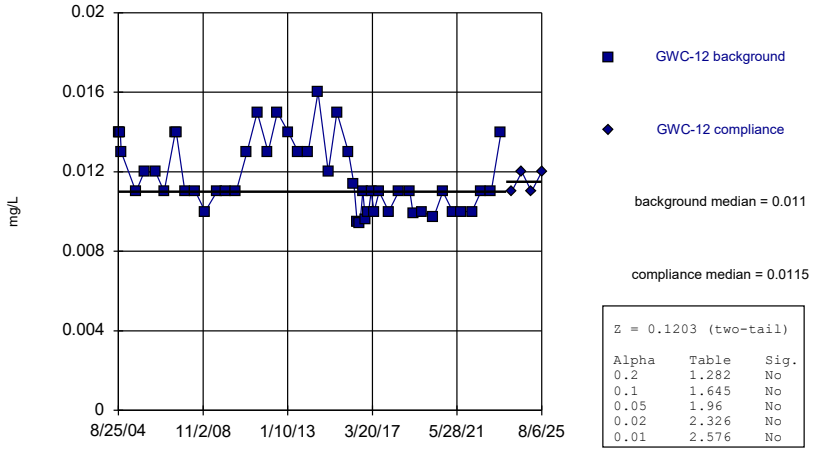
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:36 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.1203 (two-tail)

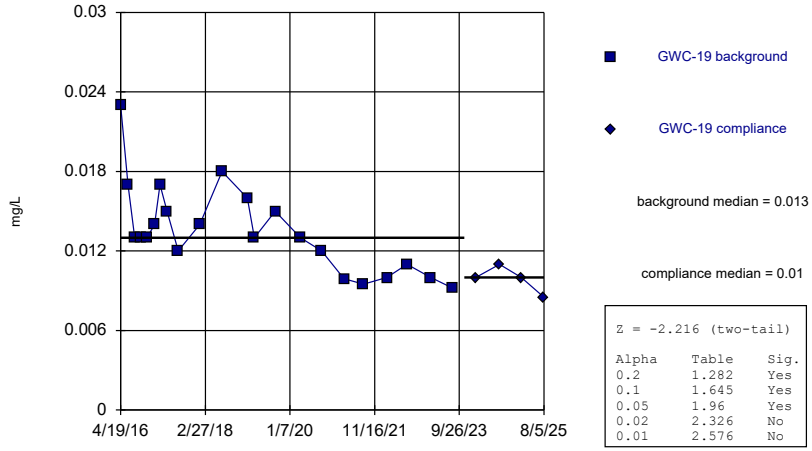
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -2.216 (two-tail)

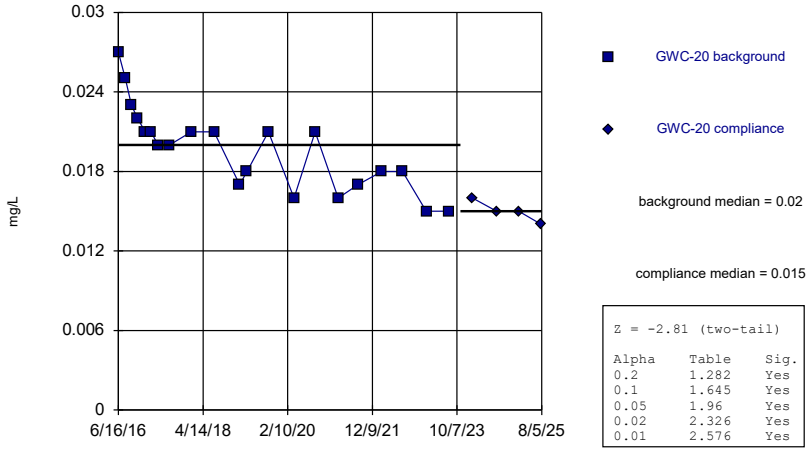
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -2.81 (two-tail)

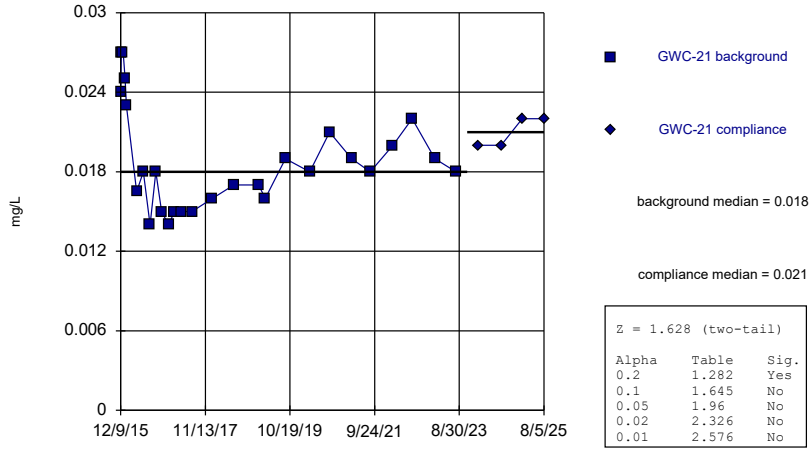
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 1.628 (two-tail)

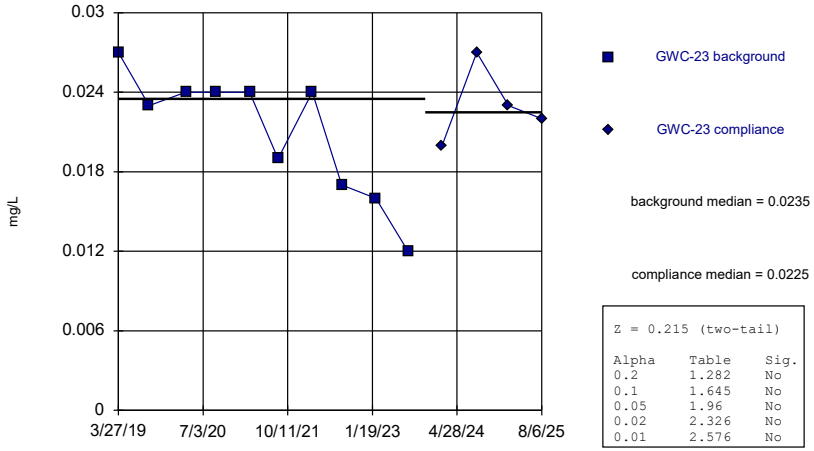
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.215 (two-tail)

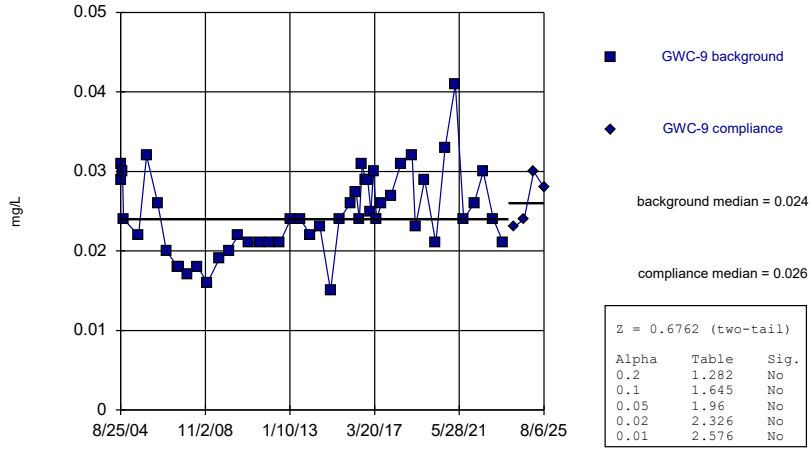
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.6762 (two-tail)

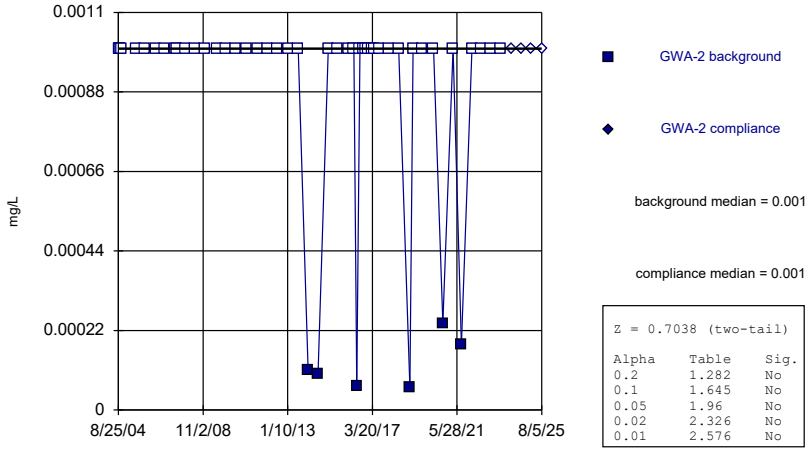
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = 0.7038 (two-tail)

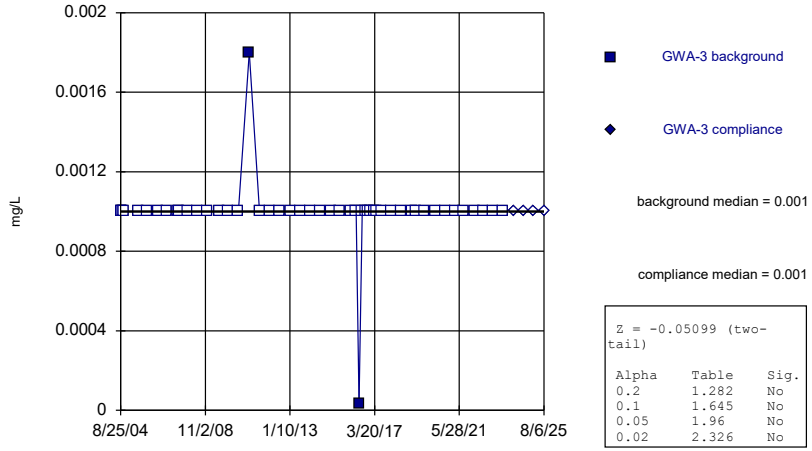
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = -0.05099 (two-tail)

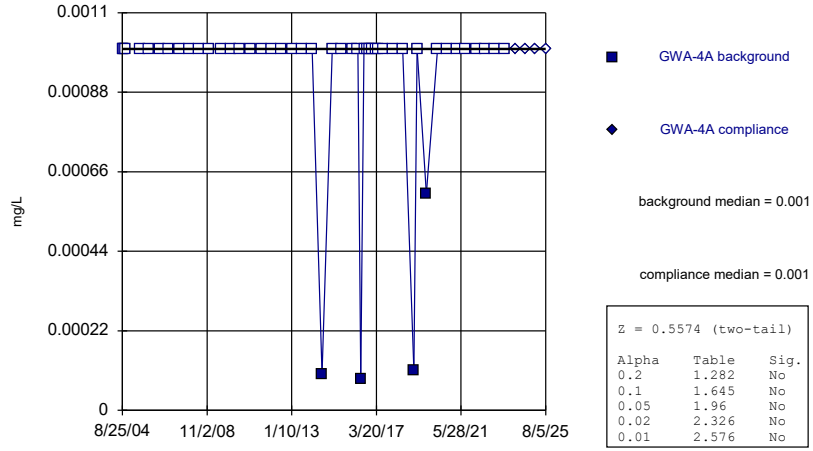
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 0.5574 (two-tail)

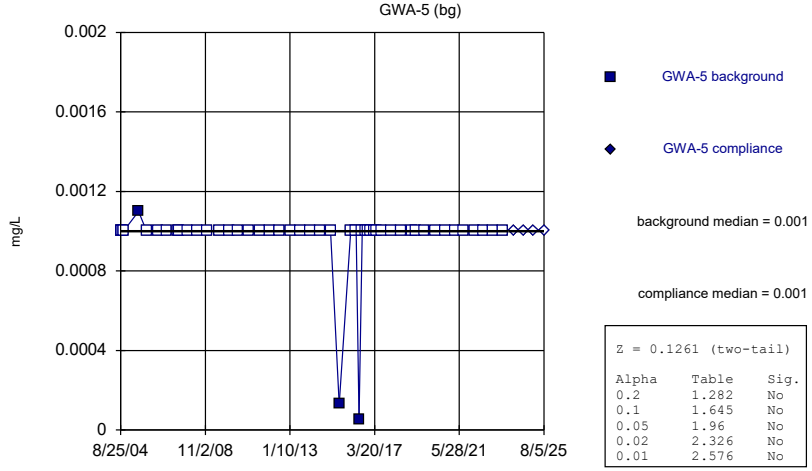
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



Z = 0.1261 (two-tail)

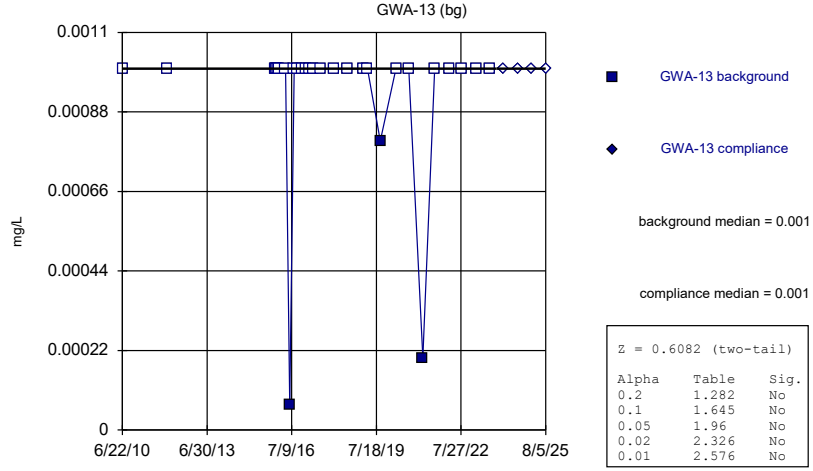
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



Z = 0.6082 (two-tail)

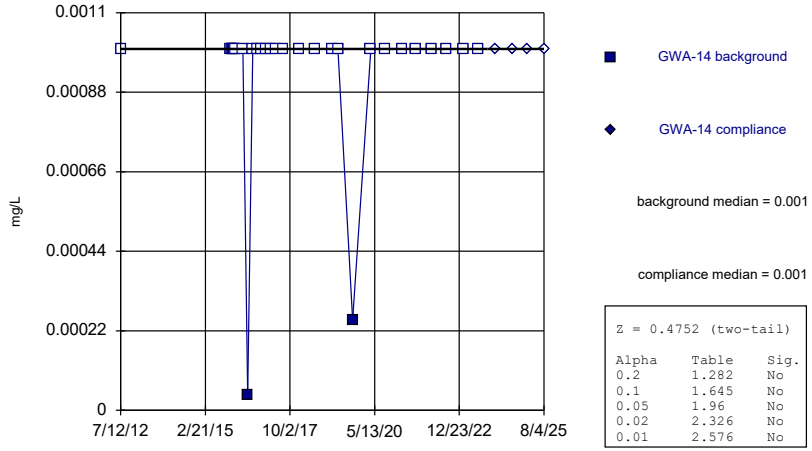
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



Z = 0.4752 (two-tail)

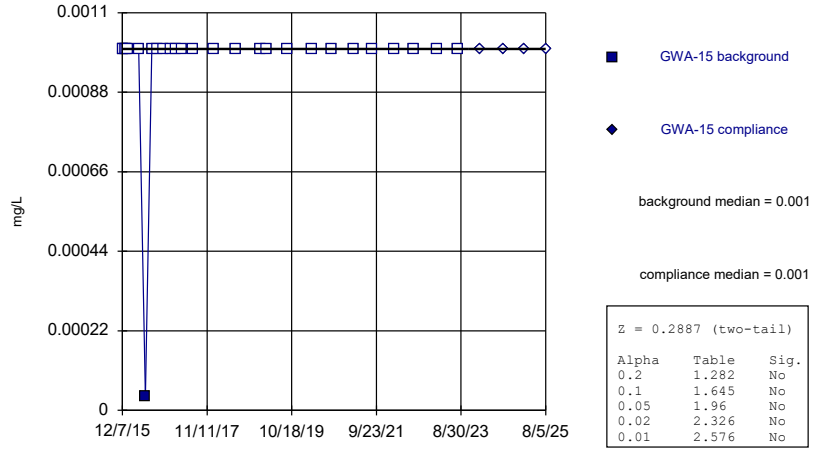
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.2887 (two-tail)

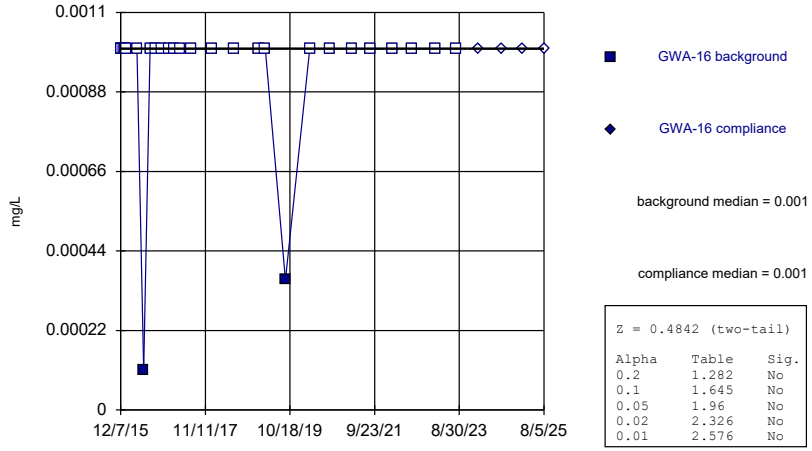
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.4842 (two-tail)

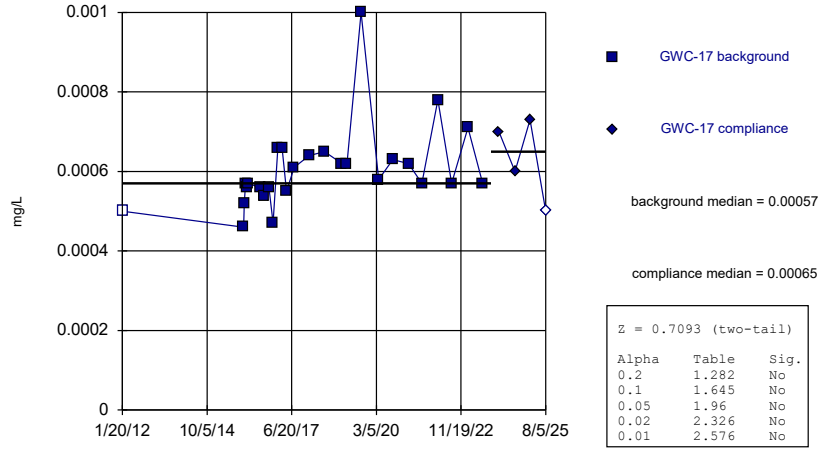
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = 0.7093 (two-tail)

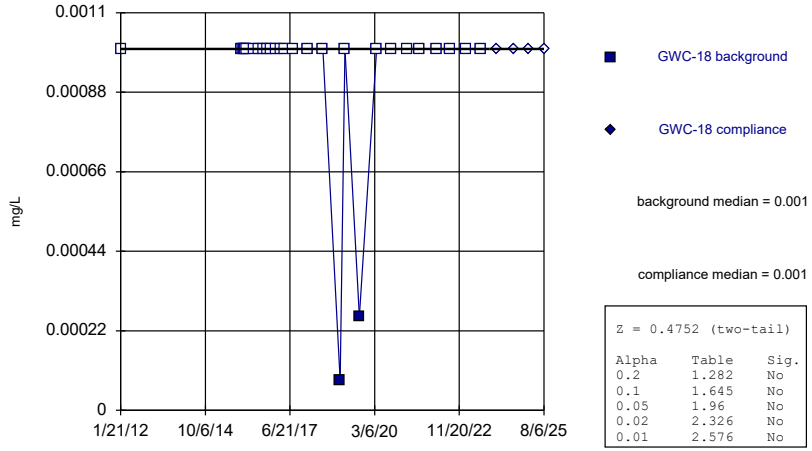
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = 0.4752 (two-tail)

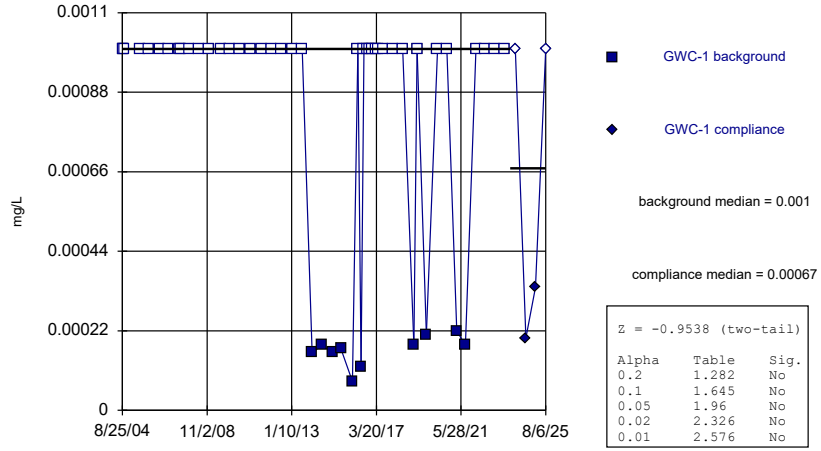
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -0.9538 (two-tail)

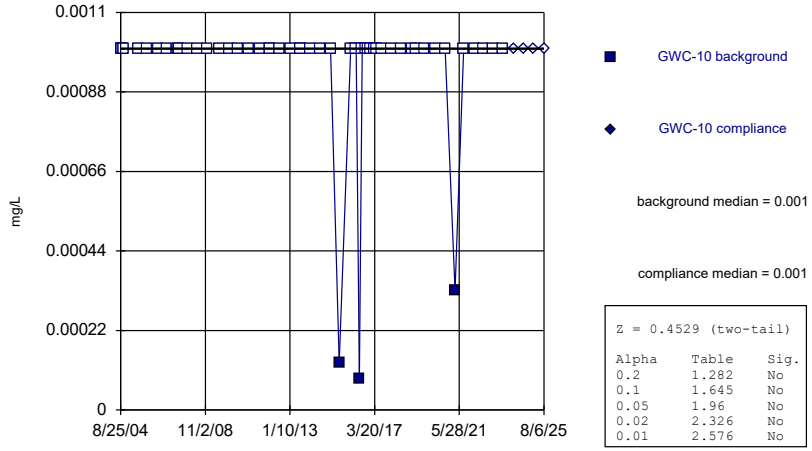
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.4529 (two-tail)

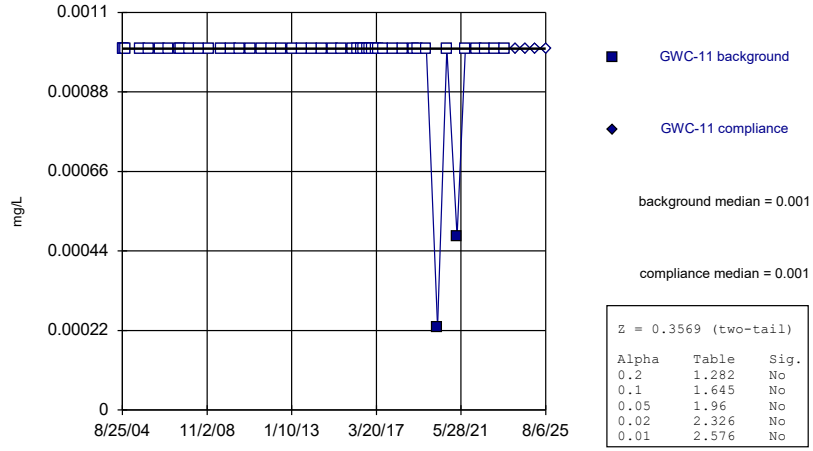
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.3569 (two-tail)

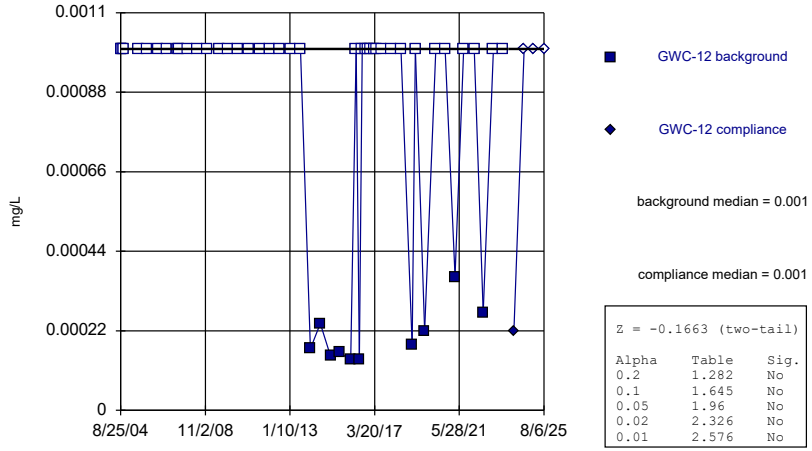
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -0.1663 (two-tail)

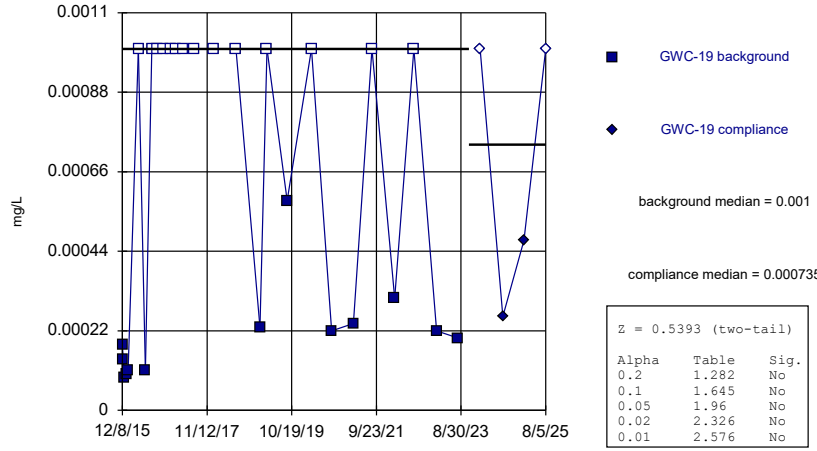
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.5393 (two-tail)

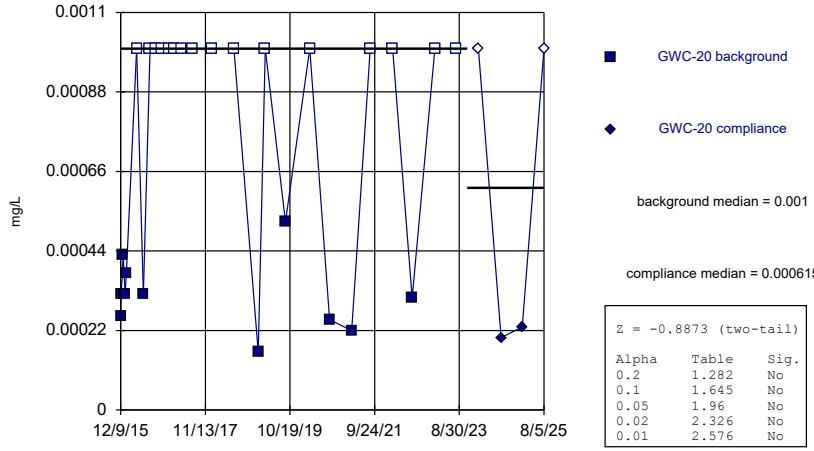
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -0.8873 (two-tail)

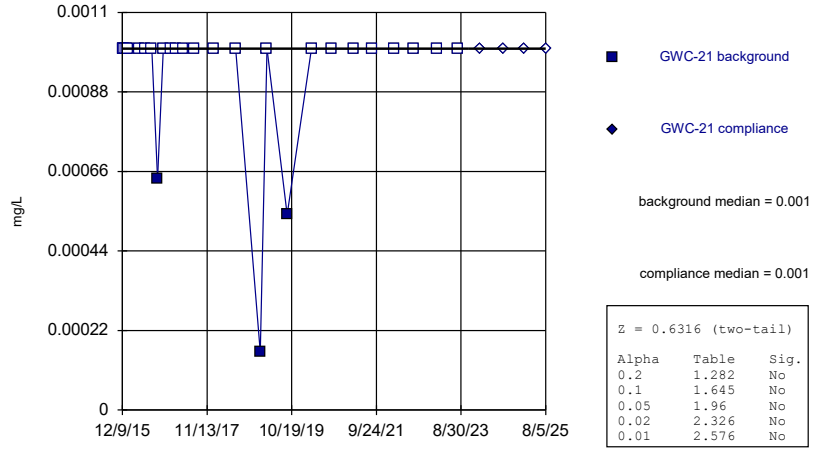
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 0.6316 (two-tail)

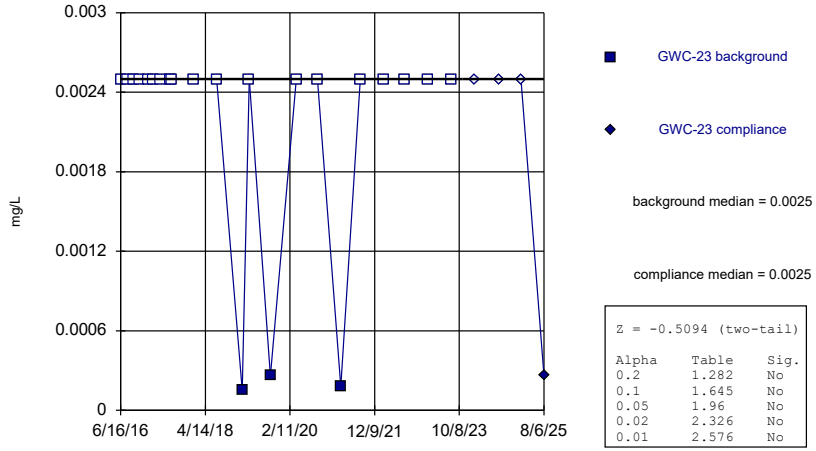
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = -0.5094 (two-tail)

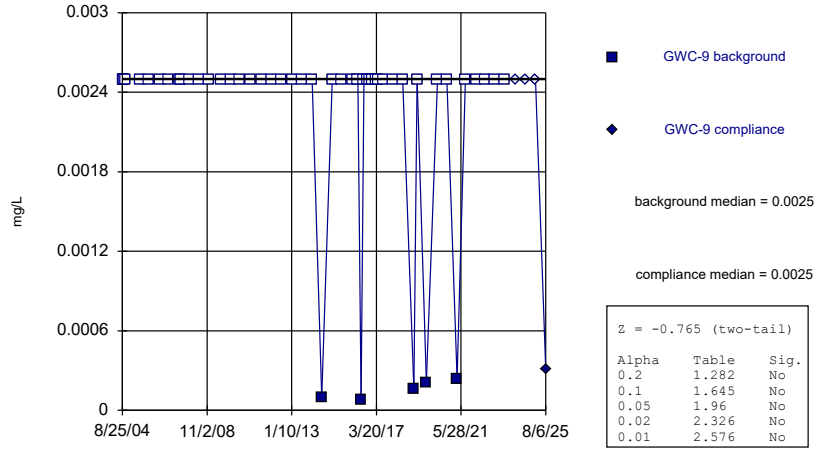
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -0.765 (two-tail)

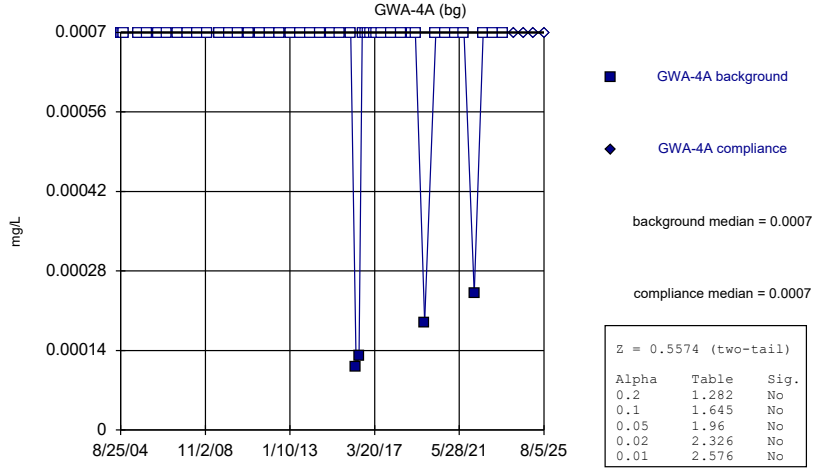
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 0.5574 (two-tail)

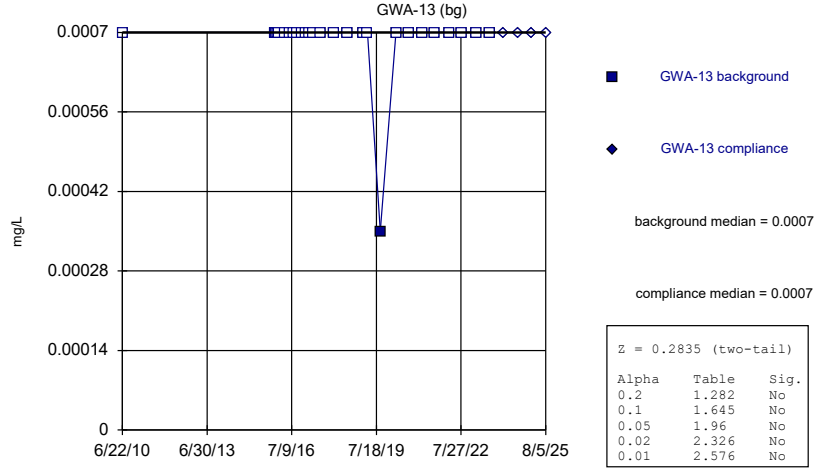
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



Z = 0.2835 (two-tail)

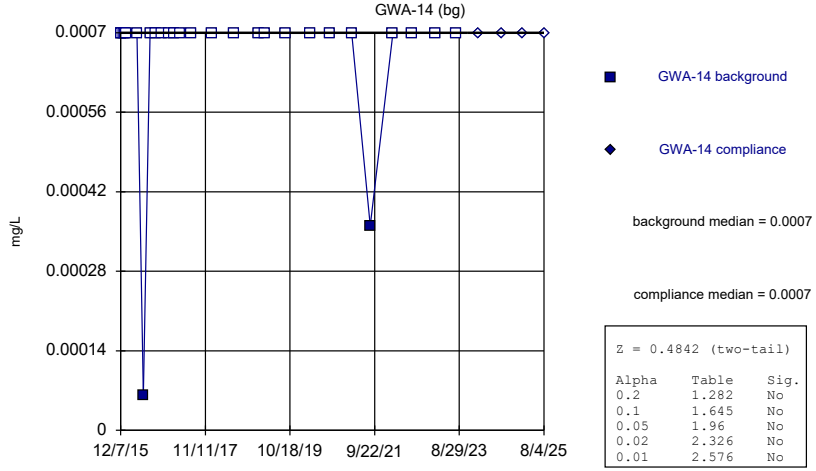
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



Z = 0.4842 (two-tail)

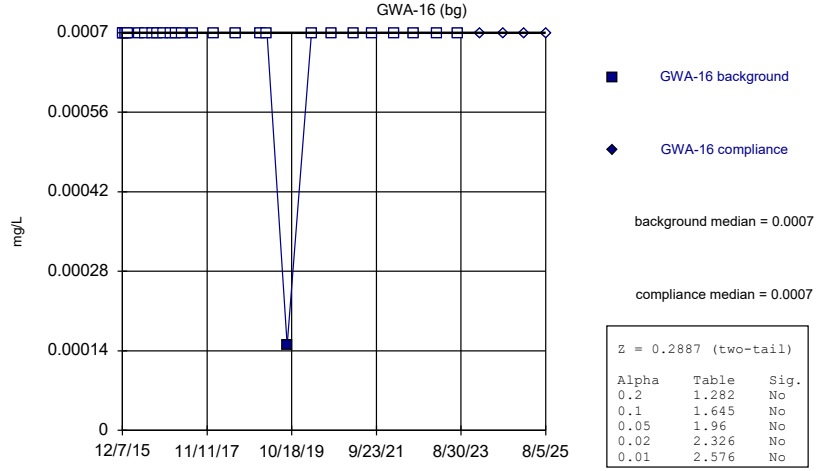
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.2887 (two-tail)

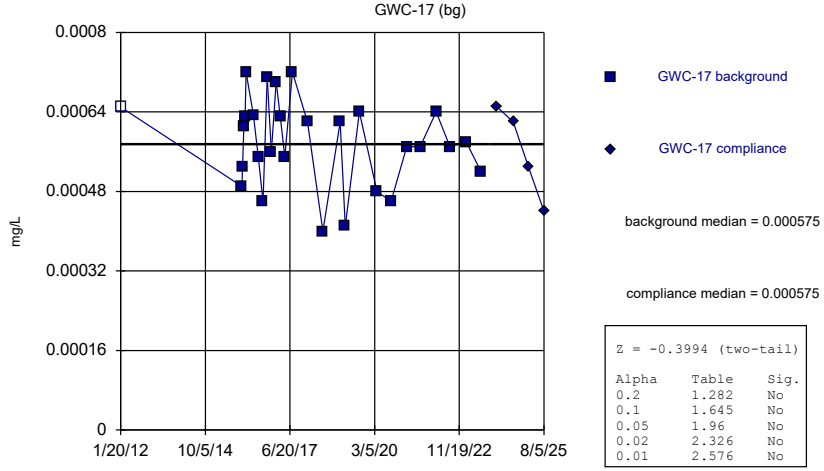
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = -0.3994 (two-tail)

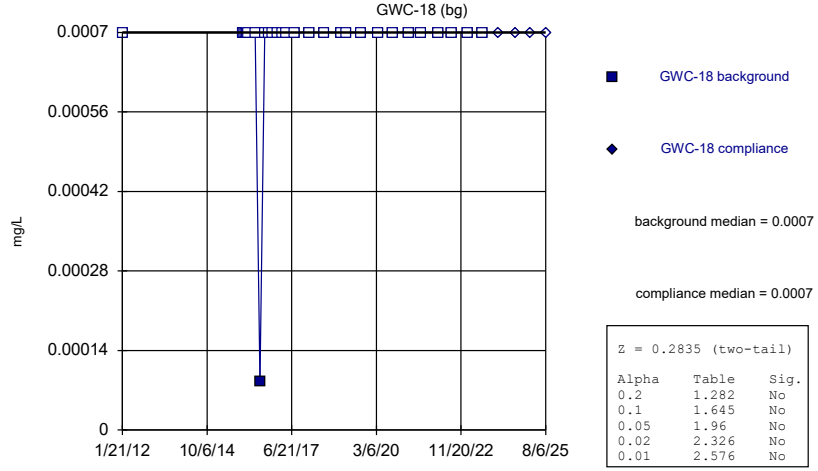
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = 0.2835 (two-tail)

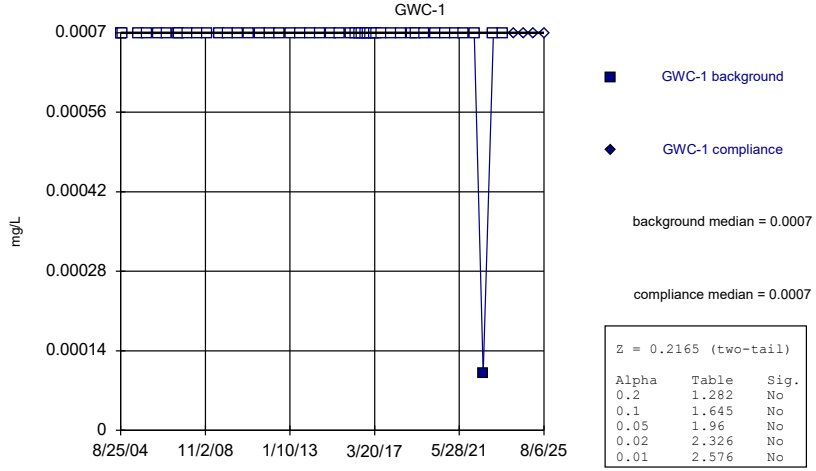
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.2165 (two-tail)

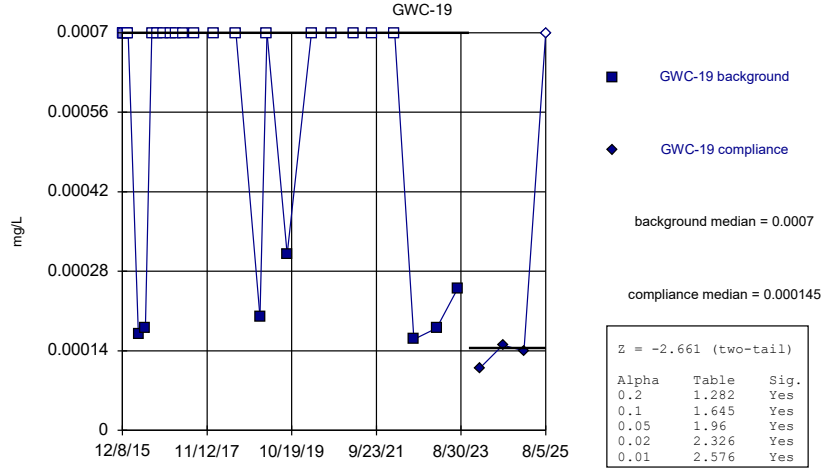
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -2.661 (two-tail)

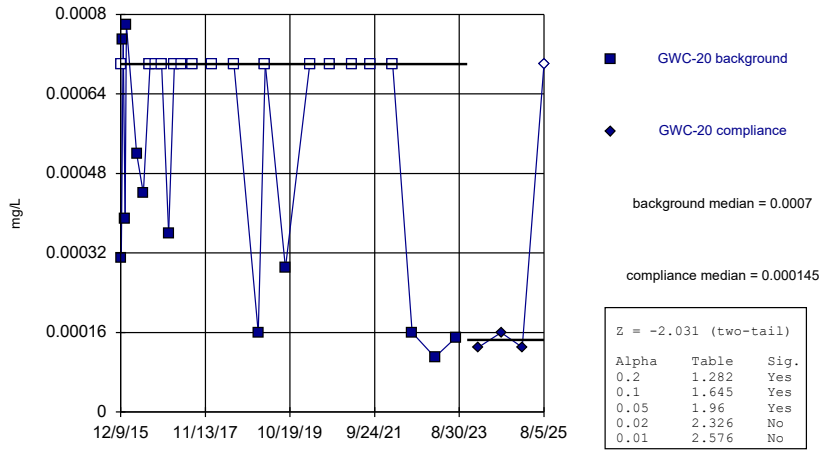
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -2.031 (two-tail)

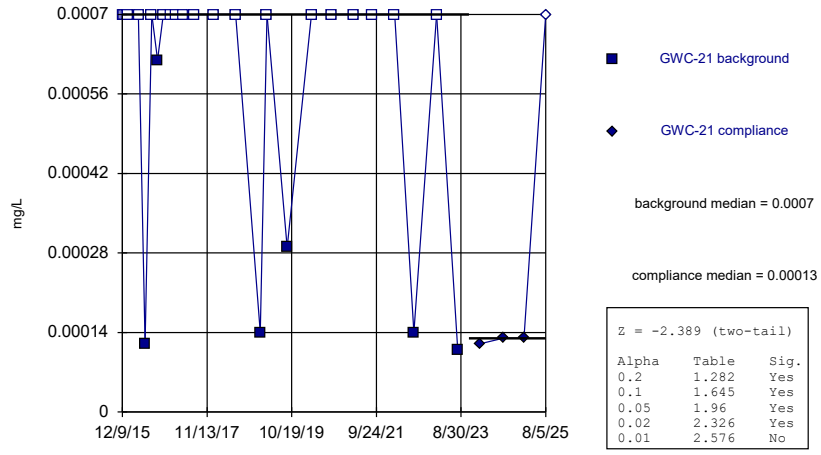
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



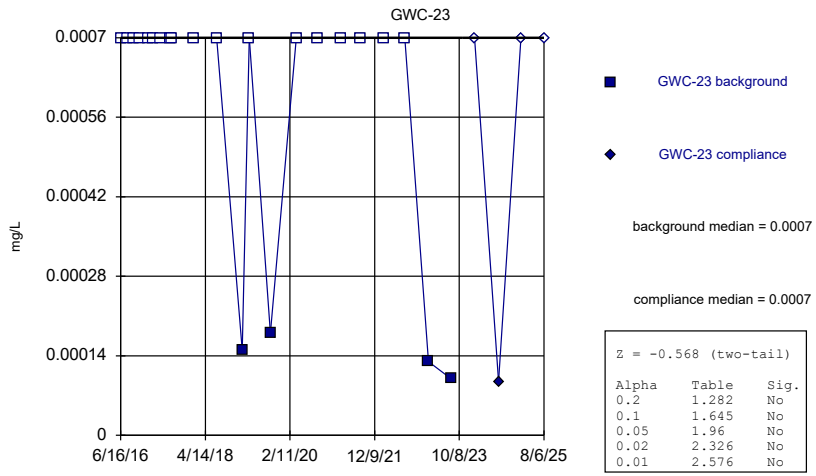
Z = -2.389 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



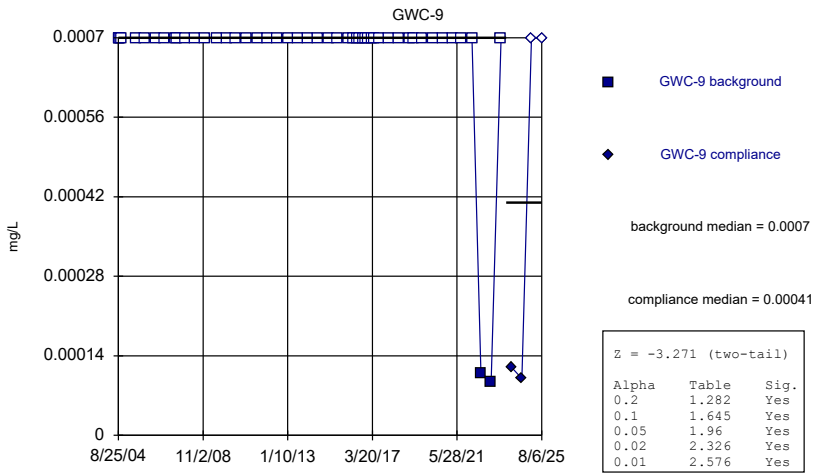
Z = -0.568 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



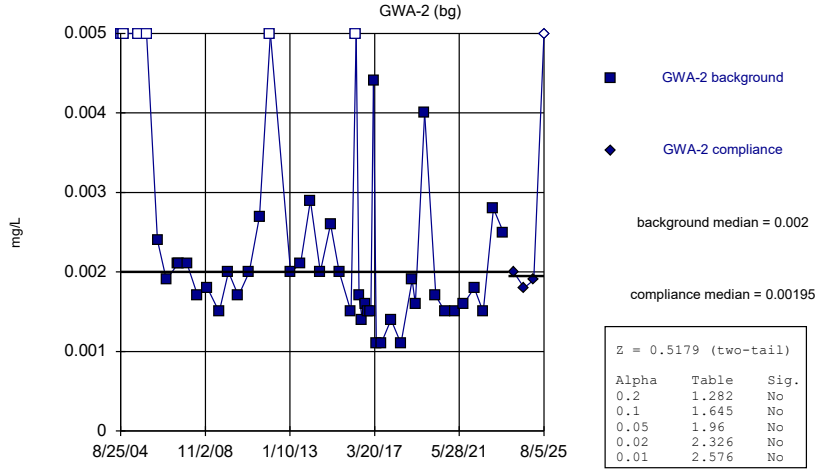
Z = -3.271 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Cadmium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



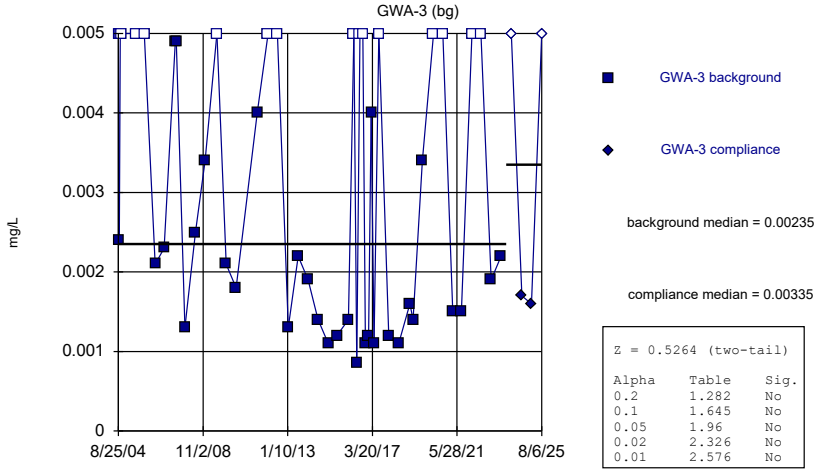
Z = 0.5179 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



Z = 0.5264 (two-tail)

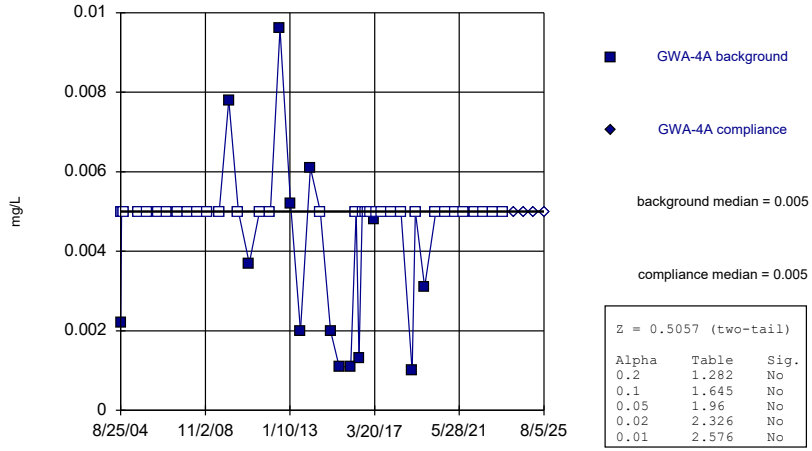
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 0.5057 (two-tail)

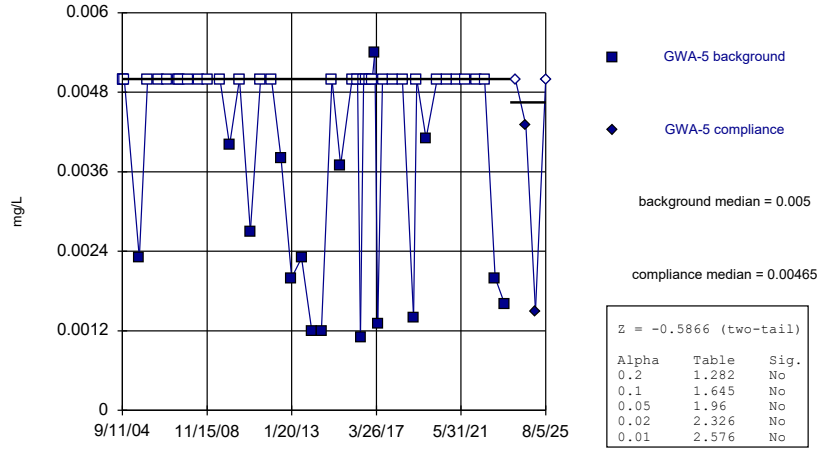
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



Z = -0.5866 (two-tail)

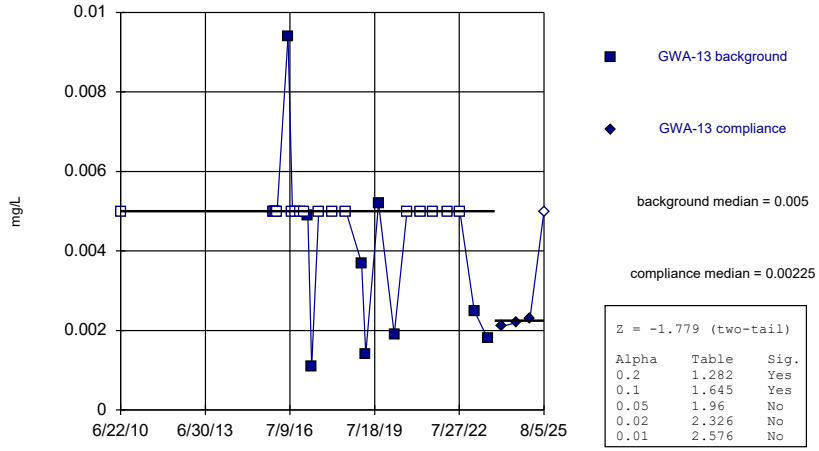
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



Z = -1.779 (two-tail)

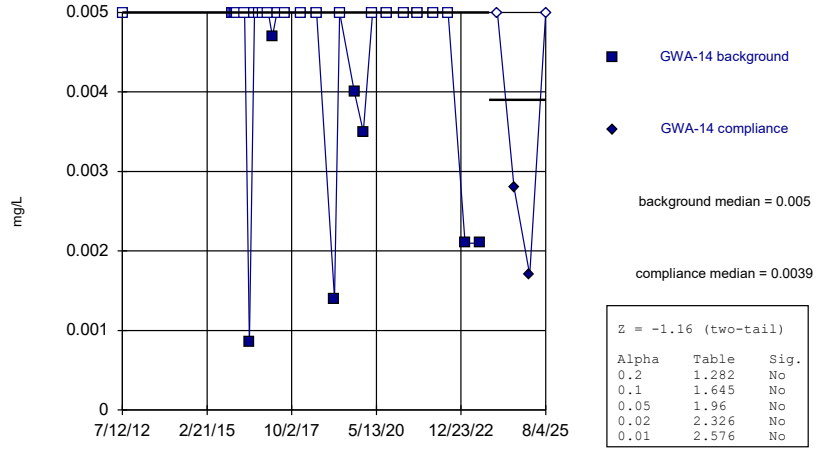
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



Z = -1.16 (two-tail)

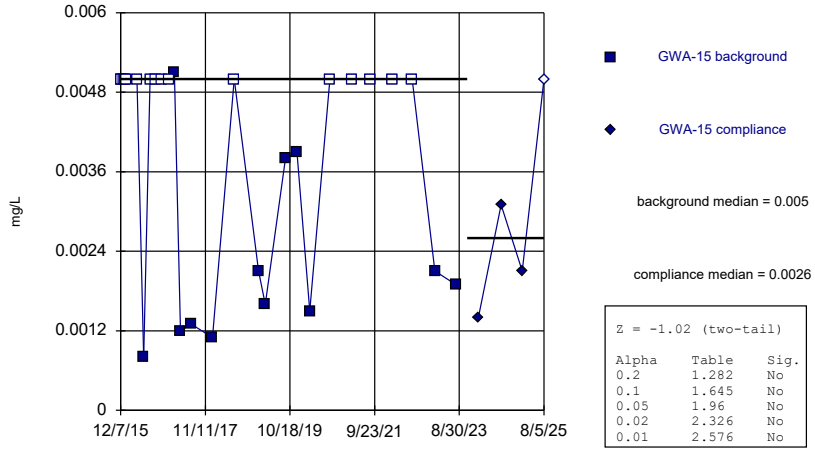
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:37 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -1.02 (two-tail)

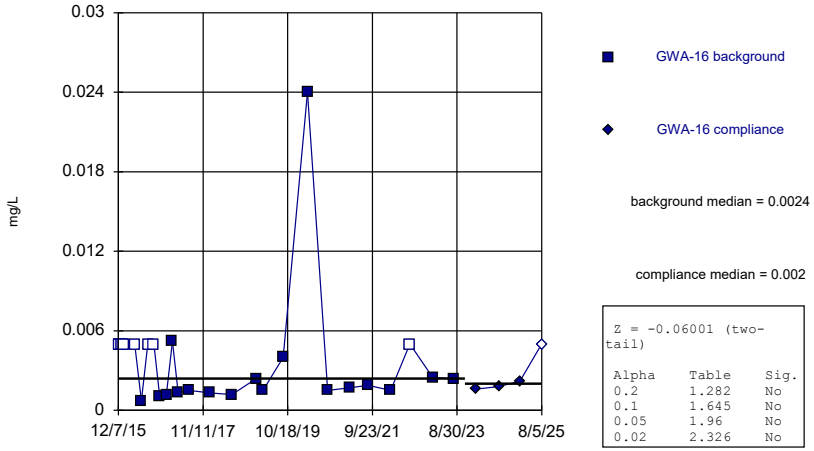
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = -0.06001 (two-tail)

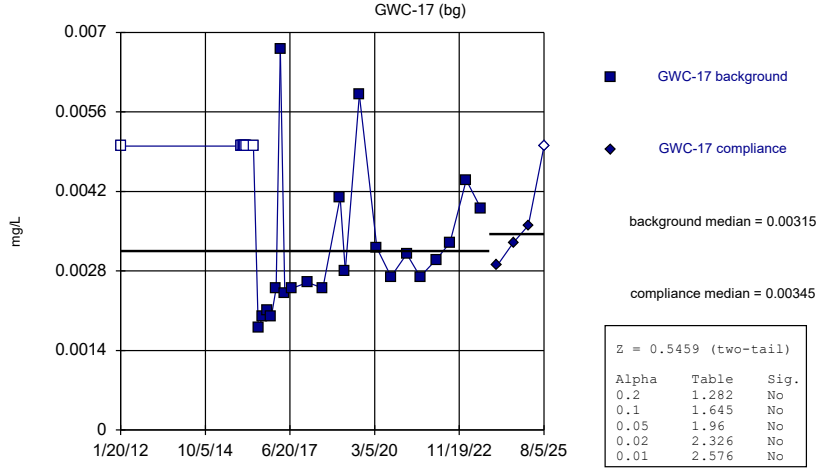
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = 0.5459 (two-tail)

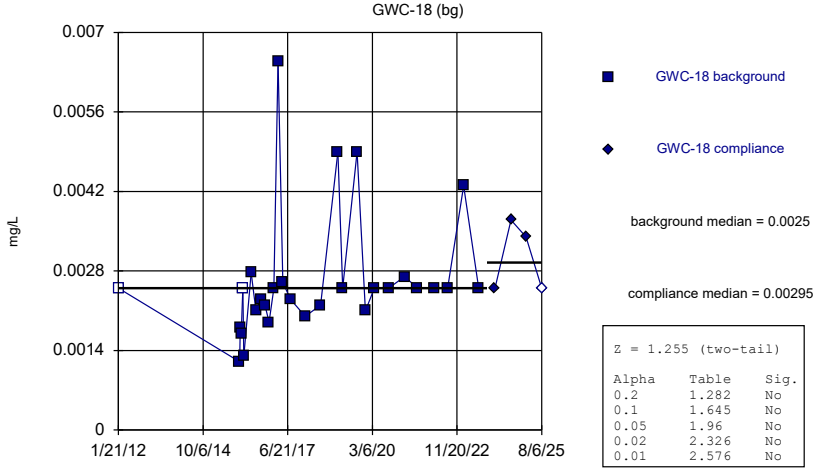
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = 1.255 (two-tail)

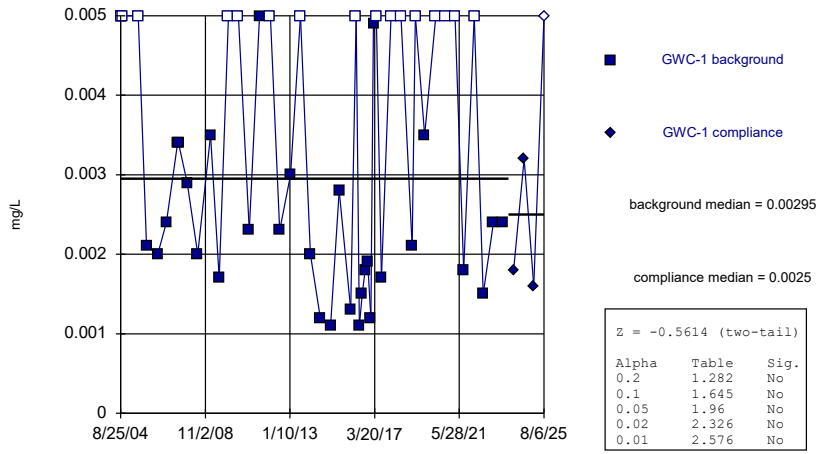
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -0.5614 (two-tail)

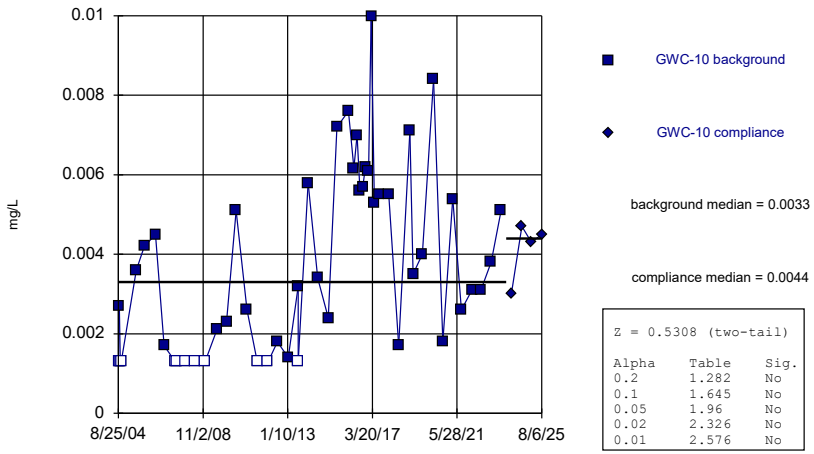
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.5308 (two-tail)

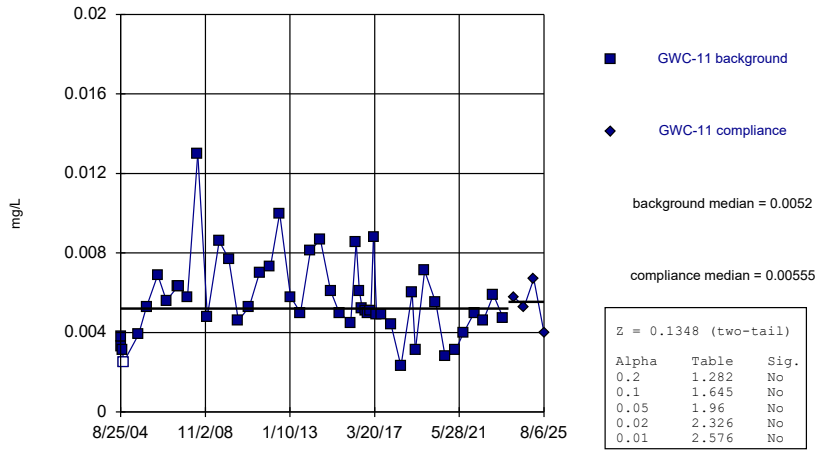
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.1348 (two-tail)

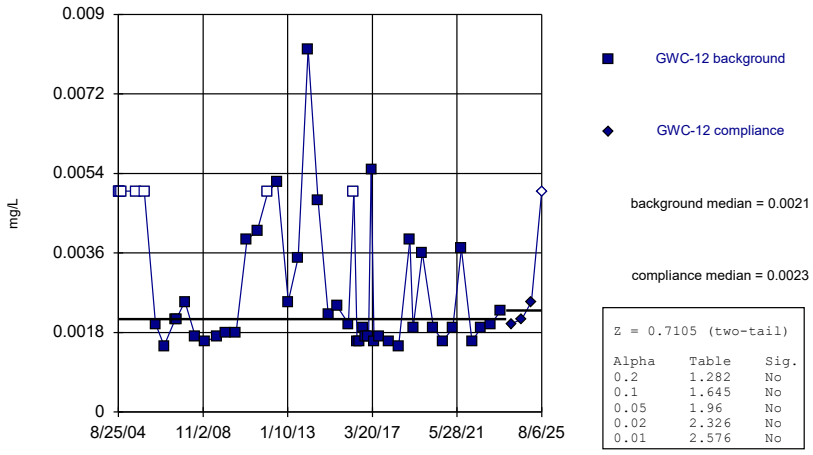
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.7105 (two-tail)

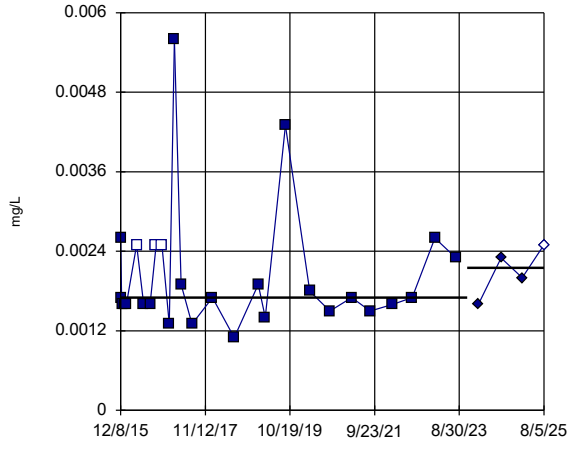
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



GWC-19 background

GWC-19 compliance

background median = 0.0017

compliance median = 0.00215

Z = 0.8615 (two-tail)

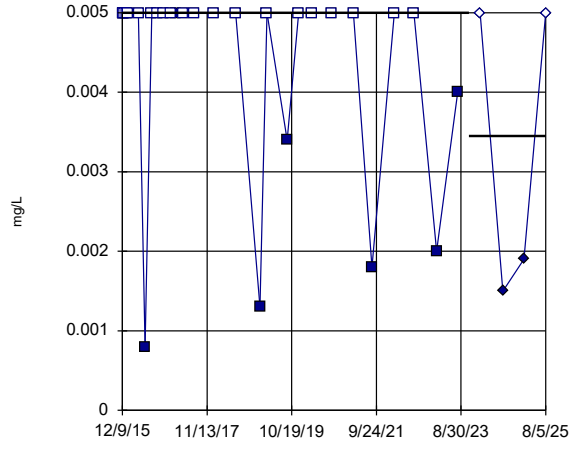
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.005

compliance median = 0.00345

Z = -1.329 (two-tail)

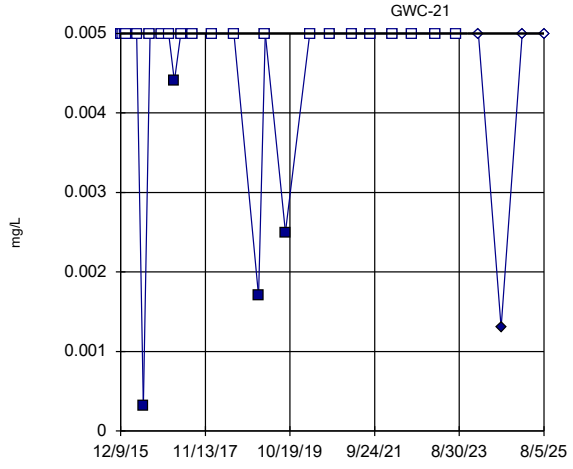
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.005

compliance median = 0.005

Z = -0.6108 (two-tail)

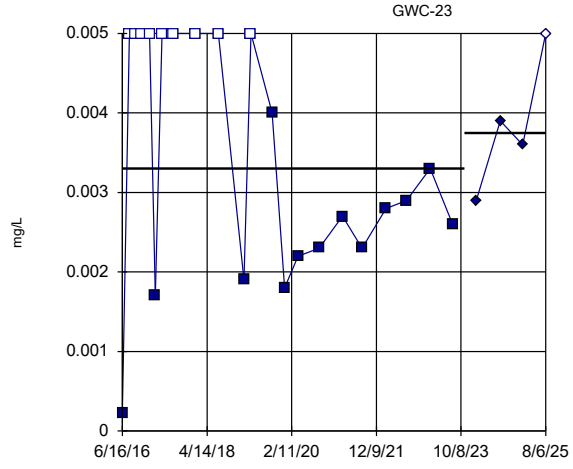
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.0033

compliance median = 0.00375

Z = 0.4241 (two-tail)

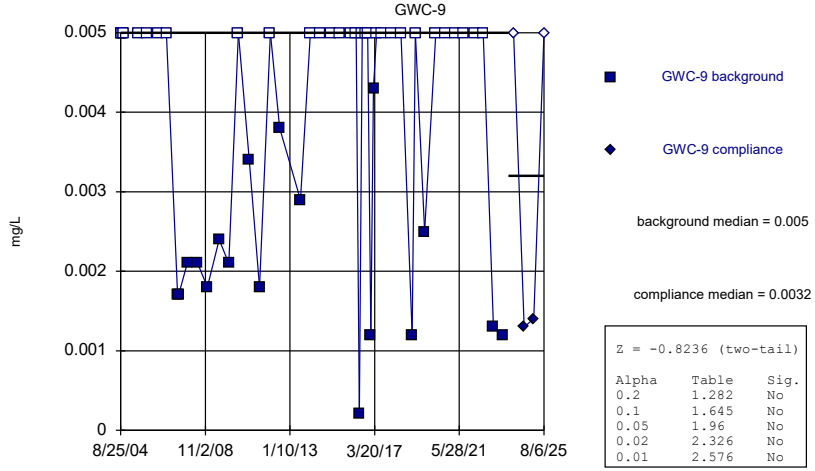
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -0.8236 (two-tail)

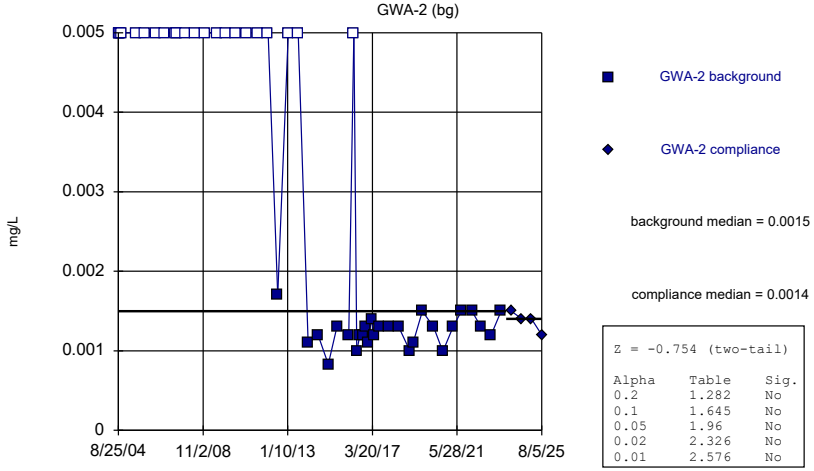
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = -0.754 (two-tail)

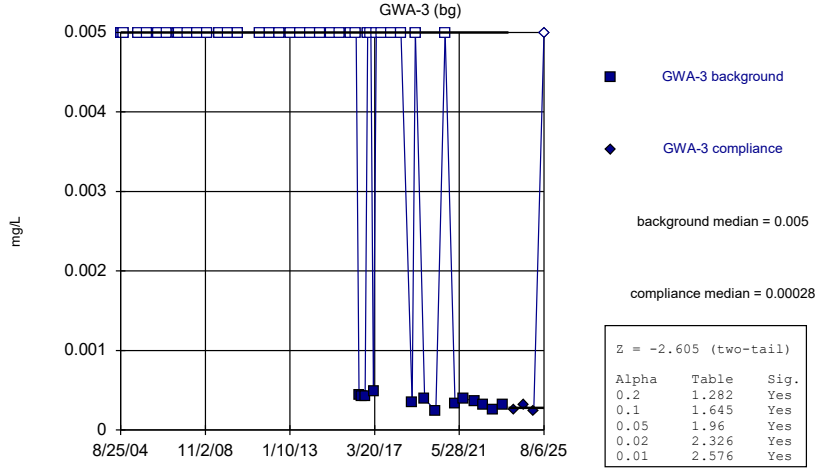
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = -2.605 (two-tail)

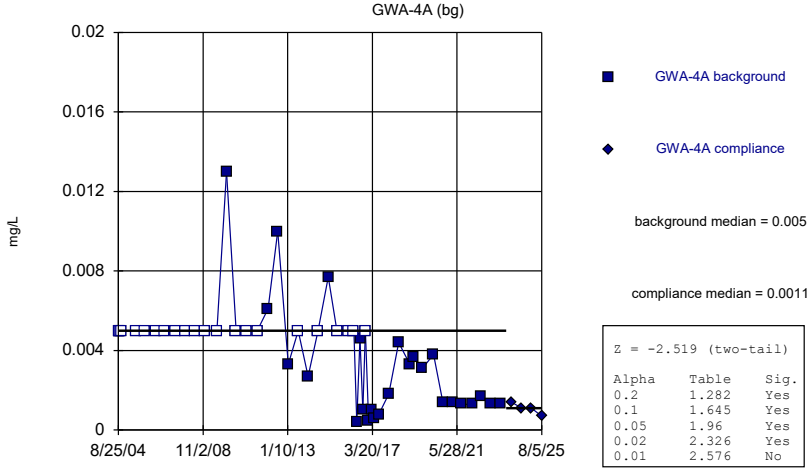
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = -2.519 (two-tail)

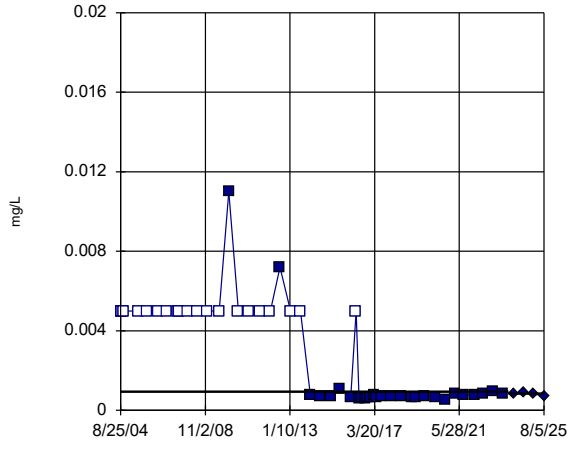
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



GWA-5 background

GWA-5 compliance

background median = 0.00094

compliance median = 0.000845

Z = -0.487 (two-tail)

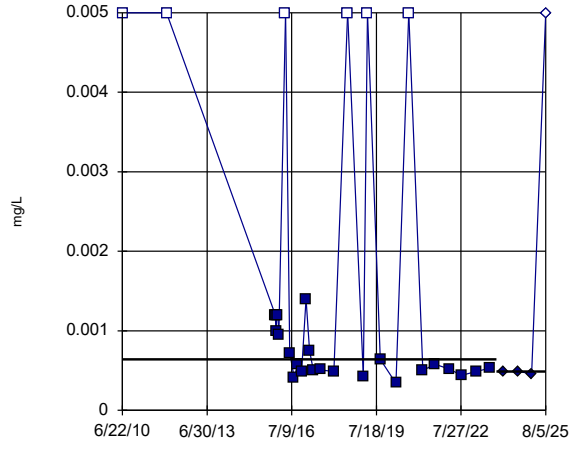
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



GWA-13 background

GWA-13 compliance

background median = 0.00064

compliance median = 0.00049

Z = -0.9157 (two-tail)

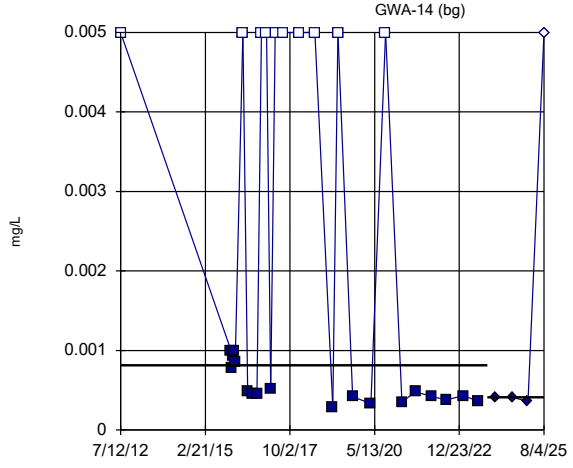
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



GWA-14 background

GWA-14 compliance

background median = 0.000815

compliance median = 0.00041

Z = -1.164 (two-tail)

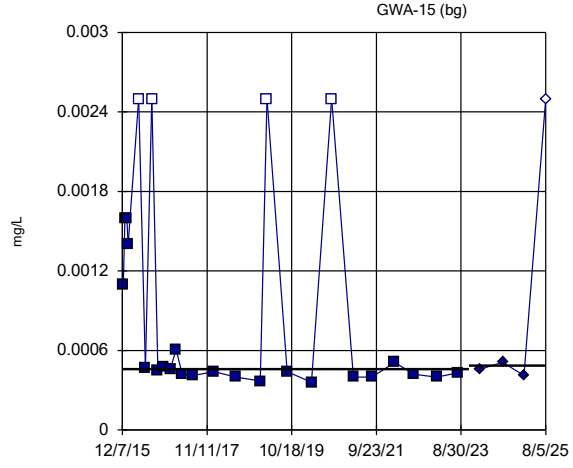
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



GWA-15 background

GWA-15 compliance

background median = 0.00046

compliance median = 0.000485

Z = 0.414 (two-tail)

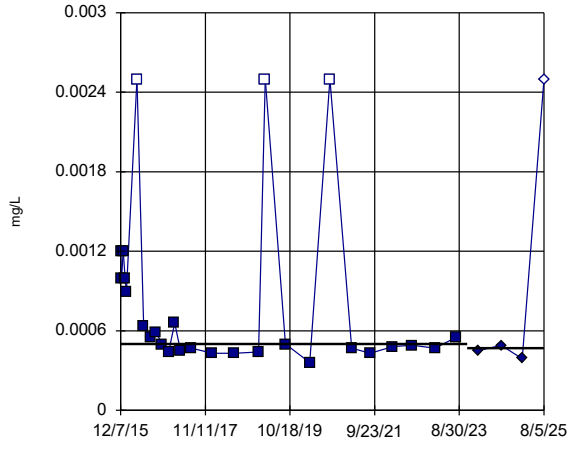
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



GWA-16 background

GWA-16 compliance

background median = 0.0005

compliance median = 0.00047

Z = -0.5907 (two-tail)

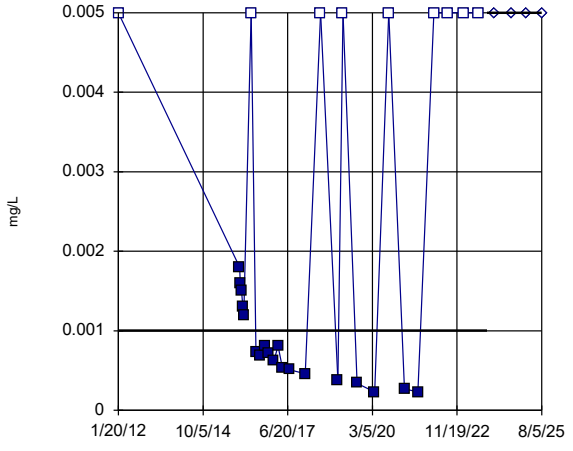
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



GWC-17 background

GWC-17 compliance

background median = 0.001005

compliance median = 0.005

Z = 2.212 (two-tail)

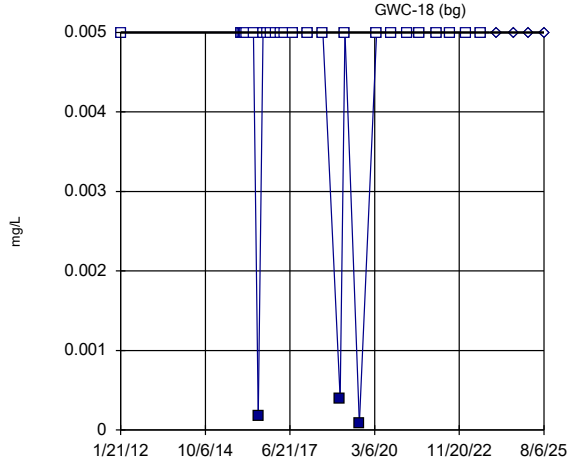
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



GWC-18 background

GWC-18 compliance

background median = 0.005

compliance median = 0.005

Z = 0.6196 (two-tail)

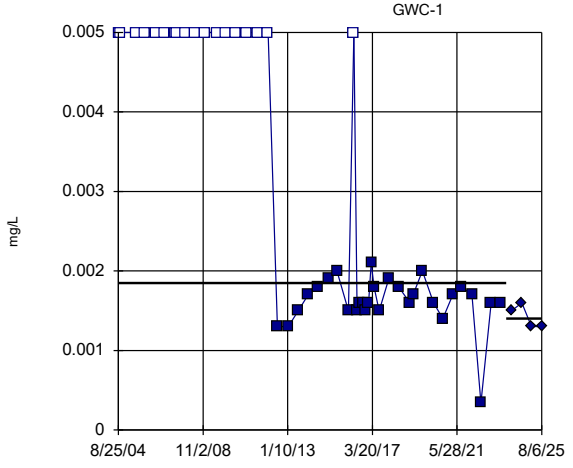
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



GWC-1 background

GWC-1 compliance

background median = 0.00185

compliance median = 0.0014

Z = -2.597 (two-tail)

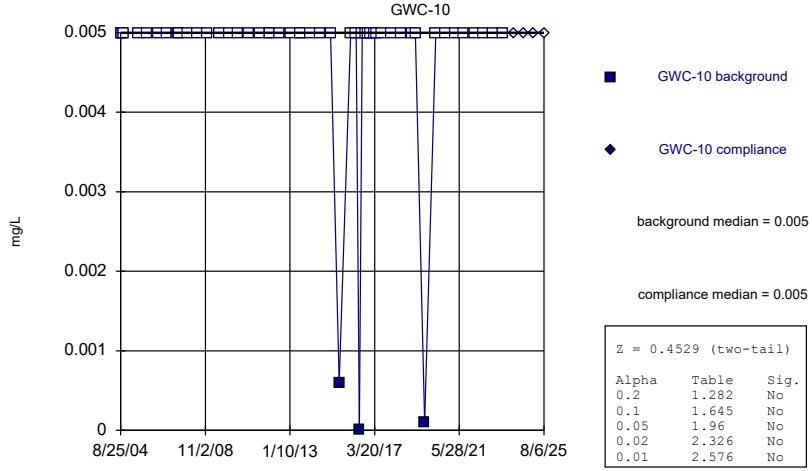
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.4529 (two-tail)

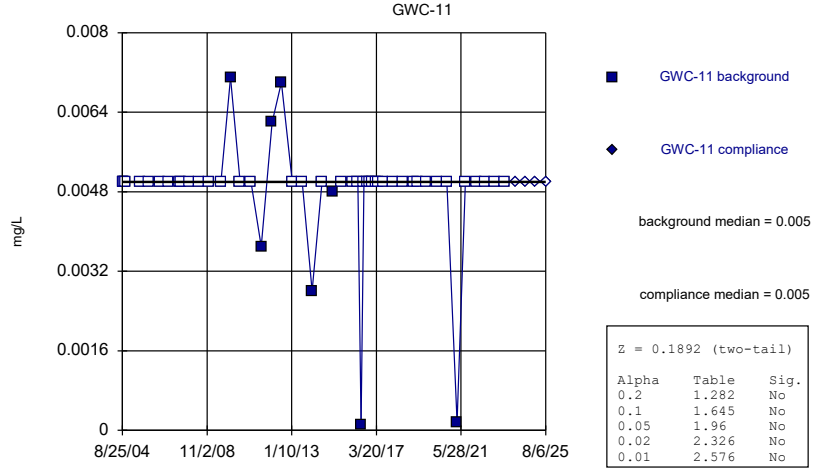
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.1892 (two-tail)

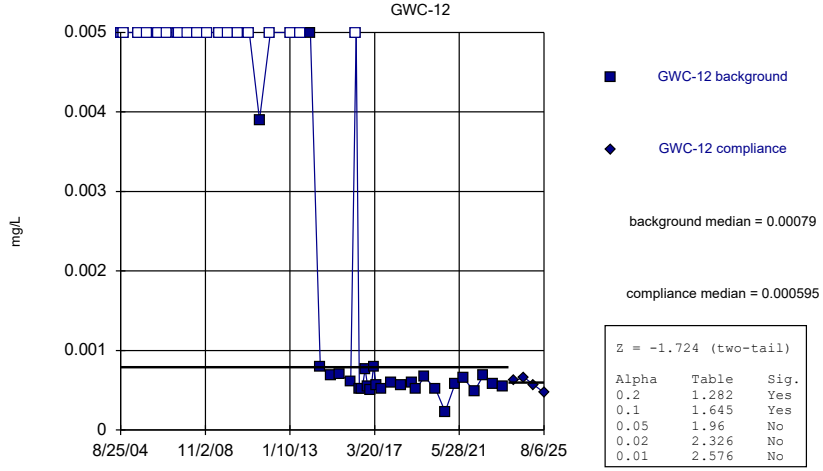
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.724 (two-tail)

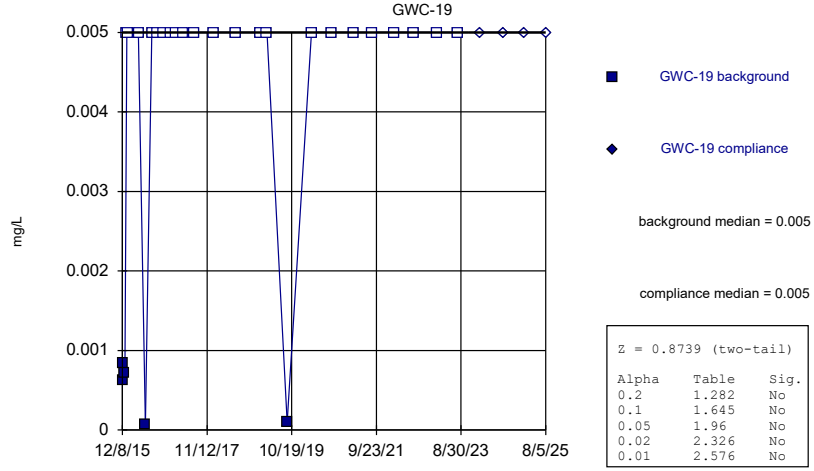
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.8739 (two-tail)

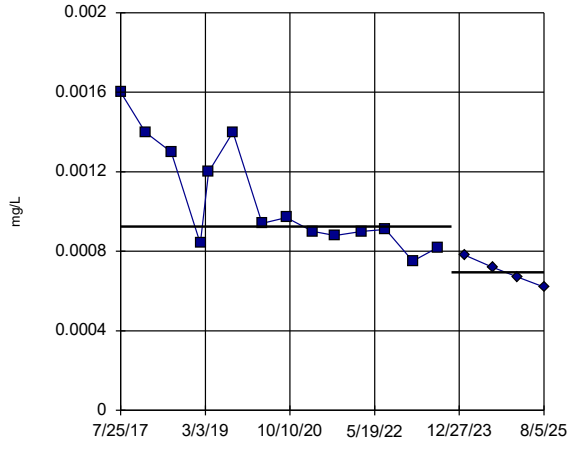
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.000925

compliance median = 0.000695

Z = -2.923 (two-tail)

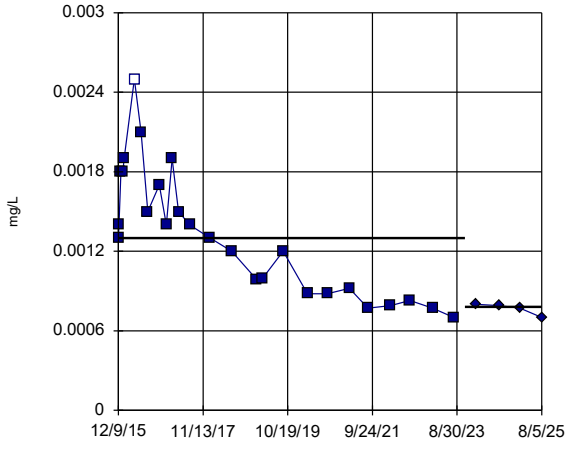
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



GWC-21 background

GWC-21 compliance

background median = 0.0013

compliance median = 0.00078

Z = -2.598 (two-tail)

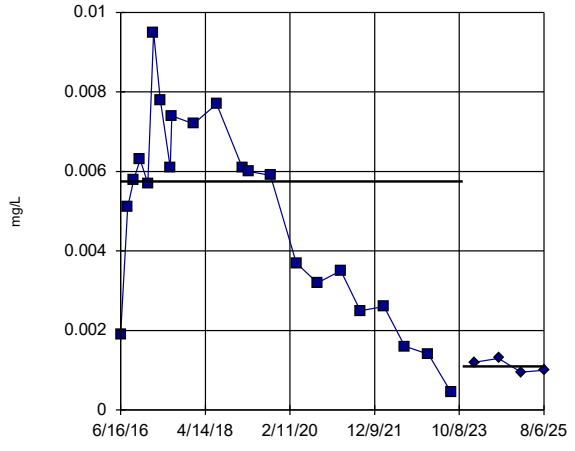
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



GWC-23 background

GWC-23 compliance

background median = 0.00575

compliance median = 0.0011

Z = -2.879 (two-tail)

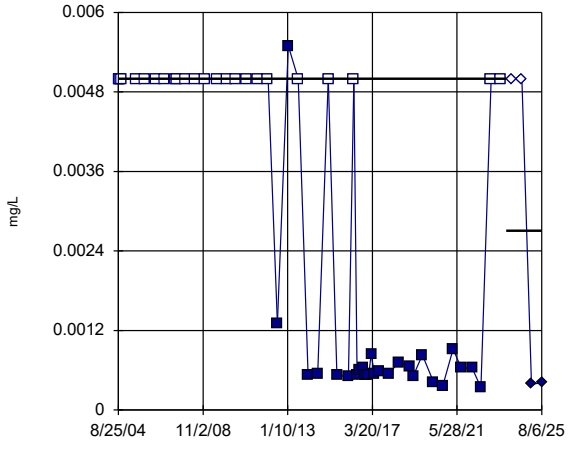
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



GWC-9 background

GWC-9 compliance

background median = 0.005

compliance median = 0.002705

Z = -0.8069 (two-tail)

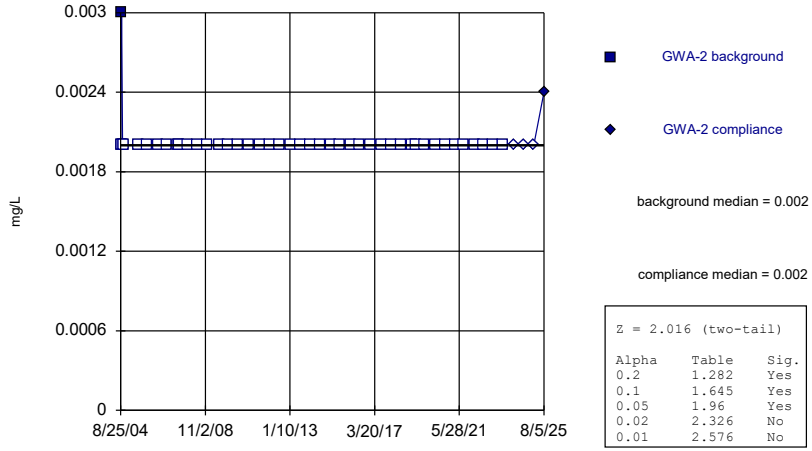
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = 2.016 (two-tail)

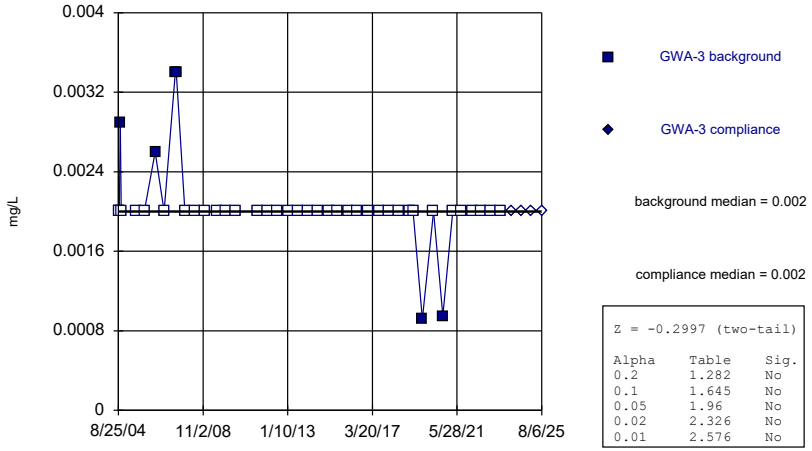
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = -0.2997 (two-tail)

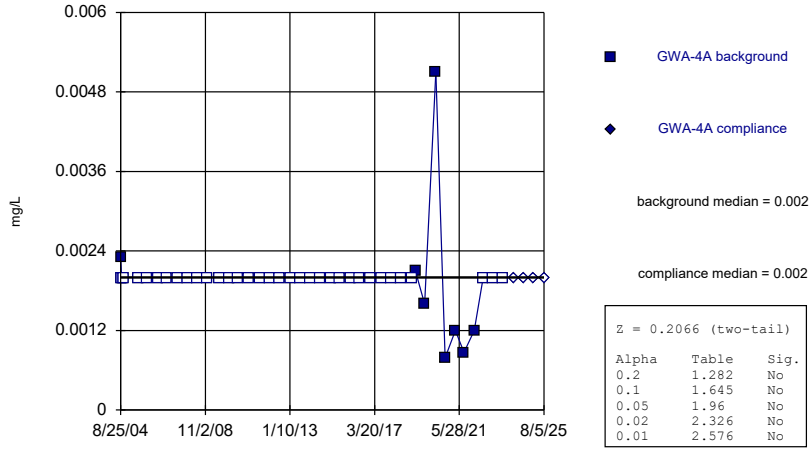
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 0.2066 (two-tail)

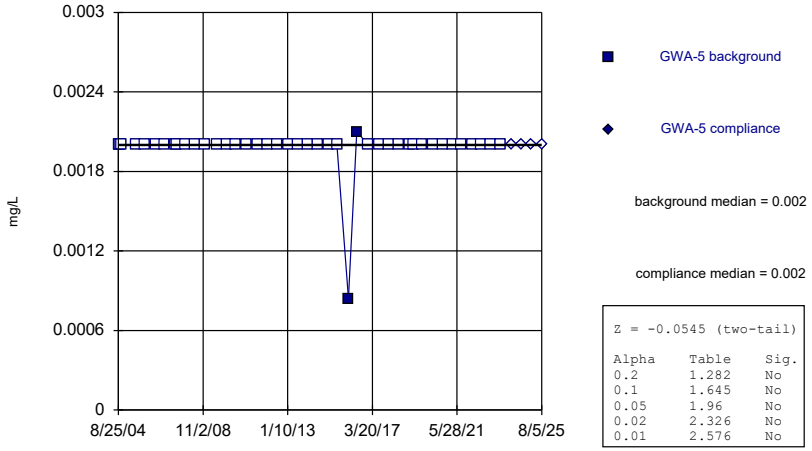
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



Z = -0.0545 (two-tail)

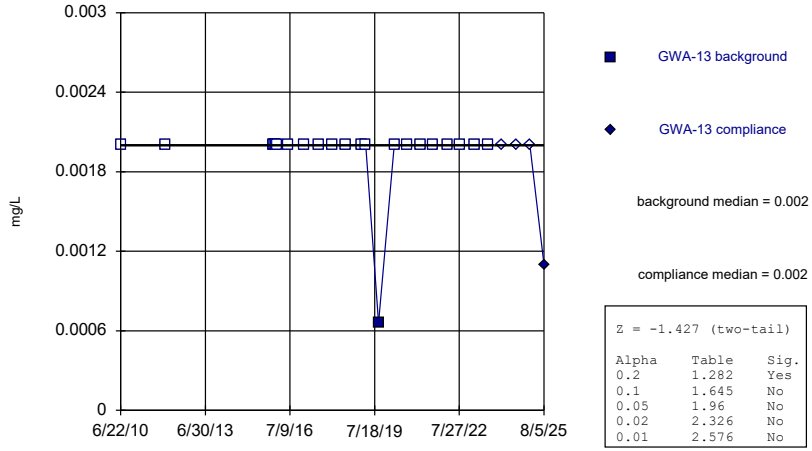
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



Z = -1.427 (two-tail)

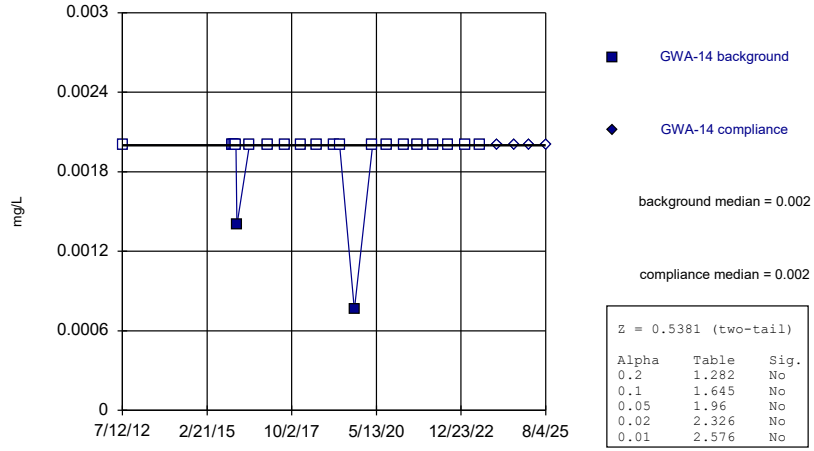
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



Z = 0.5381 (two-tail)

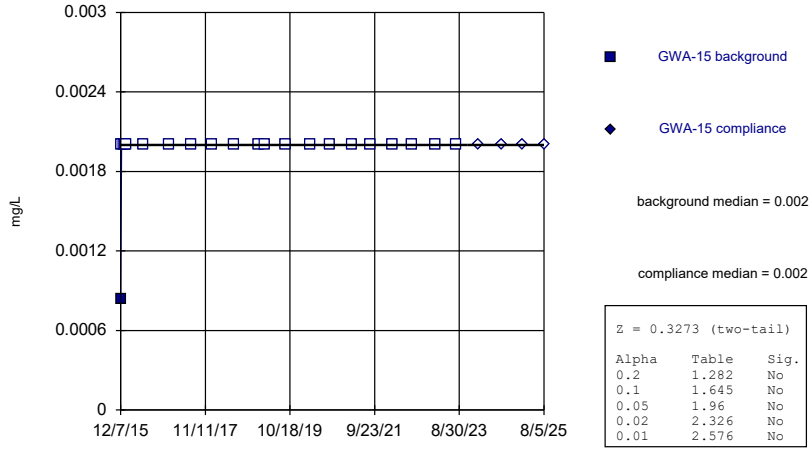
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.3273 (two-tail)

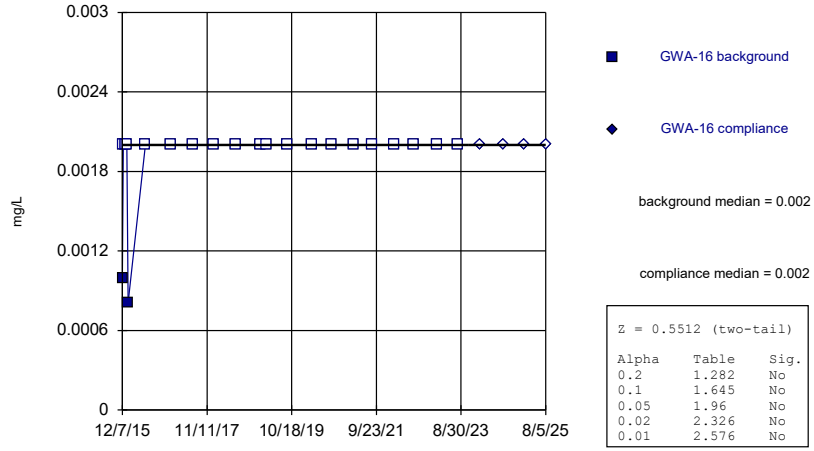
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.5512 (two-tail)

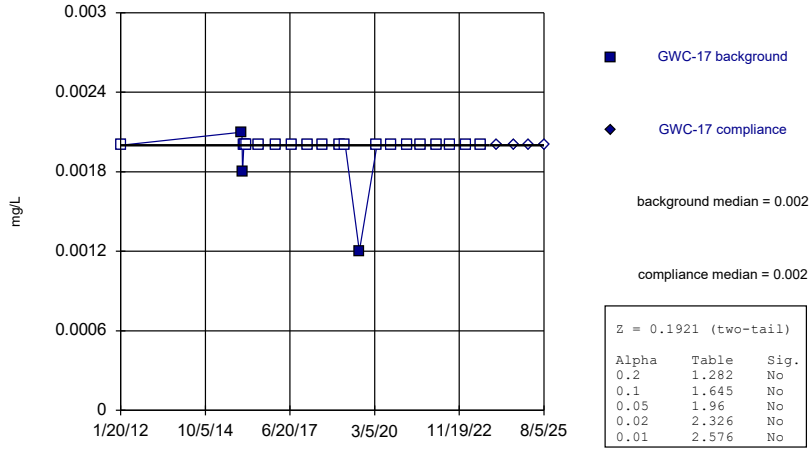
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = 0.1921 (two-tail)

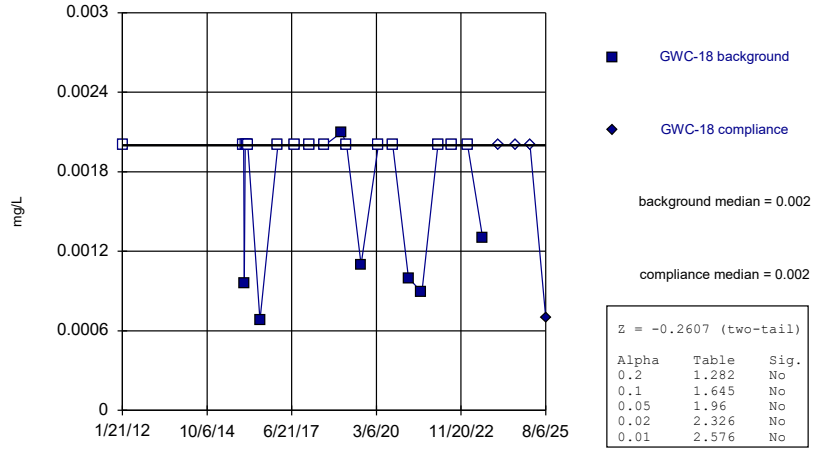
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:38 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = -0.2607 (two-tail)

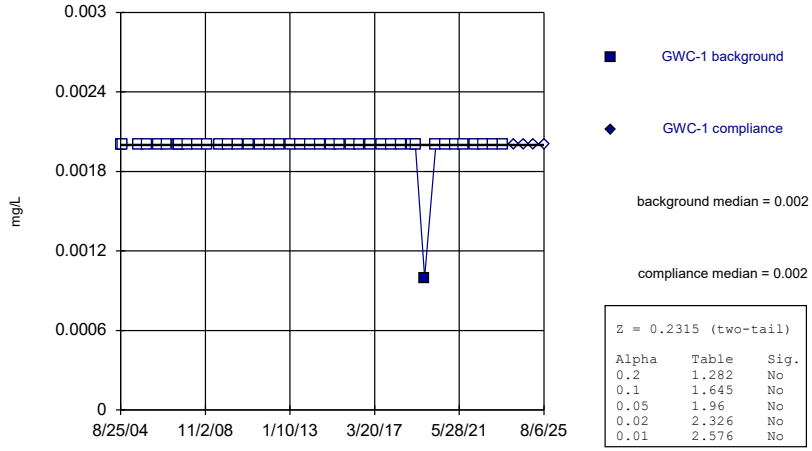
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.2315 (two-tail)

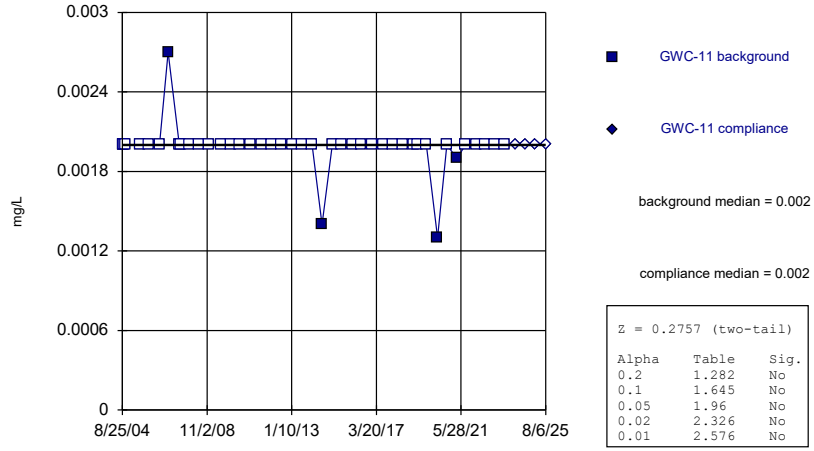
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.2757 (two-tail)

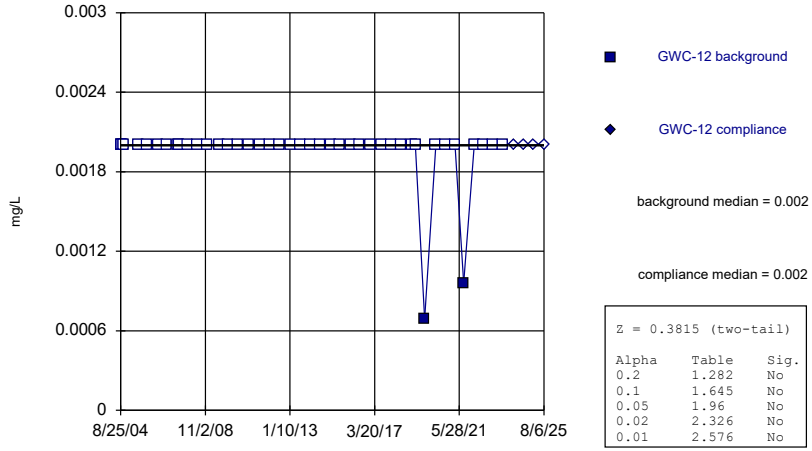
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.3815 (two-tail)

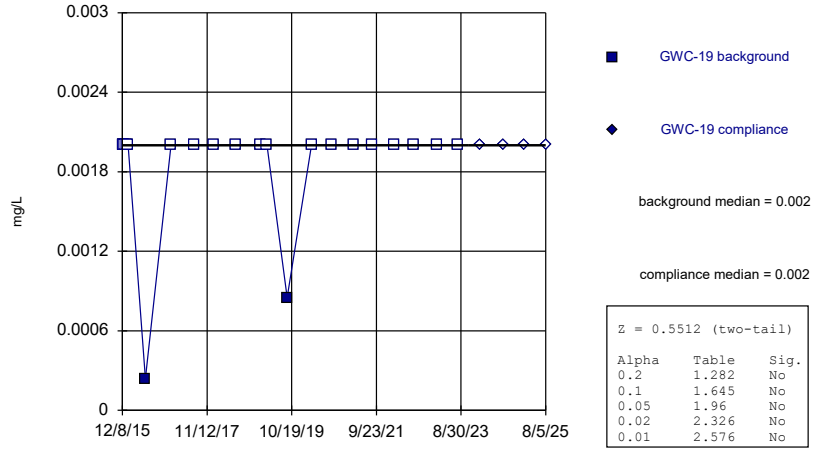
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.5512 (two-tail)

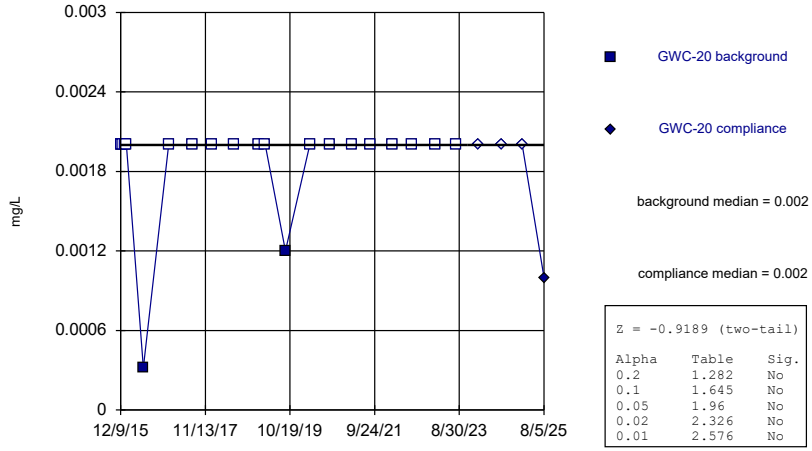
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -0.9189 (two-tail)

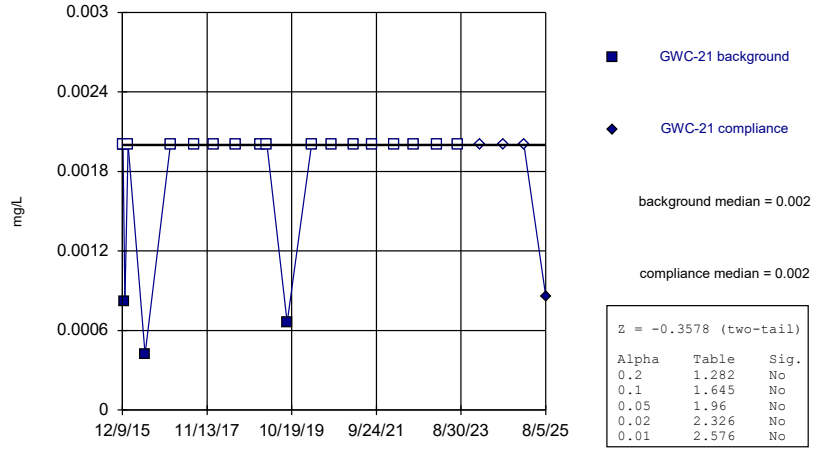
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = -0.3578 (two-tail)

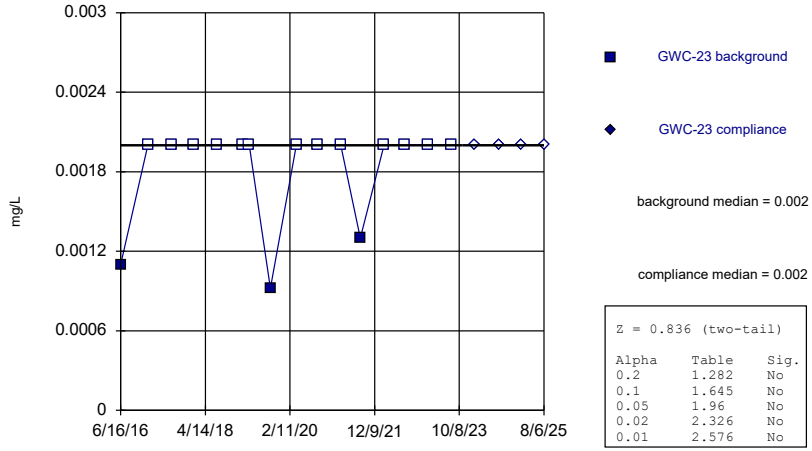
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.836 (two-tail)

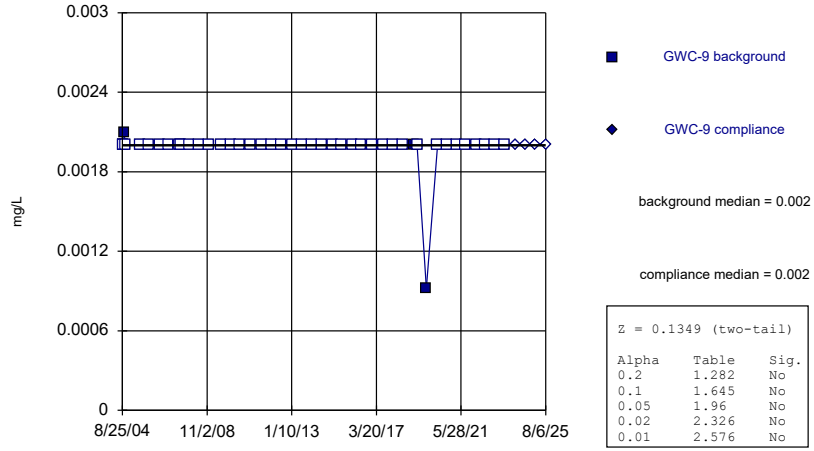
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.1349 (two-tail)

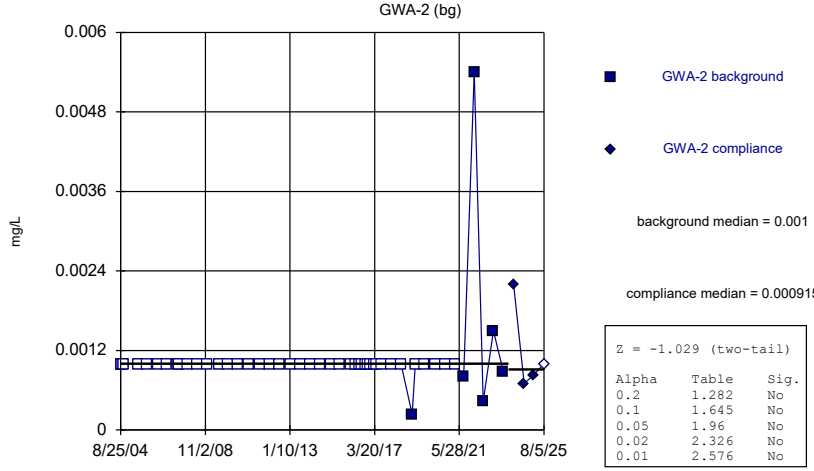
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = -1.029 (two-tail)

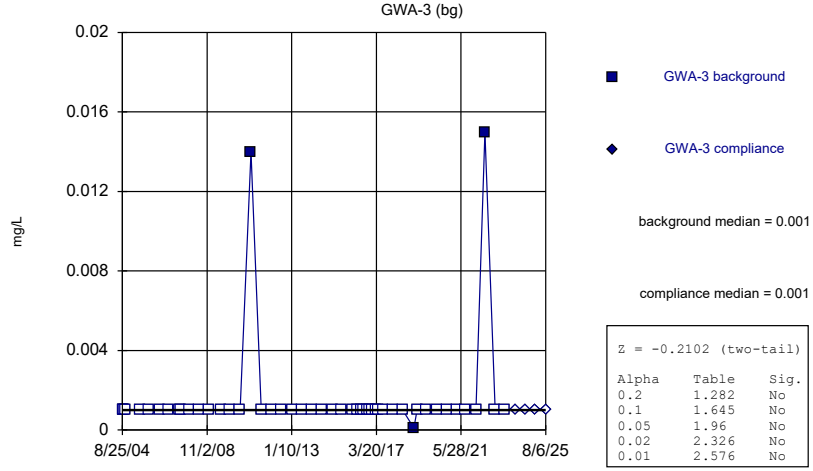
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = -0.2102 (two-tail)

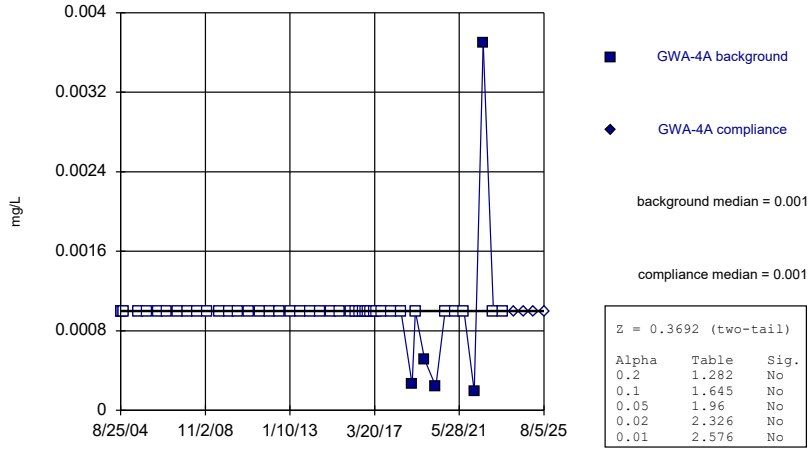
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 0.3692 (two-tail)

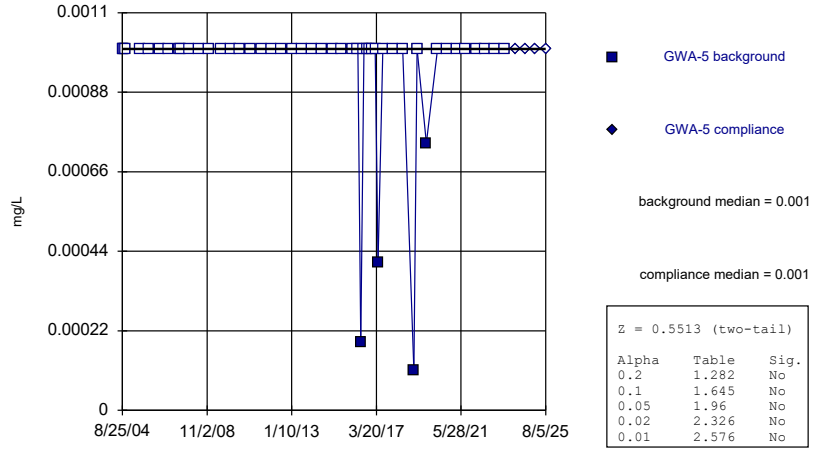
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



Z = 0.5513 (two-tail)

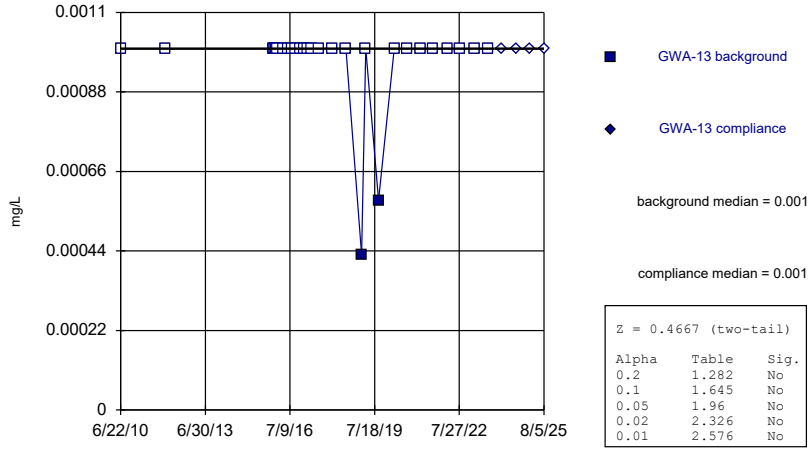
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



Z = 0.4667 (two-tail)

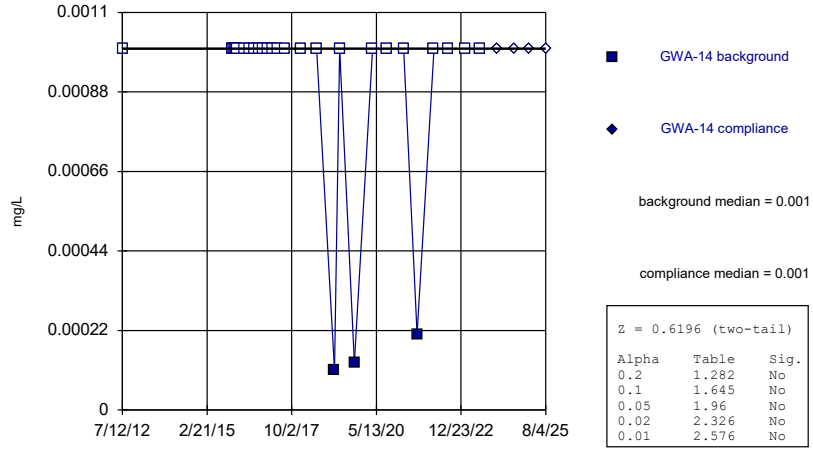
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



Z = 0.6196 (two-tail)

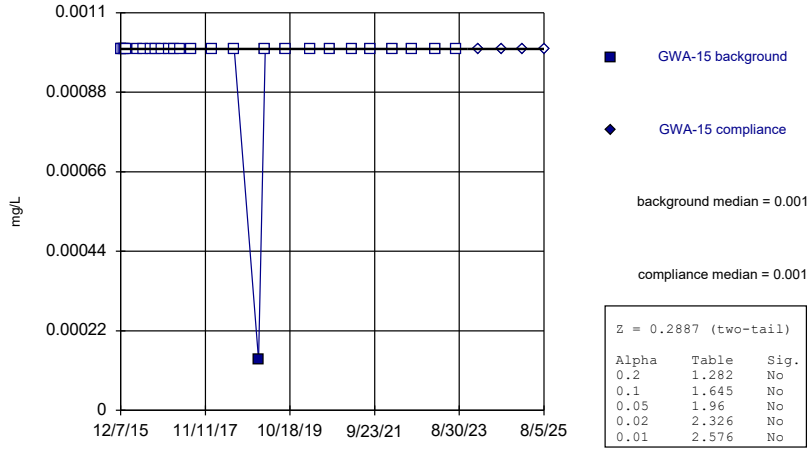
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.2887 (two-tail)

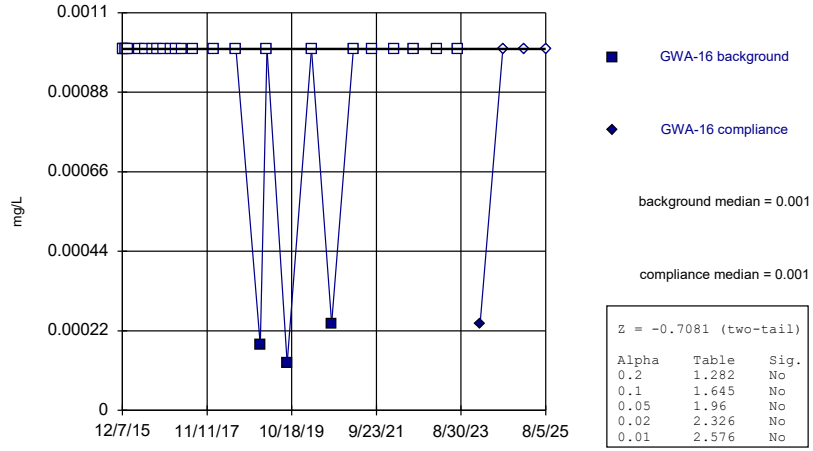
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = -0.7081 (two-tail)

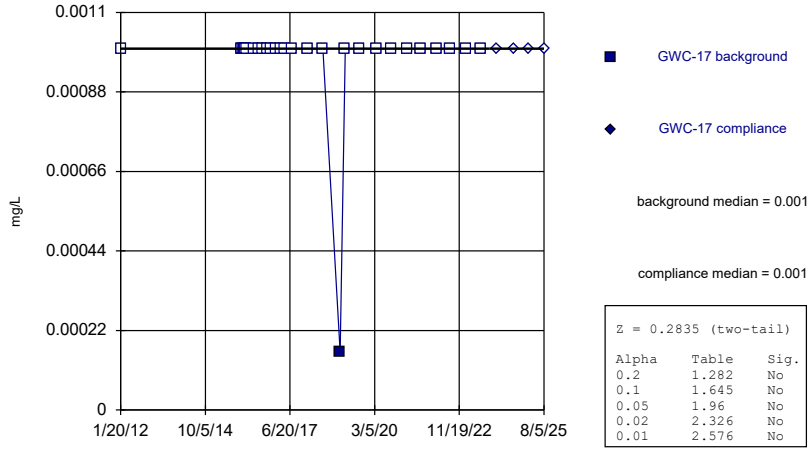
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = 0.2835 (two-tail)

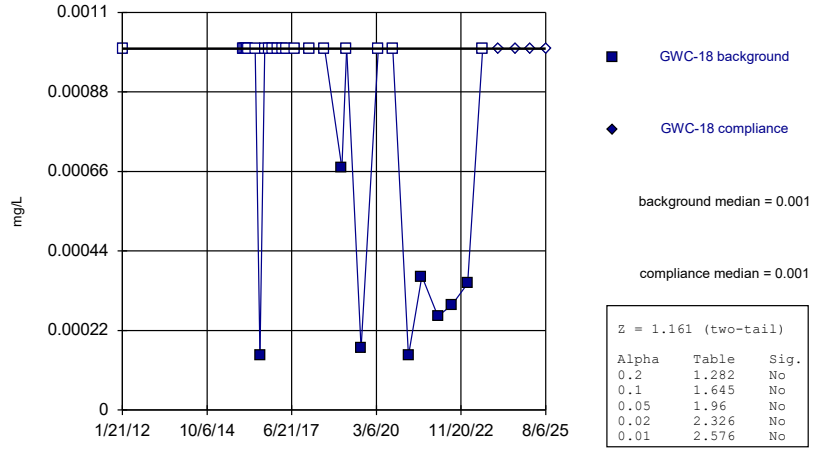
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = 1.161 (two-tail)

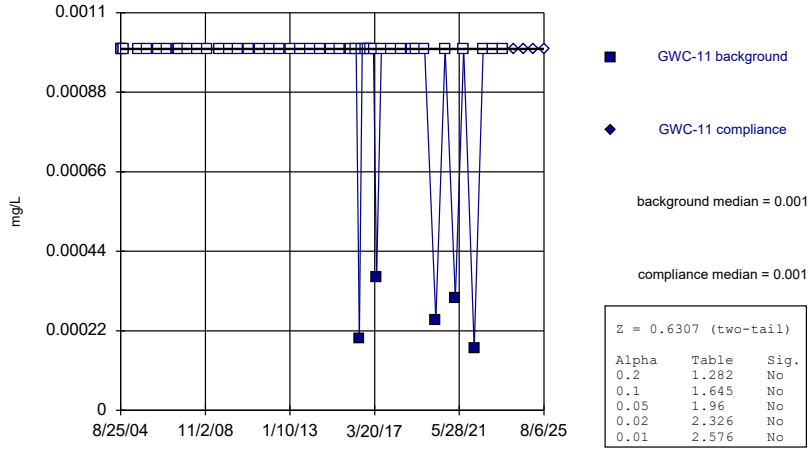
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.6307 (two-tail)

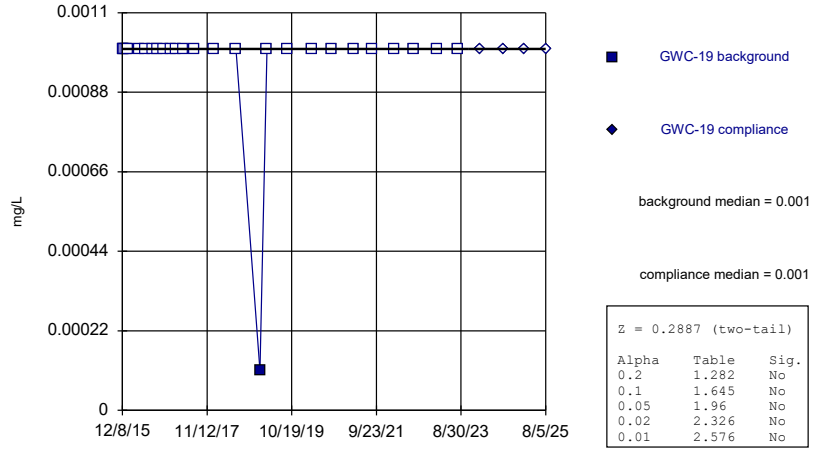
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2887 (two-tail)

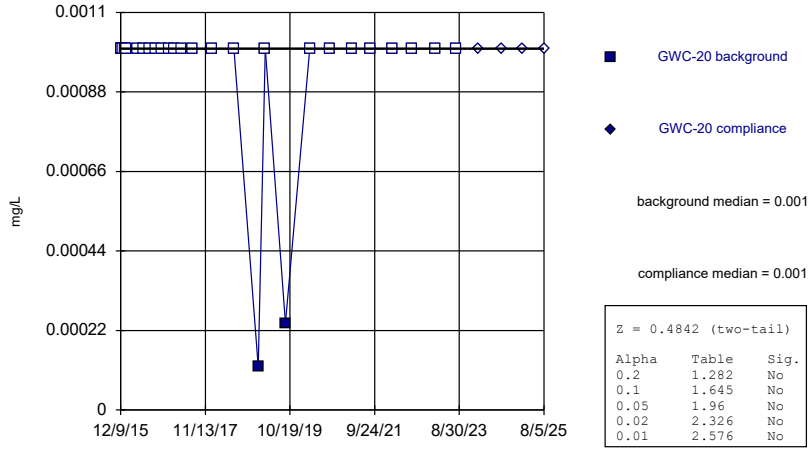
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.4842 (two-tail)

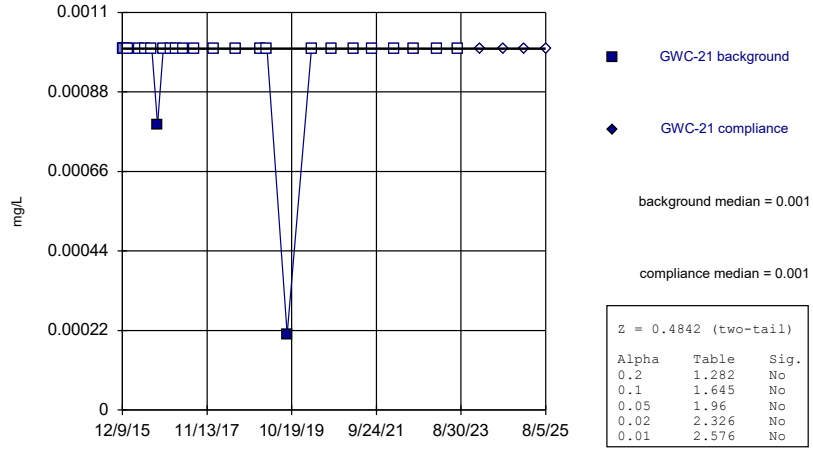
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 0.4842 (two-tail)

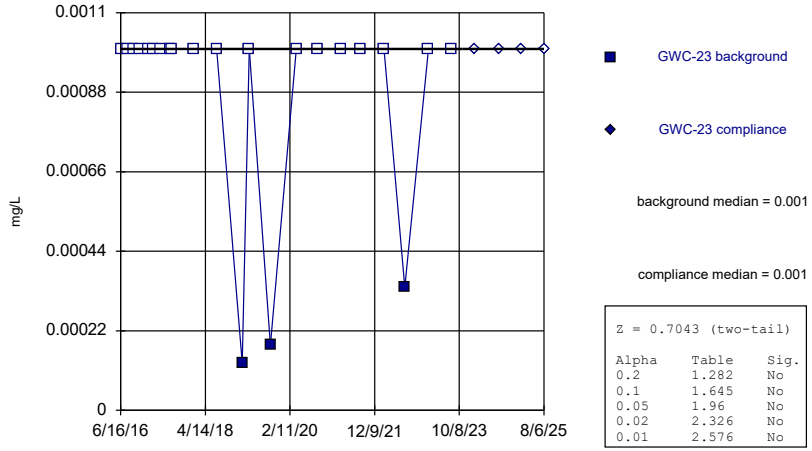
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.7043 (two-tail)

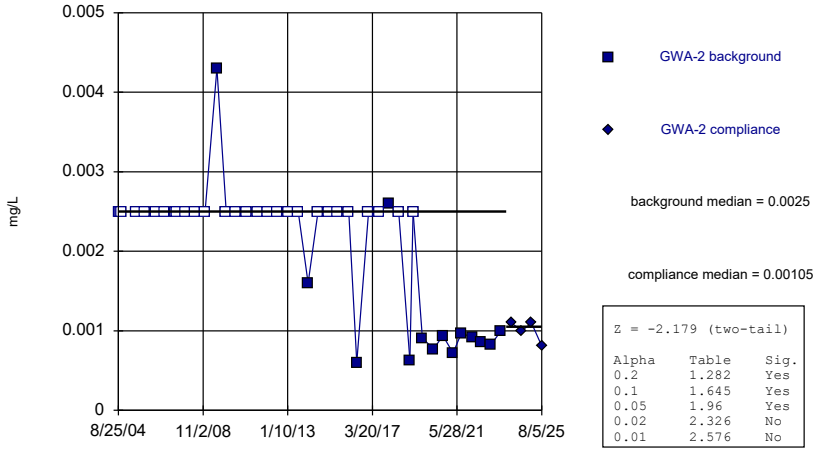
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = -2.179 (two-tail)

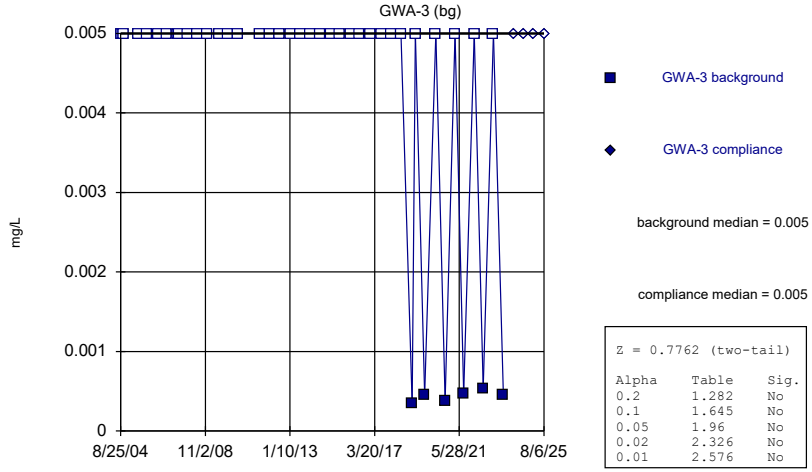
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = 0.7762 (two-tail)

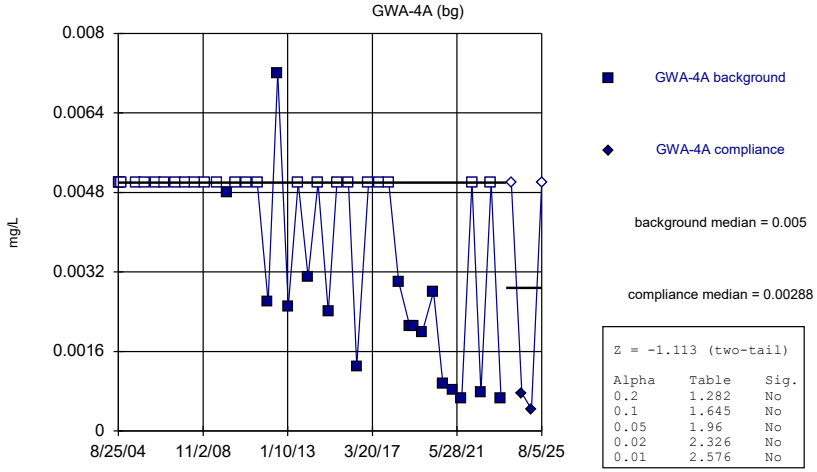
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = -1.113 (two-tail)

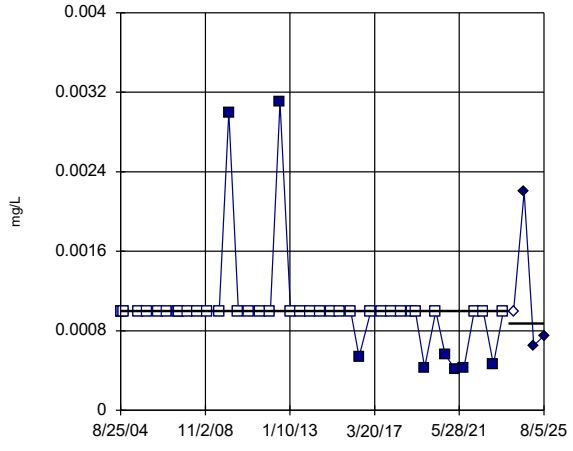
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



GWA-5 background

GWA-5 compliance

background median = 0.001

compliance median = 0.000875

Z = -0.5137 (two-tail)

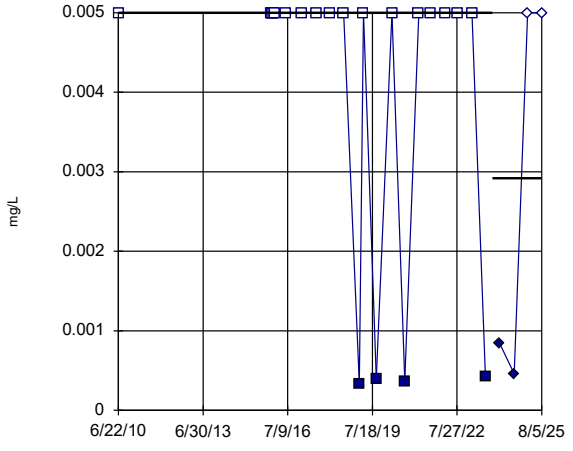
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



GWA-13 background

GWA-13 compliance

background median = 0.005

compliance median = 0.00292

Z = -1.011 (two-tail)

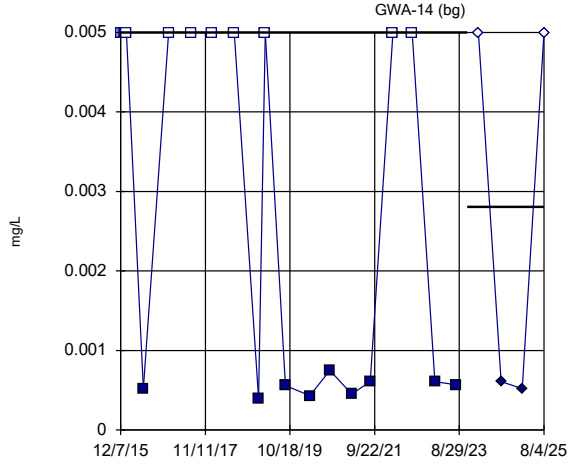
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



GWA-14 background

GWA-14 compliance

background median = 0.005

compliance median = 0.002805

Z = -0.1634 (two-tail)

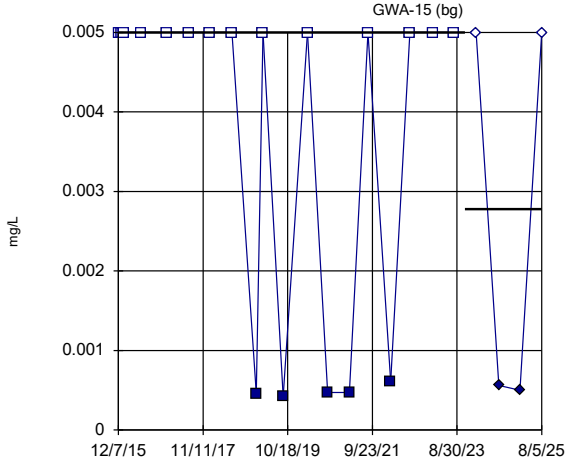
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



GWA-15 background

GWA-15 compliance

background median = 0.005

compliance median = 0.00278

Z = -0.7957 (two-tail)

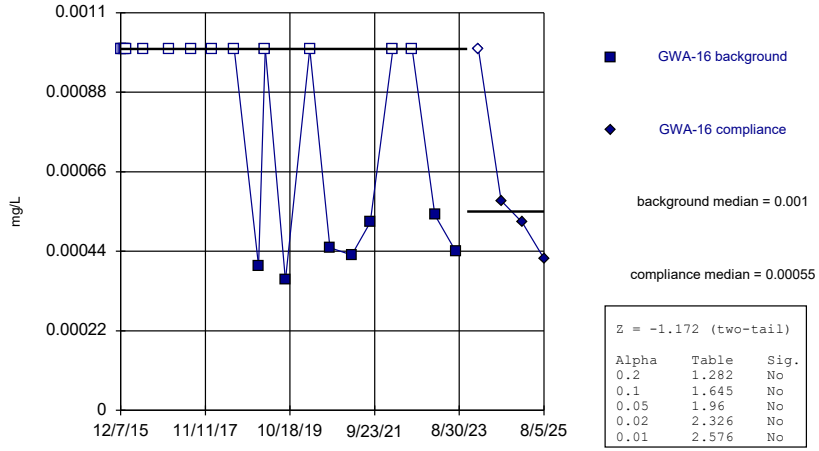
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 0.001

compliance median = 0.00055

Z = -1.172 (two-tail)

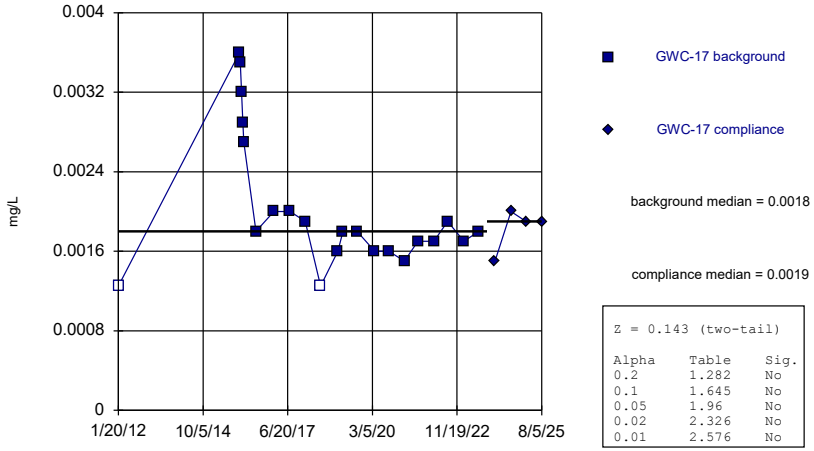
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



background median = 0.0018

compliance median = 0.0019

Z = 0.143 (two-tail)

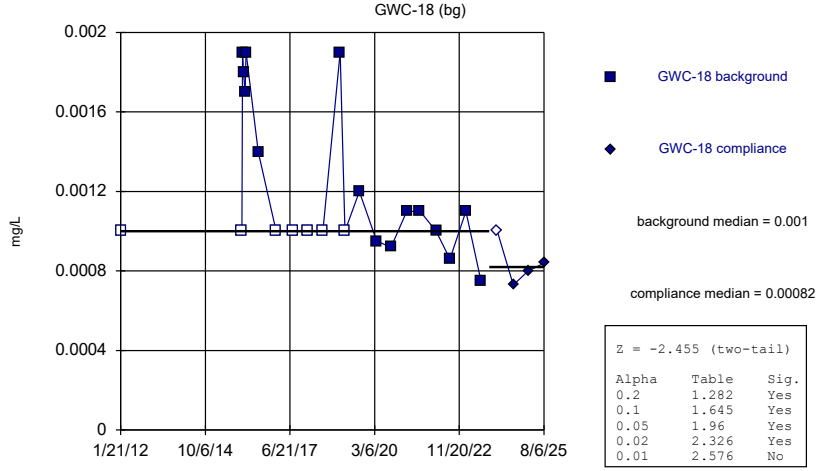
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



background median = 0.001

compliance median = 0.00082

Z = -2.455 (two-tail)

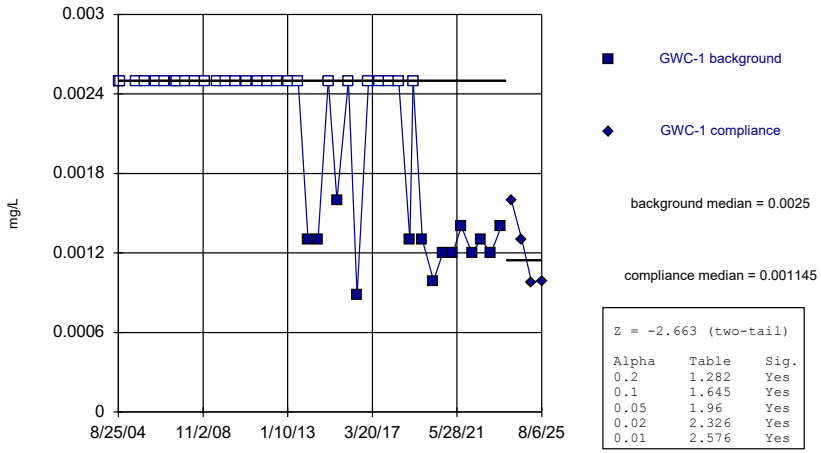
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



background median = 0.0025

compliance median = 0.001145

Z = -2.663 (two-tail)

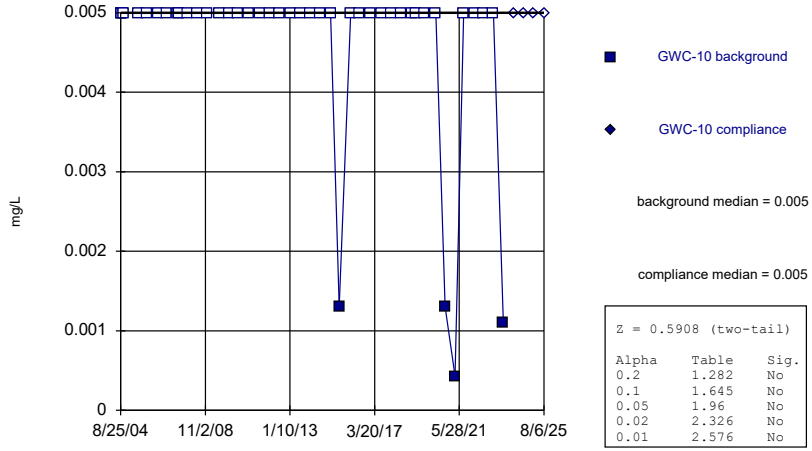
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



background median = 0.005

compliance median = 0.005

Z = 0.5908 (two-tail)

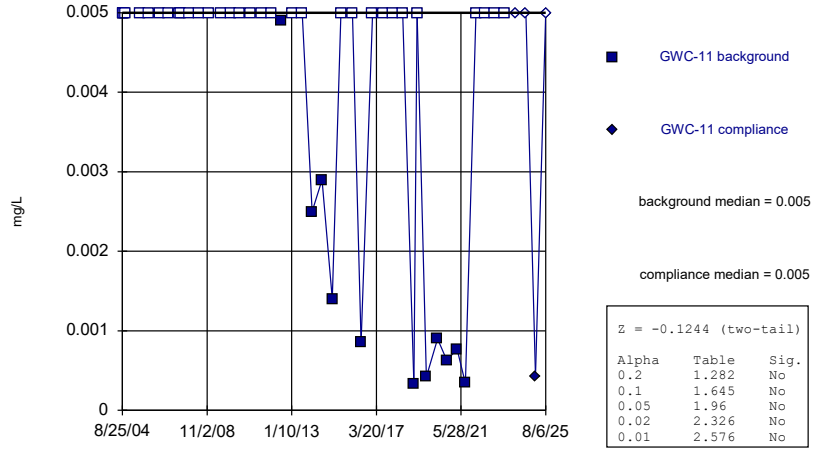
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



background median = 0.005

compliance median = 0.005

Z = -0.1244 (two-tail)

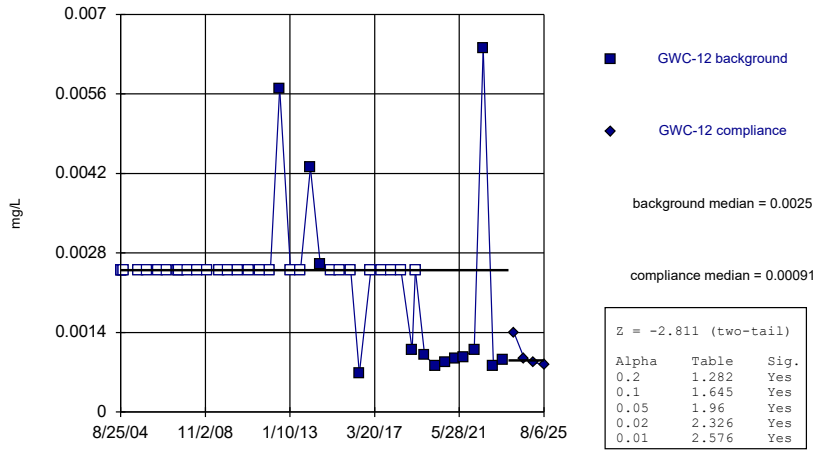
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



background median = 0.0025

compliance median = 0.00091

Z = -2.811 (two-tail)

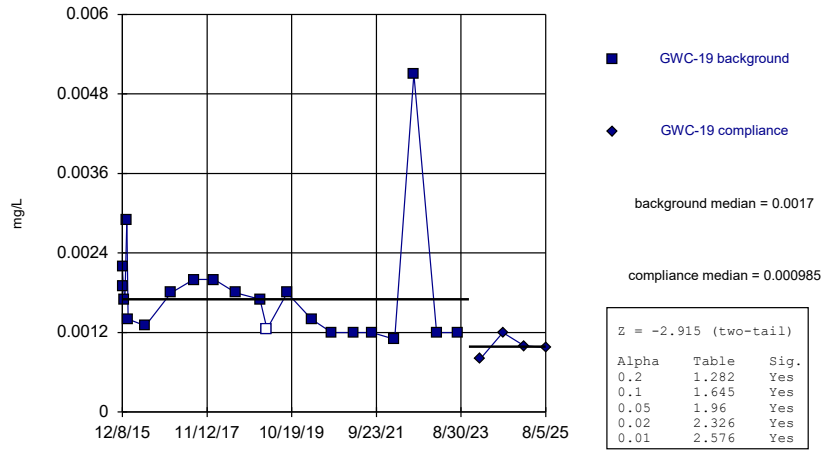
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



background median = 0.0017

compliance median = 0.000985

Z = -2.915 (two-tail)

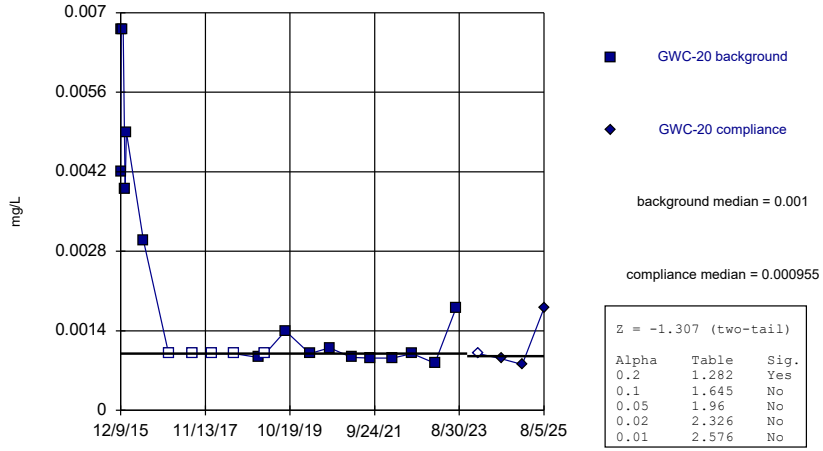
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -1.307 (two-tail)

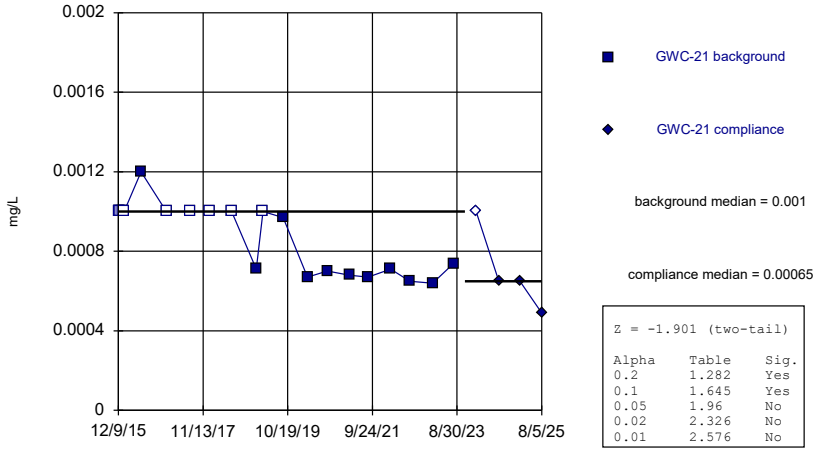
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = -1.901 (two-tail)

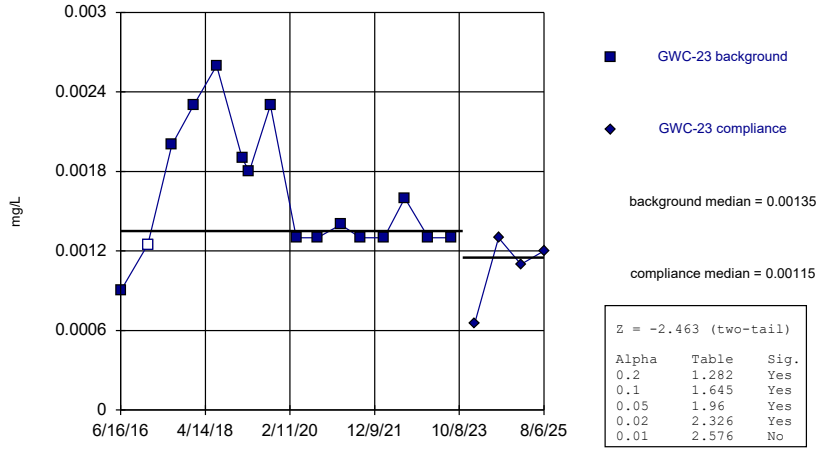
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = -2.463 (two-tail)

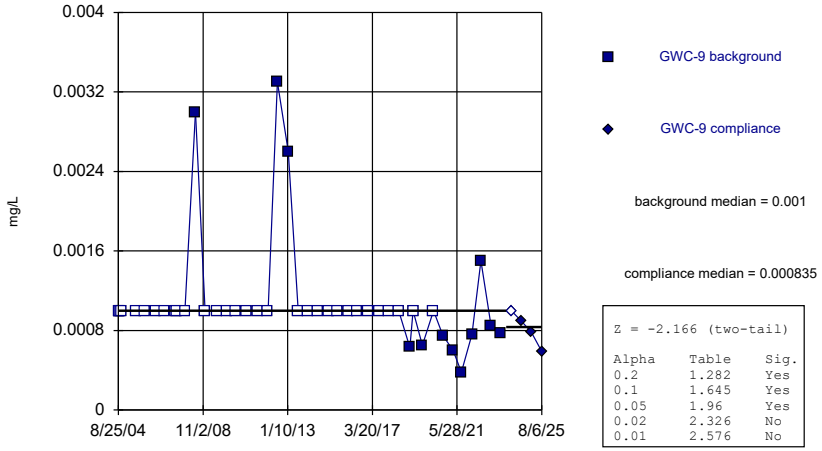
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -2.166 (two-tail)

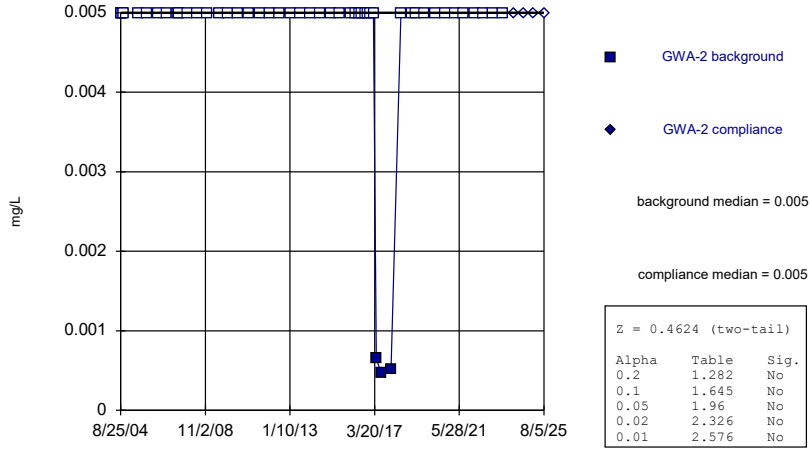
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 4/16/2026 9:39 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = 0.4624 (two-tail)

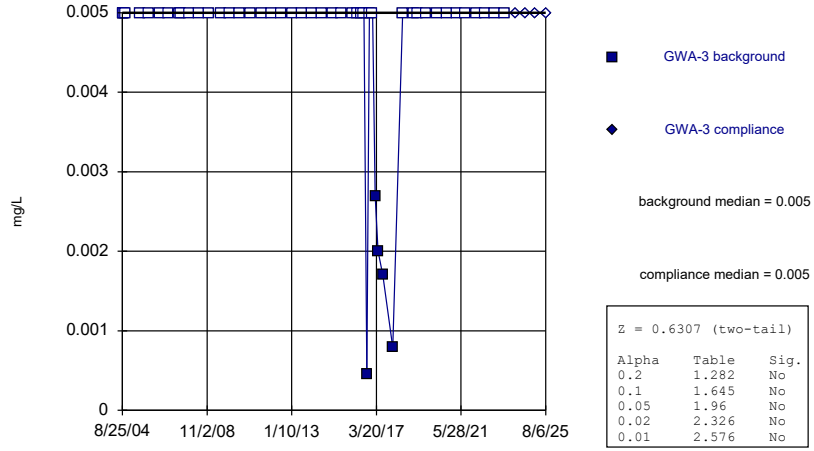
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = 0.6307 (two-tail)

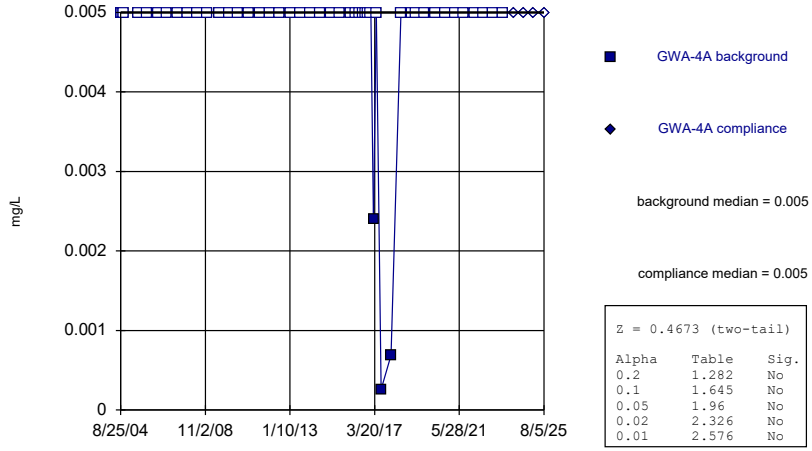
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 0.4673 (two-tail)

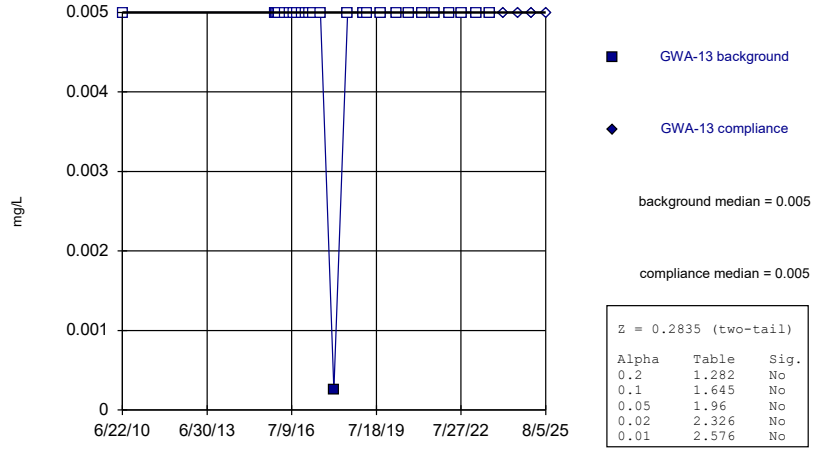
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



Z = 0.2835 (two-tail)

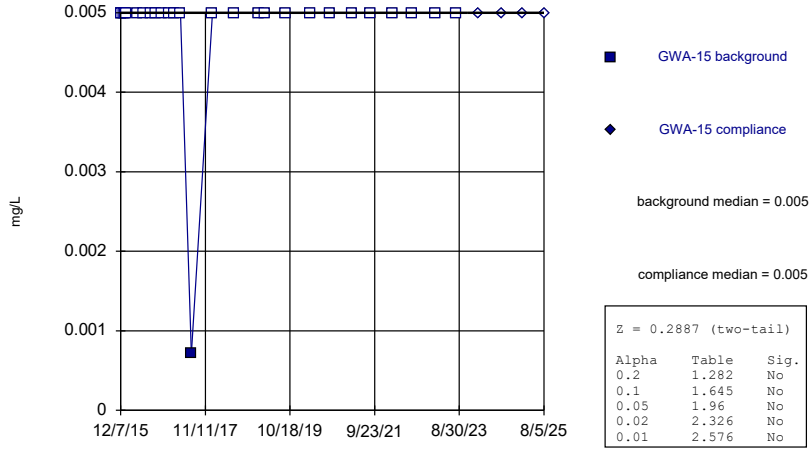
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2887 (two-tail)

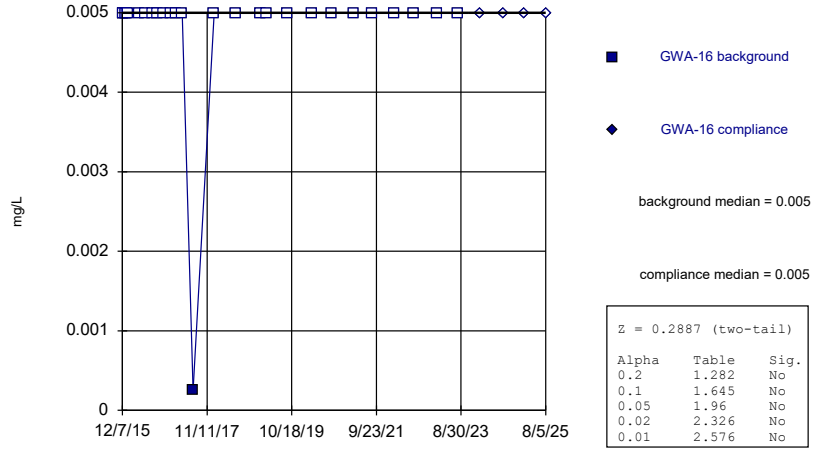
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2887 (two-tail)

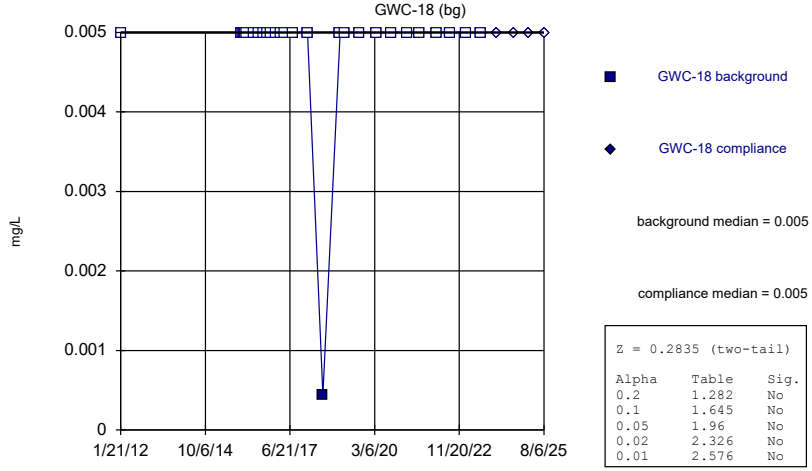
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.2835 (two-tail)

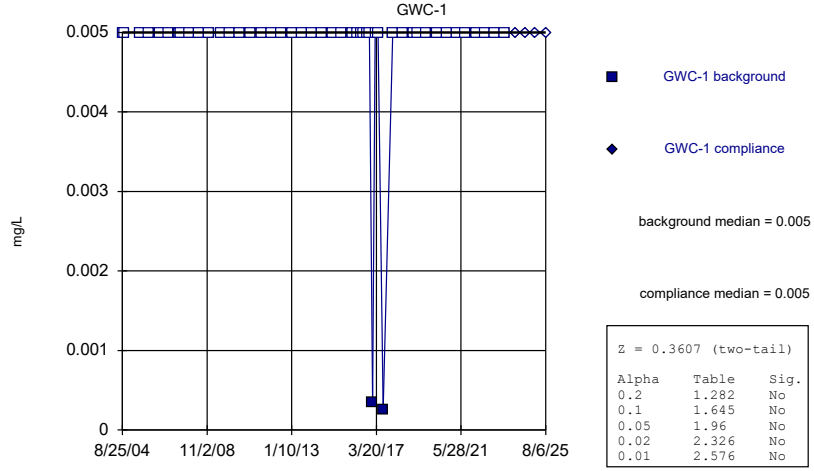
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



background median = 0.005

compliance median = 0.005

Z = 0.3607 (two-tail)

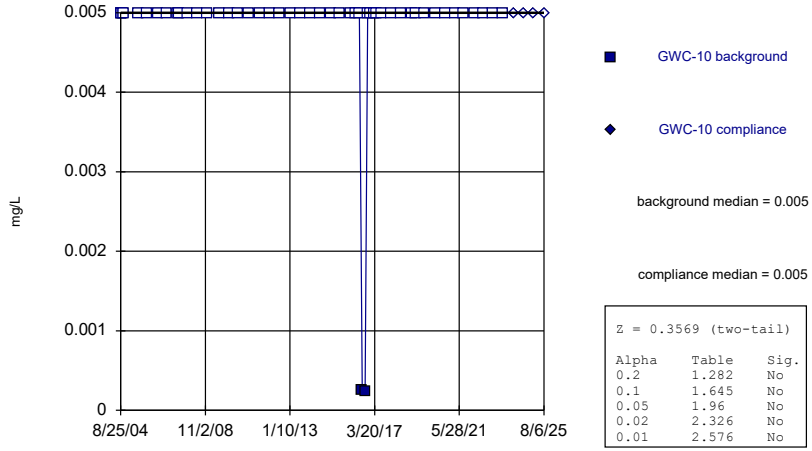
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.3569 (two-tail)

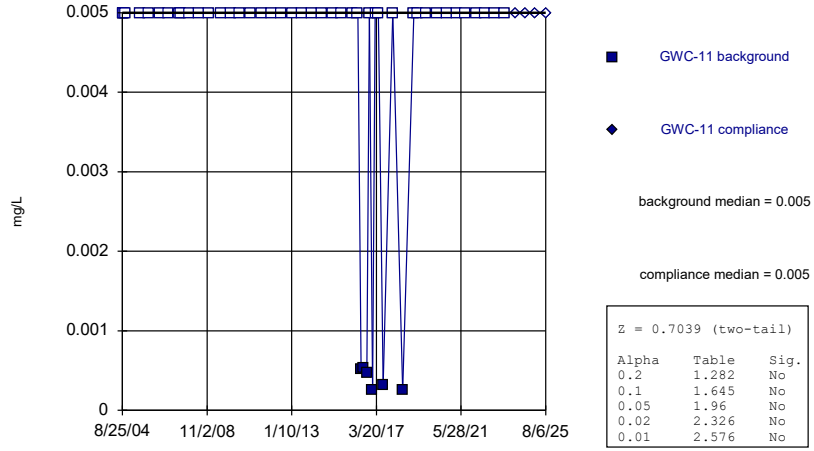
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.7039 (two-tail)

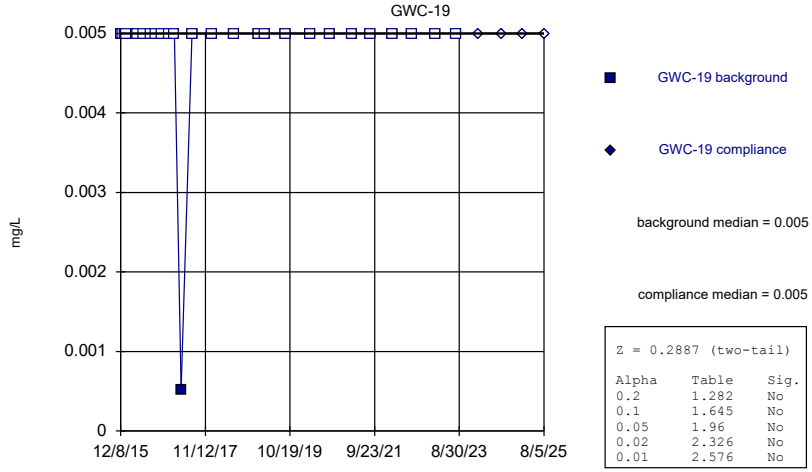
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2887 (two-tail)

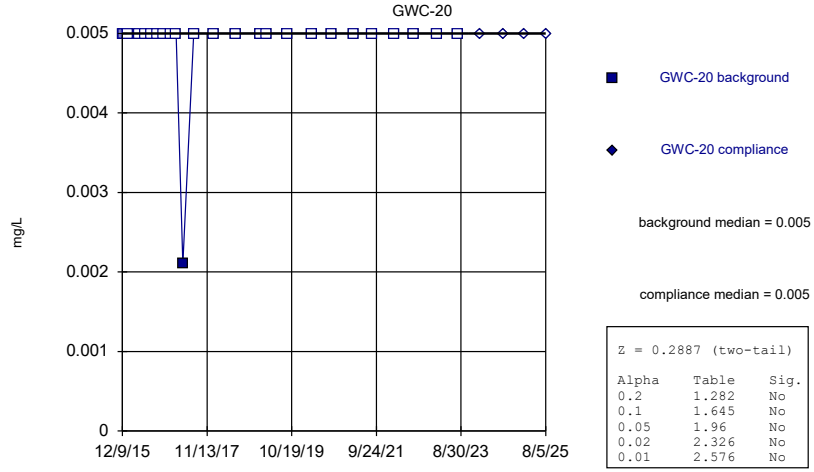
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.2887 (two-tail)

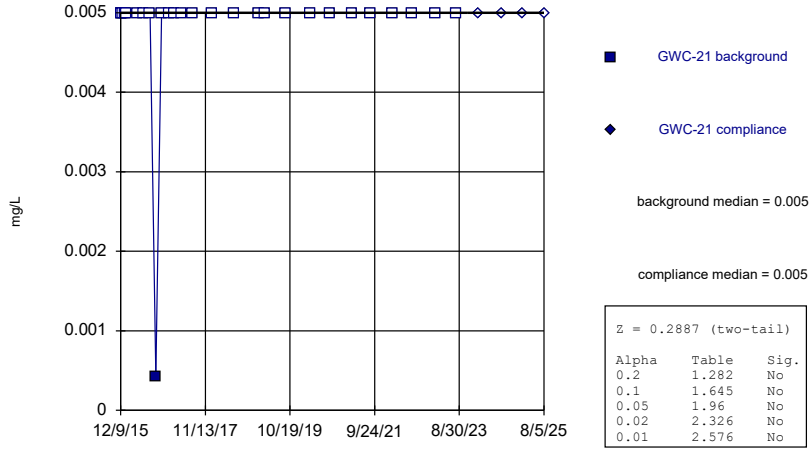
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 0.2887 (two-tail)

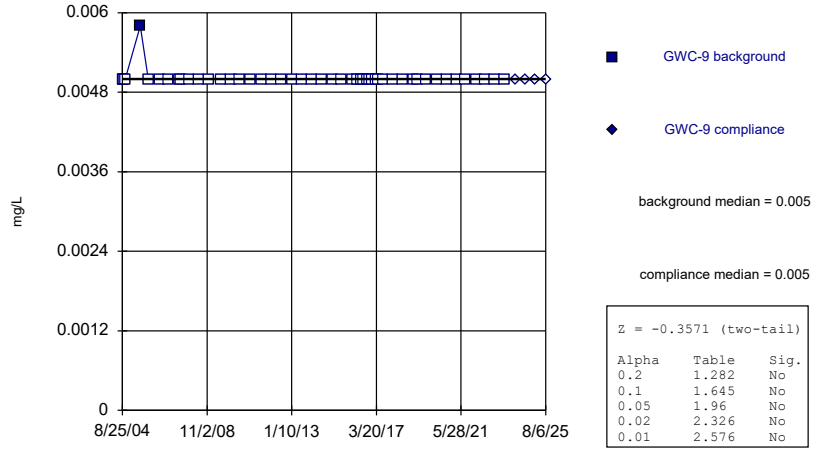
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -0.3571 (two-tail)

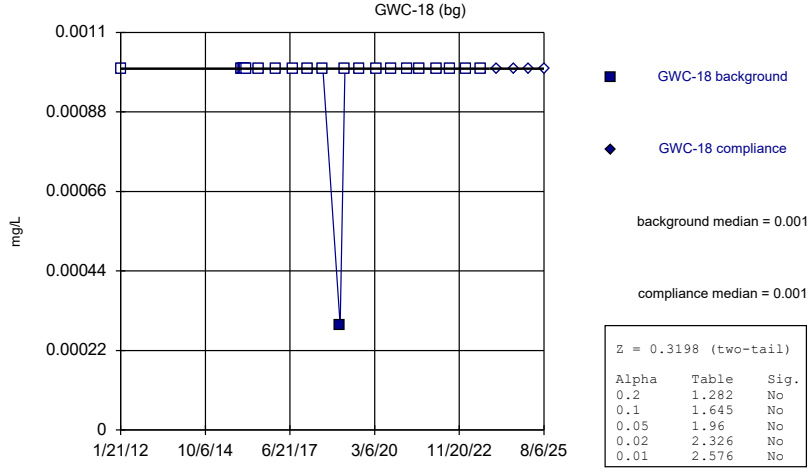
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = 0.3198 (two-tail)

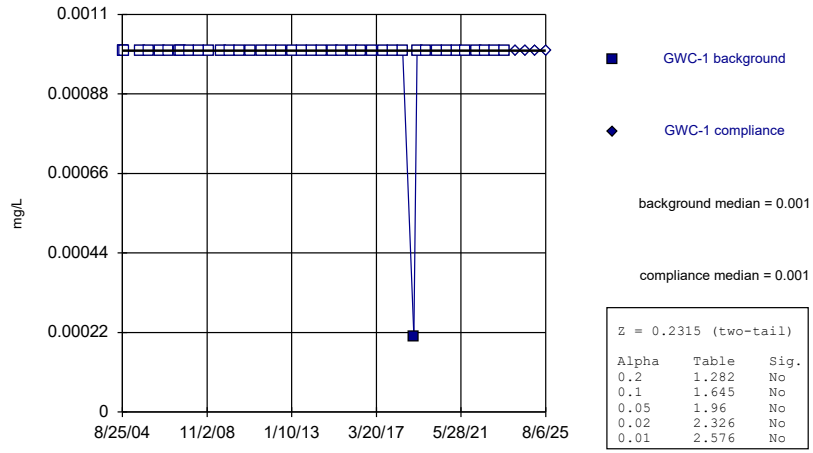
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Silver Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.2315 (two-tail)

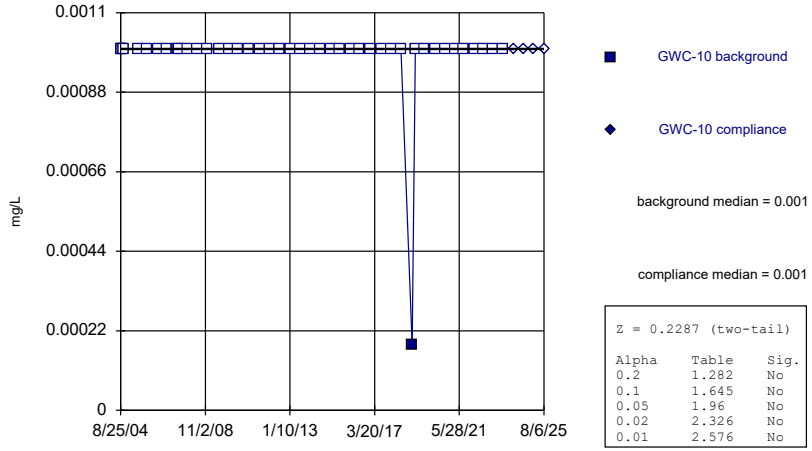
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Silver Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.2287 (two-tail)

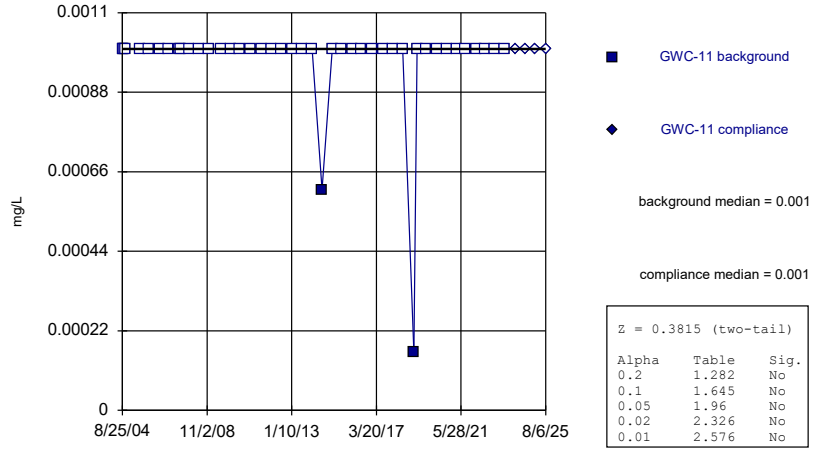
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Silver Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.3815 (two-tail)

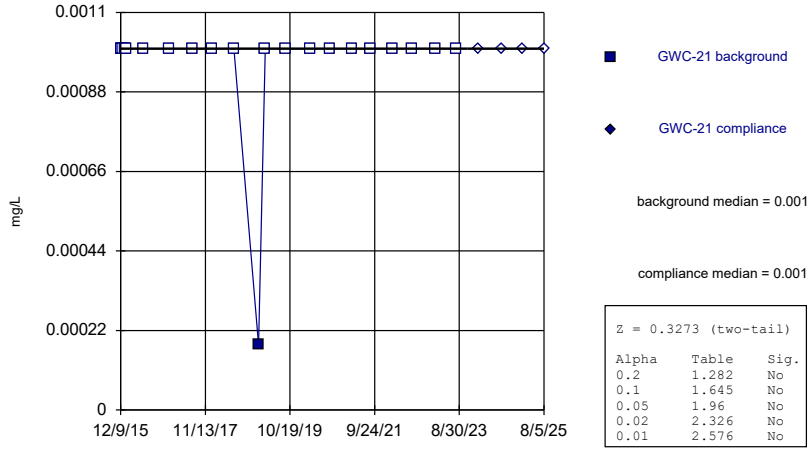
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Silver Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 0.3273 (two-tail)

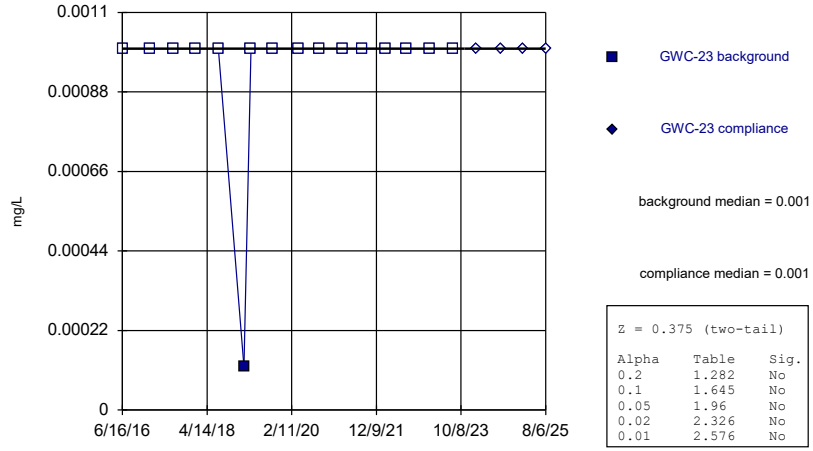
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Silver Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.375 (two-tail)

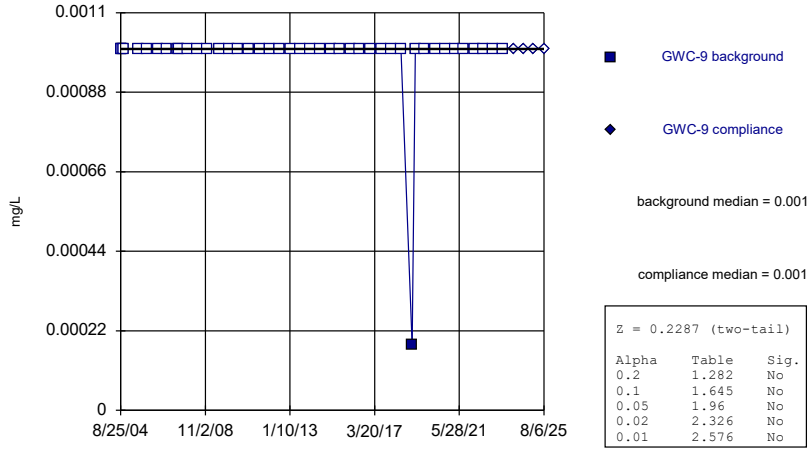
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Silver Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2287 (two-tail)

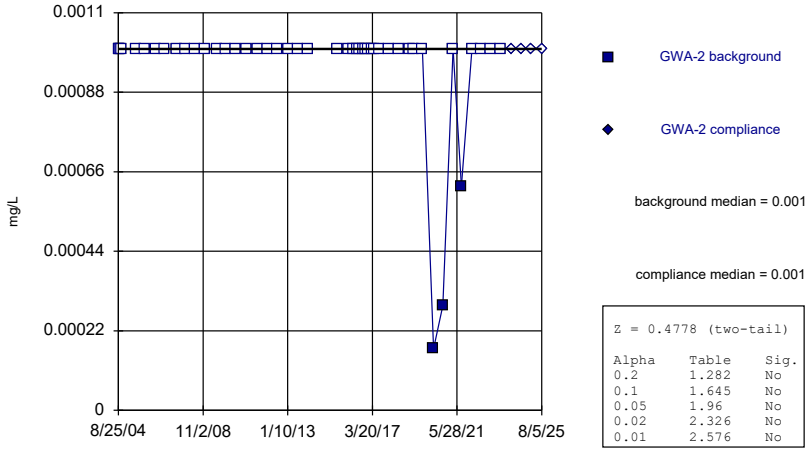
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Silver Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = 0.4778 (two-tail)

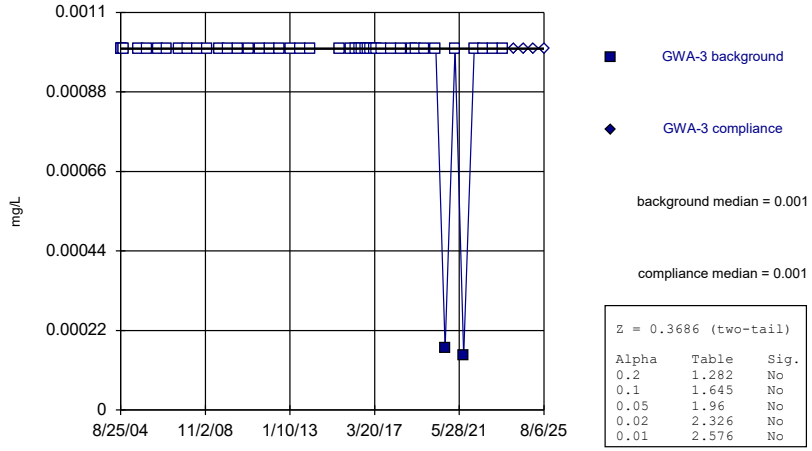
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = 0.3686 (two-tail)

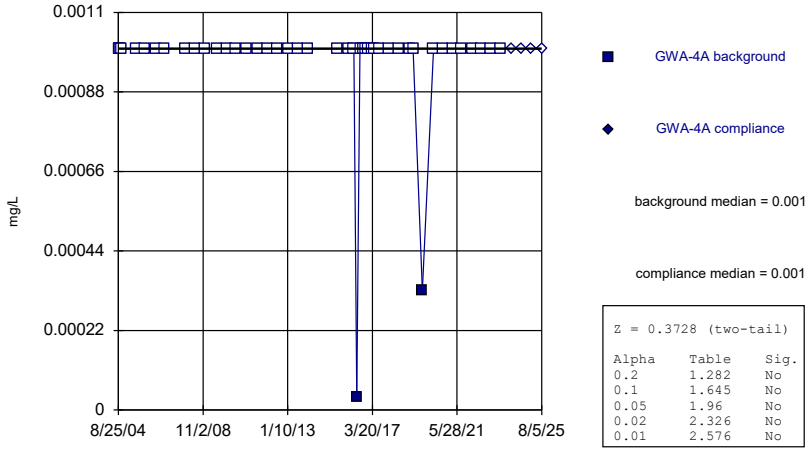
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 0.3728 (two-tail)

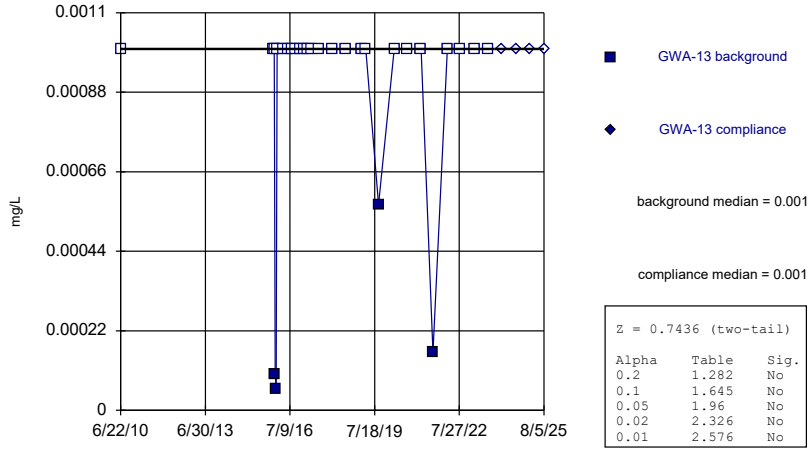
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



Z = 0.7436 (two-tail)

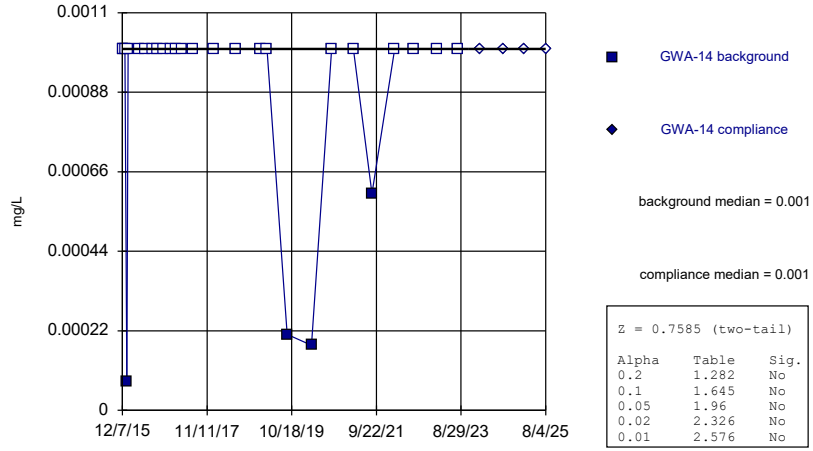
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



Z = 0.7585 (two-tail)

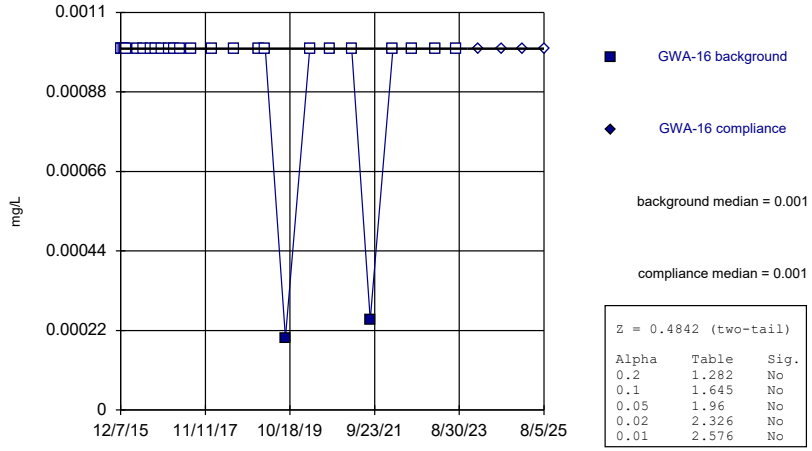
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.4842 (two-tail)

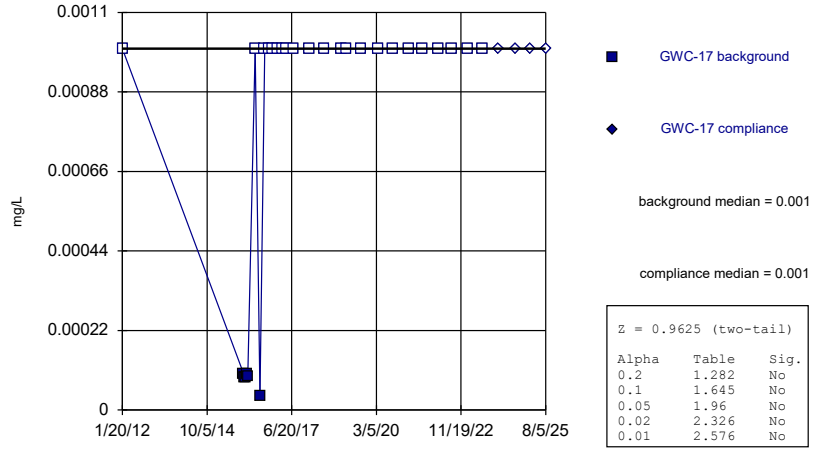
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = 0.9625 (two-tail)

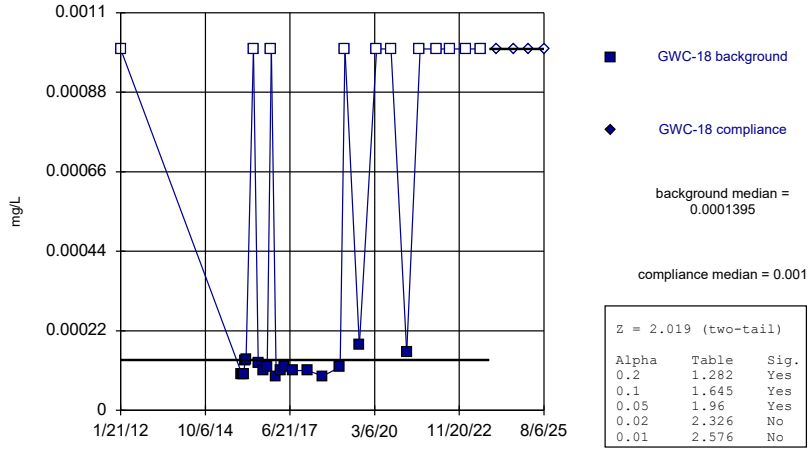
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = 2.019 (two-tail)

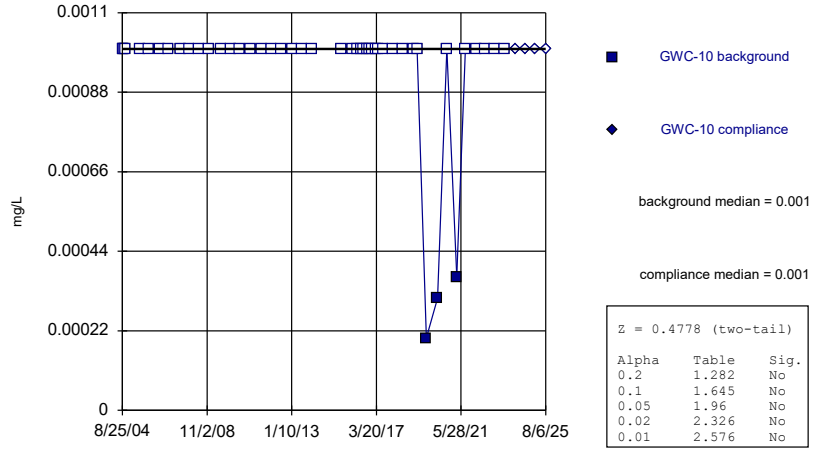
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.4778 (two-tail)

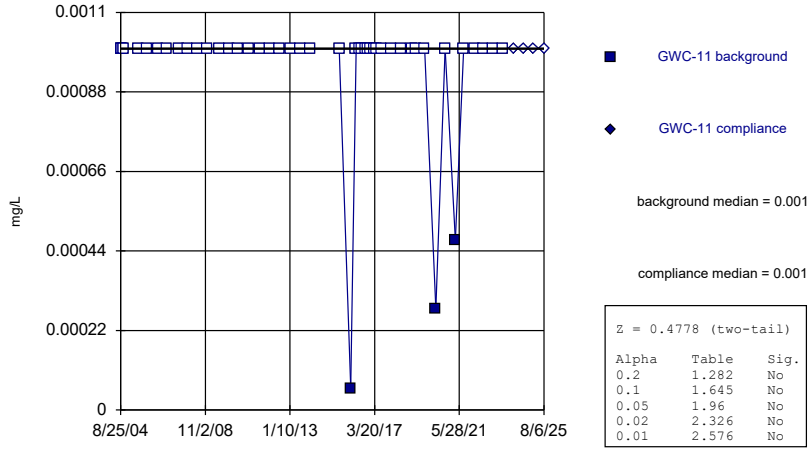
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.4778 (two-tail)

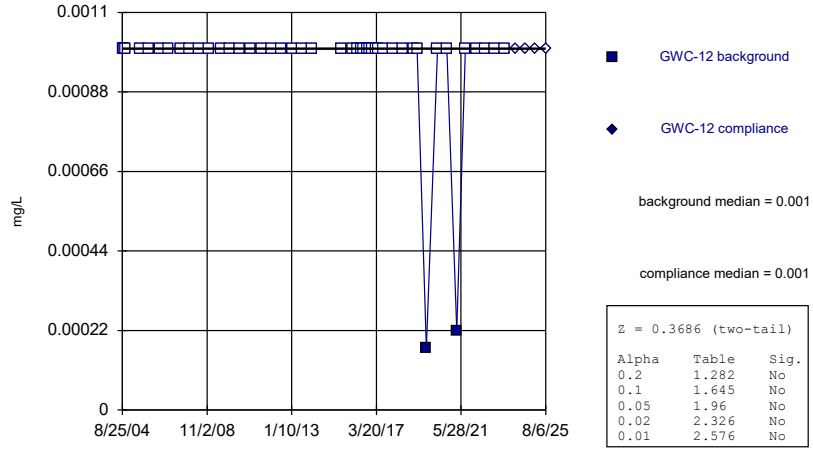
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.3686 (two-tail)

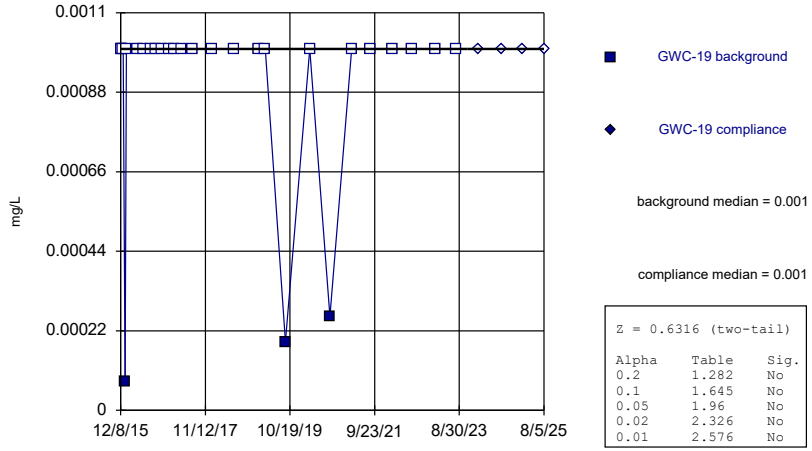
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.6316 (two-tail)

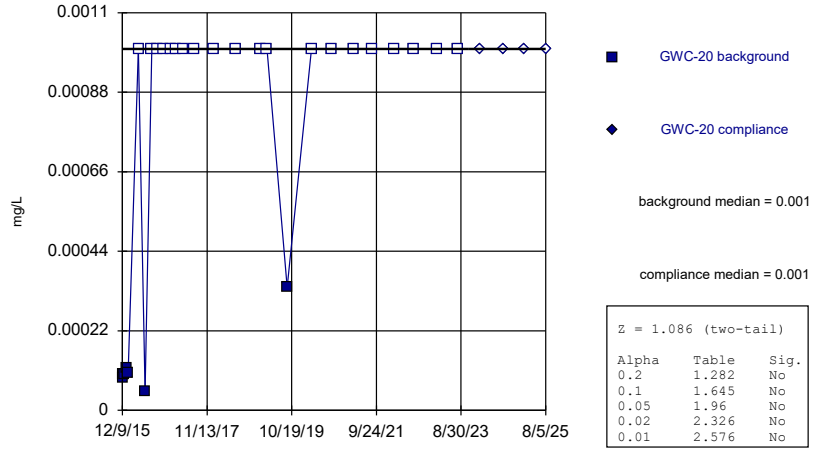
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 1.086 (two-tail)

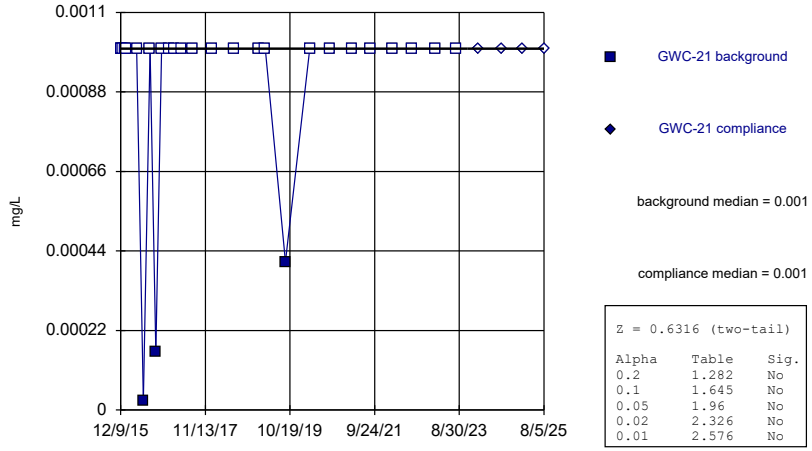
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 0.6316 (two-tail)

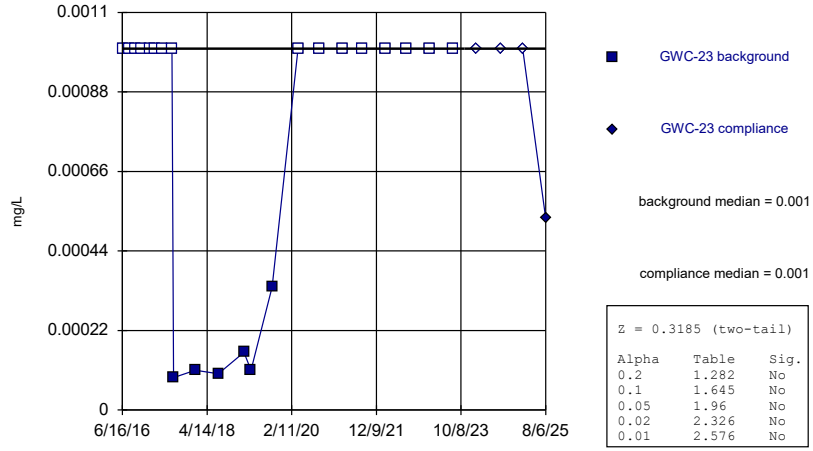
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.3185 (two-tail)

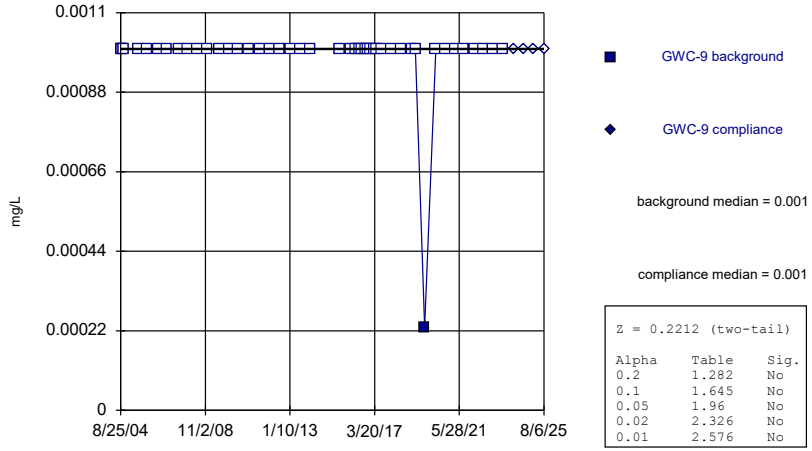
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2212 (two-tail)

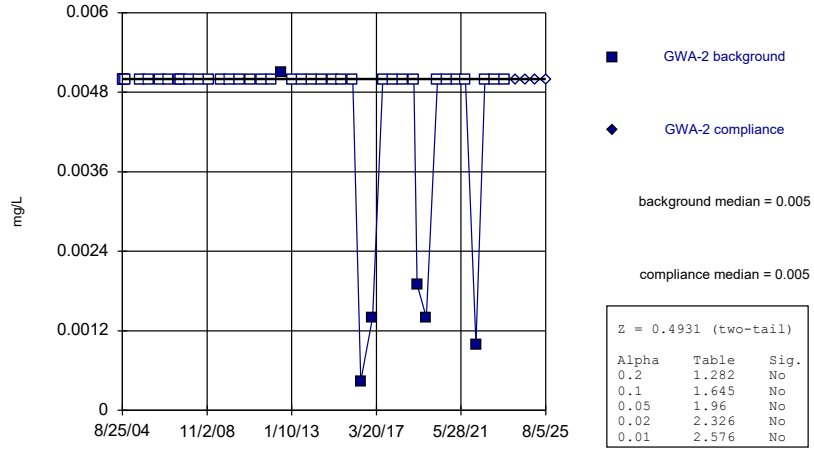
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = 0.4931 (two-tail)

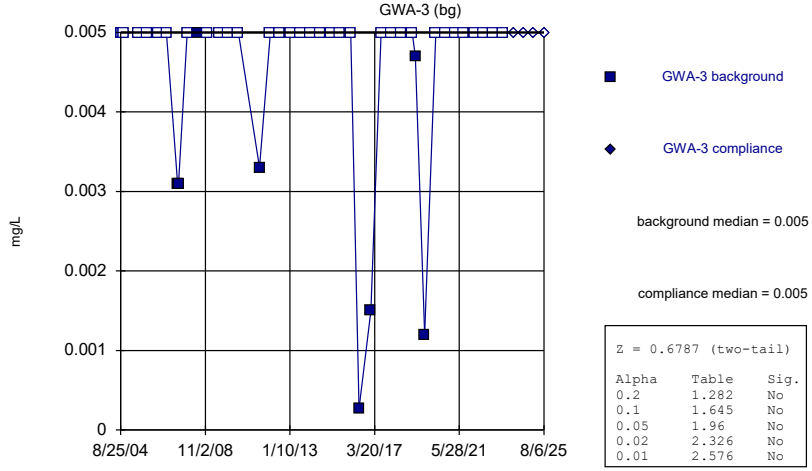
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = 0.6787 (two-tail)

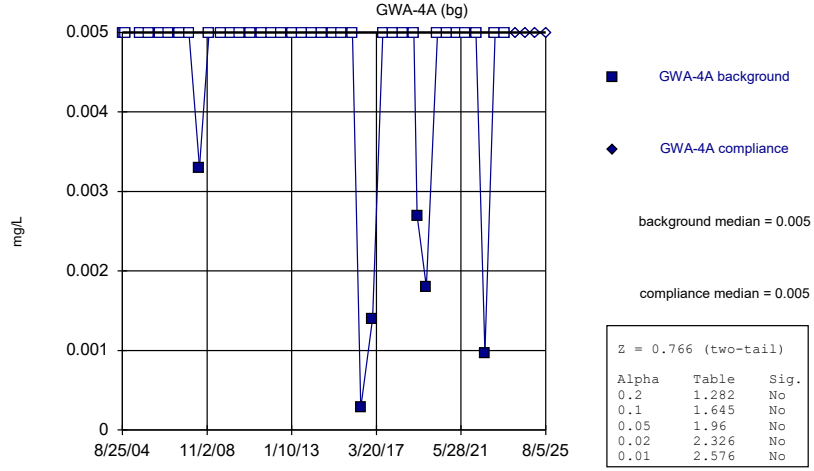
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = 0.766 (two-tail)

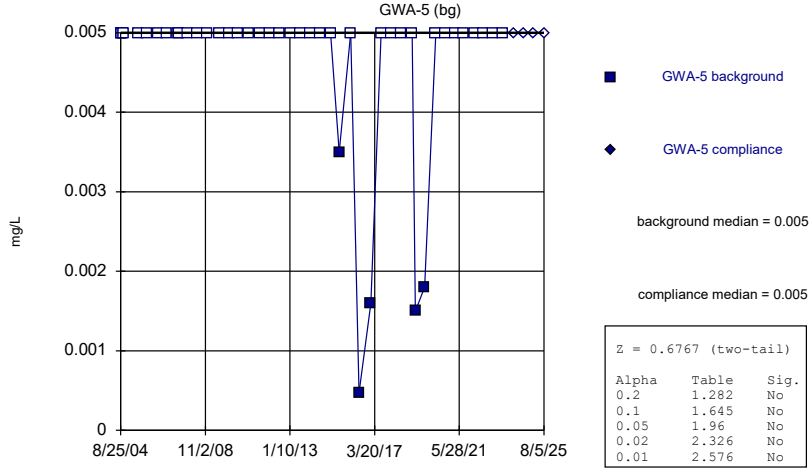
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.6767 (two-tail)

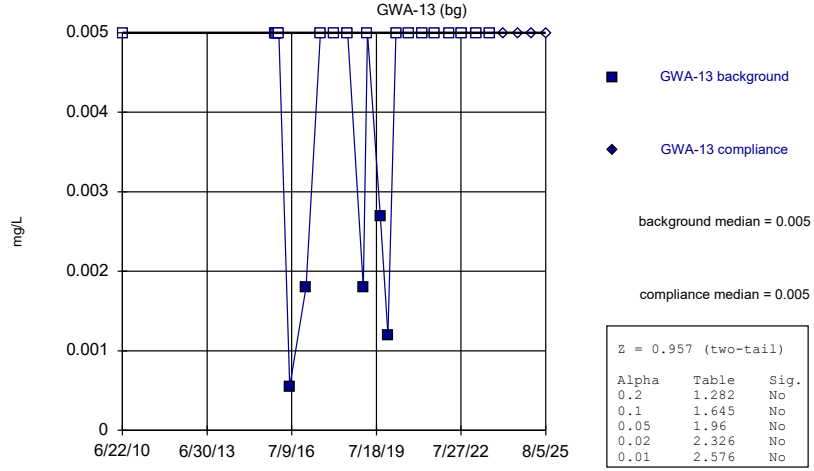
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.957 (two-tail)

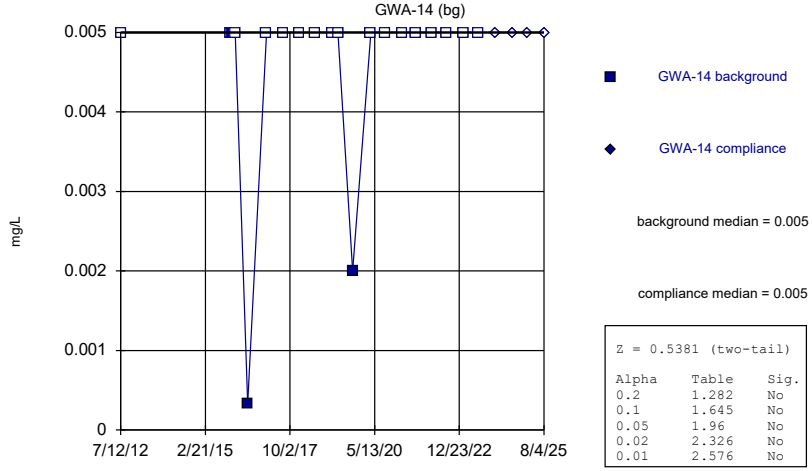
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.5381 (two-tail)

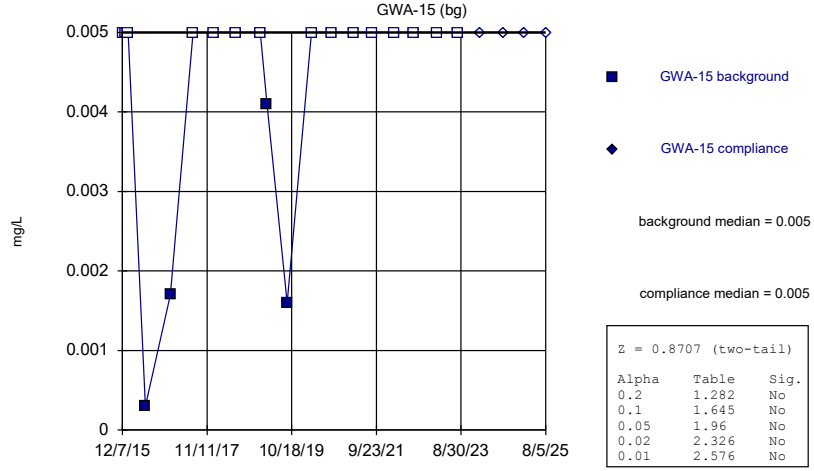
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:40 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.8707 (two-tail)

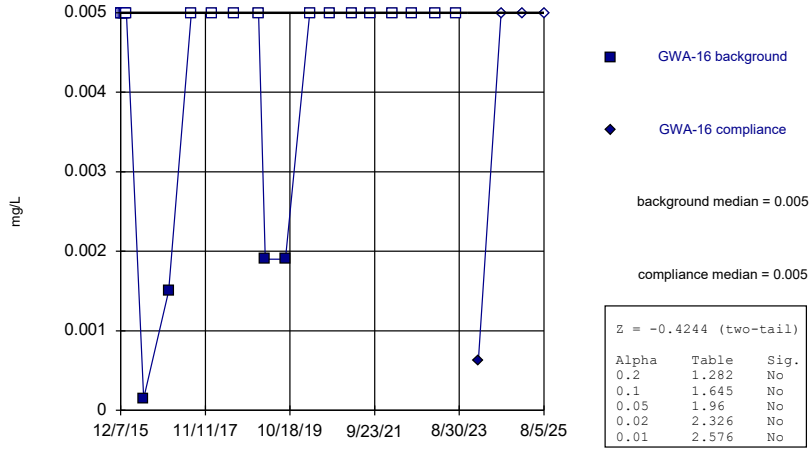
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 0.005

compliance median = 0.005

Z = -0.4244 (two-tail)

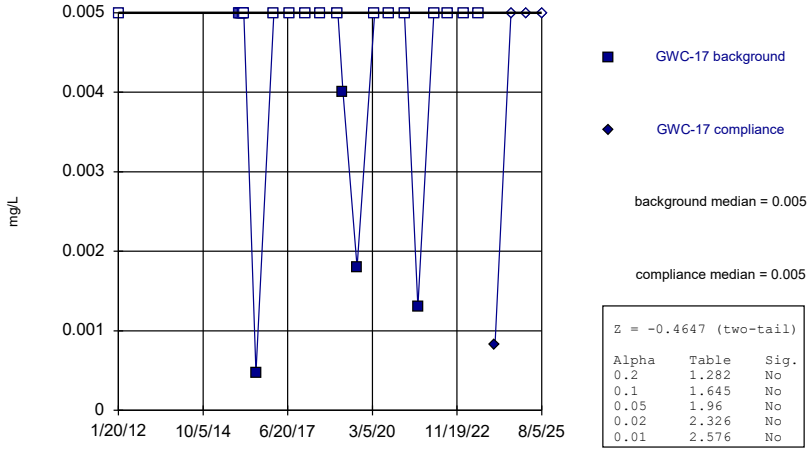
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



background median = 0.005

compliance median = 0.005

Z = -0.4647 (two-tail)

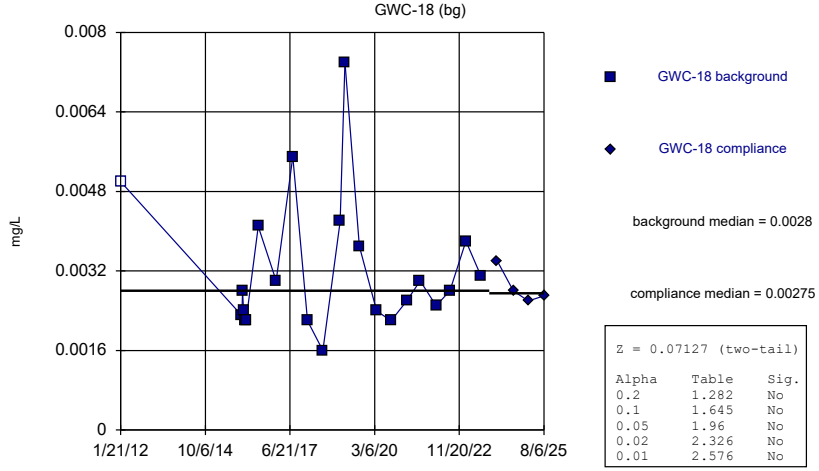
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



background median = 0.0028

compliance median = 0.00275

Z = 0.07127 (two-tail)

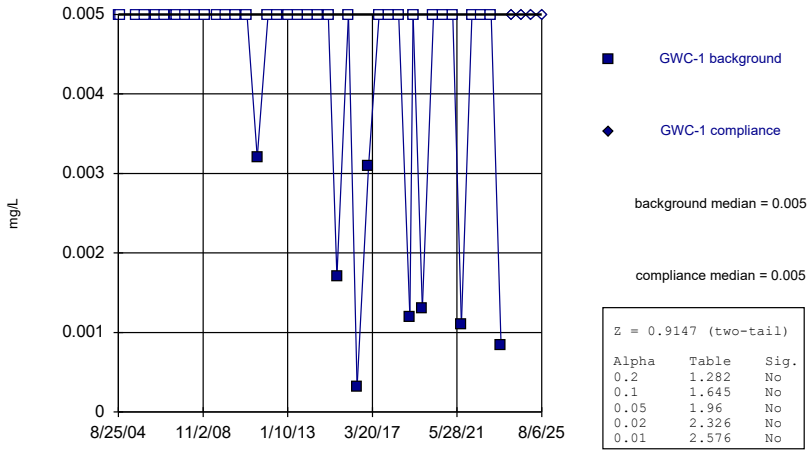
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



background median = 0.005

compliance median = 0.005

Z = 0.9147 (two-tail)

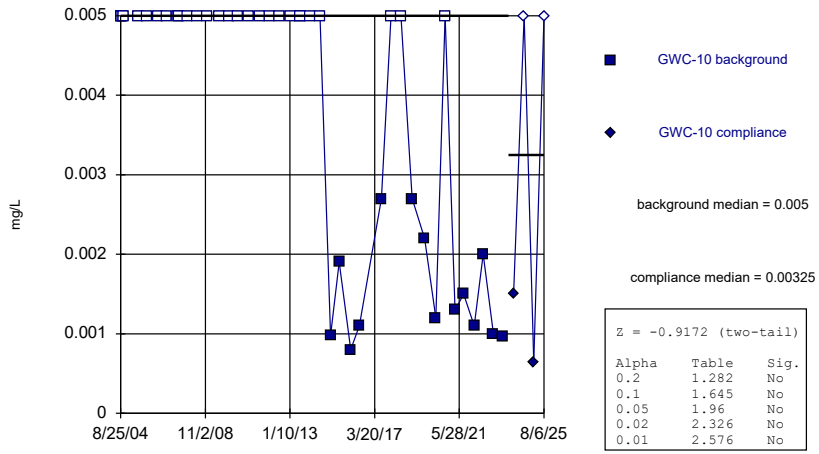
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



background median = 0.005

compliance median = 0.00325

Z = -0.9172 (two-tail)

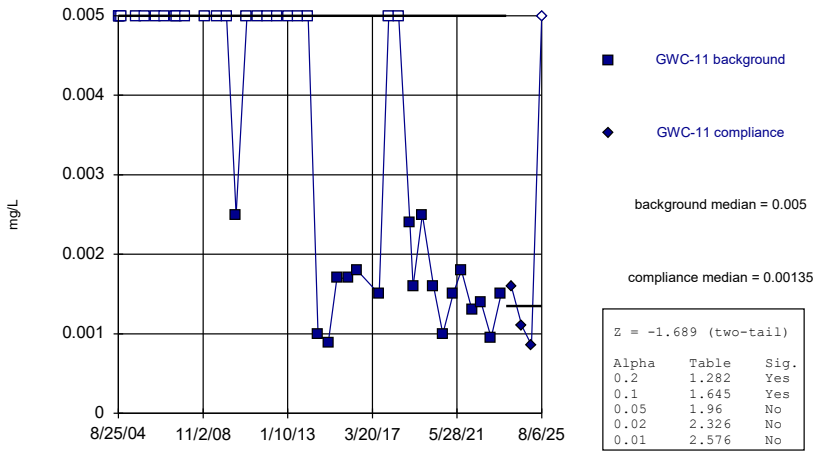
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



background median = 0.005

compliance median = 0.00135

Z = -1.689 (two-tail)

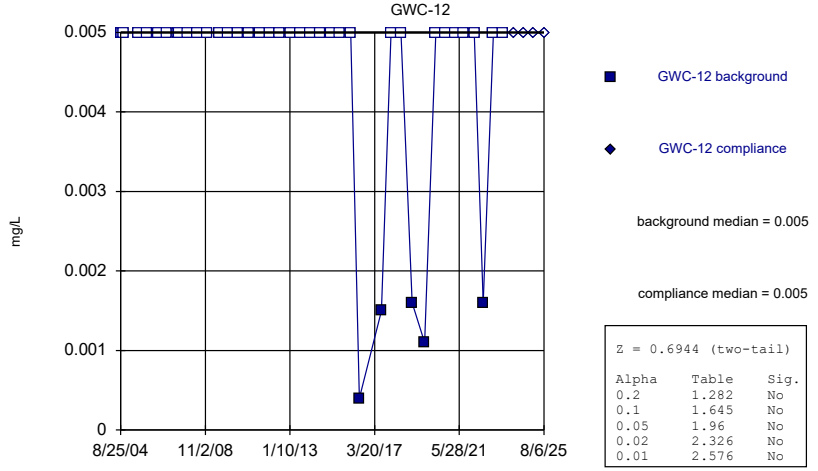
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



background median = 0.005

compliance median = 0.005

Z = 0.6944 (two-tail)

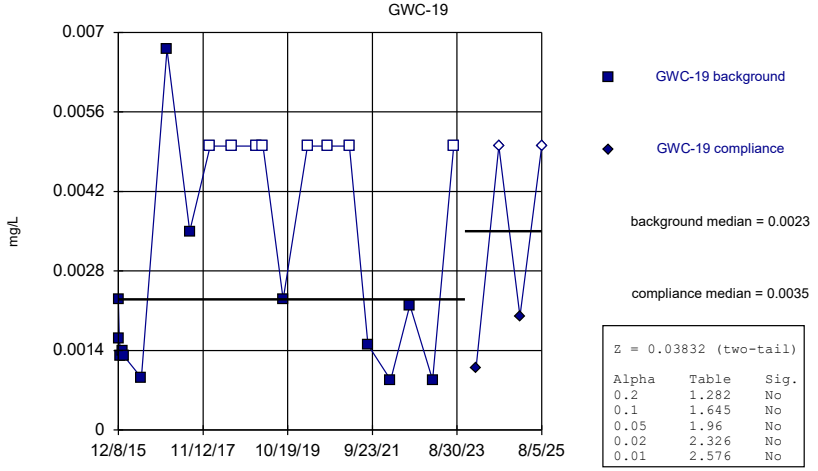
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



background median = 0.0023

compliance median = 0.0035

Z = 0.03832 (two-tail)

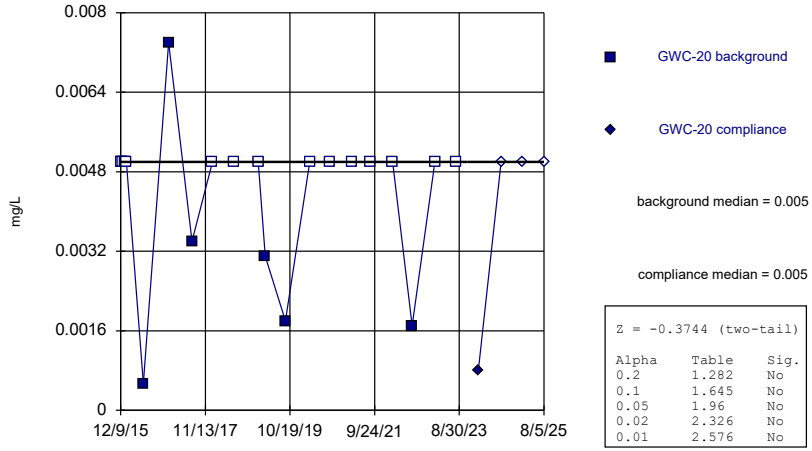
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -0.3744 (two-tail)

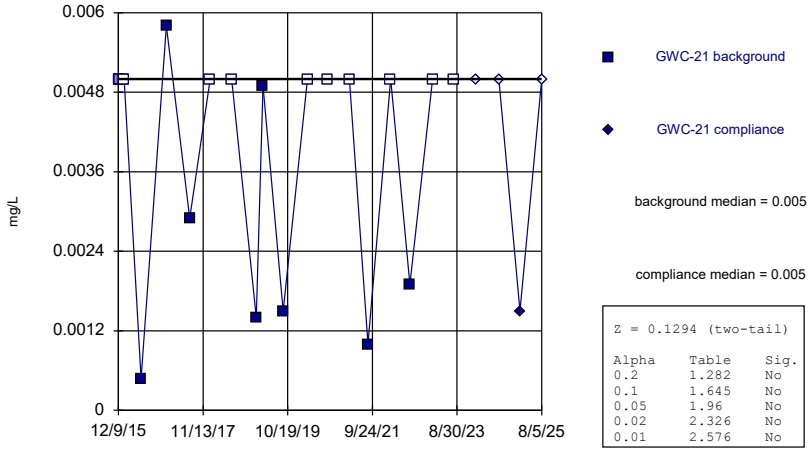
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 0.1294 (two-tail)

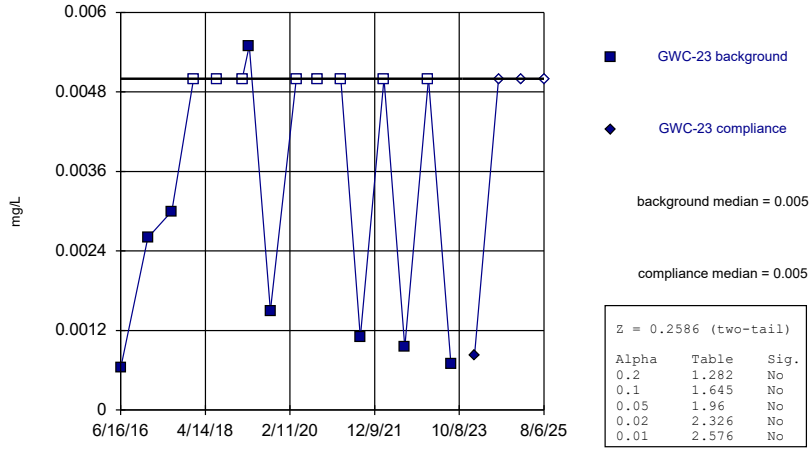
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.2586 (two-tail)

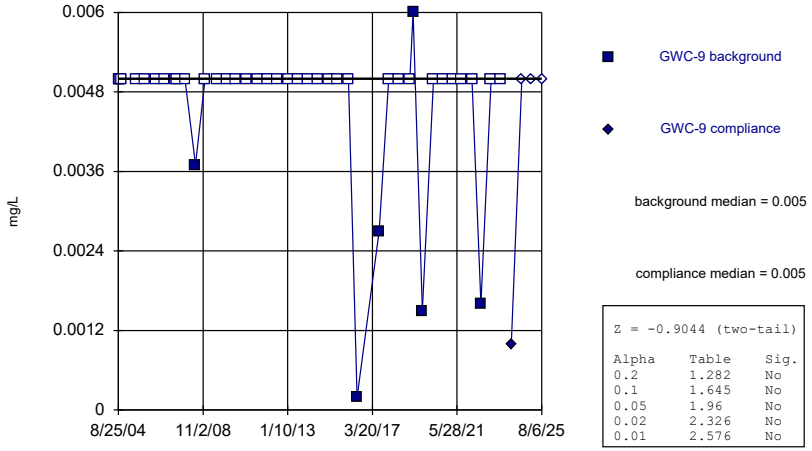
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -0.9044 (two-tail)

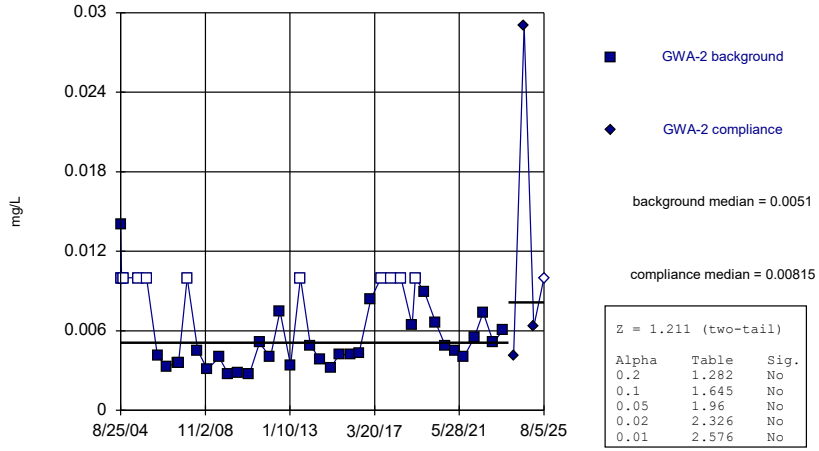
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = 1.211 (two-tail)

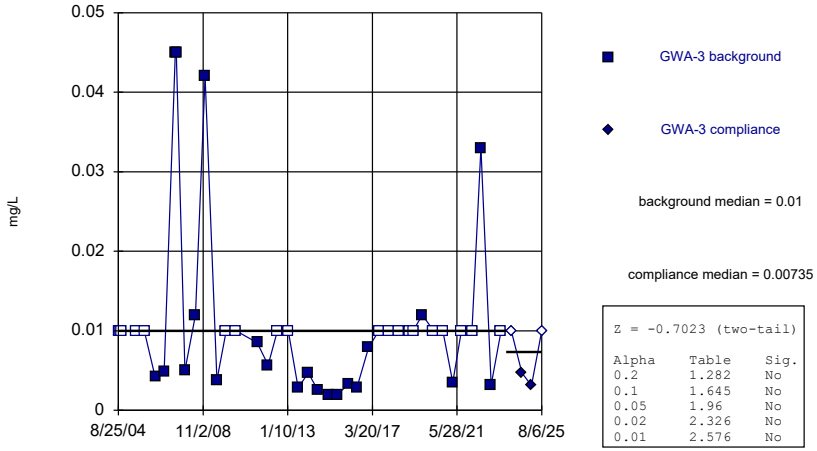
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = -0.7023 (two-tail)

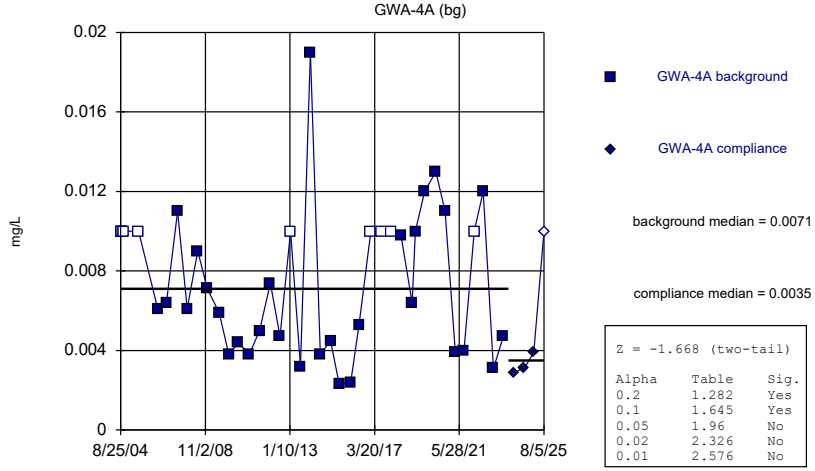
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = -1.668 (two-tail)

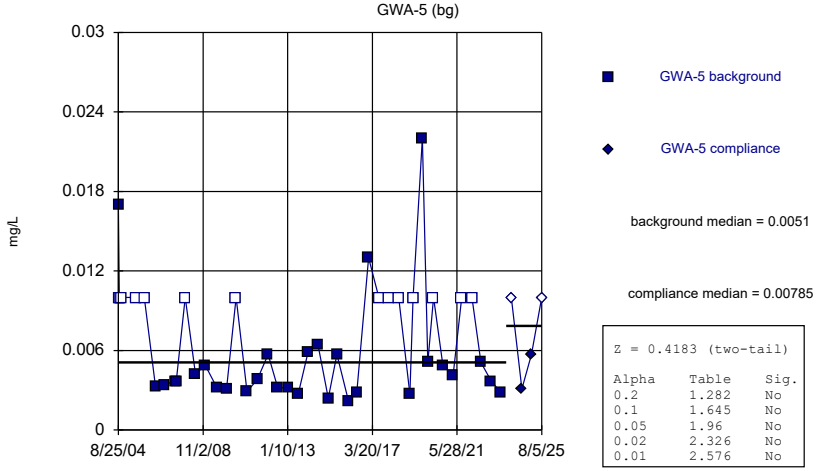
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



Z = 0.4183 (two-tail)

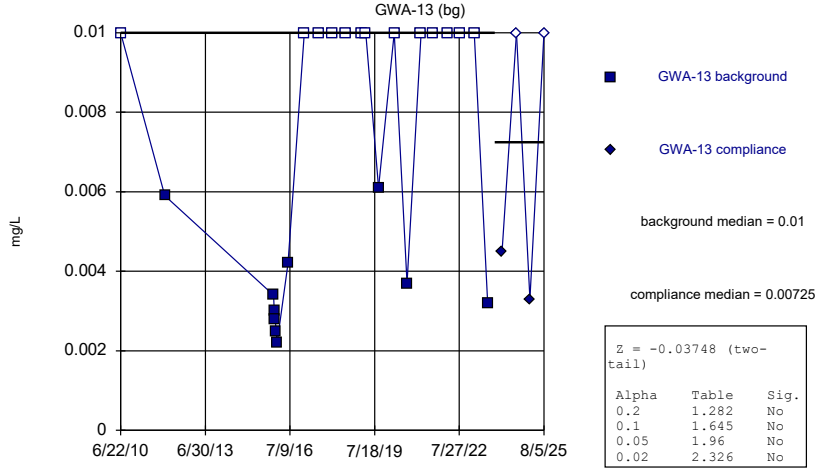
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



background median = 0.01

compliance median = 0.00725

Z = -0.03748 (two-tail)

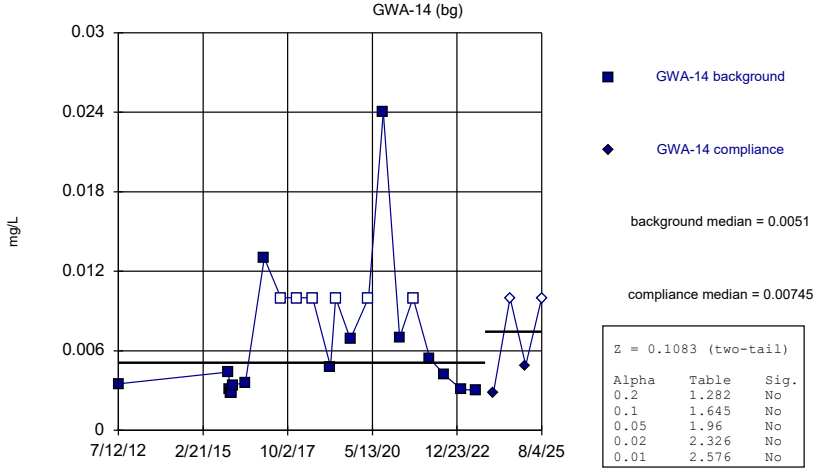
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



background median = 0.0051

compliance median = 0.00745

Z = 0.1083 (two-tail)

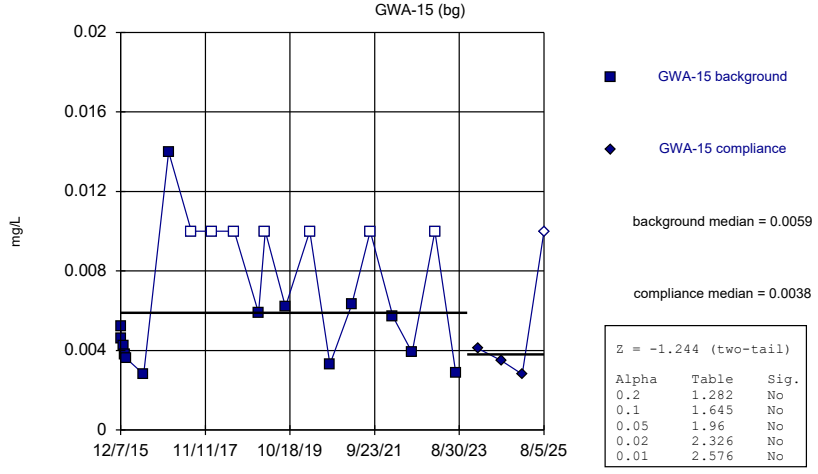
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



background median = 0.0059

compliance median = 0.0038

Z = -1.244 (two-tail)

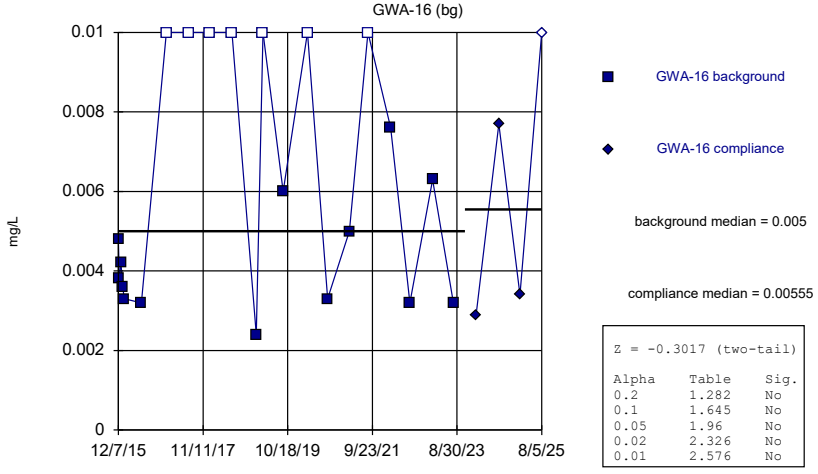
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 0.005

compliance median = 0.00555

Z = -0.3017 (two-tail)

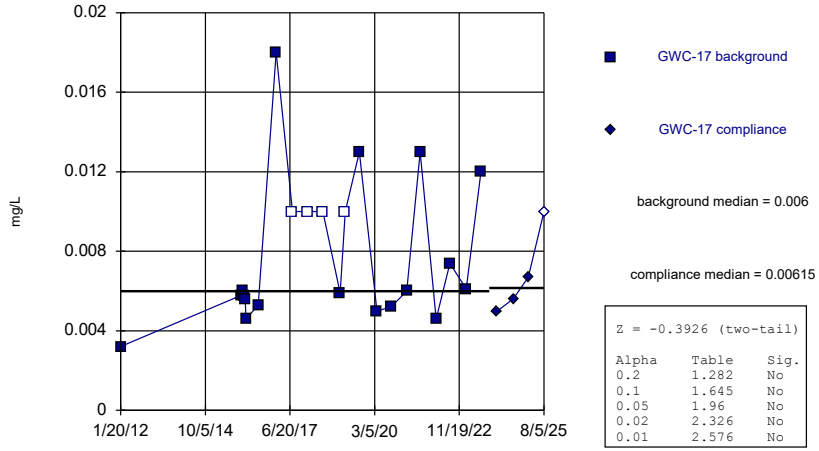
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = -0.3926 (two-tail)

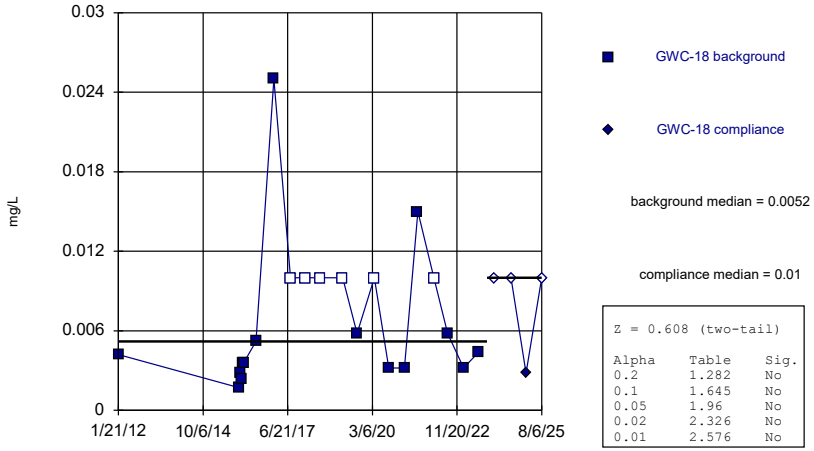
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = 0.608 (two-tail)

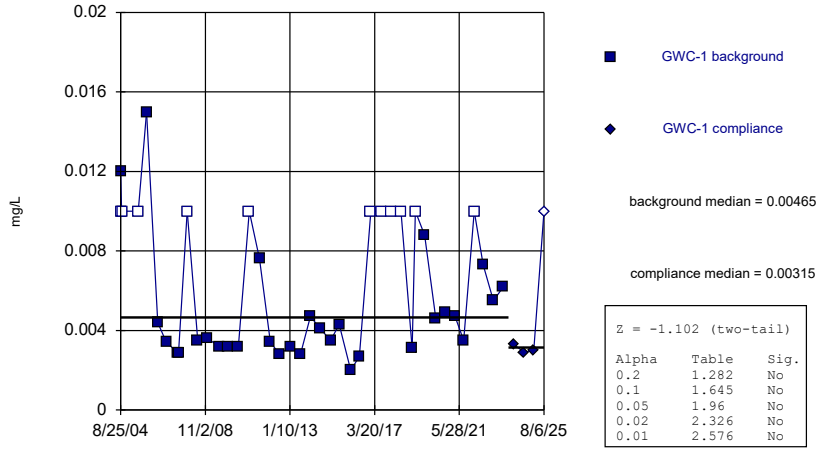
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -1.102 (two-tail)

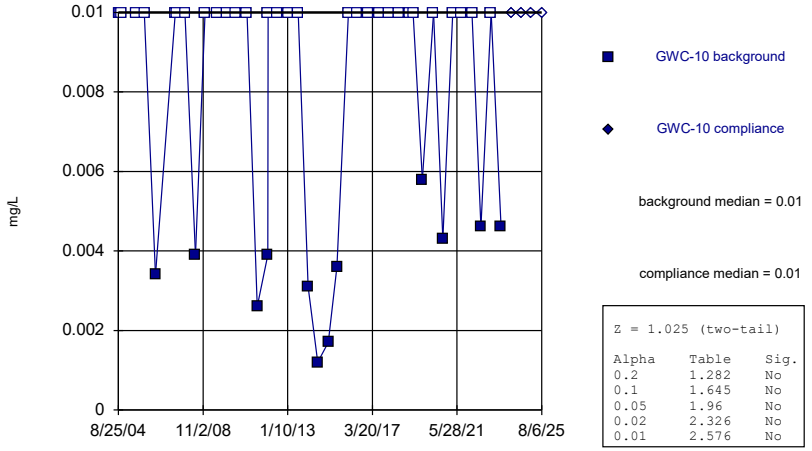
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 1.025 (two-tail)

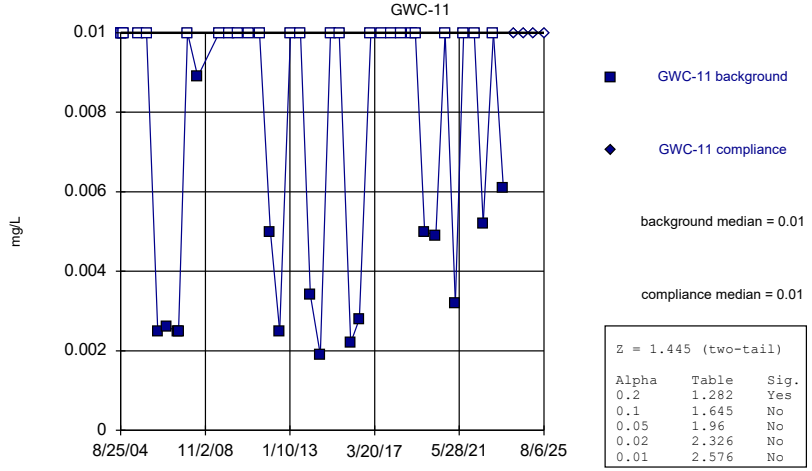
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 1.445 (two-tail)

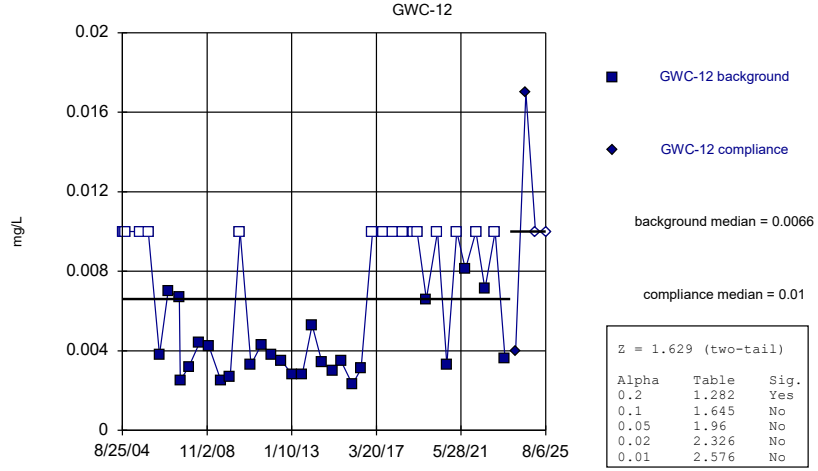
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 1.629 (two-tail)

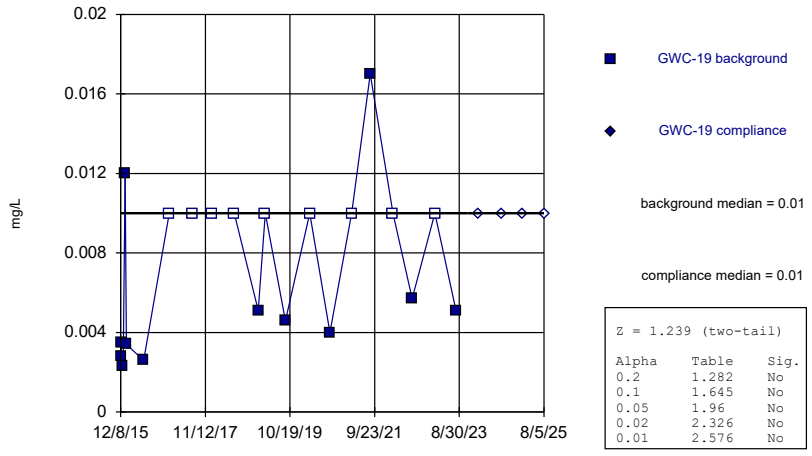
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 1.239 (two-tail)

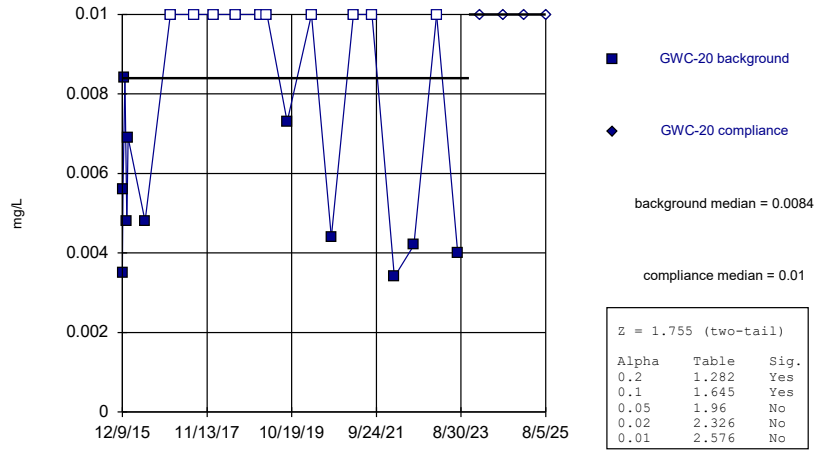
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 1.755 (two-tail)

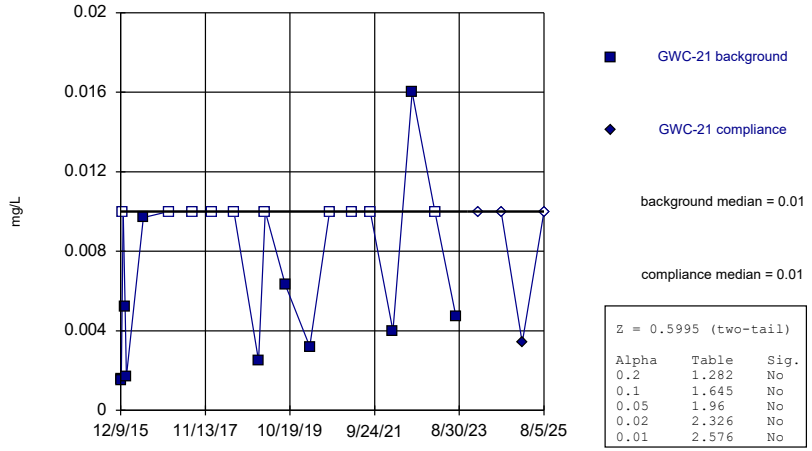
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = 0.5995 (two-tail)

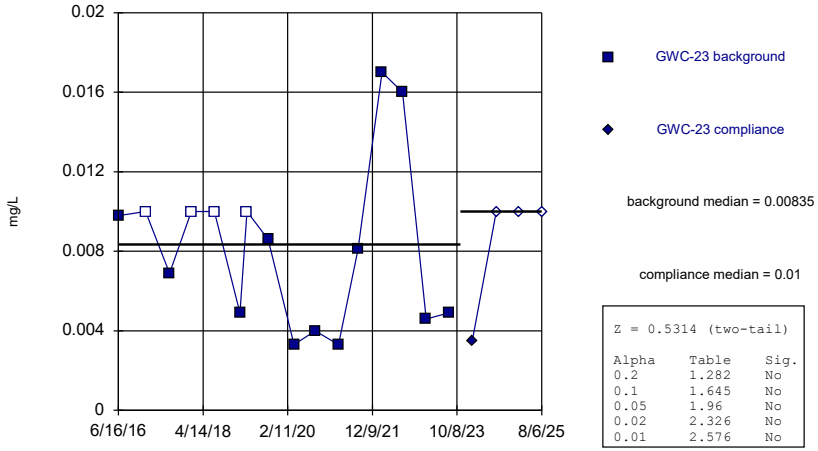
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = 0.5314 (two-tail)

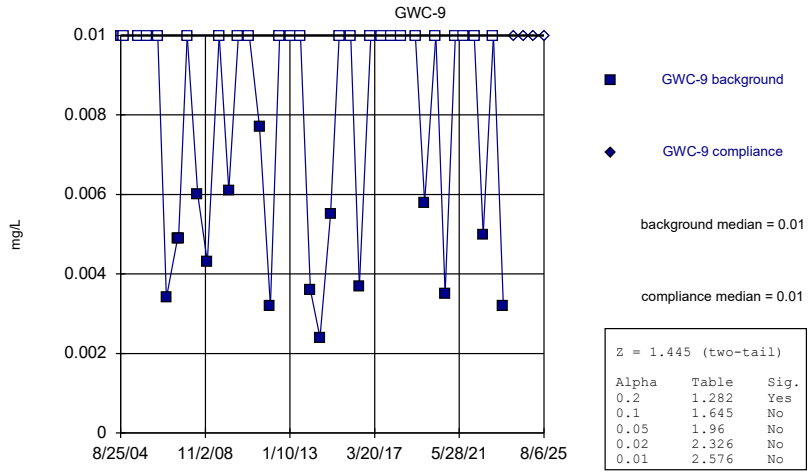
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 1.445 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 4/16/2026 9:41 AM View: Appendix I - Mann-Whitney
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/26/2016	<0.005	
11/15/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	<0.005	
4/19/2017	<0.005	
7/17/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	0.0004 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/15/2024		<0.005
2/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	<0.005	
4/19/2017	<0.005	
7/18/2017	0.0022 (J)	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00081 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00052 (J)	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	0.00039 (J)	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	0.00022 (J)	
8/11/2016	<0.005	
9/28/2016	<0.005	
11/16/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	0.00057 (J)	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	0.0089 (O)	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.00061 (J)	
4/19/2017	0.00069 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.0011 (J)	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	0.00016 (J)	
8/11/2016	0.00096 (J)	
9/27/2016	0.0026	
11/14/2016	0.0017	
1/10/2017	0.0021	
2/28/2017	0.0027	
4/20/2017	0.0014	
7/18/2017	0.0012 (J)	
1/10/2018	0.00068 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0005 (J)	
9/10/2019	0.00051 (J)	
3/31/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	0.00035 (J)	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/3/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	5E-05 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00035 (J)	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00076 (J)	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00043 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/15/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00056 (J)	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.00075 (J)	
9/11/2019	0.00033 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00036 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/26/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.00015 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00047 (J)	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.00097 (J)	
9/11/2019	0.00038 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	0.00112 (J)	
6/16/2016	0.0011 (J)	
8/11/2016	0.001 (J)	
9/28/2016	0.00062 (J)	
11/16/2016	0.00046 (J)	
1/11/2017	0.00093 (J)	
3/1/2017	0.0006 (J)	
4/25/2017	0.0011 (J)	
7/25/2017	0.001 (J)	
1/12/2018	0.00095 (J)	
7/11/2018	0.0007 (J)	
1/30/2019	0.0011 (J)	
3/27/2019	0.0019	
9/11/2019	0.0012	
4/1/2020	0.00067	
9/15/2020	0.00076 (J)	
3/17/2021	0.00072 (J)	
8/19/2021	0.00059 (J)	
2/23/2022	0.00098 (J)	
8/2/2022	0.0009 (J)	
2/7/2023	0.0011	
8/2/2023	0.001	
2/7/2024		0.0018
8/14/2024		0.0014
2/5/2025		0.00089 (J)
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	0.0004 (J)	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.0004 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	0.00077 (J)	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	0.00046 (J)	
7/12/2018	<0.005	
1/30/2019	0.00082 (J)	
3/27/2019	0.0013	
9/11/2019	0.00082 (J)	
4/1/2020	0.00055 (J)	
9/15/2020	0.00041 (J)	
3/16/2021	0.00069 (J)	
8/18/2021	0.00045 (J)	
2/23/2022	0.00048 (J)	
8/3/2022	0.00052 (J)	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		0.0013
8/14/2024		0.00099 (J)
2/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	0.00117 (J)	
6/15/2016	0.0013 (J)	
8/10/2016	0.0013	
9/27/2016	0.0011 (J)	
11/15/2016	0.001 (J)	
1/12/2017	0.0016	
3/1/2017	0.00092 (J)	
4/24/2017	0.0011 (J)	
7/24/2017	0.00086 (J)	
1/11/2018	0.0012 (J)	
7/12/2018	0.001 (J)	
1/30/2019	0.0015	
3/27/2019	0.0013	
9/11/2019	0.0017	
4/2/2020	0.0014	
9/15/2020	0.0011	
3/17/2021	0.0014	
8/18/2021	0.0013	
2/23/2022	0.0013	
8/2/2022	0.0013	
2/8/2023	0.0017	
8/2/2023	0.0014	
2/7/2024		0.002
8/14/2024		0.0018
2/5/2025		0.0013

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	0.00062 (J)	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/20/2017	0.00053 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.0011 (J)	
9/11/2019	0.00032 (J)	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/8/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	0.00026 (J)	
8/10/2016	<0.005	
9/28/2016	<0.005	
11/15/2016	<0.005	
1/16/2017	0.00067 (J)	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00057 (J)	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	0.00028 (J)	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		0.00092 (J)
8/14/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.00014 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	0.00046 (J)	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00066 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	0.0022 (J)	
1/14/2016	0.002 (J)	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.00046 (J)	
8/10/2016	<0.005	
9/27/2016	0.00084 (J)	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/25/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.00074 (J)	
9/11/2019	0.00064 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/4/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.00043 (J)	
8/10/2016	0.0021	
9/28/2016	0.0011 (J)	
11/16/2016	0.0011 (J)	
1/17/2017	0.00064 (J)	
3/2/2017	<0.005	
4/25/2017	0.0007 (J)	
7/13/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.00034 (J)	
3/27/2019	0.00079 (J)	
9/11/2019	0.00051 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/4/2022	0.00053 (J)	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/19/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	0.00055 (J)	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.00073 (J)	
9/11/2019	0.00044 (J)	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		0.00095 (J)
8/14/2024		<0.005
2/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	0.018	
9/11/2004	0.019	
9/26/2004	0.02	
10/13/2004	0.017	
7/11/2005	0.012	
12/7/2005	0.014	
6/23/2006	0.018	
11/28/2006	0.015	
6/19/2007	0.014	
7/6/2007	0.014	
12/13/2007	0.014	
6/20/2008	0.018	
12/7/2008	0.013	
7/9/2009	0.019	
12/28/2009	0.012	
6/22/2010	0.02	
1/4/2011	0.02	
7/9/2011	0.028	
1/21/2012	0.026	
7/11/2012	0.038	
1/20/2013	0.025	
7/19/2013	0.018	
1/15/2014	0.026	
7/11/2014	0.029	
1/16/2015	0.021	
6/20/2015	0.031	
1/16/2016	0.031	
4/19/2016	0.0305	
6/14/2016	0.03	
8/9/2016	0.032	
9/26/2016	0.031	
11/15/2016	0.033	
1/10/2017	0.031	
2/28/2017	0.033	
4/19/2017	0.032	
7/17/2017	0.033	
1/10/2018	0.034	
7/11/2018	0.035	
1/29/2019	0.034	
3/27/2019	0.03	
9/11/2019	0.034	
4/1/2020	0.037	
9/15/2020	0.036	
3/16/2021	0.035	
8/17/2021	0.037	
2/22/2022	0.038	
8/2/2022	0.032	
2/7/2023	0.033	
8/1/2023	0.037	
2/6/2024		0.038
8/15/2024		0.036
2/4/2025		0.045

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025		0.032

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	0.025	
9/11/2004	0.015	
9/26/2004	0.017	
10/13/2004	0.017	
7/11/2005	0.012	
12/7/2005	0.012	
6/23/2006	0.016	
11/28/2006	0.017	
6/19/2007	0.1 (o)	
7/6/2007	0.1 (O)	
12/13/2007	0.01	
6/20/2008	0.026	
12/7/2008	0.097 (O)	
7/9/2009	0.01	
12/28/2009	0.0091	
6/22/2010	0.011	
1/5/2011	0.21 (O)	
7/9/2011	0.035	
1/20/2012	0.021	
7/11/2012	0.009	
1/19/2013	0.01	
7/18/2013	0.014	
1/15/2014	0.016	
7/11/2014	0.016	
1/15/2015	0.014	
6/19/2015	0.013	
1/16/2016	0.021	
4/19/2016	0.0217	
6/14/2016	0.024	
8/9/2016	0.023	
9/27/2016	0.016	
11/14/2016	0.014	
1/10/2017	0.015	
2/28/2017	0.017	
4/19/2017	0.013	
7/18/2017	0.012	
1/10/2018	0.016	
7/11/2018	0.015	
1/29/2019	0.017	
3/27/2019	0.014	
9/11/2019	0.015	
4/1/2020	0.014	
9/15/2020	0.015	
3/16/2021	0.015	
8/17/2021	0.015	
2/22/2022	0.015	
8/2/2022	0.012	
2/7/2023	0.012	
8/2/2023	0.015	
2/6/2024		0.012
8/13/2024		0.014
2/4/2025		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	0.0096	
9/11/2004	0.024	
9/26/2004	0.027	
10/13/2004	0.022	
7/12/2005	0.029	
12/8/2005	0.023	
6/24/2006	0.026	
11/28/2006	0.039	
6/19/2007	0.037	
12/13/2007	0.029	
6/20/2008	0.037	
12/7/2008	0.025	
7/9/2009	0.028	
12/30/2009	0.017	
6/22/2010	0.032	
1/4/2011	0.02	
7/10/2011	0.032	
1/21/2012	0.026	
7/11/2012	0.023	
1/20/2013	0.011	
7/19/2013	0.018	
1/16/2014	0.015	
7/10/2014	0.025	
1/16/2015	0.022	
6/20/2015	0.015	
1/14/2016	0.016	
4/20/2016	0.0234	
6/14/2016	0.019	
8/11/2016	0.024	
9/27/2016	0.035	
11/14/2016	0.034	
1/10/2017	0.021	
2/28/2017	0.021	
4/20/2017	0.019	
7/18/2017	0.018	
1/10/2018	0.021	
7/11/2018	0.029	
1/29/2019	0.025	
3/26/2019	0.023	
9/10/2019	0.026	
3/31/2020	0.017	
9/16/2020	0.016	
3/17/2021	0.014	
8/19/2021	0.013	
2/23/2022	0.015	
8/3/2022	0.032	
2/7/2023	0.015	
8/1/2023	0.016	
2/6/2024		0.019
8/13/2024		0.016
2/3/2025		0.022
8/5/2025		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	0.016	
9/11/2004	0.02	
9/26/2004	0.016	
10/13/2004	0.014	
7/12/2005	0.014	
12/8/2005	0.014	
6/24/2006	0.019	
11/28/2006	0.016	
6/19/2007	0.018	
7/6/2007	0.018	
12/14/2007	0.015	
6/20/2008	0.018	
12/7/2008	0.016	
7/9/2009	0.019	
12/29/2009	0.02	
6/22/2010	0.027	
1/4/2011	0.025	
7/9/2011	0.022	
1/21/2012	0.024	
7/11/2012	0.024	
1/19/2013	0.026	
7/18/2013	0.024	
1/15/2014	0.026	
7/10/2014	0.036	
1/15/2015	0.035	
6/19/2015	0.066	
1/14/2016	0.059	
4/20/2016	0.0553	
6/14/2016	0.035	
8/9/2016	0.035	
9/27/2016	0.038	
11/15/2016	0.039	
1/11/2017	0.037	
2/28/2017	0.042	
4/20/2017	0.04	
7/18/2017	0.04	
1/10/2018	0.048	
7/11/2018	0.044	
1/29/2019	0.05	
3/26/2019	0.046	
9/10/2019	0.044	
3/31/2020	0.044	
9/15/2020	0.041	
3/17/2021	0.04	
8/19/2021	0.038	
2/22/2022	0.041	
8/2/2022	0.043	
2/7/2023	0.039	
8/1/2023	0.041	
2/6/2024		0.039
8/13/2024		0.036
2/4/2025		0.035

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025		0.032

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	0.0083	
1/20/2012	0.051 (o)	
12/7/2015	0.015	
12/15/2015	0.015	
12/29/2015	0.016	
1/13/2016	0.017	
1/25/2016	0.017	
4/20/2016	0.0144	
6/14/2016	0.015	
8/9/2016	0.013	
9/27/2016	0.015	
11/15/2016	0.015	
1/12/2017	0.012	
2/28/2017	0.016	
4/20/2017	0.015	
7/18/2017	0.015	
1/10/2018	0.015	
7/11/2018	0.015	
1/29/2019	0.019	
3/26/2019	0.016	
9/10/2019	0.03	
3/31/2020	0.015	
9/15/2020	0.014	
3/16/2021	0.018	
8/18/2021	0.018	
2/22/2022	0.019	
8/2/2022	0.016	
2/6/2023	0.016	
8/1/2023	0.019	
2/6/2024		0.019
8/13/2024		0.019
2/4/2025		0.023
8/5/2025		0.015

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	0.077 (o)	
12/7/2015	0.018	
12/15/2015	0.017	
12/29/2015	0.018	
1/13/2016	0.018	
1/25/2016	0.018	
4/20/2016	0.0143	
6/14/2016	0.012	
8/9/2016	0.011	
9/27/2016	0.01	
11/15/2016	0.012	
1/11/2017	0.011	
2/28/2017	0.011	
4/20/2017	0.011	
7/19/2017	0.012	
1/11/2018	0.012	
7/11/2018	0.012	
1/29/2019	0.013	
3/26/2019	0.012	
9/10/2019	0.016	
4/1/2020	0.013	
9/15/2020	0.012	
3/16/2021	0.013	
8/17/2021	0.014	
2/22/2022	0.014	
8/2/2022	0.014	
2/7/2023	0.014	
8/2/2023	0.014	
2/6/2024		0.016
8/13/2024		0.017
2/4/2025		0.019
8/4/2025		0.014

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	0.027	
12/15/2015	0.028	
12/28/2015	0.026	
1/13/2016	0.026	
1/25/2016	0.027	
4/21/2016	0.0262	
6/15/2016	0.024	
8/9/2016	0.023	
9/27/2016	0.023	
11/15/2016	0.023	
1/11/2017	0.022	
2/28/2017	0.023	
4/20/2017	0.024	
7/19/2017	0.025	
1/11/2018	0.023	
7/11/2018	0.025	
1/29/2019	0.027	
3/26/2019	0.028	
9/11/2019	0.023	
4/1/2020	0.026	
9/15/2020	0.023	
3/17/2021	0.028	
8/19/2021	0.022	
2/22/2022	0.026	
8/2/2022	0.023	
2/7/2023	0.025	
8/1/2023	0.024	
2/6/2024		0.029
8/13/2024		0.026
2/4/2025		0.028
8/5/2025		0.025

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	0.027	
12/14/2015	0.028	
12/28/2015	0.029	
1/13/2016	0.028	
1/25/2016	0.027	
4/20/2016	0.0259	
6/15/2016	0.024	
8/9/2016	0.023	
9/27/2016	0.021	
11/15/2016	0.023	
1/11/2017	0.021	
3/1/2017	0.022	
4/20/2017	0.022	
7/19/2017	0.024	
1/11/2018	0.022	
7/11/2018	0.023	
1/29/2019	0.026	
3/26/2019	0.023	
9/10/2019	0.039	
4/1/2020	0.022	
9/15/2020	0.024	
3/16/2021	0.025	
8/17/2021	0.024	
2/22/2022	0.026	
8/2/2022	0.029	
2/7/2023	0.026	
8/1/2023	0.031	
2/6/2024		0.028
8/13/2024		0.028
2/4/2025		0.026
8/5/2025		0.023

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	0.013	
12/8/2015	0.021	
12/14/2015	0.021	
12/28/2015	0.02	
1/13/2016	0.019	
1/26/2016	0.019	
4/20/2016	0.0188	
6/15/2016	0.017	
8/9/2016	0.018	
9/27/2016	0.016	
11/15/2016	0.017	
1/11/2017	0.017	
3/1/2017	0.017	
4/20/2017	0.016	
7/19/2017	0.017	
1/11/2018	0.017	
7/11/2018	0.017	
1/29/2019	0.02	
3/27/2019	0.017	
9/11/2019	0.021	
4/1/2020	0.019	
9/15/2020	0.018	
3/16/2021	0.017	
8/19/2021	0.017	
2/22/2022	0.019	
8/2/2022	0.017	
2/8/2023	0.02	
8/2/2023	0.017	
2/6/2024		0.02
8/13/2024		0.019
2/4/2025		0.019
8/5/2025		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	0.021	
12/8/2015	0.053	
12/14/2015	0.049	
12/28/2015	0.048	
1/14/2016	0.048	
1/26/2016	0.044	
4/19/2016	0.0308	
6/16/2016	0.029	
8/11/2016	0.023	
9/28/2016	0.024	
11/16/2016	0.022	
1/11/2017	0.017	
3/1/2017	0.02	
4/25/2017	0.02	
7/25/2017	0.017	
1/12/2018	0.015	
7/11/2018	0.013	
1/30/2019	0.02	
3/27/2019	0.014	
9/11/2019	0.018	
4/1/2020	0.013	
9/15/2020	0.014	
3/17/2021	0.013	
8/19/2021	0.013	
2/23/2022	0.012	
8/2/2022	0.013	
2/7/2023	0.012	
8/2/2023	0.012	
2/7/2024		0.014
8/14/2024		0.013
2/5/2025		0.014
8/6/2025		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	0.02	
9/11/2004	0.021	
9/26/2004	0.019	
7/11/2005	0.017	
12/7/2005	0.018	
6/24/2006	0.018	
11/29/2006	0.026	
6/20/2007	0.014	
7/6/2007	0.014	
12/13/2007	0.013	
6/20/2008	0.019	
12/7/2008	0.019	
7/9/2009	0.029	
12/28/2009	0.039	
6/22/2010	0.032	
1/4/2011	0.024	
7/9/2011	0.034	
1/21/2012	0.022	
7/11/2012	0.023	
1/20/2013	0.027	
7/19/2013	0.037	
1/15/2014	0.032	
7/11/2014	0.034	
1/16/2015	0.032	
6/20/2015	0.037	
1/16/2016	0.051	
4/20/2016	0.0554	
6/15/2016	0.046	
8/10/2016	0.042	
9/27/2016	0.042	
11/15/2016	0.042	
1/12/2017	0.046	
3/1/2017	0.048	
4/20/2017	0.046	
7/19/2017	0.045	
1/11/2018	0.046	
7/12/2018	0.045	
1/30/2019	0.05	
3/27/2019	0.045	
9/11/2019	0.038	
4/1/2020	0.041	
9/15/2020	0.038	
3/16/2021	0.039	
8/18/2021	0.034	
2/23/2022	0.039	
8/3/2022	0.029	
2/7/2023	0.031	
8/2/2023	0.03	
2/7/2024		0.032
8/14/2024		0.04
2/5/2025		0.036
8/6/2025		0.035

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	0.036	
9/11/2004	0.036	
9/26/2004	0.035	
10/13/2004	0.035	
7/12/2005	0.017	
12/7/2005	0.017	
6/24/2006	0.015	
11/29/2006	0.032	
6/20/2007	0.03	
7/6/2007	0.03	
12/13/2007	0.039	
6/20/2008	0.038	
12/7/2008	0.034	
7/10/2009	0.032	
12/29/2009	0.03	
6/22/2010	0.024	
1/4/2011	0.017	
7/10/2011	0.03	
1/19/2012	0.038	
1/21/2012	0.022	
7/11/2012	0.025	
1/20/2013	0.029	
7/19/2013	0.02	
7/20/2013	0.032	
1/16/2014	0.022	
7/10/2014	0.018	
1/16/2015	0.019	
6/20/2015	0.021	
1/16/2016	0.019	
4/21/2016	0.0178	
6/16/2016	0.022	
8/10/2016	0.015	
9/27/2016	0.014	
11/15/2016	0.015	
1/12/2017	0.015	
3/1/2017	0.017	
4/24/2017	0.014	
7/24/2017	0.015	
1/11/2018	0.013	
7/12/2018	0.024	
1/30/2019	0.023	
3/27/2019	0.019	
9/11/2019	0.021	
4/1/2020	0.035	
9/15/2020	0.023	
3/16/2021	0.019	
8/18/2021	0.018	
2/23/2022	0.018	
8/3/2022	0.017	
2/8/2023	0.017	
8/2/2023	0.016	
2/7/2024		0.017

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/14/2024		0.021
2/4/2025		0.024
8/6/2025		0.029

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	0.018	
9/11/2004	0.022	
9/26/2004	0.022	
10/13/2004	0.017	
7/12/2005	0.015	
12/7/2005	0.012	
6/25/2006	0.012	
11/28/2006	0.013	
6/21/2007	0.012	
7/6/2007	0.012	
12/14/2007	0.013	
6/20/2008	0.026	
12/7/2008	0.093 (O)	
7/10/2009	0.013	
12/29/2009	0.012	
6/22/2010	0.014	
1/5/2011	0.011	
7/9/2011	0.012	
1/21/2012	0.017	
7/11/2012	0.015	
1/19/2013	0.013	
7/19/2013	0.012	
1/15/2014	0.012	
7/11/2014	0.012	
1/16/2015	0.011	
6/20/2015	0.013	
1/14/2016	0.016	
4/20/2016	0.0113	
6/15/2016	0.013	
8/10/2016	0.01	
9/27/2016	0.01	
11/15/2016	0.011	
1/12/2017	0.01	
3/1/2017	0.011	
4/24/2017	0.01	
7/24/2017	0.0089	
1/11/2018	0.01	
7/12/2018	0.016	
1/30/2019	0.014	
3/27/2019	0.013	
9/11/2019	0.011	
4/2/2020	0.011	
9/15/2020	0.015	
3/17/2021	0.016	
8/18/2021	0.011	
2/23/2022	0.01	
8/2/2022	0.011	
2/8/2023	0.011	
8/2/2023	0.01	
2/7/2024		0.011
8/14/2024		0.011
2/5/2025		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025		0.011

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	0.014	
9/11/2004	0.014	
9/26/2004	0.014	
10/13/2004	0.013	
7/11/2005	0.011	
12/7/2005	0.012	
6/24/2006	0.012	
11/28/2006	0.011	
6/20/2007	0.014	
7/6/2007	0.014	
12/13/2007	0.011	
6/20/2008	0.011	
12/7/2008	0.01	
7/10/2009	0.011	
12/28/2009	0.011	
6/22/2010	0.011	
1/4/2011	0.013	
7/9/2011	0.015	
1/20/2012	0.013	
7/11/2012	0.015	
1/19/2013	0.014	
7/18/2013	0.013	
1/15/2014	0.013	
7/11/2014	0.016	
1/15/2015	0.012	
6/19/2015	0.015	
1/16/2016	0.013	
4/20/2016	0.0114	
6/15/2016	0.0095 (J)	
8/10/2016	0.0094	
9/27/2016	0.011	
11/15/2016	0.0096	
1/12/2017	0.01	
3/1/2017	0.011	
4/20/2017	0.01	
7/20/2017	0.011	
1/11/2018	0.01	
7/12/2018	0.011	
1/30/2019	0.011	
3/27/2019	0.0099	
9/11/2019	0.01	
4/1/2020	0.0097 (J)	
9/16/2020	0.011	
3/16/2021	0.01	
8/18/2021	0.01	
2/23/2022	0.01	
8/3/2022	0.011	
2/7/2023	0.011	
8/2/2023	0.014	
2/8/2024		0.011
8/14/2024		0.012
2/5/2025		0.011

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.057	
12/15/2015	0.052	
12/28/2015	0.041	
1/14/2016	0.038	
1/26/2016	0.034	
4/19/2016	0.023	
6/16/2016	0.017	
8/10/2016	0.013	
9/28/2016	0.013	
11/15/2016	0.013	
1/16/2017	0.014	
3/1/2017	0.017	
4/25/2017	0.015	
7/25/2017	0.012	
1/12/2018	0.014	
7/11/2018	0.018	
1/29/2019	0.016	
3/27/2019	0.013	
9/11/2019	0.015	
4/1/2020	0.013	
9/16/2020	0.012	
3/16/2021	0.0099 (J)	
8/19/2021	0.0095 (J)	
2/23/2022	0.01	
8/3/2022	0.011	
2/8/2023	0.01	
8/2/2023	0.0092 (J)	
2/7/2024		0.01
8/14/2024		0.011
2/4/2025		0.01
8/5/2025		0.0085 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.039	
12/14/2015	0.045	
12/29/2015	0.045	
1/14/2016	0.034	
1/25/2016	0.038	
4/21/2016	0.0325	
6/16/2016	0.027	
8/10/2016	0.025	
9/27/2016	0.023	
11/15/2016	0.022	
1/13/2017	0.021	
3/1/2017	0.021	
4/25/2017	0.02	
7/25/2017	0.02	
1/12/2018	0.021	
7/11/2018	0.021	
1/29/2019	0.017	
3/27/2019	0.018	
9/11/2019	0.021	
4/1/2020	0.016	
9/15/2020	0.021	
3/16/2021	0.016	
8/19/2021	0.017	
2/22/2022	0.018	
8/3/2022	0.018	
2/8/2023	0.015	
8/2/2023	0.015	
2/7/2024		0.016
8/14/2024		0.015
2/5/2025		0.015
8/5/2025		0.014

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	0.024	
12/14/2015	0.027	
12/29/2015	0.027	
1/14/2016	0.025	
1/25/2016	0.023	
4/21/2016	0.0165	
6/16/2016	0.018	
8/10/2016	0.014	
9/27/2016	0.018	
11/15/2016	0.015	
1/12/2017	0.014	
3/1/2017	0.015	
4/24/2017	0.015	
7/25/2017	0.015	
1/11/2018	0.016	
7/11/2018	0.017	
1/30/2019	0.017	
3/27/2019	0.016	
9/11/2019	0.019	
4/1/2020	0.018	
9/15/2020	0.021	
3/17/2021	0.019	
8/19/2021	0.018	
2/23/2022	0.02	
8/4/2022	0.022	
2/8/2023	0.019	
8/3/2023	0.018	
2/7/2024		0.02
8/14/2024		0.02
2/5/2025		0.022
8/5/2025		0.022

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.057	
8/10/2016	0.072	
9/28/2016	0.076	
11/16/2016	0.057	
1/17/2017	0.049	
3/2/2017	0.067	
4/25/2017	0.049	
7/13/2017	0.04	
7/25/2017	0.038	
1/12/2018	0.037	
7/12/2018	0.037	
1/30/2019	0.034	
3/27/2019	0.027	
9/11/2019	0.023	
4/1/2020	0.024	
9/15/2020	0.024	
3/17/2021	0.024	
8/19/2021	0.019	
2/23/2022	0.024	
8/4/2022	0.017	
2/8/2023	0.016	
8/3/2023	0.012	
2/7/2024		0.02
8/14/2024		0.027
2/5/2025		0.023
8/6/2025		0.022

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	0.029	
9/11/2004	0.031	
9/26/2004	0.03	
10/13/2004	0.024	
7/12/2005	0.022	
12/8/2005	0.032	
6/25/2006	0.026	
11/29/2006	0.02	
6/20/2007	0.018	
7/6/2007	0.018	
12/13/2007	0.017	
6/20/2008	0.018	
12/7/2008	0.016	
7/9/2009	0.019	
12/29/2009	0.02	
6/22/2010	0.022	
1/5/2011	0.021	
7/9/2011	0.021	
1/21/2012	0.021	
7/11/2012	0.021	
1/19/2013	0.024	
7/18/2013	0.024	
1/15/2014	0.022	
7/10/2014	0.023	
1/16/2015	0.015	
6/20/2015	0.024	
1/14/2016	0.026	
4/19/2016	0.0274	
6/15/2016	0.024	
8/10/2016	0.031	
9/27/2016	0.029	
11/15/2016	0.029	
1/13/2017	0.025	
3/1/2017	0.03	
4/24/2017	0.024	
7/24/2017	0.026	
1/12/2018	0.027	
7/12/2018	0.031	
1/30/2019	0.032	
3/27/2019	0.023	
9/11/2019	0.029	
4/1/2020	0.021	
9/16/2020	0.033	
3/17/2021	0.041	
8/19/2021	0.024	
2/23/2022	0.026	
8/3/2022	0.03	
2/8/2023	0.024	
8/2/2023	0.021	
2/7/2024		0.023
8/14/2024		0.024
2/5/2025		0.03

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025		0.028

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	0.00011 (J)	
7/11/2014	0.0001 (J)	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	6.5E-05 (J)	
8/9/2016	<0.001	
9/26/2016	<0.001	
11/15/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/17/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	6.3E-05 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	0.00024 (J)	
3/16/2021	<0.001	
8/17/2021	0.00018 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/15/2024		<0.001
2/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	0.0018	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	3.2E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/30/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
7/10/2014	0.0001 (J)	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	8.7E-05 (J)	
8/11/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00011 (J)	
3/26/2019	<0.001	
9/10/2019	0.0006 (J)	
3/31/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/3/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	0.0011	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	0.00013 (J)	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	5.4E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.001	
1/20/2012	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	7.1E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0008 (J)	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.0002 (J)	
8/18/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/6/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	4.4E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00025 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.001	
12/15/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/15/2016	3.8E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	0.00011 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00036 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.001	
12/8/2015	0.00046 (J)	
12/14/2015	0.00052 (J)	
12/28/2015	0.00057 (J)	
1/13/2016	0.00056 (J)	
1/26/2016	0.00057 (J)	
4/20/2016	<0.003 (O)	
6/15/2016	0.00056 (J)	
8/9/2016	0.00054 (J)	
9/27/2016	0.00056 (J)	
11/15/2016	0.00047 (J)	
1/11/2017	0.00066 (J)	
3/1/2017	0.00066 (J)	
4/20/2017	0.00055 (J)	
7/19/2017	0.00061 (J)	
1/11/2018	0.00064 (J)	
7/11/2018	0.00065 (J)	
1/29/2019	0.00062 (J)	
3/27/2019	0.00062 (J)	
9/11/2019	0.001	
4/1/2020	0.00058 (J)	
9/15/2020	0.00063 (J)	
3/16/2021	0.00062 (J)	
8/19/2021	0.00057 (J)	
2/22/2022	0.00078 (J)	
8/2/2022	0.00057 (J)	
2/8/2023	0.00071 (J)	
8/2/2023	0.00057 (J)	
2/6/2024		0.0007 (J)
8/13/2024		0.0006 (J)
2/4/2025		0.00073 (J)
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	<0.001	
1/26/2016	<0.001	
4/19/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	8.3E-05 (J)	
3/27/2019	<0.001	
9/11/2019	0.00026 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	0.00016 (J)	
7/11/2014	0.00018 (J)	
1/16/2015	0.00016 (J)	
6/20/2015	0.00017 (J)	
1/16/2016	8E-05 (J)	
4/20/2016	<0.001	
6/15/2016	0.00012 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	0.00021 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00022 (J)	
8/18/2021	0.00018 (J)	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		0.0002 (J)
2/5/2025		0.00034 (J)
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/19/2012	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
7/20/2013	<0.001	
1/16/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	0.00013 (J)	
1/16/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	8.5E-05 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00033 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/14/2024		<0.001
2/4/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/25/2006	<0.001	
11/28/2006	<0.001	
6/21/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/2/2020	0.00023 (J)	
9/15/2020	<0.001	
3/17/2021	0.00048 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	0.00017 (J)	
7/11/2014	0.00024 (J)	
1/15/2015	0.00015 (J)	
6/19/2015	0.00016 (J)	
1/16/2016	0.00014 (J)	
4/20/2016	<0.001	
6/15/2016	0.00014 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/20/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	0.00022 (J)	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/16/2021	0.00037 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	0.00027 (J)	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/8/2024		0.00022 (J)
8/14/2024		<0.001
2/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.00018 (J)	
12/15/2015	0.00014 (J)	
12/28/2015	9E-05 (J)	
1/14/2016	0.0001 (J)	
1/26/2016	0.00011 (J)	
4/19/2016	<0.001	
6/16/2016	0.00011 (J)	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/15/2016	<0.001	
1/16/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00023 (J)	
3/27/2019	<0.001	
9/11/2019	0.00058 (J)	
4/1/2020	<0.001	
9/16/2020	0.00022 (J)	
3/16/2021	0.00024 (J)	
8/19/2021	<0.001	
2/23/2022	0.00031 (J)	
8/3/2022	<0.001	
2/8/2023	0.00022 (J)	
8/2/2023	0.0002 (J)	
2/7/2024		<0.001
8/14/2024		0.00026 (J)
2/4/2025		0.00047 (J)
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.00026 (J)	
12/14/2015	0.00032 (J)	
12/29/2015	0.00043 (J)	
1/14/2016	0.00032 (J)	
1/25/2016	0.00038 (J)	
4/21/2016	<0.001	
6/16/2016	0.00032 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	0.00052 (J)	
4/1/2020	<0.001	
9/15/2020	0.00025 (J)	
3/16/2021	0.00022 (J)	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/3/2022	0.00031 (J)	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		0.0002 (J)
2/5/2025		0.00023 (J)
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	0.00064 (J)	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	0.00054 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.0025	
8/10/2016	<0.0025	
9/28/2016	<0.0025	
11/16/2016	<0.0025	
1/17/2017	<0.0025	
3/2/2017	<0.0025	
4/25/2017	<0.0025	
7/13/2017	<0.0025	
7/25/2017	<0.0025	
1/12/2018	<0.0025	
7/12/2018	<0.0025	
1/30/2019	0.00015 (J)	
3/27/2019	<0.0025	
9/11/2019	0.00026 (J)	
4/1/2020	<0.0025	
9/15/2020	<0.0025	
3/17/2021	0.00018 (J)	
8/19/2021	<0.0025	
2/23/2022	<0.0025	
8/4/2022	<0.0025	
2/8/2023	<0.0025	
8/3/2023	<0.0025	
2/7/2024		<0.0025
8/14/2024		<0.0025
2/5/2025		<0.0025
8/6/2025		0.00026 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.0025	
9/11/2004	<0.0025	
9/26/2004	<0.0025	
10/13/2004	<0.0025	
7/12/2005	<0.0025	
12/8/2005	<0.0025	
6/25/2006	<0.0025	
11/29/2006	<0.0025	
6/20/2007	<0.0025	
7/6/2007	<0.0025	
12/13/2007	<0.0025	
6/20/2008	<0.0025	
12/7/2008	<0.0025	
7/9/2009	<0.0025	
12/29/2009	<0.0025	
6/22/2010	<0.0025	
1/5/2011	<0.0025	
7/9/2011	<0.0025	
1/21/2012	<0.0025	
7/11/2012	<0.0025	
1/19/2013	<0.0025	
7/18/2013	<0.0025	
1/15/2014	<0.0025	
7/10/2014	0.0001 (J)	
1/16/2015	<0.0025	
6/20/2015	<0.0025	
1/14/2016	<0.0025	
4/19/2016	<0.0025	
6/15/2016	7.7E-05 (J)	
8/10/2016	<0.0025	
9/27/2016	<0.0025	
11/15/2016	<0.0025	
1/13/2017	<0.0025	
3/1/2017	<0.0025	
4/24/2017	<0.0025	
7/24/2017	<0.0025	
1/12/2018	<0.0025	
7/12/2018	<0.0025	
1/30/2019	0.00016 (J)	
3/27/2019	<0.0025	
9/11/2019	0.00021 (J)	
4/1/2020	<0.0025	
9/16/2020	<0.0025	
3/17/2021	0.00024 (J)	
8/19/2021	<0.0025	
2/23/2022	<0.0025	
8/3/2022	<0.0025	
2/8/2023	<0.0025	
8/2/2023	<0.0025	
2/7/2024		<0.0025
8/14/2024		<0.0025
2/5/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025		0.00031 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.0007	
9/11/2004	<0.0007	
9/26/2004	<0.0007	
10/13/2004	<0.0007	
7/12/2005	<0.0007	
12/8/2005	<0.0007	
6/24/2006	<0.0007	
11/28/2006	<0.0007	
6/19/2007	<0.0007	
12/13/2007	<0.0007	
6/20/2008	<0.0007	
12/7/2008	<0.0007	
7/9/2009	<0.0007	
12/30/2009	<0.0007	
6/22/2010	<0.0007	
1/4/2011	<0.0007	
7/10/2011	<0.0007	
1/21/2012	<0.0007	
7/11/2012	<0.0007	
1/20/2013	<0.0007	
7/19/2013	<0.0007	
1/16/2014	<0.0007	
7/10/2014	<0.0007	
1/16/2015	<0.0007	
6/20/2015	<0.0007	
1/14/2016	<0.0007	
4/20/2016	0.000111 (J)	
6/14/2016	0.00013 (J)	
8/11/2016	<0.0007	
9/27/2016	<0.0007	
11/14/2016	<0.0007	
1/10/2017	<0.0007	
2/28/2017	<0.0007	
4/20/2017	<0.0007	
7/18/2017	<0.0007	
1/10/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/26/2019	<0.0007	
9/10/2019	0.00019 (J)	
3/31/2020	<0.0007	
9/16/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	0.00024 (J)	
8/3/2022	<0.0007	
2/7/2023	<0.0007	
8/1/2023	<0.0007	
2/6/2024		<0.0007
8/13/2024		<0.0007
2/3/2025		<0.0007
8/5/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.0007	
12/7/2015	<0.0007	
12/15/2015	<0.0007	
12/29/2015	<0.0007	
1/13/2016	<0.0007	
1/25/2016	<0.0007	
4/20/2016	<0.0007	
6/14/2016	<0.0007	
8/9/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/12/2017	<0.0007	
2/28/2017	<0.0007	
4/20/2017	<0.0007	
7/18/2017	<0.0007	
1/10/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/26/2019	<0.0007	
9/10/2019	0.00035 (J)	
3/31/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/18/2021	<0.0007	
2/22/2022	<0.0007	
8/2/2022	<0.0007	
2/6/2023	<0.0007	
8/1/2023	<0.0007	
2/6/2024		<0.0007
8/13/2024		<0.0007
2/4/2025		<0.0007
8/5/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.0007	
12/15/2015	<0.0007	
12/29/2015	<0.0007	
1/13/2016	<0.0007	
1/25/2016	<0.0007	
4/20/2016	<0.0007	
6/14/2016	6.2E-05 (J)	
8/9/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/11/2017	<0.0007	
2/28/2017	<0.0007	
4/20/2017	<0.0007	
7/19/2017	<0.0007	
1/11/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/26/2019	<0.0007	
9/10/2019	<0.0007	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/17/2021	0.00036 (J)	
2/22/2022	<0.0007	
8/2/2022	<0.0007	
2/7/2023	<0.0007	
8/2/2023	<0.0007	
2/6/2024		<0.0007
8/13/2024		<0.0007
2/4/2025		<0.0007
8/4/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.0007	
12/14/2015	<0.0007	
12/28/2015	<0.0007	
1/13/2016	<0.0007	
1/25/2016	<0.0007	
4/20/2016	<0.0007	
6/15/2016	<0.0007	
8/9/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/11/2017	<0.0007	
3/1/2017	<0.0007	
4/20/2017	<0.0007	
7/19/2017	<0.0007	
1/11/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/26/2019	<0.0007	
9/10/2019	0.00015 (J)	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/17/2021	<0.0007	
2/22/2022	<0.0007	
8/2/2022	<0.0007	
2/7/2023	<0.0007	
8/1/2023	<0.0007	
2/6/2024		<0.0007
8/13/2024		<0.0007
2/4/2025		<0.0007
8/5/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.0013	
12/8/2015	0.00049 (J)	
12/14/2015	0.00053 (J)	
12/28/2015	0.00061 (J)	
1/13/2016	0.00063 (J)	
1/26/2016	0.00072 (J)	
4/20/2016	0.000633 (J)	
6/15/2016	0.00055 (J)	
8/9/2016	0.00046 (J)	
9/27/2016	0.00071 (J)	
11/15/2016	0.00056 (J)	
1/11/2017	0.0007 (J)	
3/1/2017	0.00063 (J)	
4/20/2017	0.00055 (J)	
7/19/2017	0.00072 (J)	
1/11/2018	0.00062 (J)	
7/11/2018	0.0004 (J)	
1/29/2019	0.00062 (J)	
3/27/2019	0.00041 (J)	
9/11/2019	0.00064 (J)	
4/1/2020	0.00048 (J)	
9/15/2020	0.00046 (J)	
3/16/2021	0.00057 (J)	
8/19/2021	0.00057 (J)	
2/22/2022	0.00064 (J)	
8/2/2022	0.00057 (J)	
2/8/2023	0.00058 (J)	
8/2/2023	0.00052 (J)	
2/6/2024		0.00065 (J)
8/13/2024		0.00062 (J)
2/4/2025		0.00053 (J)
8/5/2025		0.00044 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.0007	
12/8/2015	<0.0007	
12/14/2015	<0.0007	
12/28/2015	<0.0007	
1/14/2016	<0.0007	
1/26/2016	<0.0007	
4/19/2016	<0.0007	
6/16/2016	8.5E-05 (J)	
8/11/2016	<0.0007	
9/28/2016	<0.0007	
11/16/2016	<0.0007	
1/11/2017	<0.0007	
3/1/2017	<0.0007	
4/25/2017	<0.0007	
7/25/2017	<0.0007	
1/12/2018	<0.0007	
7/11/2018	<0.0007	
1/30/2019	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/2/2022	<0.0007	
2/7/2023	<0.0007	
8/2/2023	<0.0007	
2/7/2024		<0.0007
8/14/2024		<0.0007
2/5/2025		<0.0007
8/6/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.0007	
9/11/2004	<0.0007	
9/26/2004	<0.0007	
7/11/2005	<0.0007	
12/7/2005	<0.0007	
6/24/2006	<0.0007	
11/29/2006	<0.0007	
6/20/2007	<0.0007	
7/6/2007	<0.0007	
12/13/2007	<0.0007	
6/20/2008	<0.0007	
12/7/2008	<0.0007	
7/9/2009	<0.0007	
12/28/2009	<0.0007	
6/22/2010	<0.0007	
1/4/2011	<0.0007	
7/9/2011	<0.0007	
1/21/2012	<0.0007	
7/11/2012	<0.0007	
1/20/2013	<0.0007	
7/19/2013	<0.0007	
1/15/2014	<0.0007	
7/11/2014	<0.0007	
1/16/2015	<0.0007	
6/20/2015	<0.0007	
1/16/2016	<0.0007	
4/20/2016	<0.0007	
6/15/2016	<0.0007	
8/10/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/12/2017	<0.0007	
3/1/2017	<0.0007	
4/20/2017	<0.0007	
7/19/2017	<0.0007	
1/11/2018	<0.0007	
7/12/2018	<0.0007	
1/30/2019	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/18/2021	<0.0007	
2/23/2022	<0.0007	
8/3/2022	0.0001 (J)	
2/7/2023	<0.0007	
8/2/2023	<0.0007	
2/7/2024		<0.0007
8/14/2024		<0.0007
2/5/2025		<0.0007
8/6/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.0007	
12/15/2015	<0.0007	
12/28/2015	<0.0007	
1/14/2016	<0.0007	
1/26/2016	<0.0007	
4/19/2016	0.00017 (J)	
6/16/2016	0.00018 (J)	
8/10/2016	<0.0007	
9/28/2016	<0.0007	
11/15/2016	<0.0007	
1/16/2017	<0.0007	
3/1/2017	<0.0007	
4/25/2017	<0.0007	
7/25/2017	<0.0007	
1/12/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	0.0002 (J)	
3/27/2019	<0.0007	
9/11/2019	0.00031 (J)	
4/1/2020	<0.0007	
9/16/2020	<0.0007	
3/16/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/3/2022	0.00016 (J)	
2/8/2023	0.00018 (J)	
8/2/2023	0.00025 (J)	
2/7/2024		0.00011 (J)
8/14/2024		0.00015 (J)
2/4/2025		0.00014 (J)
8/5/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.0007	
12/14/2015	0.00031 (J)	
12/29/2015	0.00075 (J)	
1/14/2016	0.00039 (J)	
1/25/2016	0.00078 (J)	
4/21/2016	0.00052 (J)	
6/16/2016	0.00044 (J)	
8/10/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/13/2017	0.00036 (J)	
3/1/2017	<0.0007	
4/25/2017	<0.0007	
7/25/2017	<0.0007	
1/12/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	0.00016 (J)	
3/27/2019	<0.0007	
9/11/2019	0.00029 (J)	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/19/2021	<0.0007	
2/22/2022	<0.0007	
8/3/2022	0.00016 (J)	
2/8/2023	0.00011 (J)	
8/2/2023	0.00015 (J)	
2/7/2024		0.00013 (J)
8/14/2024		0.00016 (J)
2/5/2025		0.00013 (J)
8/5/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.0007	
12/14/2015	<0.0007	
12/29/2015	<0.0007	
1/14/2016	<0.0007	
1/25/2016	<0.0007	
4/21/2016	<0.0007	
6/16/2016	0.00012 (J)	
8/10/2016	<0.0007	
9/27/2016	0.00062 (J)	
11/15/2016	<0.0007	
1/12/2017	<0.0007	
3/1/2017	<0.0007	
4/24/2017	<0.0007	
7/25/2017	<0.0007	
1/11/2018	<0.0007	
7/11/2018	<0.0007	
1/30/2019	0.00014 (J)	
3/27/2019	<0.0007	
9/11/2019	0.00029 (J)	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/4/2022	0.00014 (J)	
2/8/2023	<0.0007	
8/3/2023	0.00011 (J)	
2/7/2024		0.00012 (J)
8/14/2024		0.00013 (J)
2/5/2025		0.00013 (J)
8/5/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.0007	
8/10/2016	<0.0007	
9/28/2016	<0.0007	
11/16/2016	<0.0007	
1/17/2017	<0.0007	
3/2/2017	<0.0007	
4/25/2017	<0.0007	
7/13/2017	<0.0007	
7/25/2017	<0.0007	
1/12/2018	<0.0007	
7/12/2018	<0.0007	
1/30/2019	0.00015 (J)	
3/27/2019	<0.0007	
9/11/2019	0.00018 (J)	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/4/2022	<0.0007	
2/8/2023	0.00013 (J)	
8/3/2023	0.0001 (J)	
2/7/2024		<0.0007
8/14/2024		9.5E-05 (J)
2/5/2025		<0.0007
8/6/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.0007	
9/11/2004	<0.0007	
9/26/2004	<0.0007	
10/13/2004	<0.0007	
7/12/2005	<0.0007	
12/8/2005	<0.0007	
6/25/2006	<0.0007	
11/29/2006	<0.0007	
6/20/2007	<0.0007	
7/6/2007	<0.0007	
12/13/2007	<0.0007	
6/20/2008	<0.0007	
12/7/2008	<0.0007	
7/9/2009	<0.0007	
12/29/2009	<0.0007	
6/22/2010	<0.0007	
1/5/2011	<0.0007	
7/9/2011	<0.0007	
1/21/2012	<0.0007	
7/11/2012	<0.0007	
1/19/2013	<0.0007	
7/18/2013	<0.0007	
1/15/2014	<0.0007	
7/10/2014	<0.0007	
1/16/2015	<0.0007	
6/20/2015	<0.0007	
1/14/2016	<0.0007	
4/19/2016	<0.0007	
6/15/2016	<0.0007	
8/10/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/13/2017	<0.0007	
3/1/2017	<0.0007	
4/24/2017	<0.0007	
7/24/2017	<0.0007	
1/12/2018	<0.0007	
7/12/2018	<0.0007	
1/30/2019	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
4/1/2020	<0.0007	
9/16/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/3/2022	0.00011 (J)	
2/8/2023	9.5E-05 (J)	
8/2/2023	<0.0007	
2/7/2024		0.00012 (J)
8/14/2024		0.0001 (J)
2/5/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	0.0024	
11/28/2006	0.0019	
6/19/2007	0.0021	
7/6/2007	0.0021	
12/13/2007	0.0021	
6/20/2008	0.0017	
12/7/2008	0.0018	
7/9/2009	0.0015	
12/28/2009	0.002	
6/22/2010	0.0017	
1/4/2011	0.002	
7/9/2011	0.0027	
1/21/2012	<0.005	
7/11/2012	0.0061 (O)	
1/20/2013	0.002	
7/19/2013	0.0021	
1/15/2014	0.0029	
7/11/2014	0.002	
1/16/2015	0.0026	
6/20/2015	0.002	
1/16/2016	0.0015	
4/19/2016	<0.005	
6/14/2016	0.0017 (J)	
8/9/2016	0.0014 (J)	
9/26/2016	0.0016 (J)	
11/15/2016	0.0015 (J)	
1/10/2017	0.0015 (J)	
2/28/2017	0.0044	
4/19/2017	0.0011 (J)	
7/17/2017	0.0011 (J)	
1/10/2018	0.0014 (J)	
7/11/2018	0.0011 (J)	
1/29/2019	0.0019 (J)	
3/27/2019	0.0016 (J)	
9/11/2019	0.004	
4/1/2020	0.0017 (J)	
9/15/2020	0.0015 (J)	
3/16/2021	0.0015 (J)	
8/17/2021	0.0016 (J)	
2/22/2022	0.0018 (J)	
8/2/2022	0.0015 (J)	
2/7/2023	0.0028	
8/1/2023	0.0025	
2/6/2024		0.002
8/15/2024		0.0018 (J)
2/4/2025		0.0019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	0.0024	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	0.0021	
11/28/2006	0.0023	
6/19/2007	0.0049	
7/6/2007	0.0049	
12/13/2007	0.0013	
6/20/2008	0.0025	
12/7/2008	0.0034	
7/9/2009	<0.005	
12/28/2009	0.0021	
6/22/2010	0.0018	
1/5/2011	0.077 (O)	
7/9/2011	0.004	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	0.0013	
7/18/2013	0.0022	
1/15/2014	0.0019	
7/11/2014	0.0014	
1/15/2015	0.0011 (J)	
6/19/2015	0.0012 (J)	
1/16/2016	0.0014	
4/19/2016	<0.005	
6/14/2016	0.00085 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	0.0011 (J)	
1/10/2017	0.0012 (J)	
2/28/2017	0.004	
4/19/2017	0.0011 (J)	
7/18/2017	<0.005	
1/10/2018	0.0012 (J)	
7/11/2018	0.0011 (J)	
1/29/2019	0.0016 (J)	
3/27/2019	0.0014 (J)	
9/11/2019	0.0034	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	0.0015 (J)	
8/17/2021	0.0015 (J)	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.0019 (J)	
8/2/2023	0.0022	
2/6/2024		<0.005
8/13/2024		0.0017 (J)
2/4/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	0.0022	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	0.0078	
6/22/2010	<0.005	
1/4/2011	0.0037	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0096	
1/20/2013	0.0052	
7/19/2013	0.002	
1/16/2014	0.0061	
7/10/2014	<0.005	
1/16/2015	0.002	
6/20/2015	0.0011 (J)	
1/14/2016	0.0011 (J)	
4/20/2016	<0.005	
6/14/2016	0.0013 (J)	
8/11/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.0048	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00099 (J)	
3/26/2019	<0.005	
9/10/2019	0.0031	
3/31/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/3/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	0.22 (O)	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	0.0023	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	0.004	
6/22/2010	<0.005	
1/4/2011	0.0027	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0038	
1/19/2013	0.002	
7/18/2013	0.0023	
1/15/2014	0.0012 (J)	
7/10/2014	0.0012 (J)	
1/15/2015	<0.005	
6/19/2015	0.0037	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	0.0011 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	0.0054	
4/20/2017	0.0013 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0014 (J)	
3/26/2019	<0.005	
9/10/2019	0.0041	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.002	
8/1/2023	0.0016 (J)	
2/6/2024		<0.005
8/13/2024		0.0043
2/4/2025		0.0015 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.01 (O)	
6/14/2016	0.0094 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
2/28/2017	0.0049	
4/20/2017	0.0011 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0037	
3/26/2019	0.0014 (J)	
9/10/2019	0.0052	
3/31/2020	0.0019 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	0.0025	
8/1/2023	0.0018 (J)	
2/6/2024		0.0021
8/13/2024		0.0022
2/4/2025		0.0023
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	0.00086 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	0.0047	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0014 (J)	
3/26/2019	<0.005	
9/10/2019	0.004	
12/17/2019	0.0035	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.0021	
8/2/2023	0.0021	
2/6/2024		<0.005
8/13/2024		0.0028
2/4/2025		0.0017 (J)
8/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/15/2016	0.0008 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	0.0051	
4/20/2017	0.0012 (J)	
7/19/2017	0.0013 (J)	
1/11/2018	0.0011 (J)	
7/11/2018	<0.005	
1/29/2019	0.0021 (J)	
3/26/2019	0.0016 (J)	
9/11/2019	0.0038	
12/17/2019	0.0039	
4/1/2020	0.0015 (J)	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.0021	
8/1/2023	0.0019 (J)	
2/6/2024		0.0014 (J)
8/13/2024		0.0031
2/4/2025		0.0021
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.00072 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	0.0011 (J)	
1/11/2017	0.0012 (J)	
3/1/2017	0.0052	
4/20/2017	0.0013 (J)	
7/19/2017	0.0015 (J)	
1/11/2018	0.0013 (J)	
7/11/2018	0.0012 (J)	
1/29/2019	0.0024 (J)	
3/26/2019	0.0015 (J)	
9/10/2019	0.004	
4/1/2020	0.024	
9/15/2020	0.0015 (J)	
3/16/2021	0.0017 (J)	
8/17/2021	0.0019 (J)	
2/22/2022	0.0015 (J)	
8/2/2022	<0.005	
2/7/2023	0.0025	
8/1/2023	0.0024	
2/6/2024		0.0016 (J)
8/13/2024		0.0018 (J)
2/4/2025		0.0022
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/26/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.0018 (J)	
8/9/2016	0.002 (J)	
9/27/2016	0.0021 (J)	
11/15/2016	0.002 (J)	
1/11/2017	0.0025	
3/1/2017	0.0067	
4/20/2017	0.0024 (J)	
7/19/2017	0.0025	
1/11/2018	0.0026	
7/11/2018	0.0025	
1/29/2019	0.0041	
3/27/2019	0.0028	
9/11/2019	0.0059	
4/1/2020	0.0032	
9/15/2020	0.0027	
3/16/2021	0.0031	
8/19/2021	0.0027	
2/22/2022	0.003	
8/2/2022	0.0033	
2/8/2023	0.0044	
8/2/2023	0.0039	
2/6/2024		0.0029
8/13/2024		0.0033
2/4/2025		0.0036
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	0.0012 (J)	
12/14/2015	0.0018	
12/28/2015	0.0017	
1/14/2016	<0.005	
1/26/2016	0.0013	
4/19/2016	0.00277 (J)	
6/16/2016	0.0021 (J)	
8/11/2016	0.0023 (J)	
9/28/2016	0.0022 (J)	
11/16/2016	0.0019 (J)	
1/11/2017	0.0025	
3/1/2017	0.0065	
4/25/2017	0.0026	
7/25/2017	0.0023 (J)	
1/12/2018	0.002 (J)	
7/11/2018	0.0022 (J)	
1/30/2019	0.0049	
3/27/2019	0.0025	
9/11/2019	0.0049	
12/18/2019	0.0021	
4/1/2020	0.0025	
9/15/2020	0.0025	
3/17/2021	0.0027	
8/19/2021	0.0025	
2/23/2022	0.0025	
8/2/2022	0.0025	
2/7/2023	0.0043	
8/2/2023	0.0025	
2/7/2024		0.0025
8/14/2024		0.0037
2/5/2025		0.0034
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	0.0021	
6/24/2006	0.002	
11/29/2006	0.0024	
6/20/2007	0.0034	
7/6/2007	0.0034	
12/13/2007	0.0029	
6/20/2008	0.002	
12/7/2008	0.072 (O)	
2/6/2009	0.0035	
7/9/2009	0.0017	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	0.0023	
7/9/2011	0.005	
1/21/2012	<0.005	
7/11/2012	0.0023	
1/20/2013	0.003	
7/19/2013	<0.005	
1/15/2014	0.002	
7/11/2014	0.0012 (J)	
1/16/2015	0.0011 (J)	
6/20/2015	0.0028	
1/16/2016	0.0013	
4/20/2016	<0.005	
6/15/2016	0.0011 (J)	
8/10/2016	0.0015 (J)	
9/27/2016	0.0018 (J)	
11/15/2016	0.0019 (J)	
1/12/2017	0.0012 (J)	
3/1/2017	0.0049	
4/20/2017	<0.005	
7/19/2017	0.0017 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0021 (J)	
3/27/2019	<0.005	
9/11/2019	0.0035	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	0.0018 (J)	
2/23/2022	<0.005	
8/3/2022	0.0015 (J)	
2/7/2023	0.0024	
8/2/2023	0.0024	
2/7/2024		0.0018 (J)
8/14/2024		0.0032
2/5/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.0013	
9/11/2004	0.0027	
9/26/2004	<0.0013	
10/13/2004	<0.0013	
7/12/2005	0.0036	
12/7/2005	0.0042	
6/24/2006	0.0045	
11/29/2006	0.0017	
6/20/2007	<0.0013	
7/6/2007	<0.0013	
12/13/2007	<0.0013	
6/20/2008	<0.0013	
12/7/2008	<0.0013	
7/10/2009	0.0021	
12/29/2009	0.0023	
6/22/2010	0.0051	
1/4/2011	0.0026	
7/10/2011	<0.0013	
1/21/2012	<0.0013	
7/11/2012	0.0018	
1/20/2013	0.0014	
7/19/2013	0.0032	
7/20/2013	<0.0013	
1/16/2014	0.0058	
7/10/2014	0.0034	
1/16/2015	0.0024	
6/20/2015	0.0072	
1/16/2016	0.0076	
4/21/2016	0.00617 (J)	
6/16/2016	0.007 (J)	
8/10/2016	0.0056	
9/27/2016	0.0057	
11/15/2016	0.0062	
1/12/2017	0.0061	
3/1/2017	0.01	
4/24/2017	0.0053	
7/24/2017	0.0055	
1/11/2018	0.0055	
7/12/2018	0.0017 (J)	
1/30/2019	0.0071	
3/27/2019	0.0035	
9/11/2019	0.004	
4/1/2020	0.0084	
9/15/2020	0.0018 (J)	
3/16/2021	0.0054	
8/18/2021	0.0026	
2/23/2022	0.0031	
8/3/2022	0.0031	
2/8/2023	0.0038	
8/2/2023	0.0051	
2/7/2024		0.003
8/14/2024		0.0047

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
2/4/2025		0.0043
8/6/2025		0.0045 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	0.0033	
9/11/2004	0.0038	
9/26/2004	0.0031	
10/13/2004	<0.005	
7/12/2005	0.0039	
12/7/2005	0.0053	
6/25/2006	0.0069	
11/28/2006	0.0056	
6/21/2007	0.0063	
7/6/2007	0.0063	
12/14/2007	0.0058	
6/20/2008	0.013	
12/7/2008	0.0048	
7/10/2009	0.0086	
12/29/2009	0.0077	
6/22/2010	0.0046	
1/5/2011	0.0053	
7/9/2011	0.007	
1/21/2012	0.0073	
7/11/2012	0.01	
1/19/2013	0.0058	
7/19/2013	0.005	
1/15/2014	0.0081	
7/11/2014	0.0087	
1/16/2015	0.0061	
6/20/2015	0.005	
1/14/2016	0.0045	
4/20/2016	0.00856 (J)	
6/15/2016	0.0061 (J)	
8/10/2016	0.0052	
9/27/2016	0.0051	
11/15/2016	0.005	
1/12/2017	0.0051	
3/1/2017	0.0088	
4/24/2017	0.0049	
7/24/2017	0.0049	
1/11/2018	0.0044	
7/12/2018	0.0023 (J)	
1/30/2019	0.006	
3/27/2019	0.0031	
9/11/2019	0.0071	
4/2/2020	0.0055	
9/15/2020	0.0028	
3/17/2021	0.0031	
8/18/2021	0.004	
2/23/2022	0.005	
8/2/2022	0.0046	
2/8/2023	0.0059	
8/2/2023	0.0047	
2/7/2024		0.0058
8/14/2024		0.0053
2/5/2025		0.0067

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025		0.004 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	0.002	
11/28/2006	0.0015	
6/20/2007	0.0021	
7/6/2007	0.0021	
12/13/2007	0.0025	
6/20/2008	0.0017	
12/7/2008	0.0016	
7/10/2009	0.0017	
12/28/2009	0.0018	
6/22/2010	0.0018	
1/4/2011	0.0039	
7/9/2011	0.0041	
1/20/2012	<0.005	
7/11/2012	0.0052	
1/19/2013	0.0025	
7/18/2013	0.0035	
1/15/2014	0.0082	
7/11/2014	0.0048	
1/15/2015	0.0022	
6/19/2015	0.0024	
1/16/2016	0.002	
4/20/2016	<0.005	
6/15/2016	0.0016 (J)	
8/10/2016	0.0016 (J)	
9/27/2016	0.0019 (J)	
11/15/2016	0.0017 (J)	
1/12/2017	0.0017 (J)	
3/1/2017	0.0055	
4/20/2017	0.0016 (J)	
7/20/2017	0.0017 (J)	
1/11/2018	0.0016 (J)	
7/12/2018	0.0015 (J)	
1/30/2019	0.0039	
3/27/2019	0.0019 (J)	
9/11/2019	0.0036	
4/1/2020	0.0019 (J)	
9/16/2020	0.0016 (J)	
3/16/2021	0.0019 (J)	
8/18/2021	0.0037	
2/23/2022	0.0016 (J)	
8/3/2022	0.0019 (J)	
2/7/2023	0.002	
8/2/2023	0.0023	
2/8/2024		0.002
8/14/2024		0.0021
2/5/2025		0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.0026	
12/15/2015	0.0017	
12/28/2015	0.0016	
1/14/2016	0.0016	
1/26/2016	0.0016	
4/19/2016	<0.005	
6/16/2016	0.0016 (J)	
8/10/2016	0.0016 (J)	
9/28/2016	<0.005	
11/15/2016	<0.005	
1/16/2017	0.0013 (J)	
3/1/2017	0.0056	
4/25/2017	0.0019 (J)	
7/25/2017	0.0013 (J)	
1/12/2018	0.0017 (J)	
7/11/2018	0.0011 (J)	
1/29/2019	0.0019 (J)	
3/27/2019	0.0014 (J)	
9/11/2019	0.0043	
4/1/2020	0.0018 (J)	
9/16/2020	0.0015 (J)	
3/16/2021	0.0017 (J)	
8/19/2021	0.0015 (J)	
2/23/2022	0.0016 (J)	
8/3/2022	0.0017 (J)	
2/8/2023	0.0026	
8/2/2023	0.0023	
2/7/2024		0.0016 (J)
8/14/2024		0.0023
2/4/2025		0.002
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.0008 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	<0.005	
3/1/2017	0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0013 (J)	
3/27/2019	<0.005	
9/11/2019	0.0034	
12/18/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	0.0018 (J)	
2/22/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	0.002	
8/2/2023	0.004	
2/7/2024		<0.005
8/14/2024		0.0015 (J)
2/5/2025		0.0019 (J)
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.00031 (J)	
8/10/2016	<0.005	
9/27/2016	0.35 (O)	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	0.0044	
4/24/2017	<0.005	
7/25/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	0.0017 (J)	
3/27/2019	<0.005	
9/11/2019	0.0025	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/4/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024		<0.005
8/14/2024		0.0013 (J)
2/5/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.00023 (J)	
8/10/2016	<0.005	
9/28/2016	<0.005	
11/16/2016	<0.005	
1/17/2017	<0.005	
3/2/2017	0.0017 (J)	
4/25/2017	<0.005	
7/13/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0019 (J)	
3/27/2019	<0.005	
9/11/2019	0.004	
12/18/2019	0.0018 (J)	
4/1/2020	0.0022	
9/15/2020	0.0023	
3/17/2021	0.0027	
8/19/2021	0.0023	
2/23/2022	0.0028	
8/4/2022	0.0029	
2/8/2023	0.0033	
8/3/2023	0.0026	
2/7/2024		0.0029
8/14/2024		0.0039
2/5/2025		0.0036
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	0.0017	
7/6/2007	0.0017	
12/13/2007	0.0021	
6/20/2008	0.0021	
12/7/2008	0.0018	
7/9/2009	0.0024	
12/29/2009	0.0021	
6/22/2010	<0.005	
1/5/2011	0.0034	
7/9/2011	0.0018	
1/21/2012	<0.005	
7/11/2012	0.0038	
1/19/2013	0.0065 (O)	
7/18/2013	0.0029	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/19/2016	<0.005	
6/15/2016	0.00021 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	0.0012 (J)	
3/1/2017	0.0043	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0012 (J)	
3/27/2019	<0.005	
9/11/2019	0.0025	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	0.0013 (J)	
8/2/2023	0.0012 (J)	
2/7/2024		<0.005
8/14/2024		0.0013 (J)
2/5/2025		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025		<0.005

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0017	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	0.0011 (J)	
7/11/2014	0.0012 (J)	
1/16/2015	0.00083 (J)	
6/20/2015	0.0013	
1/16/2016	0.0012 (J)	
4/19/2016	<0.005	
6/14/2016	0.001 (J)	
8/9/2016	0.0012 (J)	
9/26/2016	0.0012 (J)	
11/15/2016	0.0013 (J)	
1/10/2017	0.0011 (J)	
2/28/2017	0.0014 (J)	
4/19/2017	0.0012 (J)	
7/17/2017	0.0013 (J)	
1/10/2018	0.0013 (J)	
7/11/2018	0.0013 (J)	
1/29/2019	0.001 (J)	
3/27/2019	0.0011 (J)	
9/11/2019	0.0015	
4/1/2020	0.0013 (J)	
9/15/2020	0.00099 (J)	
3/16/2021	0.0013 (J)	
8/17/2021	0.0015 (J)	
2/22/2022	0.0015 (J)	
8/2/2022	0.0013 (J)	
2/7/2023	0.0012 (J)	
8/1/2023	0.0015 (J)	
2/6/2024		0.0015 (J)
8/15/2024		0.0014 (J)
2/4/2025		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025		0.0012 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	0.0066 (O)	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	0.00044 (J)	
8/9/2016	0.00042 (J)	
9/27/2016	0.00042 (J)	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.00048 (J)	
4/19/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00035 (J)	
3/27/2019	<0.005	
9/11/2019	0.00039 (J)	
4/1/2020	0.00024 (J)	
9/15/2020	<0.005	
3/16/2021	0.00033 (J)	
8/17/2021	0.00039 (J)	
2/22/2022	0.00037 (J)	
8/2/2022	0.00031 (J)	
2/7/2023	0.00026 (J)	
8/2/2023	0.00032 (J)	
2/6/2024		0.00025 (J)
8/13/2024		0.00031 (J)
2/4/2025		0.00024 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	0.013	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	0.0061	
7/11/2012	0.01	
1/20/2013	0.0033	
7/19/2013	<0.005	
1/16/2014	0.0027	
7/10/2014	<0.005	
1/16/2015	0.0077	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	0.0004 (J)	
8/11/2016	0.0046	
9/27/2016	0.001 (J)	
11/14/2016	<0.005	
1/10/2017	0.00044 (J)	
2/28/2017	0.001 (J)	
4/20/2017	0.00059 (J)	
7/18/2017	0.00079 (J)	
1/10/2018	0.0018 (J)	
7/11/2018	0.0044	
1/29/2019	0.0033	
3/26/2019	0.0037	
9/10/2019	0.0031	
3/31/2020	0.0038	
9/16/2020	0.0014 (J)	
3/17/2021	0.0014 (J)	
8/19/2021	0.0013 (J)	
2/23/2022	0.0013 (J)	
8/3/2022	0.0017 (J)	
2/7/2023	0.0013 (J)	
8/1/2023	0.0013 (J)	
2/6/2024		0.0014 (J)
8/13/2024		0.0011 (J)
2/3/2025		0.0011 (J)
8/5/2025		0.00069 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	0.011	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0072	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	0.00075 (J)	
7/10/2014	0.0007 (J)	
1/15/2015	0.0007 (J)	
6/19/2015	0.0011 (J)	
1/14/2016	0.00064 (J)	
4/20/2016	<0.005	
6/14/2016	0.0006 (J)	
8/9/2016	0.00062 (J)	
9/27/2016	0.00059 (J)	
11/15/2016	0.00064 (J)	
1/11/2017	0.00064 (J)	
2/28/2017	0.00078 (J)	
4/20/2017	0.00065 (J)	
7/18/2017	0.00069 (J)	
1/10/2018	0.00068 (J)	
7/11/2018	0.00071 (J)	
1/29/2019	0.00064 (J)	
3/26/2019	0.00064 (J)	
9/10/2019	0.00074	
3/31/2020	0.00067 (J)	
9/15/2020	0.0005 (J)	
3/17/2021	0.00083 (J)	
8/19/2021	0.00079 (J)	
2/22/2022	0.00076 (J)	
8/2/2022	0.00085 (J)	
2/7/2023	0.00094 (J)	
8/1/2023	0.00086 (J)	
2/6/2024		0.00086 (J)
8/13/2024		0.0009 (J)
2/4/2025		0.00083 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025		0.00071 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
1/20/2012	<0.005	
12/7/2015	0.0012 (J)	
12/15/2015	0.00099 (J)	
12/29/2015	0.0012 (J)	
1/13/2016	0.0012 (J)	
1/25/2016	0.00095 (J)	
4/20/2016	<0.005	
6/14/2016	0.00072 (J)	
8/9/2016	0.00041 (J)	
9/27/2016	0.00058 (J)	
11/15/2016	0.00048 (J)	
1/12/2017	0.0014 (J)	
2/28/2017	0.00075 (J)	
4/20/2017	0.0005 (J)	
7/18/2017	0.00051 (J)	
1/10/2018	0.00049 (J)	
7/11/2018	<0.005	
1/29/2019	0.00043 (J)	
3/26/2019	<0.005	
9/10/2019	0.00064	
3/31/2020	0.00034 (J)	
9/15/2020	<0.005	
3/16/2021	0.0005 (J)	
8/18/2021	0.00058 (J)	
2/22/2022	0.00052 (J)	
8/2/2022	0.00044 (J)	
2/6/2023	0.00049 (J)	
8/1/2023	0.00053 (J)	
2/6/2024		0.00049 (J)
8/13/2024		0.00049 (J)
2/4/2025		0.00046 (J)
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.005	
12/7/2015	0.001 (J)	
12/15/2015	0.00078 (J)	
12/29/2015	0.00094 (J)	
1/13/2016	0.001 (J)	
1/25/2016	0.00085 (J)	
4/20/2016	<0.005	
6/14/2016	0.00048 (J)	
8/9/2016	0.00045 (J)	
9/27/2016	0.00046 (J)	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	0.00051 (J)	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00029 (J)	
3/26/2019	<0.005	
9/10/2019	0.00042 (J)	
4/1/2020	0.00033 (J)	
9/15/2020	<0.005	
3/16/2021	0.00035 (J)	
8/17/2021	0.00048 (J)	
2/22/2022	0.00042 (J)	
8/2/2022	0.00038 (J)	
2/7/2023	0.00043 (J)	
8/2/2023	0.00036 (J)	
2/6/2024		0.00041 (J)
8/13/2024		0.00041 (J)
2/4/2025		0.00036 (J)
8/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	0.0011 (J)	
12/15/2015	0.0011 (J)	
12/28/2015	0.0016	
1/13/2016	0.0016	
1/25/2016	0.0014	
4/21/2016	<0.005	
6/15/2016	0.00047 (J)	
8/9/2016	<0.005	
9/27/2016	0.00045 (J)	
11/15/2016	0.00048 (J)	
1/11/2017	0.00046 (J)	
2/28/2017	0.00061 (J)	
4/20/2017	0.00042 (J)	
7/19/2017	0.00041 (J)	
1/11/2018	0.00044 (J)	
7/11/2018	0.0004 (J)	
1/29/2019	0.00037 (J)	
3/26/2019	<0.005	
9/11/2019	0.00044 (J)	
4/1/2020	0.00036 (J)	
9/15/2020	<0.005	
3/17/2021	0.0004 (J)	
8/19/2021	0.0004 (J)	
2/22/2022	0.00051 (J)	
8/2/2022	0.00042 (J)	
2/7/2023	0.0004 (J)	
8/1/2023	0.00043 (J)	
2/6/2024		0.00046 (J)
8/13/2024		0.00051 (J)
2/4/2025		0.00041 (J)
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	0.0012 (J)	
12/14/2015	0.001 (J)	
12/28/2015	0.0012 (J)	
1/13/2016	0.001 (J)	
1/25/2016	0.00089 (J)	
4/20/2016	<0.005	
6/15/2016	0.00063 (J)	
8/9/2016	0.00055 (J)	
9/27/2016	0.00059 (J)	
11/15/2016	0.0005 (J)	
1/11/2017	0.00044 (J)	
3/1/2017	0.00066 (J)	
4/20/2017	0.00045 (J)	
7/19/2017	0.00047 (J)	
1/11/2018	0.00043 (J)	
7/11/2018	0.00043 (J)	
1/29/2019	0.00044 (J)	
3/26/2019	<0.005	
9/10/2019	0.0005	
4/1/2020	0.00036 (J)	
9/15/2020	<0.005	
3/16/2021	0.00047 (J)	
8/17/2021	0.00043 (J)	
2/22/2022	0.00048 (J)	
8/2/2022	0.00049 (J)	
2/7/2023	0.00047 (J)	
8/1/2023	0.00055 (J)	
2/6/2024		0.00045 (J)
8/13/2024		0.00049 (J)
2/4/2025		0.00039 (J)
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.005	
12/8/2015	0.0018	
12/14/2015	0.0016	
12/28/2015	0.0015	
1/13/2016	0.0013	
1/26/2016	0.0012 (J)	
4/20/2016	<0.005	
6/15/2016	0.00073 (J)	
8/9/2016	0.00069 (J)	
9/27/2016	0.00081 (J)	
11/15/2016	0.00071 (J)	
1/11/2017	0.00062 (J)	
3/1/2017	0.00081 (J)	
4/20/2017	0.00053 (J)	
7/19/2017	0.00051 (J)	
1/11/2018	0.00046 (J)	
7/11/2018	<0.005	
1/29/2019	0.00038 (J)	
3/27/2019	<0.005	
9/11/2019	0.00034 (J)	
4/1/2020	0.00023 (J)	
9/15/2020	<0.005	
3/16/2021	0.00027 (J)	
8/19/2021	0.00023 (J)	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	0.00017 (J)	
8/11/2016	<0.005	
9/28/2016	<0.005	
11/16/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	0.0004 (J)	
3/27/2019	<0.005	
9/11/2019	8.2E-05 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0013	
1/20/2013	0.0013	
7/19/2013	0.0015	
1/15/2014	0.0017	
7/11/2014	0.0018	
1/16/2015	0.0019	
6/20/2015	0.002	
1/16/2016	0.0015	
4/20/2016	<0.005	
6/15/2016	0.0015 (J)	
8/10/2016	0.0016 (J)	
9/27/2016	0.0016 (J)	
11/15/2016	0.0015 (J)	
1/12/2017	0.0016 (J)	
3/1/2017	0.0021 (J)	
4/20/2017	0.0018 (J)	
7/19/2017	0.0015 (J)	
1/11/2018	0.0019 (J)	
7/12/2018	0.0018 (J)	
1/30/2019	0.0016 (J)	
3/27/2019	0.0017 (J)	
9/11/2019	0.002	
4/1/2020	0.0016 (J)	
9/15/2020	0.0014 (J)	
3/16/2021	0.0017 (J)	
8/18/2021	0.0018 (J)	
2/23/2022	0.0017 (J)	
8/3/2022	0.00034 (J)	
2/7/2023	0.0016 (J)	
8/2/2023	0.0016 (J)	
2/7/2024		0.0015 (J)
8/14/2024		0.0016 (J)
2/5/2025		0.0013 (J)
8/6/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/19/2012	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
7/20/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	0.0006 (J)	
1/16/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	1E-05 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0001 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/14/2024		<0.005
2/4/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	0.0071	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	0.0037	
1/21/2012	0.0062	
7/11/2012	0.007	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	0.0028	
7/11/2014	<0.005	
1/16/2015	0.0048	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.00011 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/2/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	0.00016 (J)	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	0.0039	
1/20/2012	<0.005	
7/11/2012	0.012 (O)	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	0.005	
7/11/2014	0.00079 (J)	
1/15/2015	0.00069 (J)	
6/19/2015	0.0007 (J)	
1/16/2016	0.00061 (J)	
4/20/2016	<0.005	
6/15/2016	0.00051 (J)	
8/10/2016	0.00052 (J)	
9/27/2016	0.00077 (J)	
11/15/2016	0.00055 (J)	
1/12/2017	0.0005 (J)	
3/1/2017	0.00079 (J)	
4/20/2017	0.00056 (J)	
7/20/2017	0.00051 (J)	
1/11/2018	0.0006 (J)	
7/12/2018	0.00056 (J)	
1/30/2019	0.0006 (J)	
3/27/2019	0.00051 (J)	
9/11/2019	0.00067	
4/1/2020	0.00051 (J)	
9/16/2020	0.00023 (J)	
3/16/2021	0.00058 (J)	
8/18/2021	0.00065 (J)	
2/23/2022	0.00049 (J)	
8/3/2022	0.00068 (J)	
2/7/2023	0.00058 (J)	
8/2/2023	0.00055 (J)	
2/8/2024		0.00062 (J)
8/14/2024		0.00066 (J)
2/5/2025		0.00057 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025		0.00047 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.00084 (J)	
12/15/2015	0.00063 (J)	
12/28/2015	0.00071 (J)	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	6.7E-05 (J)	
8/10/2016	<0.005	
9/28/2016	<0.005	
11/15/2016	<0.005	
1/16/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	9.9E-05 (J)	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.0055	
12/14/2015	0.0073	
12/29/2015	0.0076	
1/14/2016	0.0056	
1/25/2016	0.0061	
4/21/2016	0.00468 (J)	
6/16/2016	0.0032 (J)	
8/10/2016	0.0025	
9/27/2016	0.0023 (J)	
11/15/2016	0.0019 (J)	
1/13/2017	0.0017 (J)	
3/1/2017	0.0021 (J)	
4/25/2017	0.0016 (J)	
7/25/2017	0.0016 (J)	
1/12/2018	0.0014 (J)	
7/11/2018	0.0013 (J)	
1/29/2019	0.00084 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.0014	
4/1/2020	0.00094 (J)	
9/15/2020	0.00097 (J)	
3/16/2021	0.0009 (J)	
8/19/2021	0.00088 (J)	
2/22/2022	0.0009 (J)	
8/3/2022	0.00091 (J)	
2/8/2023	0.00075 (J)	
8/2/2023	0.00082 (J)	
2/7/2024		0.00078 (J)
8/14/2024		0.00072 (J)
2/5/2025		0.00067 (J)
8/5/2025		0.00062 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	0.0013	
12/14/2015	0.0014	
12/29/2015	0.0018	
1/14/2016	0.0018	
1/25/2016	0.0019	
4/21/2016	<0.005	
6/16/2016	0.0021 (J)	
8/10/2016	0.0015 (J)	
9/27/2016	0.015 (O)	
11/15/2016	0.0017 (J)	
1/12/2017	0.0014 (J)	
3/1/2017	0.0019 (J)	
4/24/2017	0.0015 (J)	
7/25/2017	0.0014 (J)	
1/11/2018	0.0013 (J)	
7/11/2018	0.0012 (J)	
1/30/2019	0.00099 (J)	
3/27/2019	0.001 (J)	
9/11/2019	0.0012	
4/1/2020	0.00088 (J)	
9/15/2020	0.00088 (J)	
3/17/2021	0.00092 (J)	
8/19/2021	0.00077 (J)	
2/23/2022	0.00079 (J)	
8/4/2022	0.00083 (J)	
2/8/2023	0.00077 (J)	
8/3/2023	0.0007 (J)	
2/7/2024		0.0008 (J)
8/14/2024		0.00079 (J)
2/5/2025		0.00077 (J)
8/5/2025		0.0007 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.0019 (J)	
8/10/2016	0.0051	
9/28/2016	0.0058	
11/16/2016	0.0063	
1/17/2017	0.0057	
3/2/2017	0.0095	
4/25/2017	0.0078	
7/13/2017	0.0061	
7/25/2017	0.0074	
1/12/2018	0.0072	
7/12/2018	0.0077	
1/30/2019	0.0061	
3/27/2019	0.006	
9/11/2019	0.0059	
4/1/2020	0.0037	
9/15/2020	0.0032	
3/17/2021	0.0035	
8/19/2021	0.0025	
2/23/2022	0.0026	
8/4/2022	0.0016 (J)	
2/8/2023	0.0014 (J)	
8/3/2023	0.00045 (J)	
2/7/2024		0.0012 (J)
8/14/2024		0.0013 (J)
2/5/2025		0.00095 (J)
8/6/2025		0.001 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0013	
1/19/2013	0.0055	
7/18/2013	<0.005	
1/15/2014	0.00052 (J)	
7/10/2014	0.00055 (J)	
1/16/2015	<0.005	
6/20/2015	0.00052 (J)	
1/14/2016	0.00051 (J)	
4/19/2016	<0.005	
6/15/2016	0.00052 (J)	
8/10/2016	0.0006 (J)	
9/27/2016	0.00063 (J)	
11/15/2016	0.00053 (J)	
1/13/2017	0.00052 (J)	
3/1/2017	0.00084 (J)	
4/24/2017	0.00055 (J)	
7/24/2017	0.00058 (J)	
1/12/2018	0.00054 (J)	
7/12/2018	0.00072 (J)	
1/30/2019	0.00066 (J)	
3/27/2019	0.00051 (J)	
9/11/2019	0.00083	
4/1/2020	0.00042 (J)	
9/16/2020	0.00037 (J)	
3/17/2021	0.00092 (J)	
8/19/2021	0.00063 (J)	
2/23/2022	0.00064 (J)	
8/3/2022	0.00034 (J)	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		0.00039 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025		0.00041 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.002	
9/11/2004	0.003	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/11/2005	<0.002	
12/7/2005	<0.002	
6/23/2006	<0.002	
11/28/2006	<0.002	
6/19/2007	<0.002	
7/6/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/28/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/20/2013	<0.002	
7/19/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	<0.002	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/16/2016	<0.002	
6/14/2016	<0.002	
1/10/2017	<0.002	
7/17/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/17/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024		<0.002
8/15/2024		<0.002
2/4/2025		<0.002
8/5/2025		0.0024

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	0.0029	
10/13/2004	<0.002	
7/11/2005	<0.002	
12/7/2005	<0.002	
6/23/2006	0.0026	
11/28/2006	<0.002	
6/19/2007	0.0034	
7/6/2007	0.0034	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/28/2009	<0.002	
6/22/2010	<0.002	
1/5/2011	0.014 (O)	
7/9/2011	<0.002	
1/20/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/18/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	<0.002	
1/15/2015	<0.002	
6/19/2015	<0.002	
1/16/2016	<0.002	
6/14/2016	<0.002	
1/10/2017	<0.002	
7/18/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00092 (J)	
4/1/2020	<0.002	
9/15/2020	0.00095 (J)	
3/16/2021	<0.002	
8/17/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	<0.002	
2/6/2024		<0.002
8/13/2024		<0.002
2/4/2025		<0.002
8/6/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	0.0023	
9/11/2004	<0.002	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/12/2005	<0.002	
12/8/2005	<0.002	
6/24/2006	<0.002	
11/28/2006	<0.002	
6/19/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/30/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/10/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/20/2013	<0.002	
7/19/2013	<0.002	
1/16/2014	<0.002	
7/10/2014	<0.002	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/14/2016	<0.002	
6/14/2016	<0.002	
1/10/2017	<0.002	
7/18/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	0.0021 (J)	
9/10/2019	0.0016 (J)	
3/31/2020	0.0051	
9/16/2020	0.00079 (J)	
3/17/2021	0.0012 (J)	
8/19/2021	0.00087 (J)	
2/23/2022	0.0012 (J)	
8/3/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024		<0.002
8/13/2024		<0.002
2/3/2025		<0.002
8/5/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/12/2005	<0.002	
12/8/2005	<0.002	
6/24/2006	<0.002	
11/28/2006	<0.002	
6/19/2007	<0.002	
7/6/2007	<0.002	
12/14/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/29/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/18/2013	<0.002	
1/15/2014	<0.002	
7/10/2014	<0.002	
1/15/2015	<0.002	
6/19/2015	<0.002	
1/14/2016	0.00084 (J)	
6/14/2016	0.0021 (J)	
1/11/2017	<0.002	
7/18/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/31/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024		<0.002
8/13/2024		<0.002
2/4/2025		<0.002
8/5/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.002	
1/20/2012	<0.002	
12/7/2015	<0.002	
12/15/2015	<0.002	
12/29/2015	<0.002	
1/13/2016	<0.002	
1/25/2016	<0.002	
6/14/2016	<0.002	
1/12/2017	<0.002	
7/18/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00066 (J)	
3/31/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/6/2023	<0.002	
8/1/2023	<0.002	
2/6/2024		<0.002
8/13/2024		<0.002
2/4/2025		<0.002
8/5/2025		0.0011 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.002	
12/7/2015	<0.002	
12/15/2015	<0.002	
12/29/2015	<0.002	
1/13/2016	<0.002	
1/25/2016	0.0014 (J)	
6/14/2016	<0.002	
1/11/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00076 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/17/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	<0.002	
2/6/2024		<0.002
8/13/2024		<0.002
2/4/2025		<0.002
8/4/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	0.00084 (J)	
12/15/2015	<0.002	
12/28/2015	<0.002	
1/13/2016	<0.002	
1/25/2016	<0.002	
6/15/2016	<0.002	
1/11/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024		<0.002
8/13/2024		<0.002
2/4/2025		<0.002
8/5/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	0.001 (J)	
12/14/2015	<0.002	
12/28/2015	<0.002	
1/13/2016	<0.002	
1/25/2016	0.00081 (J)	
6/15/2016	<0.002	
1/11/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/17/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024		<0.002
8/13/2024		<0.002
2/4/2025		<0.002
8/5/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.002	
12/8/2015	0.0021 (J)	
12/14/2015	0.0018 (J)	
12/28/2015	<0.002	
1/13/2016	<0.002	
1/26/2016	<0.002	
6/15/2016	<0.002	
1/11/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0012 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/6/2024		<0.002
8/13/2024		<0.002
2/4/2025		<0.002
8/5/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.002	
12/8/2015	<0.002	
12/14/2015	0.00096 (J)	
12/28/2015	<0.002	
1/14/2016	<0.002	
1/26/2016	<0.002	
6/16/2016	0.00068 (J)	
1/11/2017	<0.002	
7/25/2017	<0.002	
1/12/2018	<0.002	
7/11/2018	<0.002	
1/30/2019	0.0021 (J)	
3/27/2019	<0.002	
9/11/2019	0.0011 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	0.001 (J)	
8/19/2021	0.00089 (J)	
2/23/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	0.0013 (J)	
2/7/2024		<0.002
8/14/2024		<0.002
2/5/2025		<0.002
8/6/2025		0.0007 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	<0.002	
7/11/2005	<0.002	
12/7/2005	<0.002	
6/24/2006	<0.002	
11/29/2006	<0.002	
6/20/2007	<0.002	
7/6/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/28/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/20/2013	<0.002	
7/19/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	<0.002	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/16/2016	<0.002	
6/15/2016	<0.002	
1/12/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.001 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	<0.002	
2/23/2022	<0.002	
8/3/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	<0.002	
2/7/2024		<0.002
8/14/2024		<0.002
2/5/2025		<0.002
8/6/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/12/2005	<0.002	
12/7/2005	<0.002	
6/25/2006	<0.002	
11/28/2006	0.0027	
6/21/2007	<0.002	
7/6/2007	<0.002	
12/14/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/10/2009	<0.002	
12/29/2009	<0.002	
6/22/2010	<0.002	
1/5/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/19/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	0.0014 (J)	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/14/2016	<0.002	
6/15/2016	<0.002	
1/12/2017	<0.002	
7/24/2017	<0.002	
1/11/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
4/2/2020	0.0013 (J)	
9/15/2020	<0.002	
3/17/2021	0.0019 (J)	
8/18/2021	<0.002	
2/23/2022	<0.002	
8/2/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/7/2024		<0.002
8/14/2024		<0.002
2/5/2025		<0.002
8/6/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/11/2005	<0.002	
12/7/2005	<0.002	
6/24/2006	<0.002	
11/28/2006	<0.002	
6/20/2007	<0.002	
7/6/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/10/2009	<0.002	
12/28/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/9/2011	<0.002	
1/20/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/18/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	<0.002	
1/15/2015	<0.002	
6/19/2015	<0.002	
1/16/2016	<0.002	
6/15/2016	<0.002	
1/12/2017	<0.002	
7/20/2017	<0.002	
1/11/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00069 (J)	
4/1/2020	<0.002	
9/16/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	0.00096 (J)	
2/23/2022	<0.002	
8/3/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	<0.002	
2/8/2024		<0.002
8/14/2024		<0.002
2/5/2025		<0.002
8/6/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.002	
12/15/2015	<0.002	
12/28/2015	<0.002	
1/14/2016	<0.002	
1/26/2016	<0.002	
6/16/2016	0.00024 (J)	
1/16/2017	<0.002	
7/25/2017	<0.002	
1/12/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00085 (J)	
4/1/2020	<0.002	
9/16/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
2/23/2022	<0.002	
8/3/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/7/2024		<0.002
8/14/2024		<0.002
2/4/2025		<0.002
8/5/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.002	
12/14/2015	<0.002	
12/29/2015	<0.002	
1/14/2016	<0.002	
1/25/2016	<0.002	
6/16/2016	0.00032 (J)	
1/13/2017	<0.002	
7/25/2017	<0.002	
1/12/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0012 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
2/22/2022	<0.002	
8/3/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/7/2024		<0.002
8/14/2024		<0.002
2/5/2025		<0.002
8/5/2025		0.001 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.002	
12/14/2015	<0.002	
12/29/2015	0.00082 (J)	
1/14/2016	0.0064 (O)	
1/25/2016	<0.002	
6/16/2016	0.00042 (J)	
1/12/2017	<0.002	
7/25/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00066 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
2/23/2022	<0.002	
8/4/2022	<0.002	
2/8/2023	<0.002	
8/3/2023	<0.002	
2/7/2024		<0.002
8/14/2024		<0.002
2/5/2025		<0.002
8/5/2025		0.00086 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.0011 (J)	
1/17/2017	<0.002	
7/25/2017	<0.002	
1/12/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00092 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	0.0013 (J)	
2/23/2022	<0.002	
8/4/2022	<0.002	
2/8/2023	<0.002	
8/3/2023	<0.002	
2/7/2024		<0.002
8/14/2024		<0.002
2/5/2025		<0.002
8/6/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	0.0021	
10/13/2004	<0.002	
7/12/2005	<0.002	
12/8/2005	<0.002	
6/25/2006	<0.002	
11/29/2006	<0.002	
6/20/2007	<0.002	
7/6/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/29/2009	<0.002	
6/22/2010	<0.002	
1/5/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/18/2013	<0.002	
1/15/2014	<0.002	
7/10/2014	<0.002	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/14/2016	<0.002	
6/15/2016	<0.002	
1/13/2017	<0.002	
7/24/2017	<0.002	
1/12/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	0.002 (J)	
3/27/2019	<0.002	
9/11/2019	0.00092 (J)	
4/1/2020	<0.002	
9/16/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
2/23/2022	<0.002	
8/3/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/7/2024		<0.002
8/14/2024		<0.002
2/5/2025		<0.002
8/6/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/26/2016	<0.001	
11/15/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/17/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00024 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	0.00081 (J)	
2/22/2022	0.0054	
8/2/2022	0.00043 (J)	
2/7/2023	0.0015	
8/1/2023	0.00088 (J)	
2/6/2024		0.0022
8/15/2024		0.0007 (J)
2/4/2025		0.00083 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	0.014	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	9.8E-05 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	0.015	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/30/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/11/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00026 (J)	
3/26/2019	<0.001	
9/10/2019	0.00051 (J)	
3/31/2020	0.00024 (J)	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	0.00019 (J)	
8/3/2022	0.0037	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/3/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	0.00019 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	0.00041 (J)	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00011 (J)	
3/26/2019	<0.001	
9/10/2019	0.00074 (J)	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.001	
1/20/2012	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00043 (J)	
3/26/2019	<0.001	
9/10/2019	0.00058 (J)	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/6/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00011 (J)	
3/26/2019	<0.001	
9/10/2019	0.00013 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	0.00021 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.001	
12/15/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/15/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00014 (J)	
3/26/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00018 (J)	
3/26/2019	<0.001	
9/10/2019	0.00013 (J)	
4/1/2020	<0.001	
9/15/2020	0.00024 (J)	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		0.00024 (J)
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/26/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	<0.001	
1/26/2016	<0.001	
4/19/2016	<0.001	
6/16/2016	0.00015 (J)	
8/11/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00067 (J)	
3/27/2019	<0.001	
9/11/2019	0.00017 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	0.00015 (J)	
8/19/2021	0.00037 (J)	
2/23/2022	0.00026 (J)	
8/2/2022	0.00029 (J)	
2/7/2023	0.00035 (J)	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/25/2006	<0.001	
11/28/2006	<0.001	
6/21/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	0.0002 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	0.00037 (J)	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/2/2020	0.00025 (J)	
9/15/2020	<0.001	
3/17/2021	0.00031 (J)	
8/18/2021	<0.001	
2/23/2022	0.00017 (J)	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.001	
12/15/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	<0.001	
1/26/2016	<0.001	
4/19/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/15/2016	<0.001	
1/16/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00011 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00012 (J)	
3/27/2019	<0.001	
9/11/2019	0.00024 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	0.00079 (J)	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00021 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/17/2017	<0.001	
3/2/2017	<0.001	
4/25/2017	<0.001	
7/13/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00013 (J)	
3/27/2019	<0.001	
9/11/2019	0.00018 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	0.00034 (J)	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.0025	
9/11/2004	<0.0025	
9/26/2004	<0.0025	
10/13/2004	<0.0025	
7/11/2005	<0.0025	
12/7/2005	<0.0025	
6/23/2006	<0.0025	
11/28/2006	<0.0025	
6/19/2007	<0.0025	
7/6/2007	<0.0025	
12/13/2007	<0.0025	
6/20/2008	<0.0025	
12/7/2008	<0.0025	
7/9/2009	0.0043	
12/28/2009	<0.0025	
6/22/2010	<0.0025	
1/4/2011	<0.0025	
7/9/2011	<0.0025	
1/21/2012	<0.0025	
7/11/2012	<0.0025	
1/20/2013	<0.0025	
7/19/2013	<0.0025	
1/15/2014	0.0016 (J)	
7/11/2014	<0.0025	
1/16/2015	<0.0025	
6/20/2015	<0.0025	
1/16/2016	<0.0025	
6/14/2016	0.0006 (J)	
1/10/2017	<0.0025	
7/17/2017	<0.0025	
1/10/2018	0.0026	
7/11/2018	<0.0025	
1/29/2019	0.00063 (J)	
3/27/2019	<0.0025	
9/11/2019	0.00091 (J)	
4/1/2020	0.00077 (J)	
9/15/2020	0.00094 (J)	
3/16/2021	0.00072 (J)	
8/17/2021	0.00097 (J)	
2/22/2022	0.00092 (J)	
8/2/2022	0.00086 (J)	
2/7/2023	0.00083 (J)	
8/1/2023	0.001	
2/6/2024		0.0011
8/15/2024		0.001
2/4/2025		0.0011
8/5/2025		0.00081 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	0.03 (O)	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	0.025 (O)	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
6/14/2016	<0.005	
1/10/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00034 (J)	
3/27/2019	<0.005	
9/11/2019	0.00045 (J)	
4/1/2020	<0.005	
9/15/2020	0.00038 (J)	
3/16/2021	<0.005	
8/17/2021	0.00047 (J)	
2/22/2022	<0.005	
8/2/2022	0.00054 (J)	
2/7/2023	<0.005	
8/2/2023	0.00046 (J)	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	0.0048	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	0.0026	
7/11/2012	0.0072	
1/20/2013	0.0025	
7/19/2013	<0.005	
1/16/2014	0.0031	
7/10/2014	<0.005	
1/16/2015	0.0024 (J)	
6/20/2015	<0.005	
1/14/2016	<0.005	
6/14/2016	0.0013 (J)	
1/10/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	0.003	
1/29/2019	0.0021 (J)	
3/26/2019	0.0021 (J)	
9/10/2019	0.002	
3/31/2020	0.0028	
9/16/2020	0.00096 (J)	
3/17/2021	0.00083 (J)	
8/19/2021	0.00065 (J)	
2/23/2022	<0.005	
8/3/2022	0.00078 (J)	
2/7/2023	<0.005	
8/1/2023	0.00065 (J)	
2/6/2024		<0.005
8/13/2024		0.00076 (J)
2/3/2025		0.00044 (J)
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	0.003	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	0.0031	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/14/2016	<0.001	
6/14/2016	0.00054 (J)	
1/11/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00043 (J)	
3/31/2020	<0.001	
9/15/2020	0.00056 (J)	
3/17/2021	0.00041 (J)	
8/19/2021	0.00043 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	0.00046 (J)	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		0.0022
2/4/2025		0.00065 (J)
8/5/2025		0.00075 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/14/2016	<0.005	
1/12/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00033 (J)	
3/26/2019	<0.005	
9/10/2019	0.0004 (J)	
3/31/2020	<0.005	
9/15/2020	0.00037 (J)	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	0.00043 (J)	
2/6/2024		0.00084 (J)
8/13/2024		0.00046 (J)
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/14/2016	0.00052 (J)	
1/11/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0004 (J)	
3/26/2019	<0.005	
9/10/2019	0.00056 (J)	
4/1/2020	0.00043 (J)	
9/15/2020	0.00075 (J)	
3/16/2021	0.00045 (J)	
8/17/2021	0.00061 (J)	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.00061 (J)	
8/2/2023	0.00057 (J)	
2/6/2024		<0.005
8/13/2024		0.00061 (J)
2/4/2025		0.00052 (J)
8/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/15/2016	<0.005	
1/11/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00046 (J)	
3/26/2019	<0.005	
9/11/2019	0.00042 (J)	
4/1/2020	<0.005	
9/15/2020	0.00047 (J)	
3/17/2021	0.00047 (J)	
8/19/2021	<0.005	
2/22/2022	0.00061 (J)	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		0.00056 (J)
2/4/2025		0.0005 (J)
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
6/15/2016	<0.001	
1/11/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.0004 (J)	
3/26/2019	<0.001	
9/10/2019	0.00036 (J)	
4/1/2020	<0.001	
9/15/2020	0.00045 (J)	
3/16/2021	0.00043 (J)	
8/17/2021	0.00052 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	0.00054 (J)	
8/1/2023	0.00044 (J)	
2/6/2024		<0.001
8/13/2024		0.00058 (J)
2/4/2025		0.00052 (J)
8/5/2025		0.00042 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.0025	
12/8/2015	0.0036	
12/14/2015	0.0035	
12/28/2015	0.0032	
1/13/2016	0.0029	
1/26/2016	0.0027	
6/15/2016	0.0018 (J)	
1/11/2017	0.002 (J)	
7/19/2017	0.002 (J)	
1/11/2018	0.0019 (J)	
7/11/2018	<0.0025	
1/29/2019	0.0016 (J)	
3/27/2019	0.0018 (J)	
9/11/2019	0.0018	
4/1/2020	0.0016	
9/15/2020	0.0016	
3/16/2021	0.0015	
8/19/2021	0.0017	
2/22/2022	0.0017	
8/2/2022	0.0019	
2/8/2023	0.0017	
8/2/2023	0.0018	
2/6/2024		0.0015
8/13/2024		0.002
2/4/2025		0.0019
8/5/2025		0.0019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	0.0019 (J)	
12/28/2015	0.0018 (J)	
1/14/2016	0.0017 (J)	
1/26/2016	0.0019 (J)	
6/16/2016	0.0014 (J)	
1/11/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.0019 (J)	
3/27/2019	<0.001	
9/11/2019	0.0012	
4/1/2020	0.00095	
9/15/2020	0.00092 (J)	
3/17/2021	0.0011	
8/19/2021	0.0011	
2/23/2022	0.001	
8/2/2022	0.00086 (J)	
2/7/2023	0.0011	
8/2/2023	0.00075 (J)	
2/7/2024		<0.001
8/14/2024		0.00073 (J)
2/5/2025		0.0008 (J)
8/6/2025		0.00084 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.0025	
9/11/2004	<0.0025	
9/26/2004	<0.0025	
7/11/2005	<0.0025	
12/7/2005	<0.0025	
6/24/2006	<0.0025	
11/29/2006	<0.0025	
6/20/2007	<0.0025	
7/6/2007	<0.0025	
12/13/2007	<0.0025	
6/20/2008	<0.0025	
12/7/2008	<0.0025	
7/9/2009	<0.0025	
12/28/2009	<0.0025	
6/22/2010	<0.0025	
1/4/2011	<0.0025	
7/9/2011	<0.0025	
1/21/2012	<0.0025	
7/11/2012	<0.0025	
1/20/2013	<0.0025	
7/19/2013	<0.0025	
1/15/2014	0.0013 (J)	
7/11/2014	0.0013 (J)	
1/16/2015	<0.0025	
6/20/2015	0.0016 (J)	
1/16/2016	<0.0025	
6/15/2016	0.00088 (J)	
1/12/2017	<0.0025	
7/19/2017	<0.0025	
1/11/2018	<0.0025	
7/12/2018	<0.0025	
1/30/2019	0.0013 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0013	
4/1/2020	0.00099 (J)	
9/15/2020	0.0012	
3/16/2021	0.0012	
8/18/2021	0.0014	
2/23/2022	0.0012	
8/3/2022	0.0013	
2/7/2023	0.0012	
8/2/2023	0.0014	
2/7/2024		0.0016
8/14/2024		0.0013
2/5/2025		0.00098 (J)
8/6/2025		0.00099 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	0.0013 (J)	
1/16/2016	<0.005	
6/16/2016	<0.005	
1/12/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	0.0013	
3/16/2021	0.00043 (J)	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	0.0011	
2/7/2024		<0.005
8/14/2024		<0.005
2/4/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0049	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	0.0025	
7/11/2014	0.0029	
1/16/2015	0.0014 (J)	
6/20/2015	<0.005	
1/14/2016	<0.005	
6/15/2016	0.00085 (J)	
1/12/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.00033 (J)	
3/27/2019	<0.005	
9/11/2019	0.00042 (J)	
4/2/2020	0.0009 (J)	
9/15/2020	0.00063 (J)	
3/17/2021	0.00077 (J)	
8/18/2021	0.00034 (J)	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		0.00043 (J)
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.0025	
9/11/2004	<0.0025	
9/26/2004	<0.0025	
10/13/2004	<0.0025	
7/11/2005	<0.0025	
12/7/2005	<0.0025	
6/24/2006	<0.0025	
11/28/2006	<0.0025	
6/20/2007	<0.0025	
7/6/2007	<0.0025	
12/13/2007	<0.0025	
6/20/2008	<0.0025	
12/7/2008	<0.0025	
7/10/2009	<0.0025	
12/28/2009	<0.0025	
6/22/2010	<0.0025	
1/4/2011	<0.0025	
7/9/2011	<0.0025	
1/20/2012	<0.0025	
7/11/2012	0.0057	
1/19/2013	<0.0025	
7/18/2013	<0.0025	
1/15/2014	0.0043	
7/11/2014	0.0026	
1/15/2015	<0.0025	
6/19/2015	<0.0025	
1/16/2016	<0.0025	
6/15/2016	0.00068 (J)	
1/12/2017	<0.0025	
7/20/2017	<0.0025	
1/11/2018	<0.0025	
7/12/2018	<0.0025	
1/30/2019	0.0011 (J)	
3/27/2019	<0.0025	
9/11/2019	0.001	
4/1/2020	0.0008 (J)	
9/16/2020	0.00088 (J)	
3/16/2021	0.00093 (J)	
8/18/2021	0.00097 (J)	
2/23/2022	0.0011	
8/3/2022	0.0064	
2/7/2023	0.00082 (J)	
8/2/2023	0.00091 (J)	
2/8/2024		0.0014
8/14/2024		0.00095 (J)
2/5/2025		0.00087 (J)
8/6/2025		0.00084 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.0022 (J)	
12/15/2015	0.0019 (J)	
12/28/2015	0.0017 (J)	
1/14/2016	0.0029	
1/26/2016	0.0014 (J)	
6/16/2016	0.0013 (J)	
1/16/2017	0.0018 (J)	
7/25/2017	0.002 (J)	
1/12/2018	0.002 (J)	
7/11/2018	0.0018 (J)	
1/29/2019	0.0017 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0018	
4/1/2020	0.0014	
9/16/2020	0.0012	
3/16/2021	0.0012	
8/19/2021	0.0012	
2/23/2022	0.0011	
8/3/2022	0.0051	
2/8/2023	0.0012	
8/2/2023	0.0012	
2/7/2024		0.0008 (J)
8/14/2024		0.0012
2/4/2025		0.001
8/5/2025		0.00097 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.0042	
12/14/2015	0.0067	
12/29/2015	0.0067	
1/14/2016	0.0039	
1/25/2016	0.0049	
6/16/2016	0.003 (J)	
1/13/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00093 (J)	
3/27/2019	<0.001	
9/11/2019	0.0014	
4/1/2020	0.001	
9/15/2020	0.0011	
3/16/2021	0.00093 (J)	
8/19/2021	0.00092 (J)	
2/22/2022	0.00092 (J)	
8/3/2022	0.001	
2/8/2023	0.00083 (J)	
8/2/2023	0.0018	
2/7/2024		<0.001
8/14/2024		0.00091 (J)
2/5/2025		0.00081 (J)
8/5/2025		0.0018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
6/16/2016	0.0012 (J)	
1/12/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00071 (J)	
3/27/2019	<0.001	
9/11/2019	0.00097 (J)	
4/1/2020	0.00067 (J)	
9/15/2020	0.0007 (J)	
3/17/2021	0.00068 (J)	
8/19/2021	0.00067 (J)	
2/23/2022	0.00071 (J)	
8/4/2022	0.00065 (J)	
2/8/2023	0.00064 (J)	
8/3/2023	0.00074 (J)	
2/7/2024		<0.001
8/14/2024		0.00065 (J)
2/5/2025		0.00065 (J)
8/5/2025		0.00049 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.0009 (J)	
1/17/2017	<0.0025	
7/25/2017	0.002 (J)	
1/12/2018	0.0023 (J)	
7/12/2018	0.0026	
1/30/2019	0.0019 (J)	
3/27/2019	0.0018 (J)	
9/11/2019	0.0023	
4/1/2020	0.0013	
9/15/2020	0.0013	
3/17/2021	0.0014	
8/19/2021	0.0013	
2/23/2022	0.0013	
8/4/2022	0.0016	
2/8/2023	0.0013	
8/3/2023	0.0013	
2/7/2024		0.00065 (J)
8/14/2024		0.0013
2/5/2025		0.0011
8/6/2025		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/25/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	0.003	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	0.0033	
1/19/2013	0.0026	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
6/15/2016	<0.001	
1/13/2017	<0.001	
7/24/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00063 (J)	
3/27/2019	<0.001	
9/11/2019	0.00065 (J)	
4/1/2020	<0.001	
9/16/2020	0.00075 (J)	
3/17/2021	0.0006 (J)	
8/19/2021	0.00038 (J)	
2/23/2022	0.00076 (J)	
8/3/2022	0.0015	
2/8/2023	0.00084 (J)	
8/2/2023	0.00077 (J)	
2/7/2024		<0.001
8/14/2024		0.00089 (J)
2/5/2025		0.00078 (J)
8/6/2025		0.00059 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/26/2016	<0.005	
11/15/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	<0.005	
4/19/2017	0.00065 (J)	
7/17/2017	0.00047 (J)	
1/10/2018	0.00052 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/15/2024		<0.005
2/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	0.00045 (J)	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.0027	
4/19/2017	0.002	
7/18/2017	0.0017	
1/10/2018	0.00079 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/11/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.0024	
4/20/2017	<0.005	
7/18/2017	0.00026 (J)	
1/10/2018	0.00069 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/31/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/3/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	0.00025 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/15/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00071 (J)	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00025 (J)	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
9/28/2016	<0.005	
11/16/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	0.00044 (J)	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	0.00035 (J)	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00026 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	0.00026 (J)	
9/27/2016	0.00024 (J)	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.00052 (J)	
8/10/2016	0.00053 (J)	
9/27/2016	0.00047 (J)	
11/15/2016	<0.005	
1/12/2017	0.00025 (J)	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	0.00032 (J)	
1/11/2018	<0.005	
7/12/2018	0.00025 (J)	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/2/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	<0.005	
9/28/2016	<0.005	
11/15/2016	<0.005	
1/16/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	0.00052 (J)	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:51 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	0.0021	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	0.00043 (J)	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/25/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/4/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	0.0058	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/19/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	<0.001	
1/26/2016	<0.001	
6/16/2016	<0.001	
1/11/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00029 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
6/15/2016	<0.001	
1/12/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00021 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
6/16/2016	<0.001	
1/12/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/4/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/25/2006	<0.001	
11/28/2006	<0.001	
6/21/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	0.00061 (J)	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
6/15/2016	<0.001	
1/12/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/2/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
6/16/2016	<0.001	
1/12/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.001	
1/17/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00012 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Silver (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/25/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
6/15/2016	<0.001	
1/13/2017	<0.001	
7/24/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/26/2016	<0.001	
11/15/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/17/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	0.00017 (J)	
9/15/2020	0.00029 (J)	
3/16/2021	<0.001	
8/17/2021	0.00062 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/15/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	0.00017 (J)	
3/16/2021	<0.001	
8/17/2021	0.00015 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/30/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	3.6E-05 (J)	
8/11/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00033 (J)	
3/31/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/3/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	0.0001 (J)	
1/13/2016	6E-05 (J)	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00057 (J)	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	0.00016 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/6/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	7.9E-05 (J)	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
4/1/2020	0.00018 (J)	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	0.0006 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0002 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	0.00025 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.001	
12/8/2015	0.0001 (J)	
12/14/2015	9E-05 (J)	
12/28/2015	9E-05 (J)	
1/13/2016	0.0001 (J)	
1/26/2016	9.5E-05 (J)	
4/20/2016	<0.001	
6/15/2016	3.8E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/6/2024		<0.001
8/13/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	0.0001 (J)	
12/14/2015	0.0001 (J)	
12/28/2015	0.0001 (J)	
1/14/2016	0.000137 (J)	
1/26/2016	0.000142 (J)	
4/19/2016	<0.001	
6/16/2016	0.00013 (J)	
8/11/2016	0.00011 (J)	
9/28/2016	0.00012 (J)	
11/16/2016	<0.001	
1/11/2017	9.5E-05 (J)	
3/1/2017	0.00011 (J)	
4/25/2017	0.00012 (J)	
7/25/2017	0.00011 (J)	
1/12/2018	0.00011 (J)	
7/11/2018	9.5E-05 (J)	
1/30/2019	0.00012 (J)	
3/27/2019	<0.001	
9/11/2019	0.00018 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	0.00016 (J)	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0002 (J)	
4/1/2020	0.00031 (J)	
9/15/2020	<0.001	
3/16/2021	0.00037 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/4/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/25/2006	<0.001	
11/28/2006	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
6/20/2015	<0.001	
1/14/2016	6.1E-05 (J)	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/2/2020	0.00028 (J)	
9/15/2020	<0.001	
3/17/2021	0.00047 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/20/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00017 (J)	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/16/2021	0.00022 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/8/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.001	
12/15/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	7.9E-05 (J)	
1/26/2016	<0.001	
4/19/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/15/2016	<0.001	
1/16/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00019 (J)	
4/1/2020	<0.001	
9/16/2020	0.00026 (J)	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/4/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.0001 (J)	
12/14/2015	9E-05 (J)	
12/29/2015	0.0001 (J)	
1/14/2016	0.000118 (J)	
1/25/2016	0.000102 (J)	
4/21/2016	<0.001	
6/16/2016	5.2E-05 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00034 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	2.7E-05 (J)	
8/10/2016	<0.001	
9/27/2016	0.00016 (J)	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00041 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/5/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/17/2017	<0.001	
3/2/2017	<0.001	
4/25/2017	<0.001	
7/13/2017	<0.001	
7/25/2017	9E-05 (J)	
1/12/2018	0.00011 (J)	
7/12/2018	0.0001 (J)	
1/30/2019	0.00016 (J)	
3/27/2019	0.00011 (J)	
9/11/2019	0.00034 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		0.00053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/25/2006	<0.001	
11/29/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/19/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00023 (J)	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024		<0.001
8/14/2024		<0.001
2/5/2025		<0.001
8/6/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0051	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
6/14/2016	0.00044 (J)	
1/10/2017	0.0014 (J)	
7/17/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.0019 (J)	
9/11/2019	0.0014	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	0.001	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/15/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	0.0031	
7/6/2007	0.0031	
12/13/2007	<0.005	
6/20/2008	0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	0.056 (O)	
7/9/2011	0.0033	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
6/14/2016	0.00027 (J)	
1/10/2017	0.0015 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.0047	
9/11/2019	0.0012	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	0.0033	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
6/14/2016	0.00028 (J)	
1/10/2017	0.0014 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0027	
9/10/2019	0.0018	
3/31/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	0.00097 (J)	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/3/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	0.0035 (J)	
1/14/2016	<0.005	
6/14/2016	0.00047 (J)	
1/11/2017	0.0016 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0015 (J)	
9/10/2019	0.0018	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/14/2016	0.00055 (J)	
1/12/2017	0.0018 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0018 (J)	
3/26/2019	<0.005	
9/10/2019	0.0027	
12/17/2019	0.0012	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/14/2016	0.00033 (J)	
1/11/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.002	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/15/2016	0.0003 (J)	
1/11/2017	0.0017 (J)	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0041	
9/11/2019	0.0016	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		<0.005
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/15/2016	0.00015 (J)	
1/11/2017	0.0015 (J)	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0019 (J)	
9/10/2019	0.0019	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024		0.00063 (J)
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/26/2016	<0.005	
6/15/2016	0.00047 (J)	
1/11/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.004	
9/11/2019	0.0018	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	0.0013	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/6/2024		0.00082 (J)
8/13/2024		<0.005
2/4/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.01	
12/8/2015	0.0023 (J)	
12/14/2015	0.0028 (J)	
12/28/2015	0.0024 (J)	
1/14/2016	0.0022 (J)	
1/26/2016	0.0022 (J)	
6/16/2016	0.0041 (J)	
1/11/2017	0.003	
7/25/2017	0.0055	
1/12/2018	0.0022 (J)	
7/11/2018	0.0016 (J)	
1/30/2019	0.0042	
3/27/2019	0.0074	
9/11/2019	0.0037	
4/1/2020	0.0024	
9/15/2020	0.0022	
3/17/2021	0.0026	
8/19/2021	0.003	
2/23/2022	0.0025	
8/2/2022	0.0028	
2/7/2023	0.0038	
8/2/2023	0.0031	
2/7/2024		0.0034
8/14/2024		0.0028
2/5/2025		0.0026
8/6/2025		0.0027 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	0.0032	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	0.0017 (J)	
1/16/2016	<0.005	
6/15/2016	0.00031 (J)	
1/12/2017	0.0031	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0012 (J)	
3/27/2019	<0.005	
9/11/2019	0.0013	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	0.0011	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	0.00084 (J)	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
7/20/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	0.00098 (J)	
6/20/2015	0.0019 (J)	
1/16/2016	0.0008 (J)	
6/16/2016	0.0011 (J)	
1/12/2017	0.0087 (O)	
7/24/2017	0.0027	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0027	
3/27/2019	0.0065 (O)	
9/11/2019	0.0022	
4/1/2020	0.0012	
9/15/2020	<0.005	
3/16/2021	0.0013	
8/18/2021	0.0015	
2/23/2022	0.0011	
8/3/2022	0.002	
2/8/2023	0.001 (J)	
8/2/2023	0.00096 (J)	
2/7/2024		0.0015 (J)
8/14/2024		<0.005
2/4/2025		0.00064 (J)
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	0.0093 (O)	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	0.0025	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	0.001 (J)	
1/16/2015	0.00089 (J)	
6/20/2015	0.0017 (J)	
1/14/2016	0.0017 (J)	
6/15/2016	0.0018 (J)	
1/12/2017	0.01 (O)	
7/24/2017	0.0015 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0024 (J)	
3/27/2019	0.0016 (J)	
9/11/2019	0.0025	
4/2/2020	0.0016	
9/15/2020	0.001	
3/17/2021	0.0015	
8/18/2021	0.0018	
2/23/2022	0.0013	
8/2/2022	0.0014	
2/8/2023	0.00095 (J)	
8/2/2023	0.0015 (J)	
2/7/2024		0.0016 (J)
8/14/2024		0.0011 (J)
2/5/2025		0.00086 (J)
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
6/15/2016	0.0004 (J)	
1/12/2017	0.0075 (O)	
7/20/2017	0.0015 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0016 (J)	
3/27/2019	0.0078 (O)	
9/11/2019	0.0011	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	0.0016	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/8/2024		<0.005
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.0023 (J)	
12/15/2015	0.0016 (J)	
12/28/2015	0.0013 (J)	
1/14/2016	0.0014 (J)	
1/26/2016	0.0013 (J)	
6/16/2016	0.00092 (J)	
1/16/2017	0.0067	
7/25/2017	0.0035	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0023	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	0.0015	
2/23/2022	0.00088 (J)	
8/3/2022	0.0022	
2/8/2023	0.00088 (J)	
8/2/2023	<0.005	
2/7/2024		0.0011 (J)
8/14/2024		<0.005
2/4/2025		0.002
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
6/16/2016	0.00054 (J)	
1/13/2017	0.0074	
7/25/2017	0.0034	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.0031	
9/11/2019	0.0018	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/3/2022	0.0017	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		0.00081 (J)
8/14/2024		<0.005
2/5/2025		<0.005
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
6/16/2016	0.00048 (J)	
1/12/2017	0.0058	
7/25/2017	0.0029	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	0.0014 (J)	
3/27/2019	0.0049	
9/11/2019	0.0015	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	0.001	
2/23/2022	<0.005	
8/4/2022	0.0019	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024		<0.005
8/14/2024		<0.005
2/5/2025		0.0015 (J)
8/5/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.00063 (J)	
1/17/2017	0.0026	
7/25/2017	0.003	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.0055	
9/11/2019	0.0015	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	0.0011	
2/23/2022	<0.005	
8/4/2022	0.00095 (J)	
2/8/2023	<0.005	
8/3/2023	0.0007 (J)	
2/7/2024		0.00083 (J)
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	0.0037	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
6/15/2016	0.00019 (J)	
1/13/2017	0.0091 (O)	
7/24/2017	0.0027	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.006	
9/11/2019	0.0015	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	0.0016	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024		0.001 (J)
8/14/2024		<0.005
2/5/2025		<0.005
8/6/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	0.014	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/11/2005	<0.01	
12/7/2005	<0.01	
6/23/2006	0.0041	
11/28/2006	0.0033	
6/19/2007	0.0036	
7/6/2007	0.0036	
12/13/2007	<0.01	
6/20/2008	0.0045	
12/7/2008	0.0031	
7/9/2009	0.004	
12/28/2009	0.0027	
6/22/2010	0.0028	
1/4/2011	0.0027	
7/9/2011	0.0051	
1/21/2012	0.004	
7/11/2012	0.0075	
1/20/2013	0.0034	
7/19/2013	<0.01	
1/15/2014	0.0049	
7/11/2014	0.0038	
1/16/2015	0.0032	
6/20/2015	0.0042	
1/16/2016	0.0042	
6/14/2016	0.0043 (J)	
1/10/2017	0.0084 (J)	
7/17/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0064 (J)	
3/27/2019	<0.01	
9/11/2019	0.0089	
4/1/2020	0.0066	
9/15/2020	0.0049 (J)	
3/16/2021	0.0045 (J)	
8/17/2021	0.004 (J)	
2/22/2022	0.0055	
8/2/2022	0.0074	
2/7/2023	0.0051	
8/1/2023	0.0061	
2/6/2024		0.0041 (J)
8/15/2024		0.029
2/4/2025		0.0063
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.01	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/11/2005	<0.01	
12/7/2005	<0.01	
6/23/2006	0.0042	
11/28/2006	0.0048	
6/19/2007	0.045	
7/6/2007	0.045	
12/13/2007	0.005	
6/20/2008	0.012	
12/7/2008	0.042	
7/9/2009	0.0038	
12/28/2009	<0.01	
6/22/2010	<0.01	
1/5/2011	0.057 (O)	
7/9/2011	0.0085	
1/20/2012	0.0057	
7/11/2012	<0.01	
1/19/2013	<0.01	
7/18/2013	0.0028	
1/15/2014	0.0047	
7/11/2014	0.0025	
1/15/2015	0.002 (J)	
6/19/2015	0.0019 (J)	
1/16/2016	0.0033	
6/14/2016	0.0028 (J)	
1/10/2017	0.0079 (J)	
7/18/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.012	
4/1/2020	<0.01	
9/15/2020	<0.01	
3/16/2021	0.0035 (J)	
8/17/2021	<0.01	
2/22/2022	<0.01	
8/2/2022	0.033	
2/7/2023	0.0032 (J)	
8/2/2023	<0.01	
2/6/2024		<0.01
8/13/2024		0.0047 (J)
2/4/2025		0.0031 (J)
8/6/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.01	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/8/2005	0.06 (O)	
6/24/2006	0.0061	
11/28/2006	0.0064	
6/19/2007	0.011	
12/13/2007	0.0061	
6/20/2008	0.009	
12/7/2008	0.0071	
7/9/2009	0.0059	
12/30/2009	0.0038	
6/22/2010	0.0044	
1/4/2011	0.0038	
7/10/2011	0.005	
1/21/2012	0.0074	
7/11/2012	0.0047	
1/20/2013	<0.01	
7/19/2013	0.0032	
1/16/2014	0.019	
7/10/2014	0.0038	
1/16/2015	0.0045	
6/20/2015	0.0023 (J)	
1/14/2016	0.0024 (J)	
6/14/2016	0.0053 (J)	
1/10/2017	<0.01	
7/18/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	0.0098 (J)	
1/29/2019	0.0064 (J)	
3/26/2019	0.01 (J)	
9/10/2019	0.012	
3/31/2020	0.013	
9/16/2020	0.011	
3/17/2021	0.0039 (J)	
8/19/2021	0.004 (J)	
2/23/2022	<0.01	
8/3/2022	0.012	
2/7/2023	0.0031 (J)	
8/1/2023	0.0047 (J)	
2/6/2024		0.0029 (J)
8/13/2024		0.0031 (J)
2/3/2025		0.0039 (J)
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	0.017	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/8/2005	<0.01	
6/24/2006	0.0033	
11/28/2006	0.0034	
6/19/2007	0.0037	
7/6/2007	0.0037	
12/14/2007	<0.01	
6/20/2008	0.0042	
12/7/2008	0.0049	
7/9/2009	0.0032	
12/29/2009	0.0031	
6/22/2010	<0.01	
1/4/2011	0.0029	
7/9/2011	0.0038	
1/21/2012	0.0057	
7/11/2012	0.0032	
1/19/2013	0.0032	
7/18/2013	0.0027	
1/15/2014	0.0059	
7/10/2014	0.0064	
1/15/2015	0.0024 (J)	
6/19/2015	0.0057	
1/14/2016	0.0022 (J)	
6/14/2016	0.0028 (J)	
1/11/2017	0.013 (J)	
7/18/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0027 (J)	
3/26/2019	<0.01	
9/10/2019	0.022	
12/18/2019	0.0051	
3/31/2020	<0.01	
9/15/2020	0.0049 (J)	
3/17/2021	0.0041 (J)	
8/19/2021	<0.01	
2/22/2022	<0.01	
8/2/2022	0.0051	
2/7/2023	0.0037 (J)	
8/1/2023	0.0028 (J)	
2/6/2024		<0.01
8/13/2024		0.0031 (J)
2/4/2025		0.0057
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.01	
1/20/2012	0.0059	
12/7/2015	0.0034	
12/15/2015	0.003	
12/29/2015	0.0028	
1/13/2016	0.0025	
1/25/2016	0.0022 (J)	
6/14/2016	0.0042 (J)	
1/12/2017	<0.01	
7/18/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	<0.01	
3/26/2019	<0.01	
9/10/2019	0.0061	
3/31/2020	<0.01	
9/15/2020	0.0037 (J)	
3/16/2021	<0.01	
8/18/2021	<0.01	
2/22/2022	<0.01	
8/2/2022	<0.01	
2/6/2023	<0.01	
8/1/2023	0.0032 (J)	
2/6/2024		0.0045 (J)
8/13/2024		<0.01
2/4/2025		0.0033 (J)
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	0.0035	
12/7/2015	0.0044	
12/15/2015	0.0031	
12/29/2015	0.0028	
1/13/2016	0.0028	
1/25/2016	0.0034	
6/14/2016	0.0036 (J)	
1/11/2017	0.013 (J)	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0048 (J)	
3/26/2019	<0.01	
9/10/2019	0.0069	
4/1/2020	<0.01	
9/15/2020	0.024	
3/16/2021	0.007	
8/17/2021	<0.01	
2/22/2022	0.0054	
8/2/2022	0.0042 (J)	
2/7/2023	0.0031 (J)	
8/2/2023	0.003 (J)	
2/6/2024		0.0028 (J)
8/13/2024		<0.01
2/4/2025		0.0049 (J)
8/4/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	0.0052	
12/15/2015	0.0046	
12/28/2015	0.0042	
1/13/2016	0.0038	
1/25/2016	0.0036	
6/15/2016	0.0028 (J)	
1/11/2017	0.014 (J)	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0059 (J)	
3/26/2019	<0.01	
9/11/2019	0.0062	
4/1/2020	<0.01	
9/15/2020	0.0033 (J)	
3/17/2021	0.0063	
8/19/2021	<0.01	
2/22/2022	0.0057	
8/2/2022	0.0039 (J)	
2/7/2023	<0.01	
8/1/2023	0.0029 (J)	
2/6/2024		0.0041 (J)
8/13/2024		0.0035 (J)
2/4/2025		0.0028 (J)
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	0.0048	
12/14/2015	0.0038	
12/28/2015	0.0042	
1/13/2016	0.0036	
1/25/2016	0.0033	
6/15/2016	0.0032 (J)	
1/11/2017	<0.01	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0024 (J)	
3/26/2019	<0.01	
9/10/2019	0.006	
4/1/2020	<0.01	
9/15/2020	0.0033 (J)	
3/16/2021	0.005	
8/17/2021	<0.01	
2/22/2022	0.0076	
8/2/2022	0.0032 (J)	
2/7/2023	0.0063	
8/1/2023	0.0032 (J)	
2/6/2024		0.0029 (J)
8/13/2024		0.0077
2/4/2025		0.0034 (J)
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	0.0032	
12/8/2015	0.0058	
12/14/2015	0.006	
12/28/2015	0.0058	
1/13/2016	0.0056	
1/26/2016	0.0046	
6/15/2016	0.0053 (J)	
1/11/2017	0.018 (J)	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0059 (J)	
3/27/2019	<0.01	
9/11/2019	0.013	
4/1/2020	0.005	
9/15/2020	0.0052	
3/16/2021	0.006	
8/19/2021	0.013	
2/22/2022	0.0046 (J)	
8/2/2022	0.0074	
2/8/2023	0.0061	
8/2/2023	0.012	
2/6/2024		0.005
8/13/2024		0.0056
2/4/2025		0.0067
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	0.0042	
12/8/2015	0.0017 (J)	
12/14/2015	0.0028	
12/28/2015	0.0024 (J)	
1/14/2016	0.0036	
1/26/2016	0.0036	
6/16/2016	0.0052 (J)	
1/11/2017	0.025	
7/25/2017	<0.01	
1/12/2018	<0.01	
7/11/2018	<0.01	
1/30/2019	0.5 (O)	
3/27/2019	<0.01	
9/11/2019	0.0058	
4/1/2020	<0.01	
9/15/2020	0.0032 (J)	
3/17/2021	0.0032 (J)	
8/19/2021	0.015	
2/23/2022	<0.01	
8/2/2022	0.0058	
2/7/2023	0.0032 (J)	
8/2/2023	0.0044 (J)	
2/7/2024		<0.01
8/14/2024		<0.01
2/5/2025		0.0028 (J)
8/6/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	0.012	
9/11/2004	<0.01	
9/26/2004	<0.01	
7/11/2005	<0.01	
12/7/2005	0.015	
6/24/2006	0.0044	
11/29/2006	0.0034	
6/20/2007	0.0029	
7/6/2007	0.0029	
12/13/2007	<0.01	
6/20/2008	0.0035	
12/7/2008	0.0036	
7/9/2009	0.0032	
12/28/2009	0.0032	
6/22/2010	0.0032	
1/4/2011	<0.01	
7/9/2011	0.0076	
1/21/2012	0.0034	
7/11/2012	0.0028	
1/20/2013	0.0032	
7/19/2013	0.0028	
1/15/2014	0.0047	
7/11/2014	0.0041	
1/16/2015	0.0035	
6/20/2015	0.0043	
1/16/2016	0.002 (J)	
6/15/2016	0.0027 (J)	
1/12/2017	<0.01	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	0.0031 (J)	
3/27/2019	<0.01	
9/11/2019	0.0088	
4/1/2020	0.0046 (J)	
9/15/2020	0.0049 (J)	
3/16/2021	0.0047 (J)	
8/18/2021	0.0035 (J)	
2/23/2022	<0.01	
8/3/2022	0.0073	
2/7/2023	0.0055	
8/2/2023	0.0062	
2/7/2024		0.0033 (J)
8/14/2024		0.0029 (J)
2/5/2025		0.003 (J)
8/6/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.01	
9/11/2004	0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/7/2005	<0.01	
6/24/2006	0.0034	
11/29/2006	0.019 (o)	
6/20/2007	<0.01	
7/6/2007	<0.01	
12/13/2007	<0.01	
6/20/2008	0.0039	
12/7/2008	<0.01	
7/10/2009	<0.01	
12/29/2009	<0.01	
6/22/2010	<0.01	
1/4/2011	<0.01	
7/10/2011	0.0026	
1/19/2012	0.0039	
1/21/2012	<0.01	
7/11/2012	<0.01	
1/20/2013	<0.01	
7/19/2013	<0.01	
7/20/2013	<0.01	
1/16/2014	0.0031	
7/10/2014	0.0012 (J)	
1/16/2015	0.0017 (J)	
6/20/2015	0.0036	
1/16/2016	<0.01	
6/16/2016	<0.01	
1/12/2017	<0.01	
7/24/2017	<0.01	
1/11/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0058	
4/1/2020	<0.01	
9/15/2020	0.0043 (J)	
3/16/2021	<0.01	
8/18/2021	<0.01	
2/23/2022	<0.01	
8/3/2022	0.0046 (J)	
2/8/2023	<0.01	
8/2/2023	0.0046 (J)	
2/7/2024		<0.01
8/14/2024		<0.01
2/4/2025		<0.01
8/6/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.01	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/7/2005	<0.01	
6/25/2006	0.0025	
11/28/2006	0.0026	
6/21/2007	0.0025	
7/6/2007	0.0025	
12/14/2007	<0.01	
6/20/2008	0.0089	
12/7/2008	0.041 (O)	
7/10/2009	<0.01	
12/29/2009	<0.01	
6/22/2010	<0.01	
1/5/2011	<0.01	
7/9/2011	<0.01	
1/21/2012	0.005	
7/11/2012	0.0025	
1/19/2013	<0.01	
7/19/2013	<0.01	
1/15/2014	0.0034	
7/11/2014	0.0019 (J)	
1/16/2015	<0.01	
6/20/2015	<0.01	
1/14/2016	0.0022 (J)	
6/15/2016	0.0028 (J)	
1/12/2017	<0.01	
7/24/2017	<0.01	
1/11/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.005	
4/2/2020	0.0049 (J)	
9/15/2020	<0.01	
3/17/2021	0.0032 (J)	
8/18/2021	<0.01	
2/23/2022	<0.01	
8/2/2022	0.0052	
2/8/2023	<0.01	
8/2/2023	0.0061	
2/7/2024		<0.01
8/14/2024		<0.01
2/5/2025		<0.01
8/6/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.01	
9/11/2004	0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/11/2005	<0.01	
12/7/2005	<0.01	
6/24/2006	0.0038	
11/28/2006	0.007	
6/20/2007	0.0067	
7/6/2007	0.0025	
12/13/2007	0.0032	
6/20/2008	0.0044	
12/7/2008	0.0042	
7/10/2009	0.0025	
12/28/2009	0.0027	
6/22/2010	<0.01	
1/4/2011	0.0033	
7/9/2011	0.0043	
1/20/2012	0.0038	
7/11/2012	0.0035	
1/19/2013	0.0028	
7/18/2013	0.0028	
1/15/2014	0.0053	
7/11/2014	0.0034	
1/15/2015	0.003	
6/19/2015	0.0035	
1/16/2016	0.0023 (J)	
6/15/2016	0.0031 (J)	
1/12/2017	<0.01	
7/20/2017	<0.01	
1/11/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0066	
4/1/2020	<0.01	
9/16/2020	0.0033 (J)	
3/16/2021	<0.01	
8/18/2021	0.0081	
2/23/2022	<0.01	
8/3/2022	0.0071	
2/7/2023	<0.01	
8/2/2023	0.0036 (J)	
2/8/2024		0.004 (J)
8/14/2024		0.017
2/5/2025		<0.01
8/6/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.0035	
12/15/2015	0.0028	
12/28/2015	0.0023 (J)	
1/14/2016	0.012	
1/26/2016	0.0034	
6/16/2016	0.0026 (J)	
1/16/2017	<0.01	
7/25/2017	<0.01	
1/12/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0051 (J)	
3/27/2019	<0.01	
9/11/2019	0.0046 (J)	
4/1/2020	<0.01	
9/16/2020	0.004 (J)	
3/16/2021	<0.01	
8/19/2021	0.017	
2/23/2022	<0.01	
8/3/2022	0.0057	
2/8/2023	<0.01	
8/2/2023	0.0051	
2/7/2024		<0.01
8/14/2024		<0.01
2/4/2025		<0.01
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.0035	
12/14/2015	0.0056	
12/29/2015	0.0084	
1/14/2016	0.0048	
1/25/2016	0.0069	
6/16/2016	0.0048 (J)	
1/13/2017	<0.01	
7/25/2017	<0.01	
1/12/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0073	
4/1/2020	<0.01	
9/15/2020	0.0044 (J)	
3/16/2021	<0.01	
8/19/2021	<0.01	
2/22/2022	0.0034 (J)	
8/3/2022	0.0042 (J)	
2/8/2023	<0.01	
8/2/2023	0.004 (J)	
2/7/2024		<0.01
8/14/2024		<0.01
2/5/2025		<0.01
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	0.0016 (J)	
12/14/2015	0.0015 (J)	
12/29/2015	<0.01	
1/14/2016	0.0052	
1/25/2016	0.0017 (J)	
6/16/2016	0.0097 (J)	
1/12/2017	<0.01	
7/25/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/30/2019	0.0025 (J)	
3/27/2019	<0.01	
9/11/2019	0.0063	
4/1/2020	0.0032 (J)	
9/15/2020	<0.01	
3/17/2021	<0.01	
8/19/2021	<0.01	
2/23/2022	0.004 (J)	
8/4/2022	0.016	
2/8/2023	<0.01	
8/3/2023	0.0047 (J)	
2/7/2024		<0.01
8/14/2024		<0.01
2/5/2025		0.0034 (J)
8/5/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.0098 (J)	
1/17/2017	<0.01	
7/25/2017	0.0069 (J)	
1/12/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	0.0049 (J)	
3/27/2019	<0.01	
9/11/2019	0.0086	
4/1/2020	0.0033 (J)	
9/15/2020	0.004 (J)	
3/17/2021	0.0033 (J)	
8/19/2021	0.0081	
2/23/2022	0.017	
8/4/2022	0.016	
2/8/2023	0.0046 (J)	
8/3/2023	0.0049 (J)	
2/7/2024		0.0035 (J)
8/14/2024		<0.01
2/5/2025		<0.01
8/6/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 9:52 AM View: Appendix I - Mann-Whitney

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.01	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/8/2005	<0.01	
6/25/2006	<0.01	
11/29/2006	0.0034	
6/20/2007	0.0049	
7/6/2007	0.0049	
12/13/2007	<0.01	
6/20/2008	0.006	
12/7/2008	0.0043	
7/9/2009	<0.01	
12/29/2009	0.0061	
6/22/2010	<0.01	
1/5/2011	<0.01	
7/9/2011	0.0077	
1/21/2012	0.0032	
7/11/2012	<0.01	
1/19/2013	<0.01	
7/18/2013	<0.01	
1/15/2014	0.0036	
7/10/2014	0.0024 (J)	
1/16/2015	0.0055	
6/20/2015	<0.01	
1/14/2016	<0.01	
6/15/2016	0.0037 (J)	
1/13/2017	<0.01	
7/24/2017	<0.01	
1/12/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	0.051 (o)	
3/27/2019	<0.01	
9/11/2019	0.0058	
4/1/2020	<0.01	
9/16/2020	0.0035 (J)	
3/17/2021	<0.01	
8/19/2021	<0.01	
2/23/2022	<0.01	
8/3/2022	0.005	
2/8/2023	<0.01	
8/2/2023	0.0032 (J)	
2/7/2024		<0.01
8/14/2024		<0.01
2/5/2025		<0.01
8/6/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

FIGURE E.

Mann-Whitney Test - Appendix III - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 2/26/2026, 10:56 AM

Constituent	Well	Calc.	0.01	Sig.	Method
Sulfate (mg/L)	**GWC-18 (bg)**	**-2.598**	**Yes**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-11**	**-2.988**	**Yes**	**Yes**	**Mann-W**

Mann-Whitney Test - Appendix III - All Results

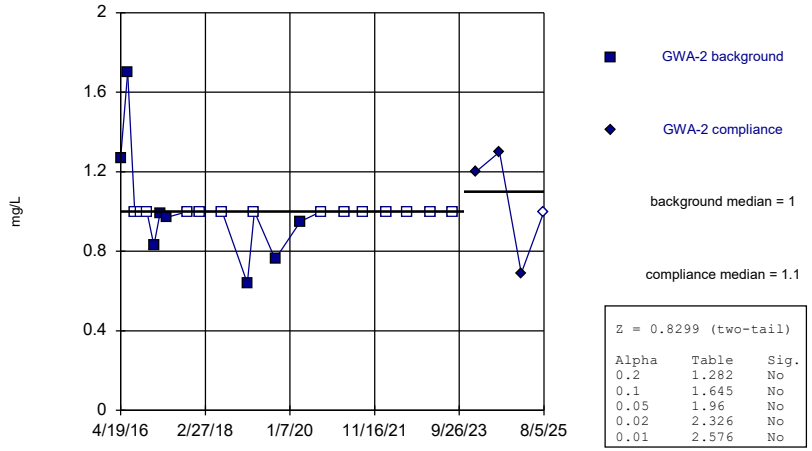
Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 2/26/2026, 10:56 AM

Constituent	Well	Calc.	0.01	Sig.	Method
Sulfate (mg/L)	GWA-2 (bg)	0.8299	No	No	Mann-W
Sulfate (mg/L)	GWA-3 (bg)	-0.3698	No	No	Mann-W
Sulfate (mg/L)	GWA-4A (bg)	-2.453	No	No	Mann-W
Sulfate (mg/L)	GWA-5 (bg)	-0.1925	No	No	Mann-W
Sulfate (mg/L)	GWA-13 (bg)	-1.934	No	No	Mann-W
Sulfate (mg/L)	GWA-14 (bg)	-1.711	No	No	Mann-W
Sulfate (mg/L)	GWA-15 (bg)	-1.16	No	No	Mann-W
Sulfate (mg/L)	GWA-16 (bg)	-1.703	No	No	Mann-W
Sulfate (mg/L)	GWC-17 (bg)	-0.7608	No	No	Mann-W
Sulfate (mg/L)	**GWC-18 (bg)**	**-2.598**	**Yes**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-1	-0.07162	No	No	Mann-W
Sulfate (mg/L)	GWC-10	-0.534	No	No	Mann-W
Sulfate (mg/L)	**GWC-11**	**-2.988**	**Yes**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-12	-2.553	No	No	Mann-W
Sulfate (mg/L)	GWC-19	-0.6415	No	No	Mann-W
Sulfate (mg/L)	GWC-20	-1.785	No	No	Mann-W
Sulfate (mg/L)	GWC-21	-2.164	No	No	Mann-W
Sulfate (mg/L)	GWC-23	-0.7818	No	No	Mann-W
Sulfate (mg/L)	GWC-9	-1.177	No	No	Mann-W

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-2 (bg)



Z = 0.8299 (two-tail)

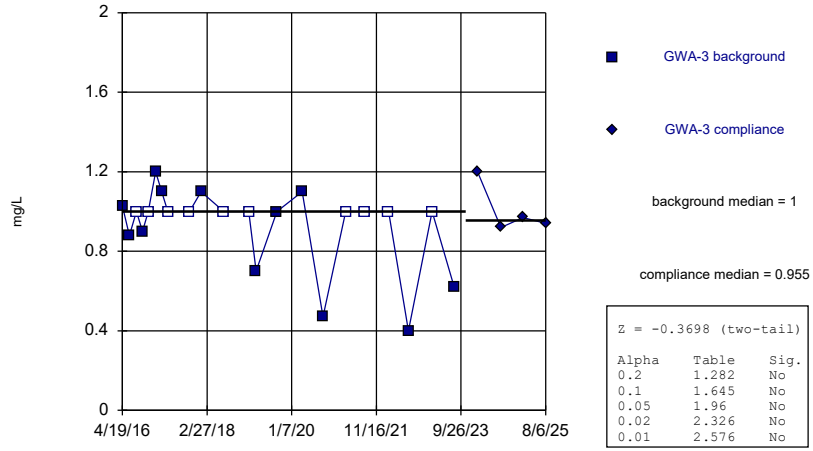
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3 (bg)



Z = -0.3698 (two-tail)

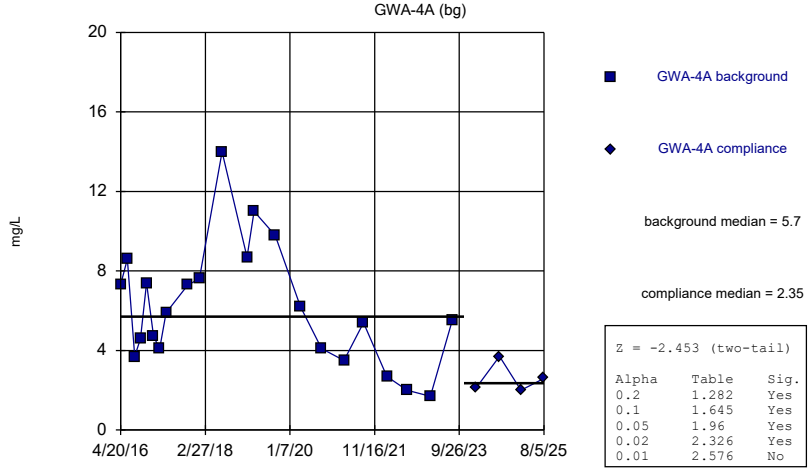
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-4A (bg)



Z = -2.453 (two-tail)

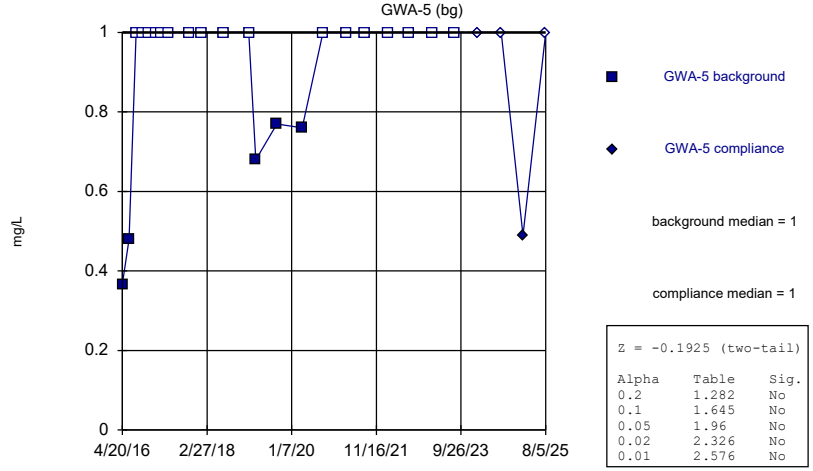
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-5 (bg)



Z = -0.1925 (two-tail)

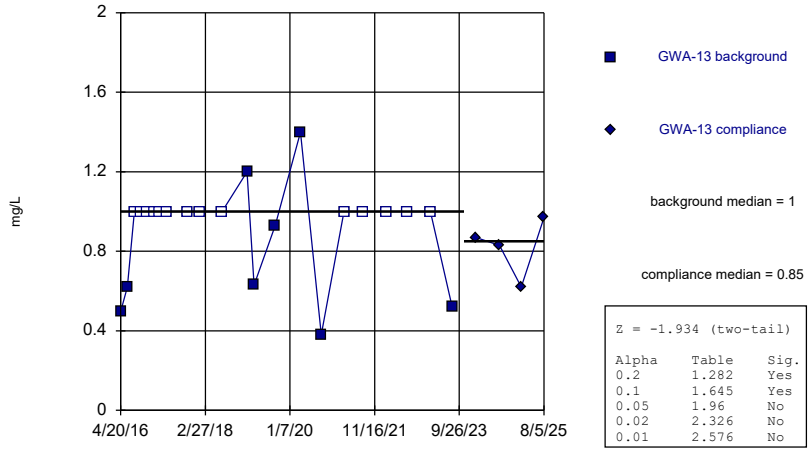
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-13 (bg)



Z = -1.934 (two-tail)

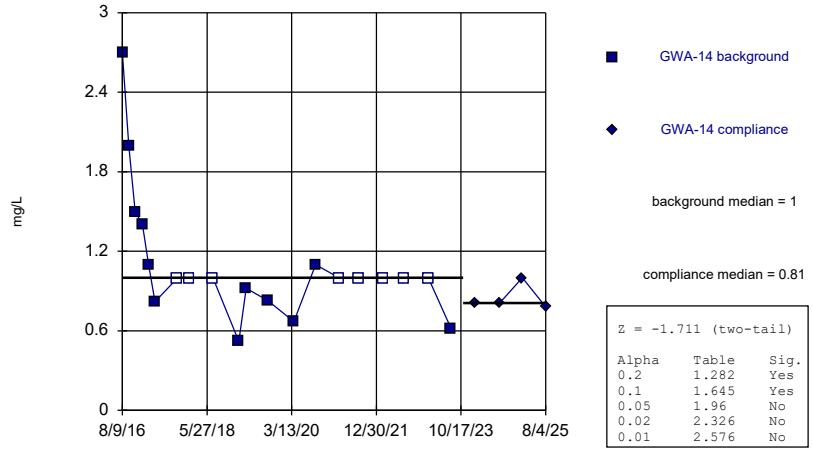
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-14 (bg)



Z = -1.711 (two-tail)

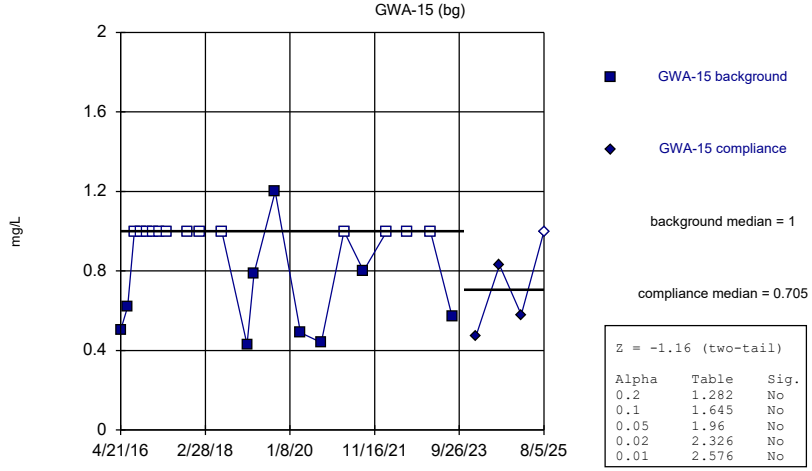
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -1.16 (two-tail)

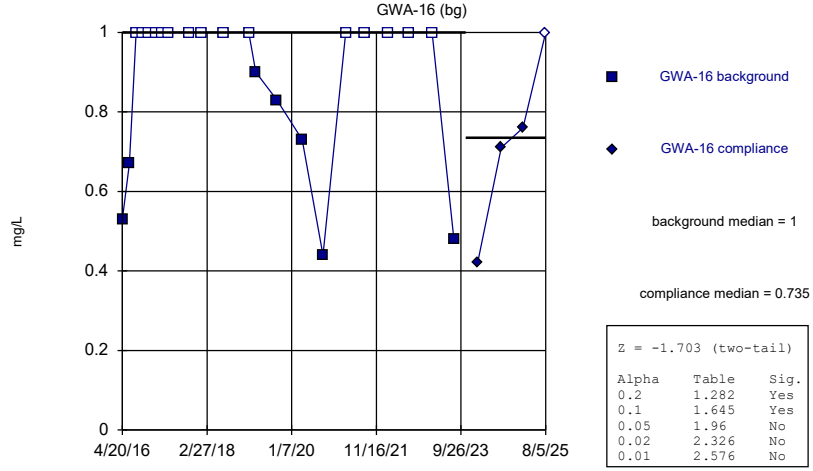
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = -1.703 (two-tail)

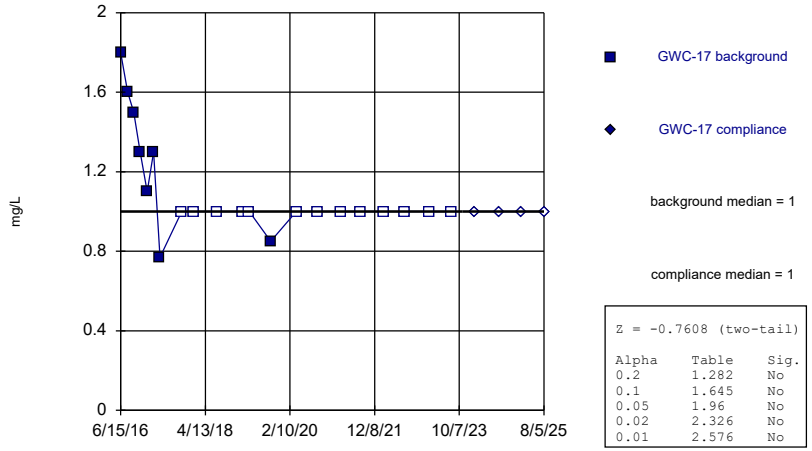
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-17 (bg)



Z = -0.7608 (two-tail)

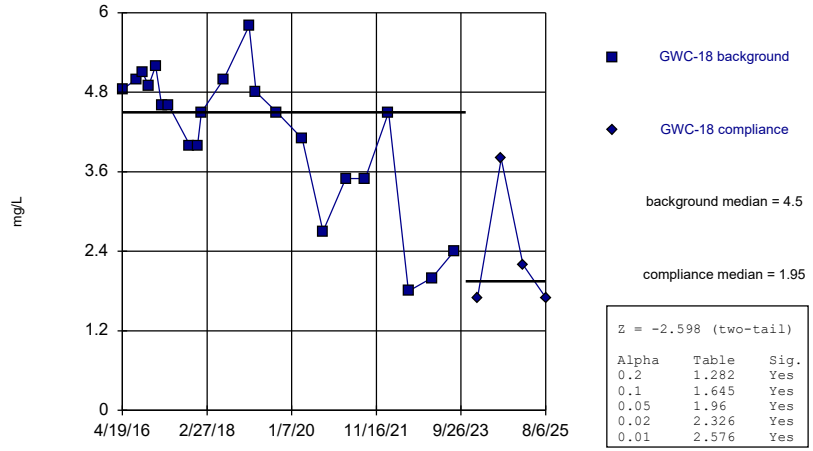
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18 (bg)



Z = -2.598 (two-tail)

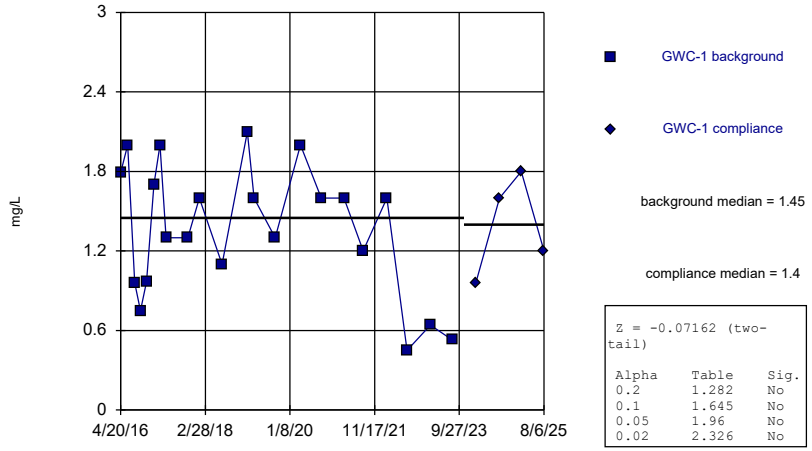
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -0.07162 (two-tail)

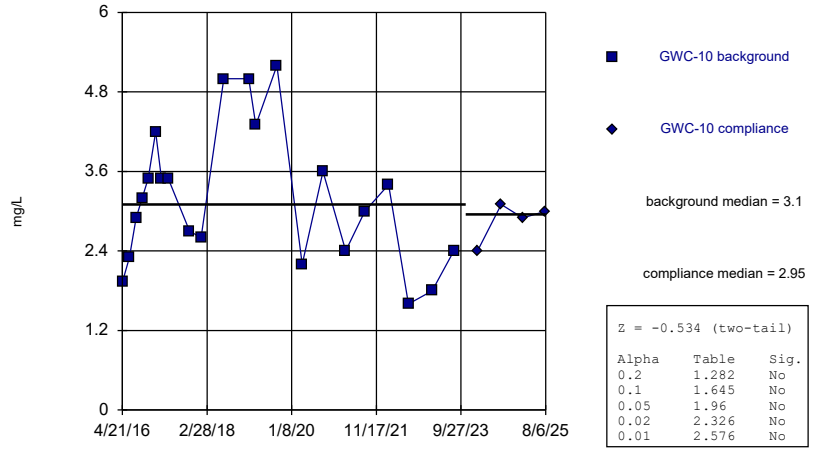
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.534 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

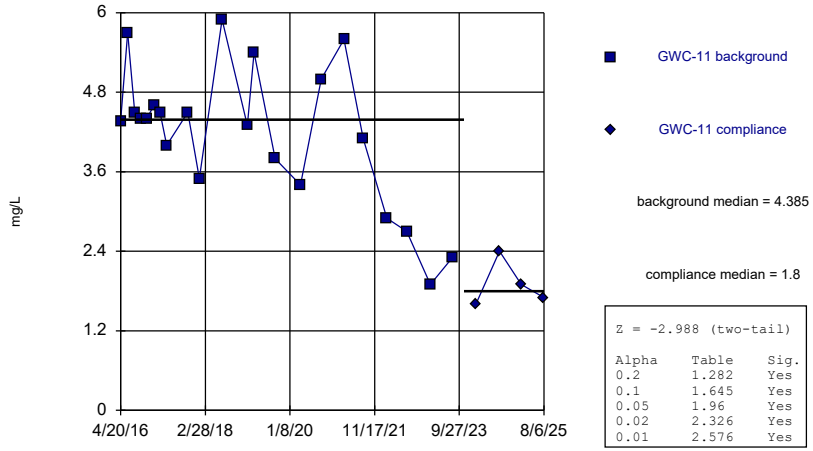
Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -2.988 (two-tail)

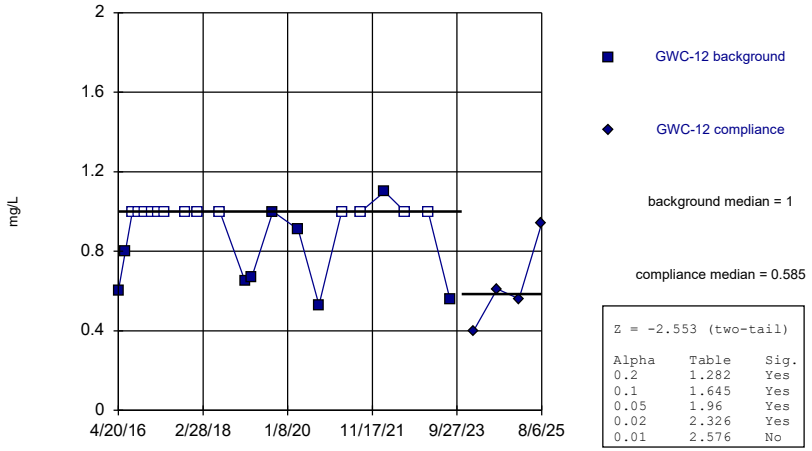
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -2.553 (two-tail)

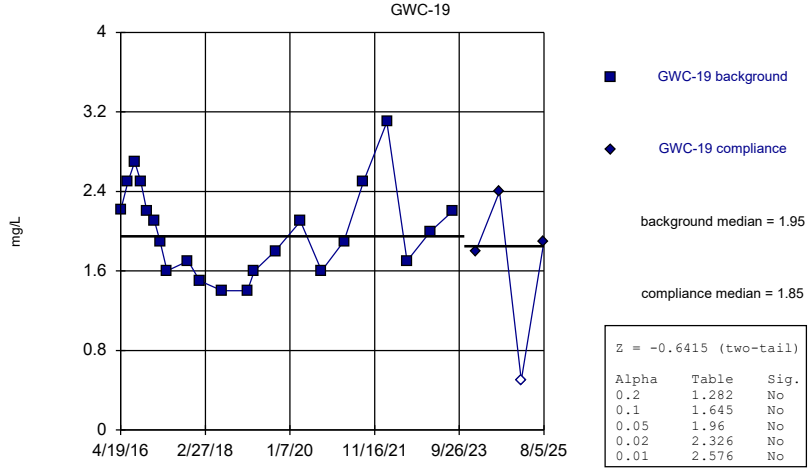
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -0.6415 (two-tail)

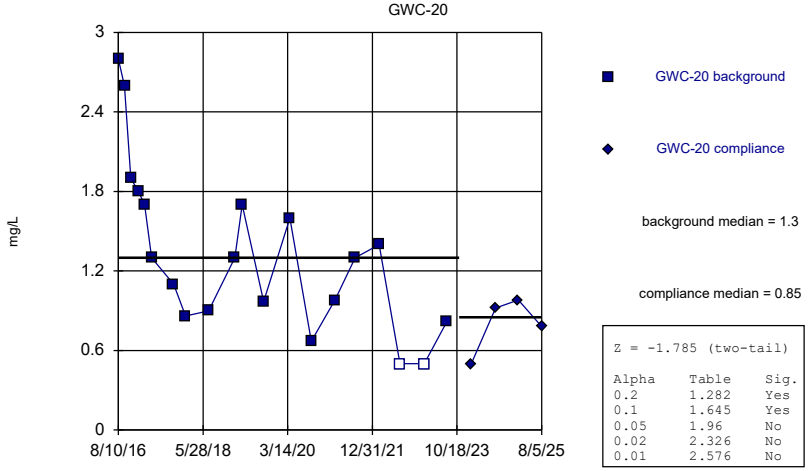
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -1.785 (two-tail)

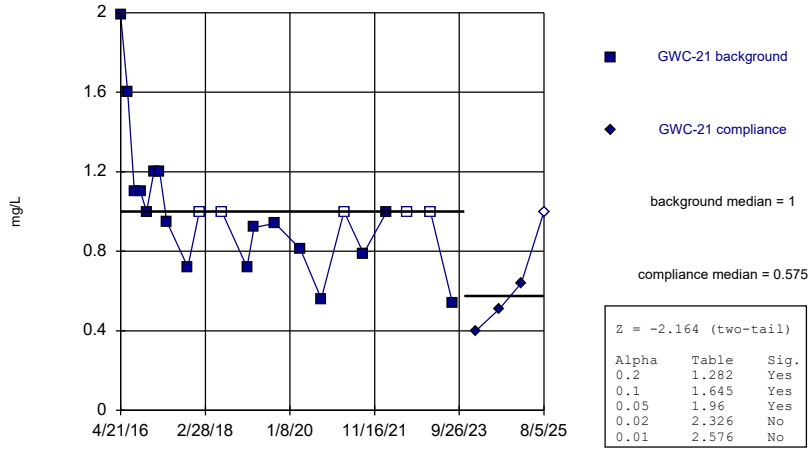
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-21



Z = -2.164 (two-tail)

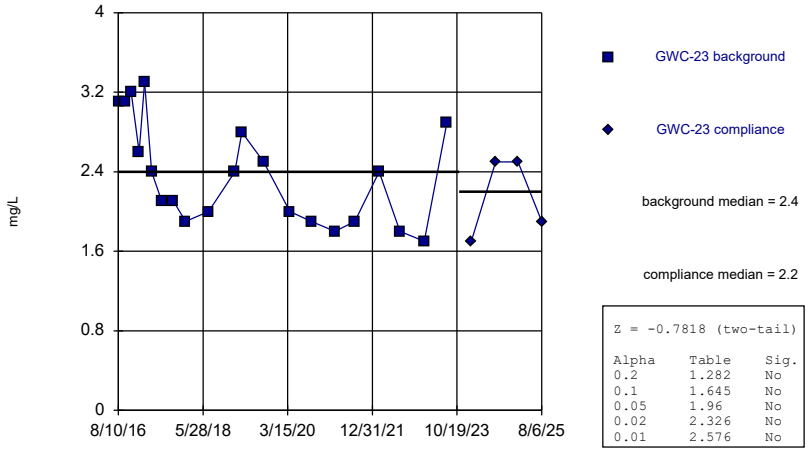
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-23



Z = -0.7818 (two-tail)

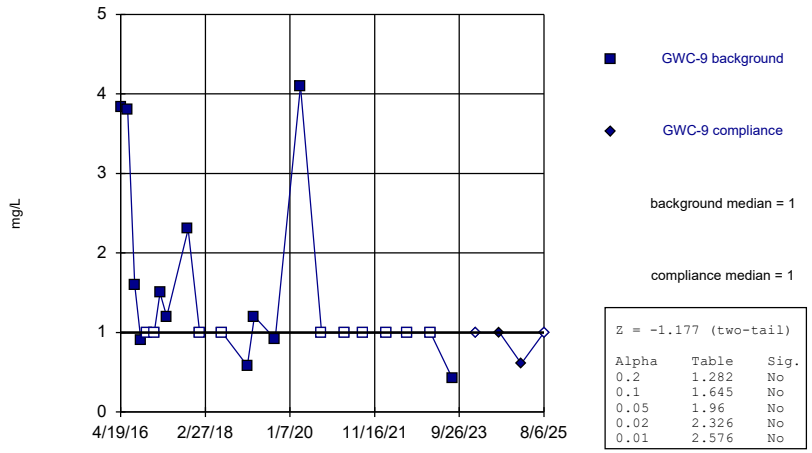
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.03a Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -1.177 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 2/26/2026 10:54 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
4/19/2016	1.27	
6/14/2016	1.7	
8/9/2016	<1	
9/26/2016	<1	
11/15/2016	<1	
1/10/2017	0.83 (J)	
2/28/2017	0.99 (J)	
4/19/2017	0.97 (J)	
10/10/2017	<1	
1/10/2018	<1	
7/11/2018	<1	
1/29/2019	0.64 (J)	
3/27/2019	<1	
9/11/2019	0.76 (J)	
4/1/2020	0.95 (J)	
9/15/2020	<1	
3/16/2021	<1	
8/17/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/1/2023	<1	
2/6/2024		1.2
8/15/2024		1.3
2/4/2025		0.69 (J)
8/5/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
4/19/2016	1.03	
6/14/2016	0.88 (J)	
8/9/2016	<1	
9/27/2016	0.9 (J)	
11/14/2016	<1	
1/10/2017	1.2	
2/28/2017	1.1	
4/19/2017	<1	
10/11/2017	<1	
1/10/2018	1.1	
7/11/2018	<1	
1/29/2019	<1	
3/27/2019	0.7 (J)	
9/11/2019	1	
4/1/2020	1.1	
9/15/2020	0.47 (J)	
3/16/2021	<1	
8/17/2021	<1	
2/22/2022	<1	
8/2/2022	0.4 (J)	
2/7/2023	<1	
8/2/2023	0.62 (J)	
2/6/2024		1.2
8/13/2024		0.92 (J)
2/4/2025		0.97 (J)
8/6/2025		0.94 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
4/20/2016	7.31	
6/14/2016	8.6	
8/11/2016	3.7	
9/27/2016	4.6	
11/14/2016	7.4	
1/10/2017	4.7	
2/28/2017	4.1	
4/20/2017	5.9	
10/10/2017	7.3	
1/10/2018	7.6	
7/11/2018	14	
1/29/2019	8.7	
3/26/2019	11	
9/10/2019	9.8	
3/31/2020	6.2	
9/16/2020	4.1	
3/17/2021	3.5	
8/19/2021	5.4	
2/23/2022	2.7	
8/3/2022	2	
2/7/2023	1.7	
8/1/2023	5.5	
2/6/2024		2.1
8/13/2024		3.7
2/3/2025		2
8/5/2025		2.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
4/20/2016	0.367 (J)	
6/14/2016	0.48 (J)	
8/9/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/11/2017	<1	
2/28/2017	<1	
4/20/2017	<1	
10/11/2017	<1	
1/10/2018	<1	
7/11/2018	<1	
1/29/2019	<1	
3/26/2019	0.68 (J)	
9/10/2019	0.77 (J)	
3/31/2020	0.76 (J)	
9/15/2020	<1	
3/17/2021	<1	
8/19/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/1/2023	<1	
2/6/2024		<1
8/13/2024		<1
2/4/2025		0.49 (J)
8/5/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
4/20/2016	0.496 (J)	
6/14/2016	0.62 (J)	
8/9/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/12/2017	<1	
2/28/2017	<1	
4/20/2017	<1	
10/11/2017	<1	
1/10/2018	<1	
7/11/2018	<1	
1/29/2019	1.2	
3/26/2019	0.63 (J)	
9/10/2019	0.93 (J)	
3/31/2020	1.4	
9/15/2020	0.38 (J)	
3/16/2021	<1	
8/18/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/6/2023	<1	
8/1/2023	0.52 (J)	
2/6/2024		0.87 (J)
8/13/2024		0.83 (J)
2/4/2025		0.62 (J)
8/5/2025		0.97 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
4/20/2016	5.85 (O)	
6/14/2016	4.6 (O)	
8/9/2016	2.7	
9/27/2016	2	
11/15/2016	1.5	
1/11/2017	1.4	
2/28/2017	1.1	
4/20/2017	0.82 (J)	
10/11/2017	<1	
1/11/2018	<1	
7/11/2018	<1	
1/29/2019	0.52 (J)	
3/26/2019	0.92 (J)	
9/10/2019	0.83 (J)	
4/1/2020	0.67 (J)	
9/15/2020	1.1	
3/16/2021	<1	
8/17/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/2/2023	0.62 (J)	
2/6/2024		0.81 (J)
8/13/2024		0.81 (J)
2/4/2025		1 (F1)
8/4/2025		0.78 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
4/21/2016	0.503 (J)	
6/15/2016	0.62 (J)	
8/9/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/11/2017	<1	
2/28/2017	<1	
4/20/2017	<1	
10/11/2017	<1	
1/11/2018	<1	
7/11/2018	<1	
1/29/2019	0.43 (J)	
3/26/2019	0.79 (J)	
9/11/2019	1.2	
4/1/2020	0.49 (J)	
9/15/2020	0.44 (J)	
3/17/2021	<1	
8/19/2021	0.8 (J)	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/1/2023	0.57 (J)	
2/6/2024		0.47 (J)
8/13/2024		0.83 (J)
2/4/2025		0.58 (J)
8/5/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
4/20/2016	0.53 (J)	
6/15/2016	0.67 (J)	
8/9/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/11/2017	<1	
3/1/2017	<1	
4/20/2017	<1	
10/11/2017	<1	
1/11/2018	<1	
7/11/2018	<1	
1/29/2019	<1	
3/26/2019	0.9 (J)	
9/10/2019	0.83 (J)	
4/1/2020	0.73 (J)	
9/15/2020	0.44 (J)	
3/16/2021	<1	
8/17/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/1/2023	0.48 (J)	
2/6/2024		0.42 (J)
8/13/2024		0.71 (J)
2/4/2025		0.76 (J)
8/5/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
4/20/2016	2.93	
6/15/2016	1.8	
8/9/2016	1.6	
9/27/2016	1.5	
11/15/2016	1.3	
1/11/2017	1.1	
3/1/2017	1.3	
4/20/2017	0.77 (J)	
10/11/2017	<1	
1/11/2018	<1	
7/11/2018	<1	
1/29/2019	<1	
3/27/2019	<1	
9/11/2019	0.85 (J)	
4/1/2020	<1	
9/15/2020	<1	
3/16/2021	<1	
8/19/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/8/2023	<1	
8/2/2023	<1	
2/6/2024		<1
8/13/2024		<1
2/4/2025		<1
8/5/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
4/19/2016	4.84	
6/16/2016	9 (O)	
8/11/2016	5	
9/28/2016	5.1	
11/16/2016	4.9	
1/11/2017	5.2	
3/1/2017	4.6	
4/25/2017	4.6	
10/12/2017	4	
12/13/2017	4	
1/12/2018	4.5	
7/11/2018	5	
1/30/2019	5.8	
3/27/2019	4.8	
9/11/2019	4.5	
4/1/2020	4.1	
9/15/2020	2.7	
3/17/2021	3.5	
8/19/2021	3.5	
2/23/2022	4.5	
8/2/2022	1.8	
2/7/2023	2	
8/2/2023	2.4	
2/7/2024		1.7
8/14/2024		3.8
2/5/2025		2.2
8/6/2025		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
4/20/2016	1.79	
6/15/2016	2	
8/10/2016	0.96 (J)	
9/27/2016	0.75 (J)	
11/15/2016	0.97 (J)	
1/12/2017	1.7	
3/1/2017	2	
4/20/2017	1.3	
10/11/2017	1.3	
1/11/2018	1.6	
7/12/2018	1.1	
1/30/2019	2.1	
3/27/2019	1.6	
9/11/2019	1.3	
4/1/2020	2	
9/15/2020	1.6	
3/16/2021	1.6	
8/18/2021	1.2	
2/23/2022	1.6	
8/3/2022	0.45 (J)	
2/7/2023	0.64 (J)	
8/2/2023	0.53 (J)	
2/7/2024		0.96 (J)
8/14/2024		1.6
2/5/2025		1.8
8/6/2025		1.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
4/21/2016	1.93	
6/16/2016	2.3	
8/10/2016	2.9	
9/27/2016	3.2	
11/15/2016	3.5	
1/12/2017	4.2	
3/1/2017	3.5	
4/24/2017	3.5	
10/12/2017	2.7	
1/11/2018	2.6	
7/12/2018	5	
1/30/2019	5	
3/27/2019	4.3	
9/11/2019	5.2	
4/1/2020	2.2	
9/15/2020	3.6	
3/16/2021	2.4	
8/18/2021	3	
2/23/2022	3.4	
8/3/2022	1.6	
2/8/2023	1.8	
8/2/2023	2.4	
2/7/2024		2.4
8/14/2024		3.1
2/4/2025		2.9
8/6/2025		3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
4/20/2016	4.37	
6/15/2016	5.7	
8/10/2016	4.5	
9/27/2016	4.4	
11/15/2016	4.4	
1/12/2017	4.6	
3/1/2017	4.5	
4/24/2017	4	
10/11/2017	4.5	
1/11/2018	3.5	
7/12/2018	5.9	
1/30/2019	4.3	
3/27/2019	5.4	
9/11/2019	3.8	
4/2/2020	3.4	
9/15/2020	5	
3/17/2021	5.6	
8/18/2021	4.1	
2/23/2022	2.9	
8/2/2022	2.7	
2/8/2023	1.9	
8/2/2023	2.3	
2/7/2024		1.6
8/14/2024		2.4
2/5/2025		1.9
8/6/2025		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
4/20/2016	0.601 (J)	
6/15/2016	0.8 (J)	
8/10/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/12/2017	<1	
3/1/2017	<1	
4/20/2017	<1	
10/12/2017	<1	
1/11/2018	<1	
7/12/2018	<1	
1/30/2019	0.65 (J)	
3/27/2019	0.67 (J)	
9/11/2019	1	
4/1/2020	0.91 (J)	
9/16/2020	0.53 (J)	
3/16/2021	<1	
8/18/2021	<1	
2/23/2022	1.1	
8/3/2022	<1	
2/7/2023	<1	
8/2/2023	0.56 (J)	
2/8/2024		0.4 (J)
8/14/2024		0.61 (J)
2/5/2025		0.56 (J)
8/6/2025		0.94 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
4/19/2016	2.21	
6/16/2016	2.5	
8/10/2016	2.7	
9/28/2016	2.5	
11/15/2016	2.2	
1/16/2017	2.1	
3/1/2017	1.9	
4/25/2017	1.6	
10/12/2017	1.7	
1/12/2018	1.5	
7/11/2018	1.4	
1/29/2019	1.4	
3/27/2019	1.6	
9/11/2019	1.8	
4/1/2020	2.1	
9/16/2020	1.6	
3/16/2021	1.9	
8/19/2021	2.5	
2/23/2022	3.1	
8/3/2022	1.7	
2/8/2023	2	
8/2/2023	2.2	
2/7/2024		1.8
8/14/2024		2.4
2/4/2025		<1
8/5/2025		1.9

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
4/21/2016	5.25	
6/16/2016	3.9	
8/10/2016	2.8	
9/27/2016	2.6	
11/15/2016	1.9	
1/13/2017	1.8	
3/1/2017	1.7	
4/25/2017	1.3	
10/12/2017	1.1	
1/12/2018	0.86 (J)	
7/11/2018	0.9 (J)	
1/29/2019	1.3	
3/27/2019	1.7	
9/11/2019	0.97 (J)	
4/1/2020	1.6	
9/15/2020	0.67 (J)	
3/16/2021	0.98 (J)	
8/19/2021	1.3	
2/22/2022	1.4	
8/3/2022	<1	
2/8/2023	<1	
8/2/2023	0.82 (J)	
2/7/2024		0.5 (J)
8/14/2024		0.92 (J)
2/5/2025		0.98 (J)
8/5/2025		0.78 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
4/21/2016	1.99	
6/16/2016	1.6	
8/10/2016	1.1	
9/27/2016	1.1	
11/15/2016	1	
1/12/2017	1.2	
3/1/2017	1.2	
4/24/2017	0.95 (J)	
10/12/2017	0.72 (J)	
1/11/2018	<1	
7/11/2018	<1	
1/30/2019	0.72 (J)	
3/27/2019	0.92 (J)	
9/11/2019	0.94 (J)	
4/1/2020	0.81 (J)	
9/15/2020	0.56 (J)	
3/17/2021	<1	
8/19/2021	0.79 (J)	
2/23/2022	1	
8/4/2022	<1	
2/8/2023	<1	
8/3/2023	0.54 (J)	
2/7/2024		0.4 (J)
8/14/2024		0.51 (J)
2/5/2025		0.64 (J)
8/5/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	9.2 (O)	
8/10/2016	3.1	
9/28/2016	3.1	
11/16/2016	3.2	
1/17/2017	2.6	
3/2/2017	3.3	
4/25/2017	2.4	
7/13/2017	2.1	
10/12/2017	2.1	
1/12/2018	1.9	
7/12/2018	2	
1/30/2019	2.4	
3/27/2019	2.8	
9/11/2019	2.5	
4/1/2020	2	
9/15/2020	1.9	
3/17/2021	1.8	
8/19/2021	1.9	
2/23/2022	2.4	
8/4/2022	1.8	
2/8/2023	1.7	
8/3/2023	2.9	
2/7/2024		1.7
8/14/2024		2.5
2/5/2025		2.5
8/6/2025		1.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 2/26/2026 10:56 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
4/19/2016	3.84	
6/15/2016	3.8	
8/10/2016	1.6	
9/27/2016	0.91 (J)	
11/15/2016	<1	
1/13/2017	<1	
3/1/2017	1.5	
4/24/2017	1.2	
10/12/2017	2.3	
1/12/2018	<1	
7/12/2018	<1	
1/30/2019	0.58 (J)	
3/27/2019	1.2	
9/11/2019	0.92 (J)	
4/1/2020	4.1	
9/16/2020	<1	
3/17/2021	<1	
8/19/2021	<1	
2/23/2022	<1	
8/3/2022	<1	
2/8/2023	<1	
8/2/2023	0.42 (J)	
2/7/2024		<1
8/14/2024		1
2/5/2025		0.61 (J)
8/6/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

FIGURE F.

Appendix I & III Trend Tests - Upgradient Wells - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/8/2026, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	GWA-2 (bg)	-0.02209	-156	-124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-3 (bg)	-0.02173	-174	-124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-4A (bg)	-0.09716	-205	-124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-5 (bg)	-0.1406	-180	-124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-13 (bg)	0.01435	125	124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0.0557	128	124	Yes	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-18 (bg)	-0.8619	-166	-131	Yes	28	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-2 (bg)	-0.08749	-189	-124	Yes	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-3 (bg)	-0.3888	-303	-124	Yes	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-5 (bg)	0.06183	138	118	Yes	26	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-17 (bg)	0.07719	174	124	Yes	27	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-18 (bg)	-0.01629	-157	-131	Yes	28	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-5 (bg)	-0.06426	-249	-131	Yes	28	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-13 (bg)	-0.03897	-200	-139	Yes	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-14 (bg)	-0.04737	-230	-139	Yes	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-16 (bg)	-0.03163	-220	-139	Yes	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWC-18 (bg)	-0.05	-147	-146	Yes	30	0	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-15 (bg)	1.817	129	124	Yes	27	7.407	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-16 (bg)	2.37	141	124	Yes	27	14.81	n/a	n/a	0.01	NP

Appendix I & III Trend tests - Upgradient Wells - All Results

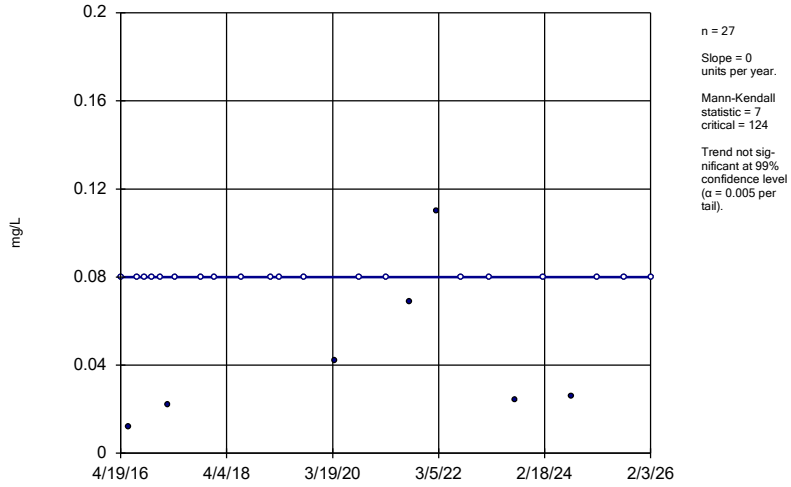
Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/8/2026, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	GWA-2 (bg)	0	7	124	No	27	74.07	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-3 (bg)	0	-45	-124	No	27	77.78	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-4A (bg)	0	-42	-124	No	27	70.37	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-5 (bg)	0	-7	-124	No	27	85.19	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-13 (bg)	0	0	124	No	27	85.19	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-14 (bg)	0	17	124	No	27	88.89	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-15 (bg)	0	24	124	No	27	96.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWA-16 (bg)	0	17	124	No	27	92.59	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-17 (bg)	0	24	124	No	27	96.3	n/a	n/a	0.01	NP
Boron (mg/L)	GWC-18 (bg)	0	-15	-124	No	27	88.89	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-2 (bg)**	**-0.02209**	**-156**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-3 (bg)**	**-0.02173**	**-174**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-4A (bg)**	**-0.09716**	**-205**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-5 (bg)**	**-0.1406**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-13 (bg)**	**0.01435**	**125**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-14 (bg)	0	9	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-15 (bg)**	**0.0557**	**128**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-16 (bg)	0.007684	119	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-17 (bg)	0.021	90	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-18 (bg)**	**-0.8619**	**-166**	**-131**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-2 (bg)**	**-0.08749**	**-189**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-3 (bg)**	**-0.3888**	**-303**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-4A (bg)	0.03308	72	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-5 (bg)**	**0.06183**	**138**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-13 (bg)	0	8	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-14 (bg)	-0.03646	-120	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	-0.01215	-41	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-16 (bg)	0.01501	60	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWC-17 (bg)**	**0.07719**	**174**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-18 (bg)	-0.04216	-87	-124	No	27	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-2 (bg)	0	31	124	No	27	55.56	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-3 (bg)	0	-5	-124	No	27	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-4A (bg)	0	5	124	No	27	74.07	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-5 (bg)	0	29	124	No	27	62.96	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-13 (bg)	0	21	124	No	27	74.07	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-14 (bg)	0	19	124	No	27	74.07	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-15 (bg)	0	21	124	No	27	74.07	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-16 (bg)	0	66	124	No	27	77.78	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-17 (bg)	-0.0003085	-20	-124	No	27	3.704	n/a	n/a	0.01	NP
Fluoride (mg/L)	**GWC-18 (bg)**	**-0.01629**	**-157**	**-131**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-2 (bg)	-0.02343	-139	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-3 (bg)	-0.009796	-48	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-4A (bg)	-0.04355	-110	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-5 (bg)**	**-0.06426**	**-249**	**-131**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-13 (bg)**	**-0.03897**	**-200**	**-139**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-14 (bg)**	**-0.04737**	**-230**	**-139**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-15 (bg)	-0.02717	-74	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-16 (bg)**	**-0.03163**	**-220**	**-139**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-17 (bg)	-0.008454	-52	-139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWC-18 (bg)**	**-0.05**	**-147**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWA-2 (bg)	2.345	108	124	No	27	3.704	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-3 (bg)	0.5046	38	124	No	27	7.407	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-4A (bg)	-0.3392	-38	-124	No	27	11.11	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-5 (bg)	0.66	30	124	No	27	7.407	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-13 (bg)	1.822	112	124	No	27	14.81	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-14 (bg)	0.7414	66	124	No	27	11.11	n/a	n/a	0.01	NP
TDS (mg/L)	**GWA-15 (bg)**	**1.817**	**129**	**124**	**Yes**	**27**	**7.407**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWA-16 (bg)**	**2.37**	**141**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWC-17 (bg)	1.687	98	124	No	27	3.704	n/a	n/a	0.01	NP
TDS (mg/L)	GWC-18 (bg)	-2.108	-62	-124	No	27	0	n/a	n/a	0.01	NP

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 7
critical = 124

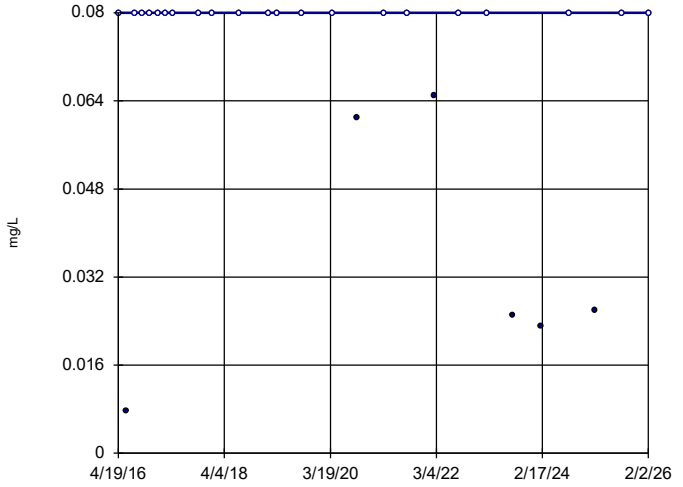
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -45
critical = -124

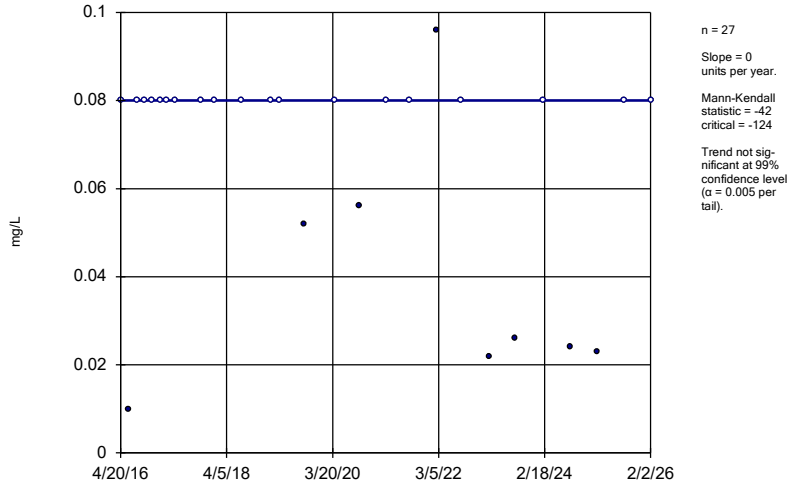
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4A (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -42
critical = -124

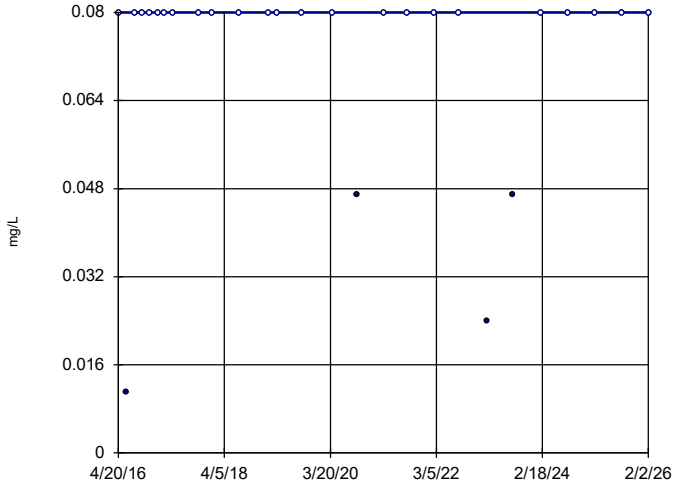
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-5 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -7
critical = -124

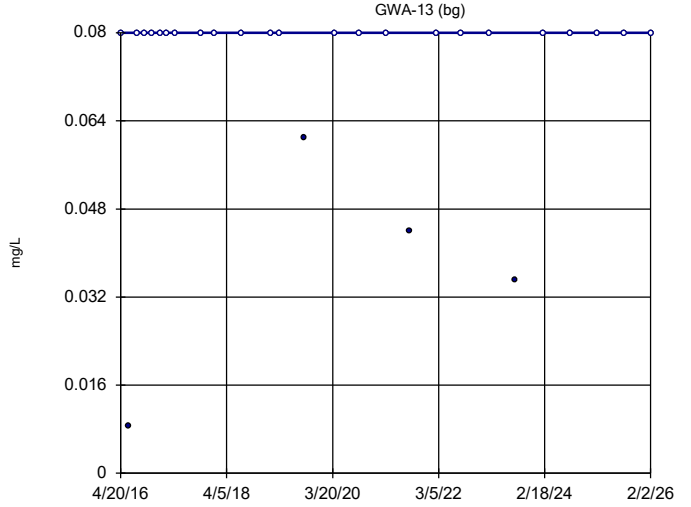
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-13 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 124

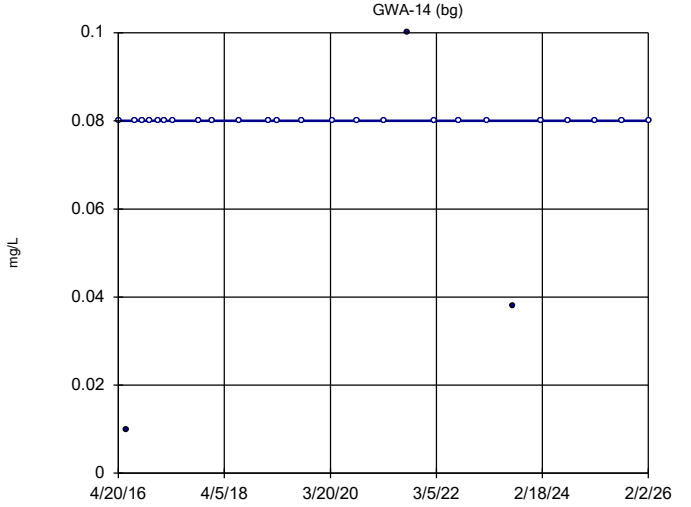
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-14 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 17
critical = 124

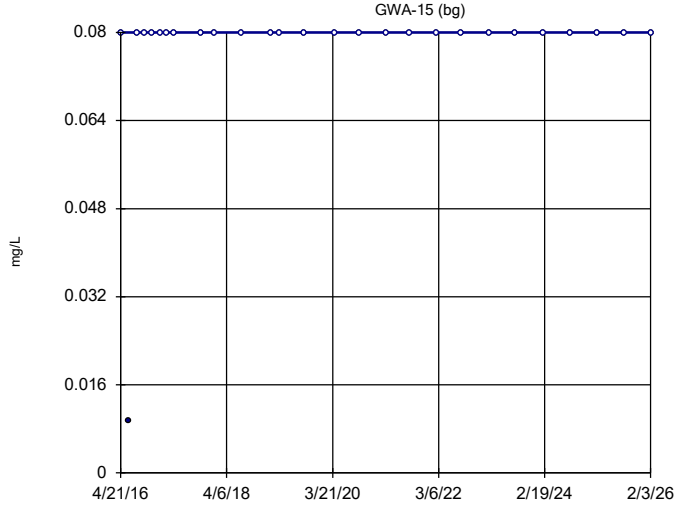
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 24
critical = 124

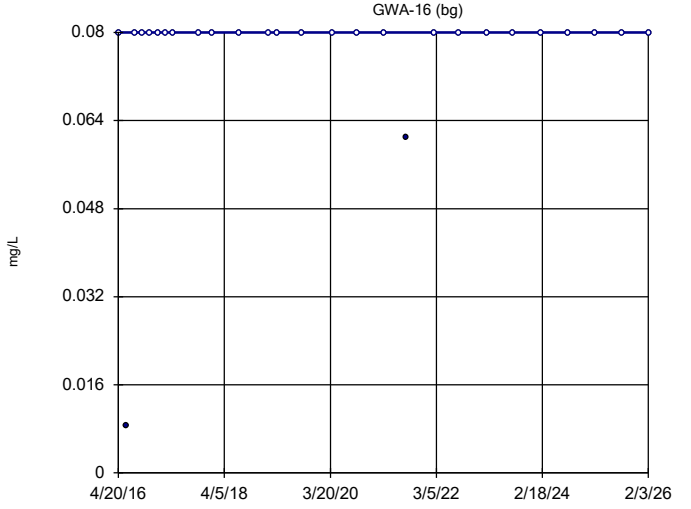
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 17
critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

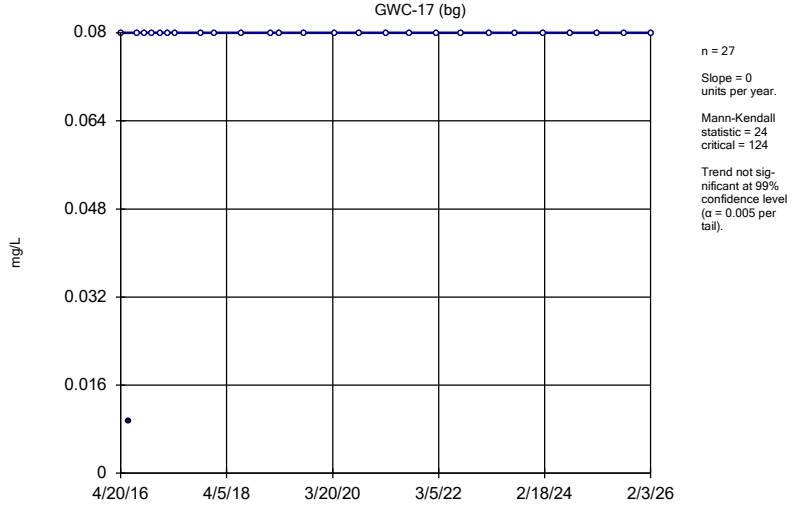
Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-17 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 24
critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

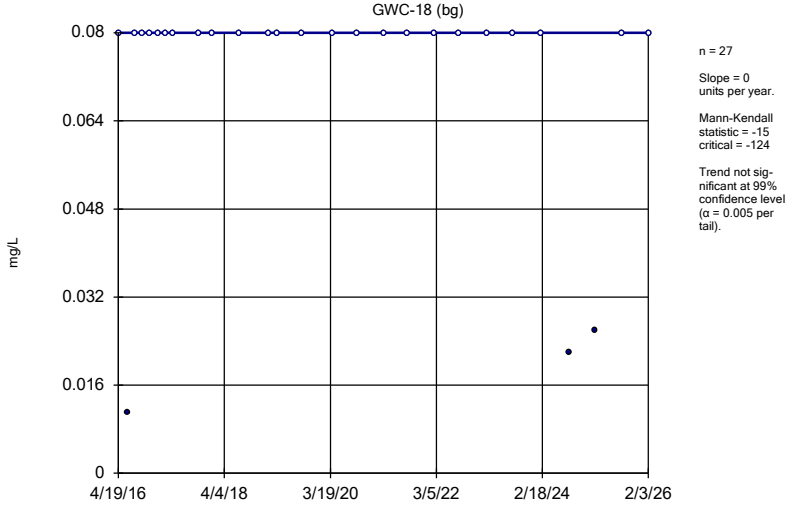
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-18 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -15
critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

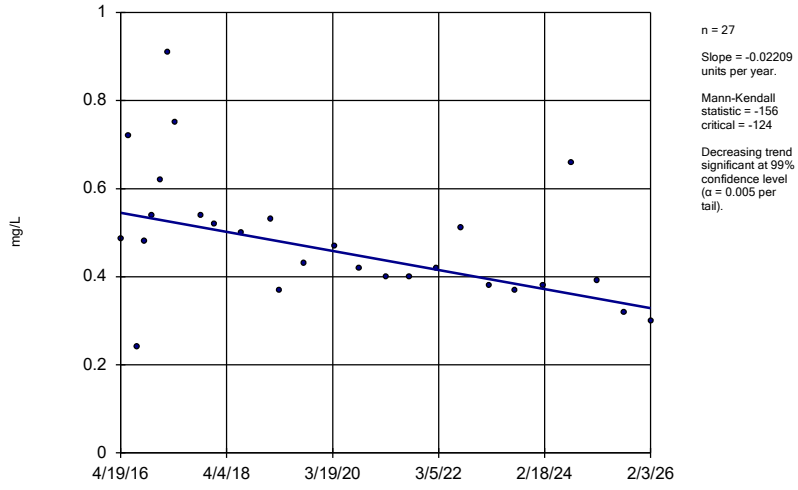
Constituent: Boron Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-2 (bg)



n = 27

Slope = -0.02209 units per year.

Mann-Kendall statistic = -156
critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

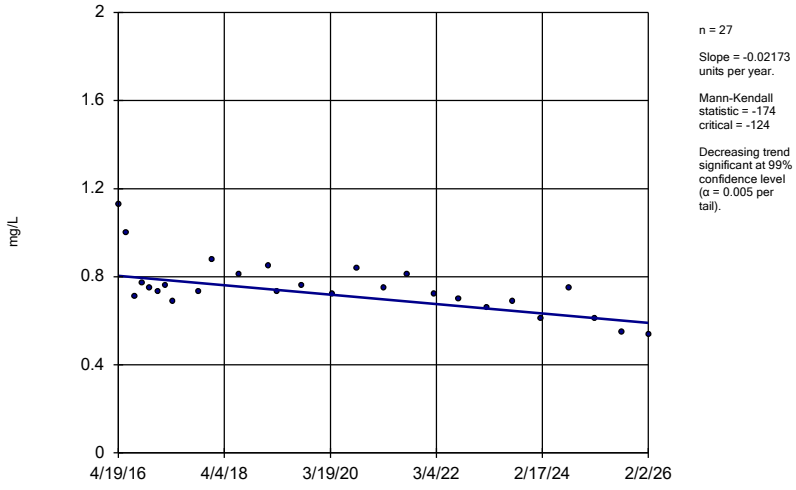
Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-3 (bg)



n = 27

Slope = -0.02173 units per year.

Mann-Kendall statistic = -174
critical = -124

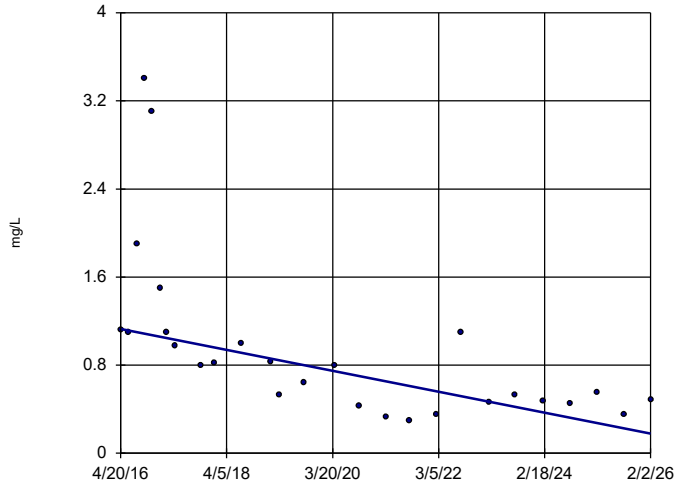
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sen's Slope Estimator

GWA-4A (bg)



n = 27

Slope = -0.09716 units per year.

Mann-Kendall statistic = -205 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

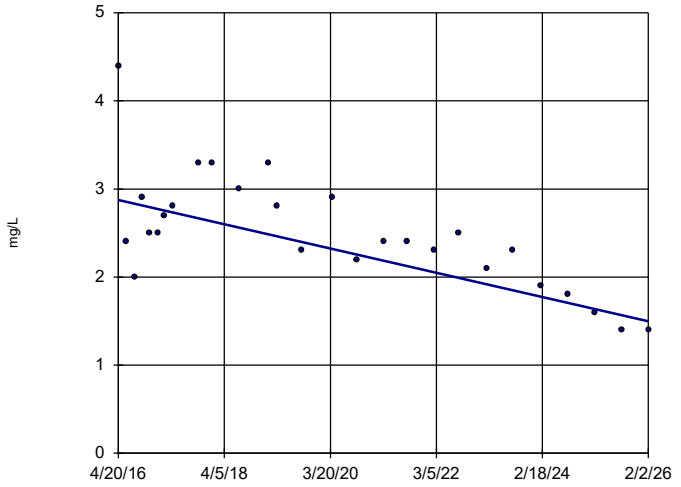
Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-5 (bg)



n = 27

Slope = -0.1406 units per year.

Mann-Kendall statistic = -180 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

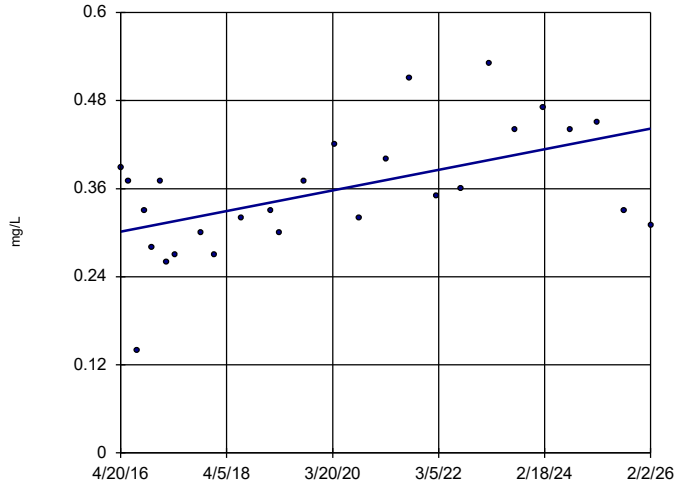
Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-13 (bg)



n = 27

Slope = 0.01435 units per year.

Mann-Kendall statistic = 125 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

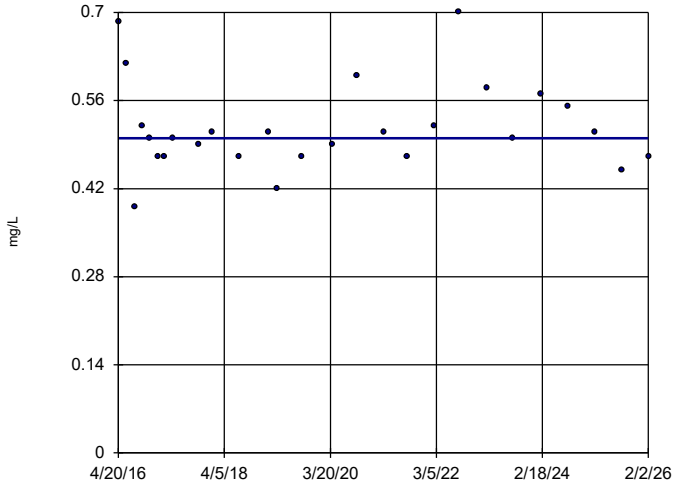
Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-14 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 9 critical = 124

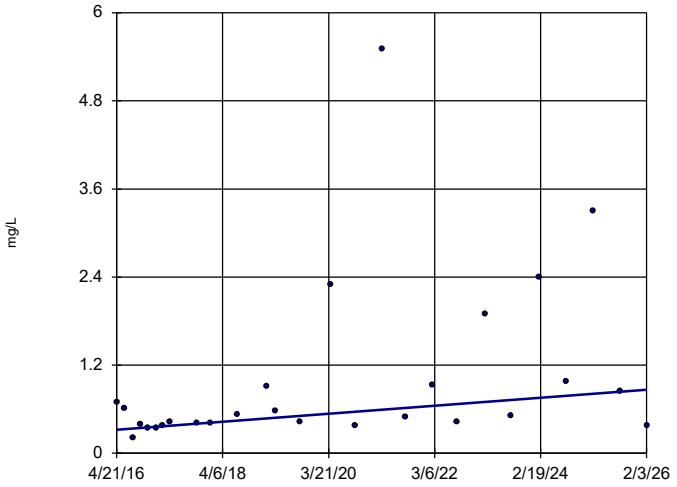
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sen's Slope Estimator

GWA-15 (bg)



n = 27

Slope = 0.0557 units per year.

Mann-Kendall statistic = 128 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

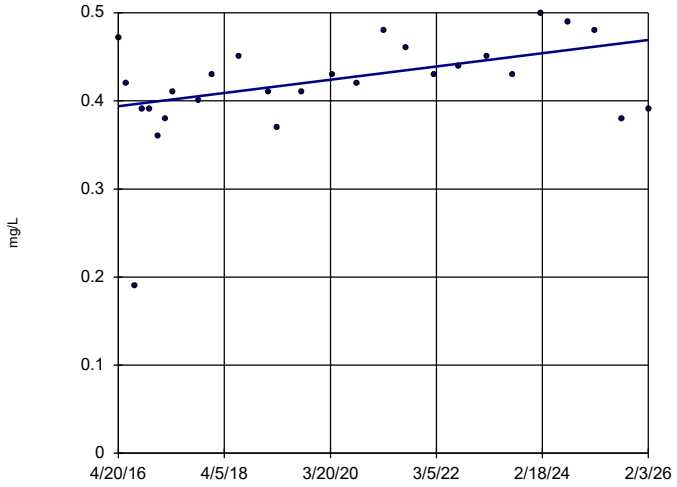
Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-16 (bg)



n = 27

Slope = 0.007684 units per year.

Mann-Kendall statistic = 119 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

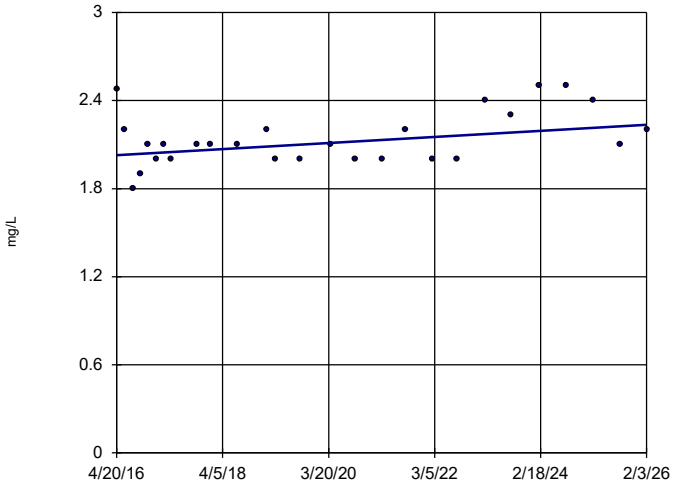
Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-17 (bg)



n = 27

Slope = 0.021 units per year.

Mann-Kendall statistic = 90 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

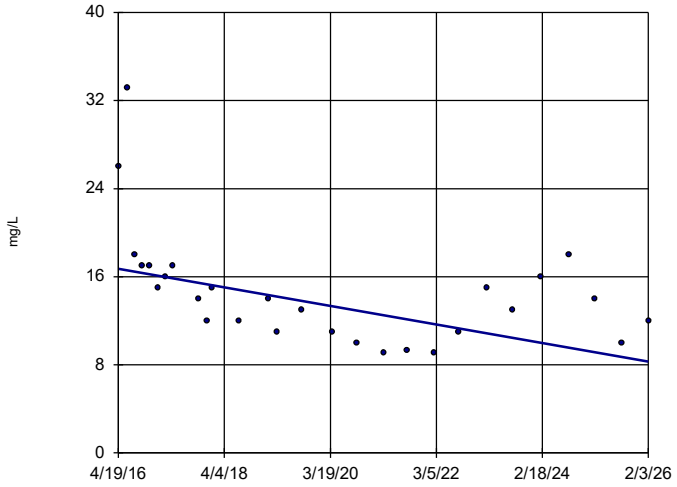
Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-18 (bg)



n = 28

Slope = -0.8619 units per year.

Mann-Kendall statistic = -166 critical = -131

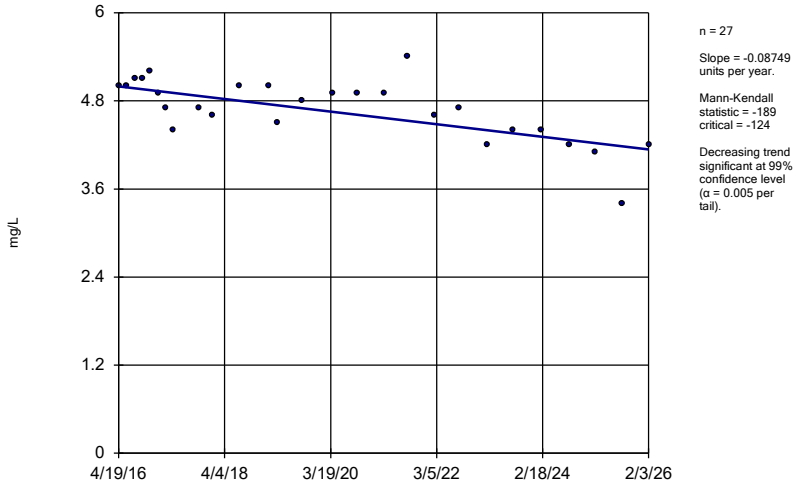
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sen's Slope Estimator

GWA-2 (bg)



n = 27

Slope = -0.08749 units per year.

Mann-Kendall statistic = -189 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

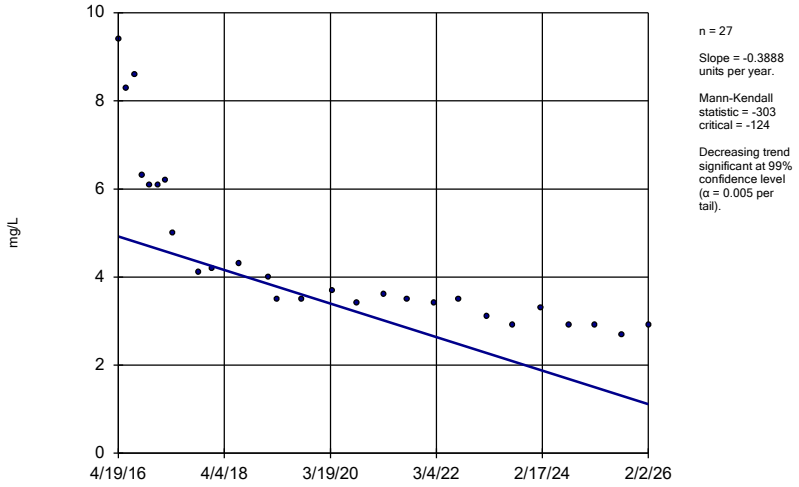
Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-3 (bg)



n = 27

Slope = -0.3888 units per year.

Mann-Kendall statistic = -303 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

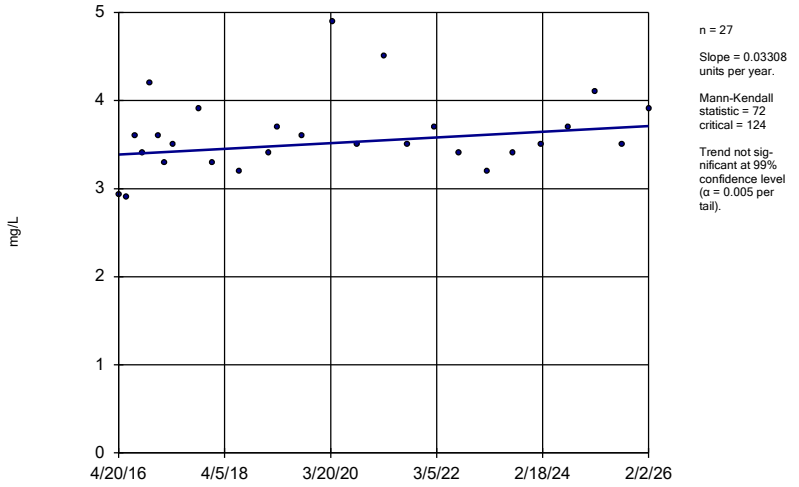
Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-4A (bg)



n = 27

Slope = 0.03308 units per year.

Mann-Kendall statistic = 72 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

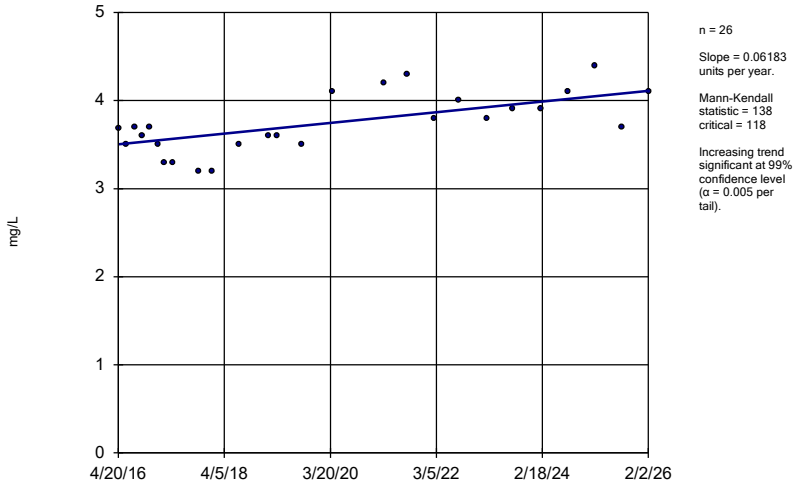
Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-5 (bg)



n = 26

Slope = 0.06183 units per year.

Mann-Kendall statistic = 138 critical = 118

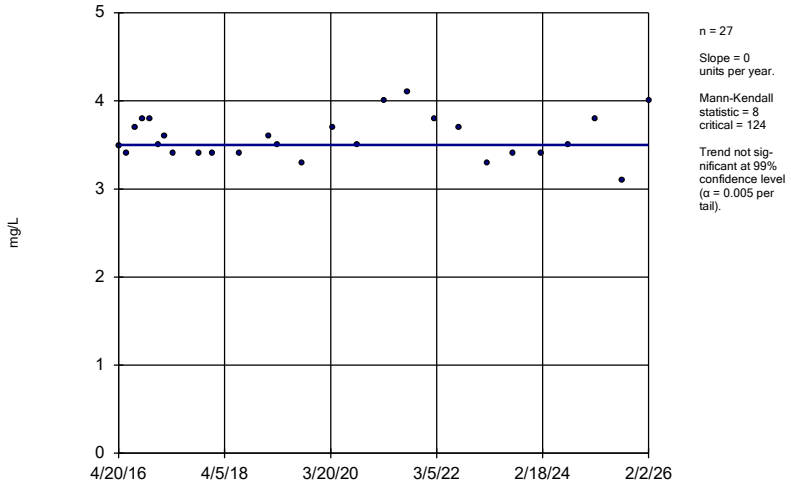
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sen's Slope Estimator

GWA-13 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 8 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

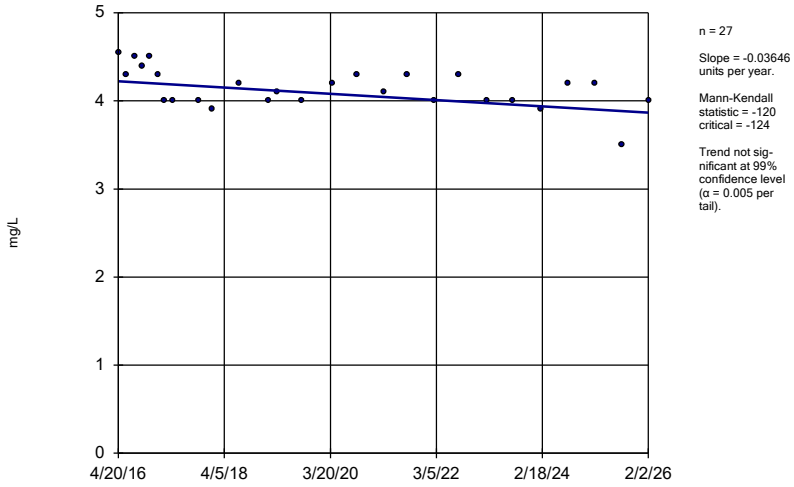
Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-14 (bg)



n = 27

Slope = -0.03646 units per year.

Mann-Kendall statistic = -120 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

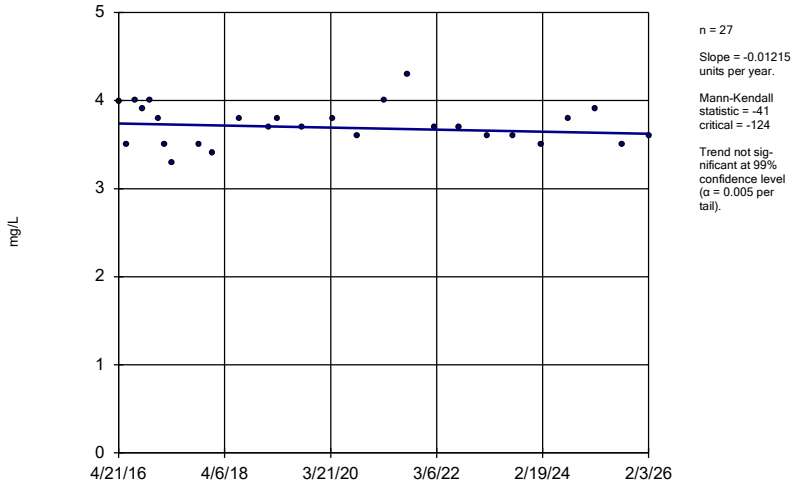
Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-15 (bg)



n = 27

Slope = -0.01215 units per year.

Mann-Kendall statistic = -41 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

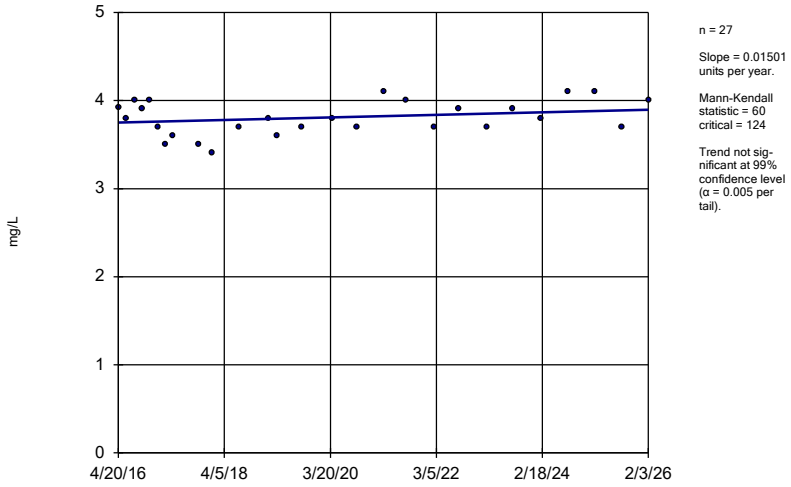
Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-16 (bg)



n = 27

Slope = 0.01501 units per year.

Mann-Kendall statistic = 60 critical = 124

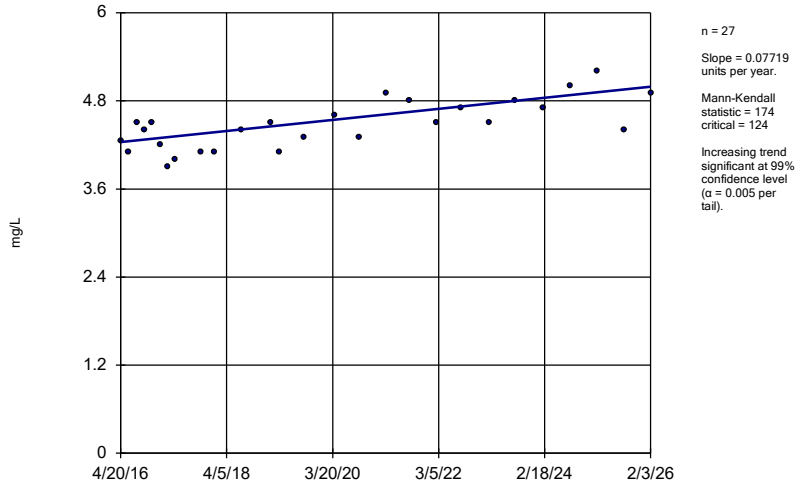
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sen's Slope Estimator

GWC-17 (bg)



n = 27

Slope = 0.07719 units per year.

Mann-Kendall statistic = 174 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

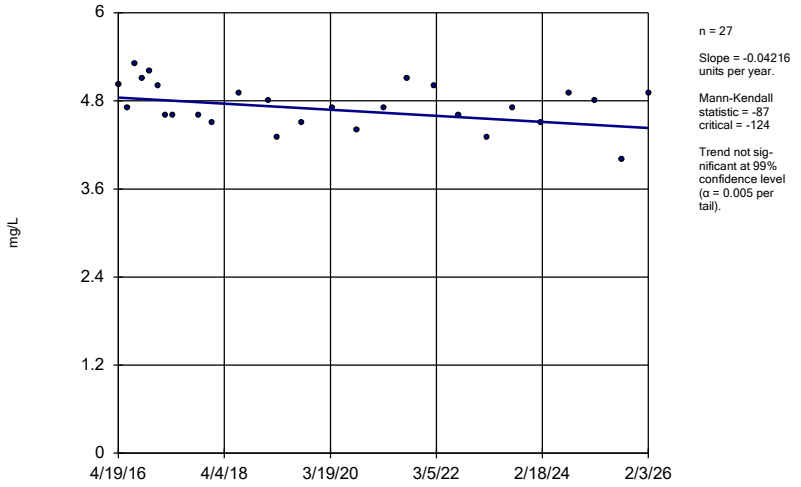
Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-18 (bg)



n = 27

Slope = -0.04216 units per year.

Mann-Kendall statistic = -87 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

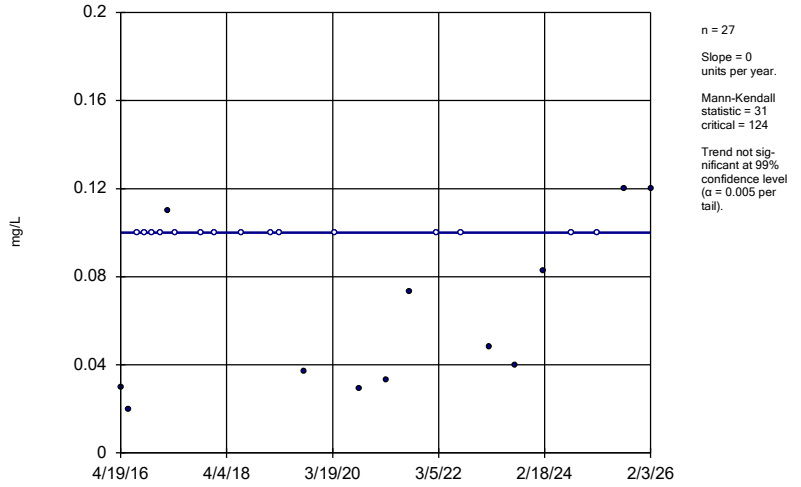
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 31 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

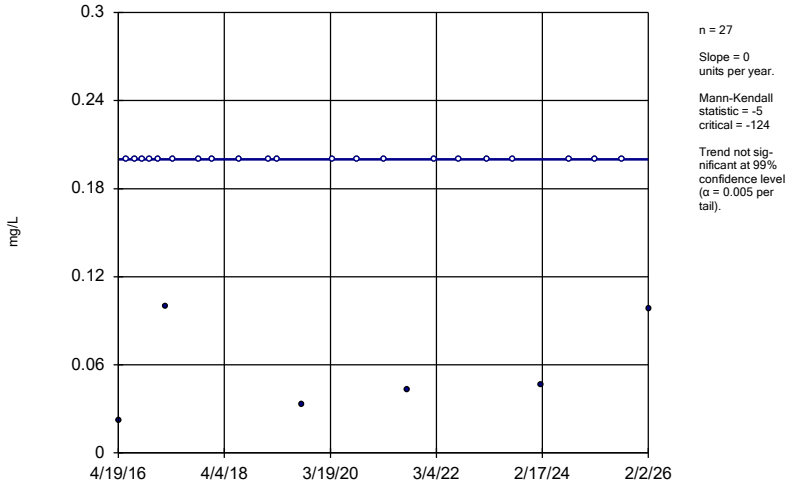
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -5 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

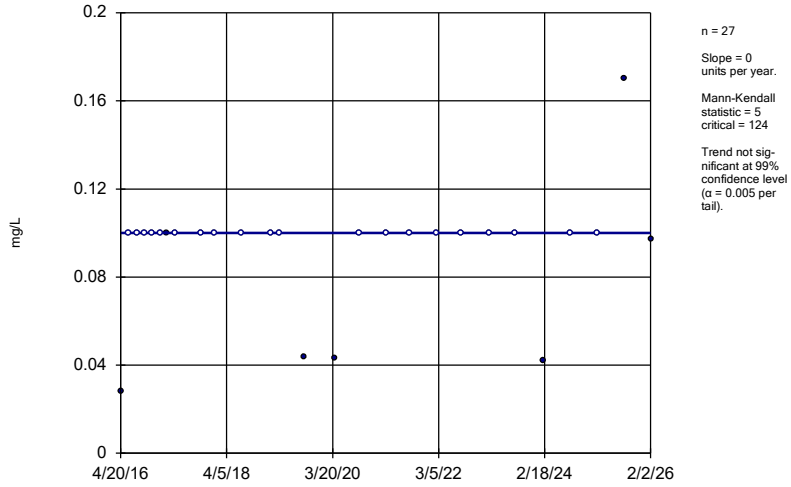
Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4A (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 5
critical = 124

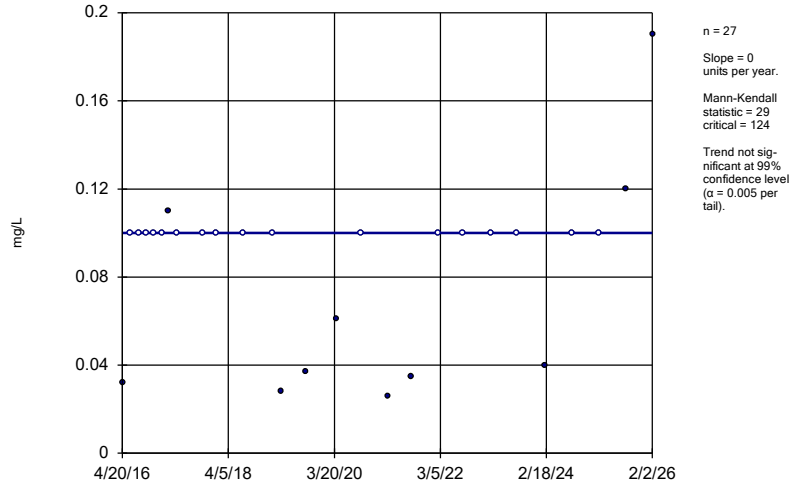
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-5 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 29
critical = 124

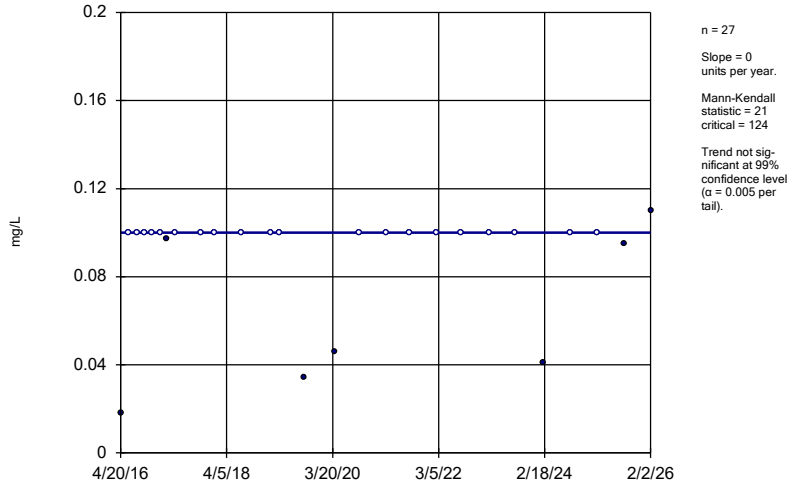
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-13 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 21
critical = 124

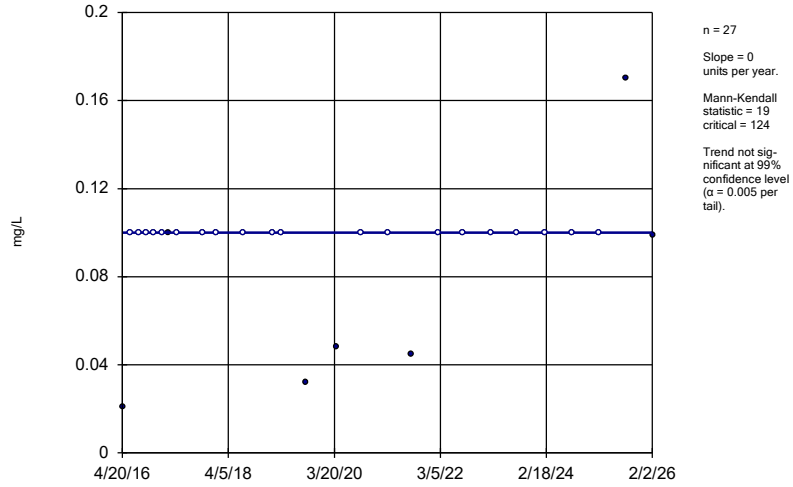
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-14 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 19
critical = 124

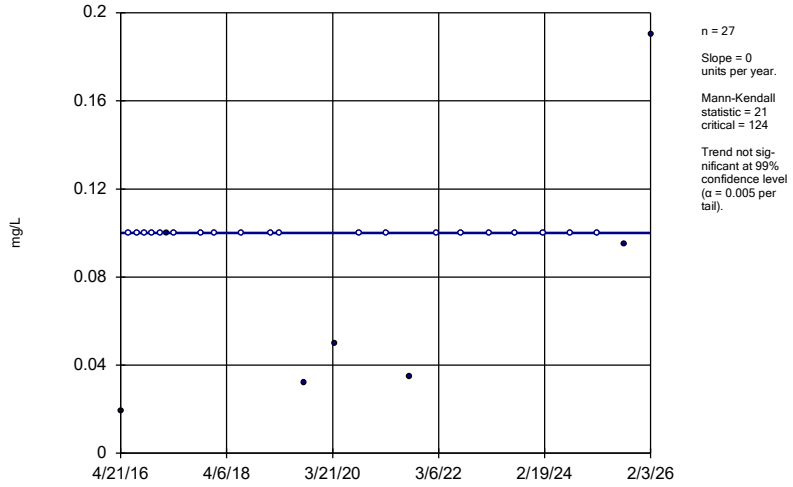
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 21
critical = 124

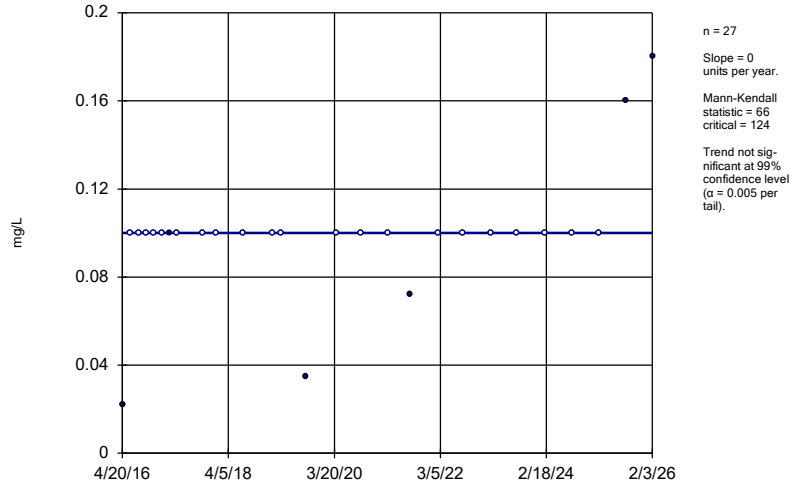
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 66
critical = 124

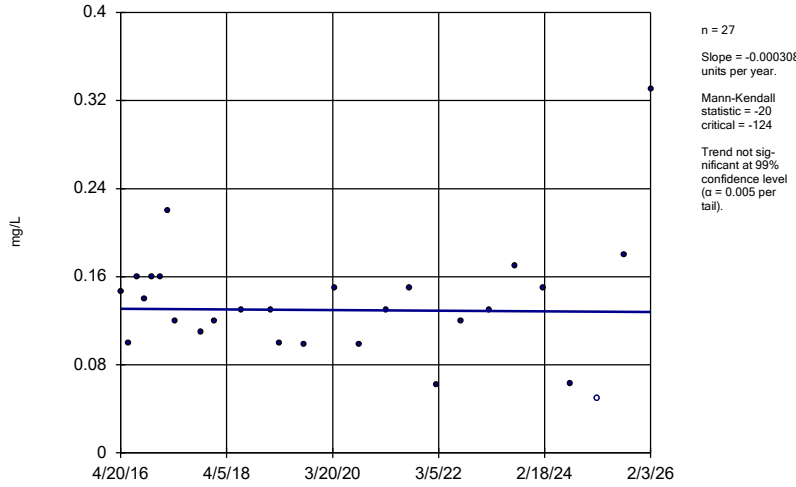
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-17 (bg)



n = 27

Slope = -0.0003085 units per year.

Mann-Kendall statistic = -20
critical = -124

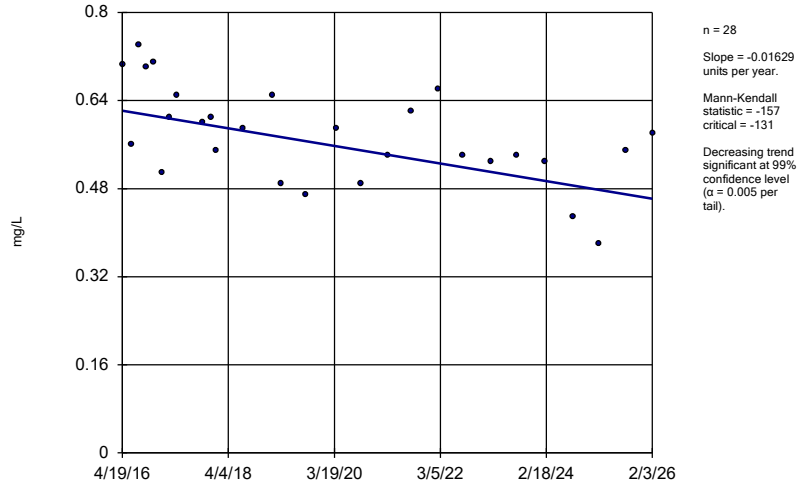
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-18 (bg)



n = 28

Slope = -0.01629 units per year.

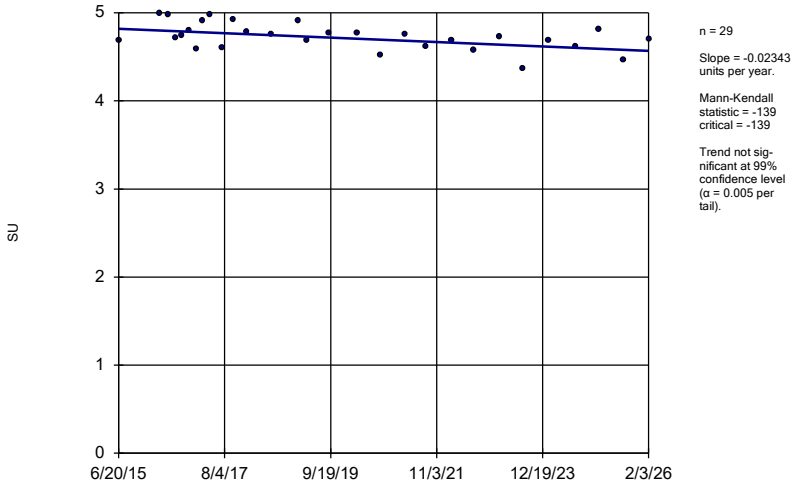
Mann-Kendall statistic = -157
critical = -131

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sen's Slope Estimator

GWA-2 (bg)



n = 29

Slope = -0.02343 units per year.

Mann-Kendall statistic = -139 critical = -139

Trend not significant at 99% confidence level (α = 0.005 per tail).

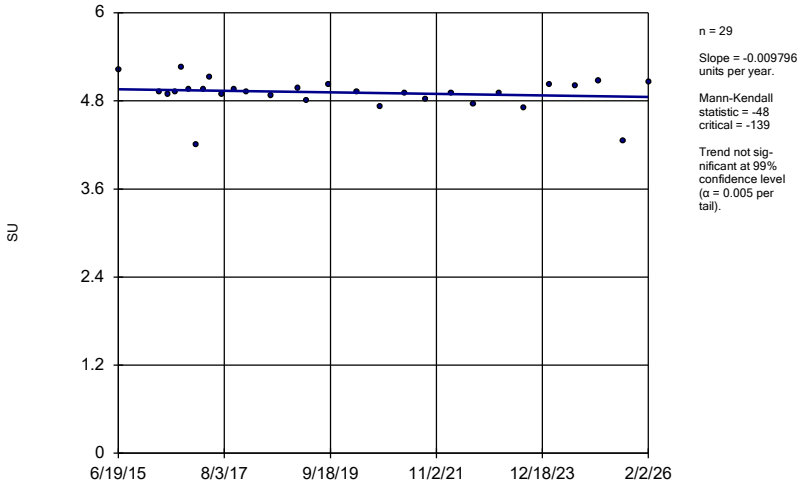
Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-3 (bg)



n = 29

Slope = -0.009796 units per year.

Mann-Kendall statistic = -48 critical = -139

Trend not significant at 99% confidence level (α = 0.005 per tail).

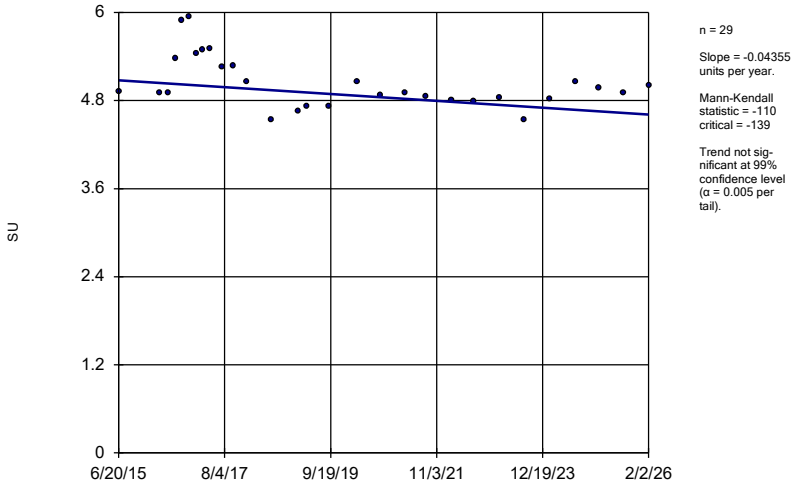
Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-4A (bg)



n = 29

Slope = -0.04355 units per year.

Mann-Kendall statistic = -110 critical = -139

Trend not significant at 99% confidence level (α = 0.005 per tail).

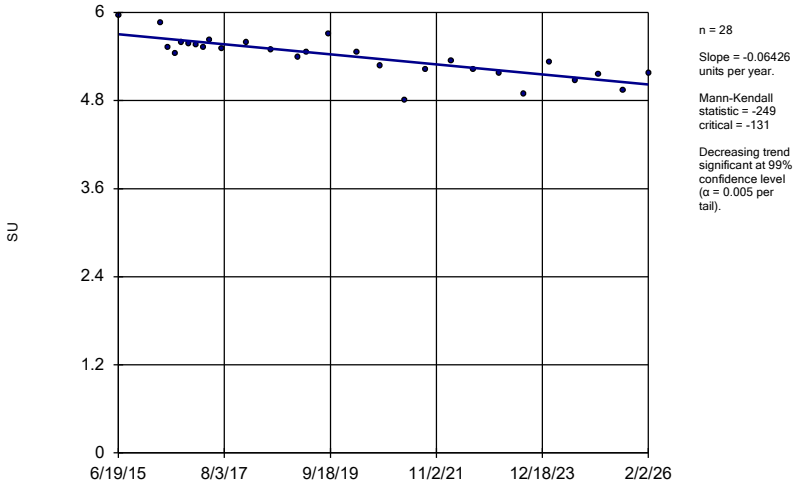
Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-5 (bg)



n = 28

Slope = -0.06426 units per year.

Mann-Kendall statistic = -249 critical = -131

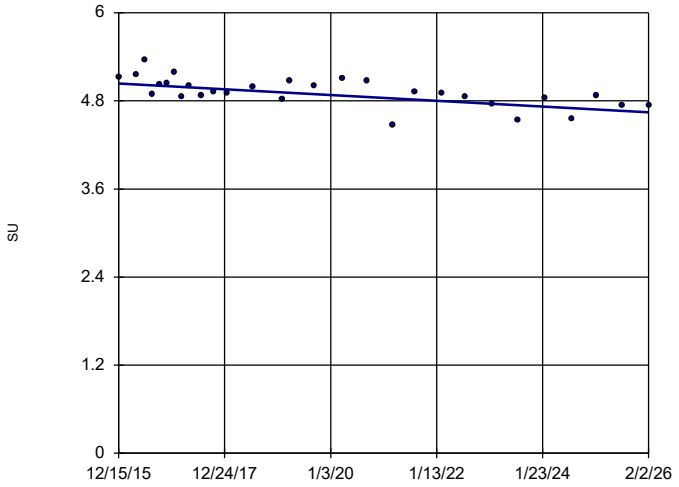
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sen's Slope Estimator

GWA-13 (bg)



n = 29

Slope = -0.03897 units per year.

Mann-Kendall statistic = -200 critical = -139

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

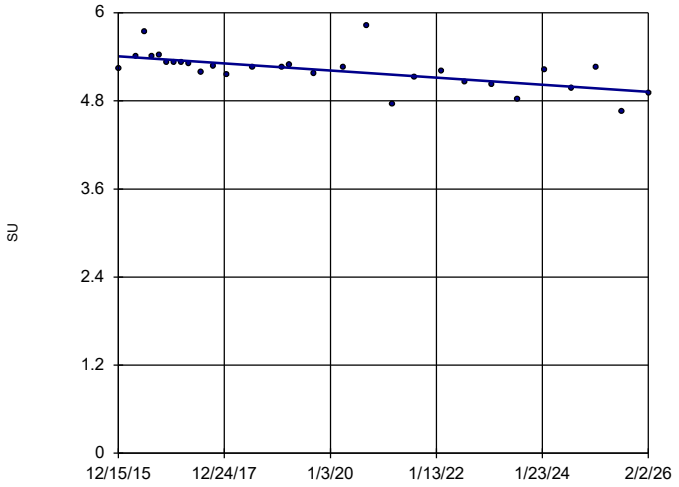
Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-14 (bg)



n = 29

Slope = -0.04737 units per year.

Mann-Kendall statistic = -230 critical = -139

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

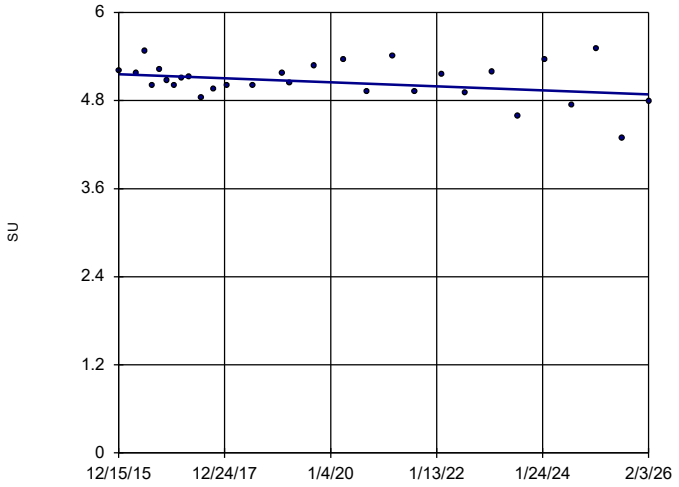
Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-15 (bg)



n = 29

Slope = -0.02717 units per year.

Mann-Kendall statistic = -74 critical = -139

Trend not significant at 99% confidence level (α = 0.005 per tail).

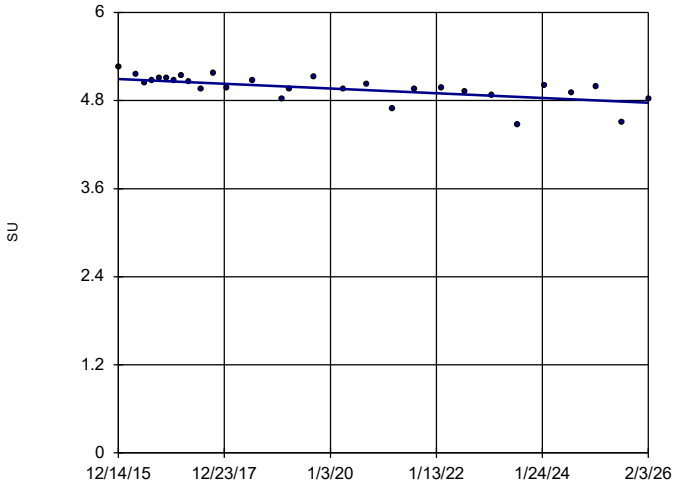
Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-16 (bg)



n = 29

Slope = -0.03163 units per year.

Mann-Kendall statistic = -220 critical = -139

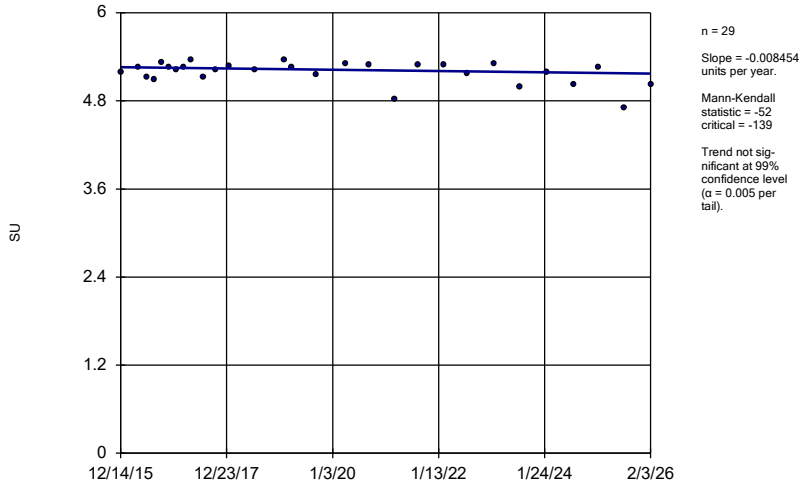
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sen's Slope Estimator

GWC-17 (bg)



n = 29

Slope = -0.008454 units per year.

Mann-Kendall statistic = -52
critical = -139

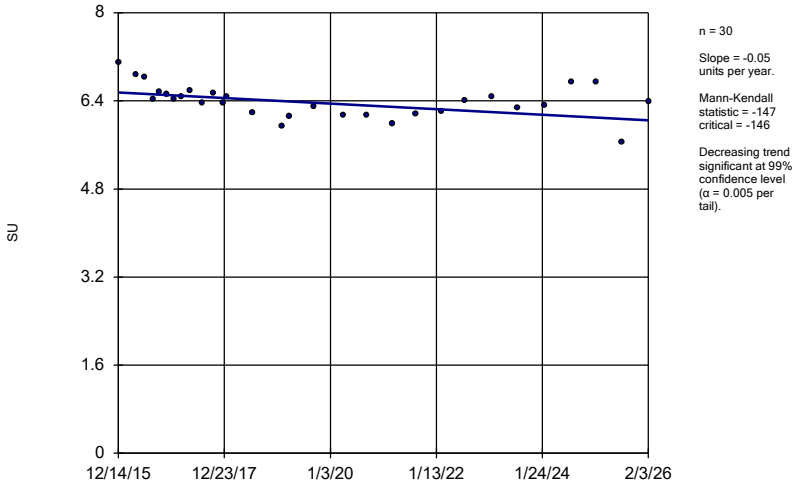
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-18 (bg)



n = 30

Slope = -0.05 units per year.

Mann-Kendall statistic = -147
critical = -146

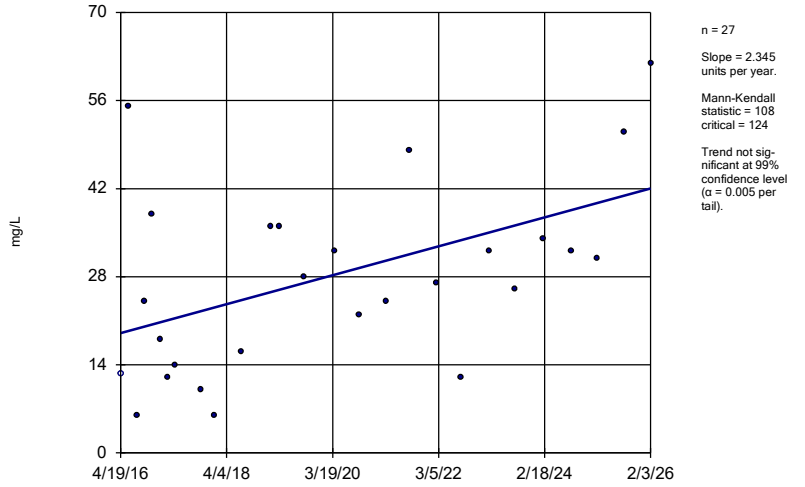
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 27

Slope = 2.345 units per year.

Mann-Kendall statistic = 108
critical = 124

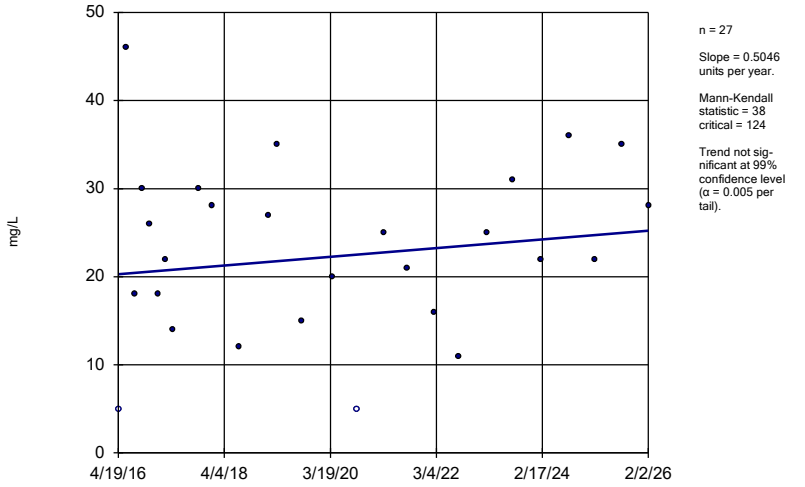
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)



n = 27

Slope = 0.5046 units per year.

Mann-Kendall statistic = 38
critical = 124

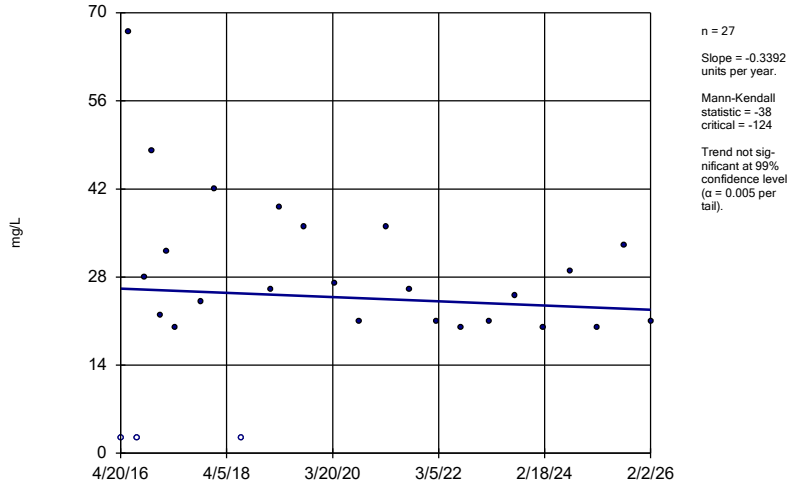
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4A (bg)



n = 27

Slope = -0.3392 units per year.

Mann-Kendall statistic = -38
critical = -124

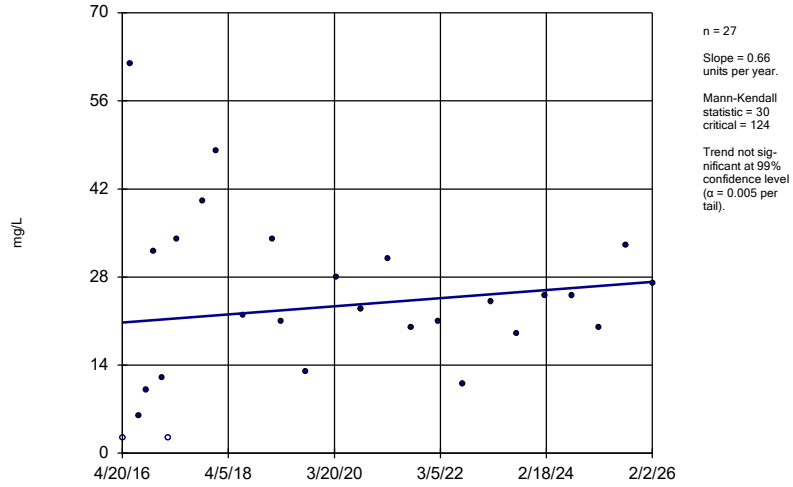
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-5 (bg)



n = 27

Slope = 0.66 units per year.

Mann-Kendall statistic = 30
critical = 124

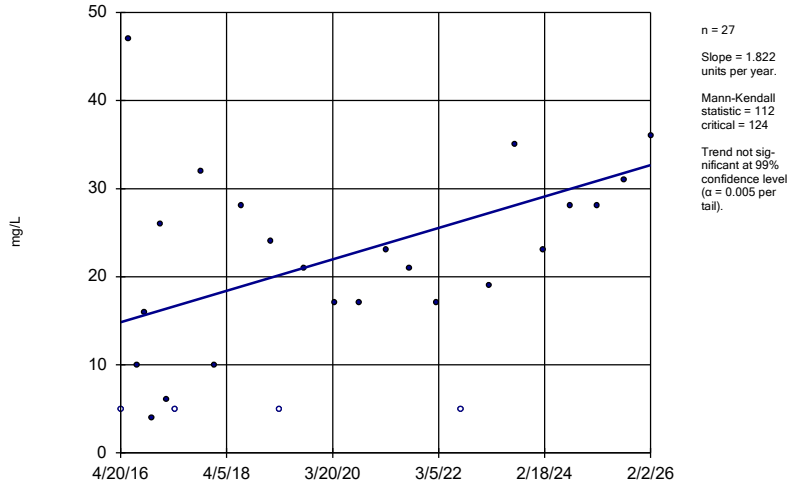
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-13 (bg)



n = 27

Slope = 1.822 units per year.

Mann-Kendall statistic = 112
critical = 124

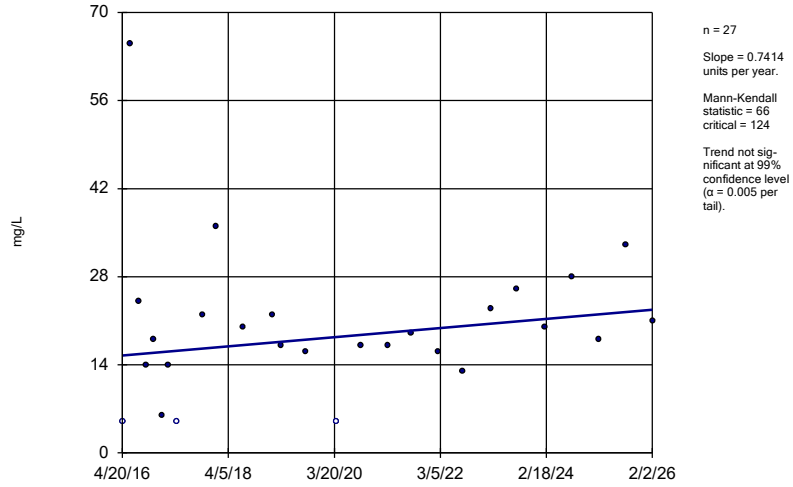
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-14 (bg)



n = 27

Slope = 0.7414 units per year.

Mann-Kendall statistic = 66
critical = 124

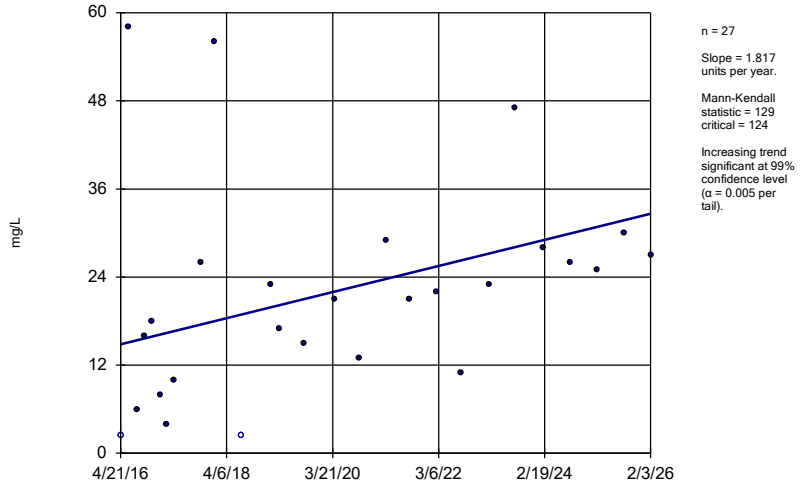
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 27

Slope = 1.817 units per year.

Mann-Kendall statistic = 129 critical = 124

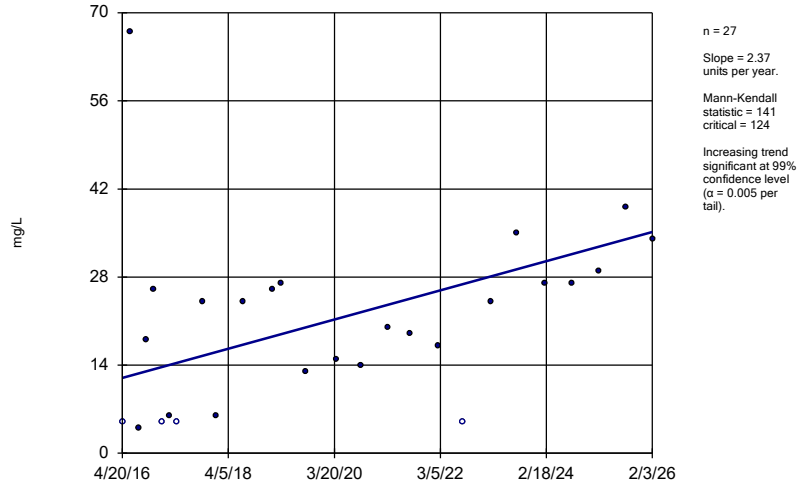
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 27

Slope = 2.37 units per year.

Mann-Kendall statistic = 141 critical = 124

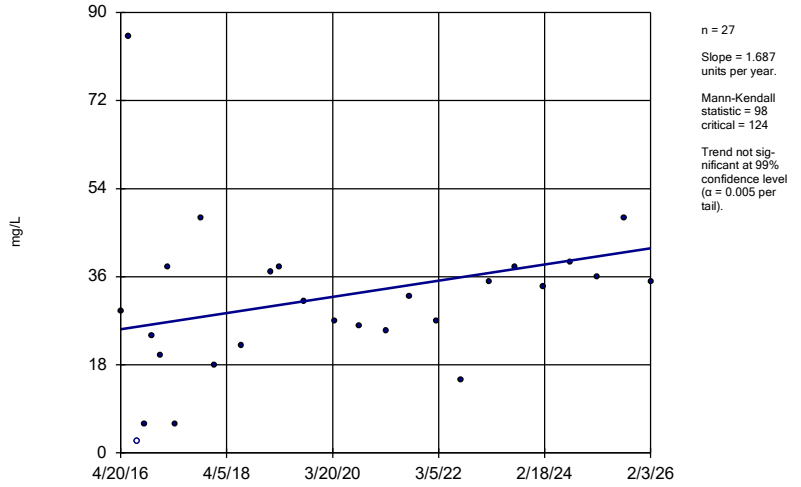
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-17 (bg)



n = 27

Slope = 1.687 units per year.

Mann-Kendall statistic = 98 critical = 124

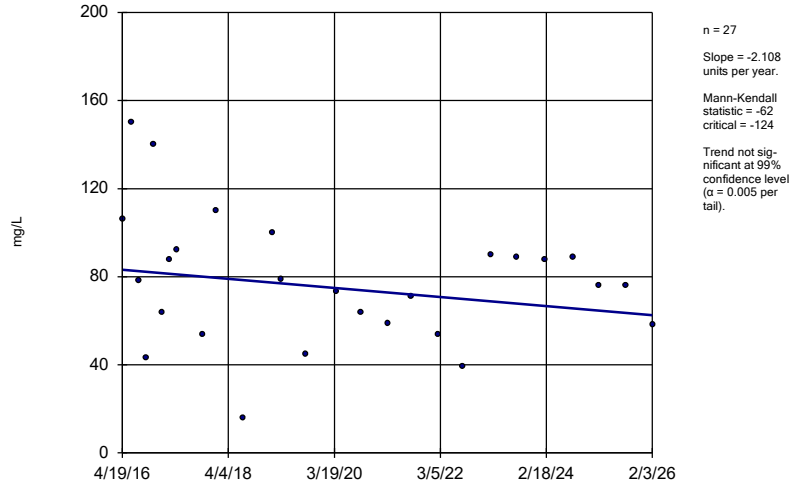
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-18 (bg)



n = 27

Slope = -2.108 units per year.

Mann-Kendall statistic = -62 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 3:27 PM View: Interwell Upgradient
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

FIGURE G.

Appendix I Intrawell Prediction Limits - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	**GWA-3**	**0.005**	**n/a**	**2/2/2026**	**0.0058**	**Yes**	**53**	**n/a**	**n/a**	**96.23**	**n/a**	**n/a**	**0.0006854**	**NP Intra (NDs) 1 of 2**
Cadmium (mg/L)	**GWA-3**	**0.0007**	**n/a**	**2/2/2026**	**0.0016**	**Yes**	**53**	**n/a**	**n/a**	**100**	**n/a**	**n/a**	**0.0006854**	**NP Intra (NDs) 1 of 2**
Chromium (mg/L)	**GWA-3**	**0.005**	**n/a**	**2/2/2026**	**0.0086**	**Yes**	**52**	**n/a**	**n/a**	**34.62**	**n/a**	**n/a**	**0.0007079**	**NP Intra (normality) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-2	0.005	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	98.11	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Antimony (mg/L)	**GWA-3**	**0.005**	**n/a**	**2/2/2026**	**0.0058**	**Yes**	**53**	**n/a**	**n/a**	**96.23**	**n/a**	**n/a**	**0.0006854**	**NP Intra (NDs) 1 of 2**
Antimony (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	98.08	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.0048J	No	52	n/a	n/a	94.23	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4A	0.005	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	76.92	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-5	0.005	n/a	2/2/2026	0.005ND	No	53	n/a	n/a	96.23	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-16	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-17	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	21.88	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	98.08	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	73.58	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.005	n/a	2/3/2026	0.0013J	No	53	n/a	n/a	52.83	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.005	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	92.45	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	2/4/2026	0.005ND	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	2/4/2026	0.005ND	No	26	n/a	n/a	61.54	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	92.45	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-2	0.04286	n/a	2/3/2026	0.035	No	29	0.0335	0.004018	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.02754	n/a	2/2/2026	0.017	No	49	-4.203	0.2771	0	None	ln(x)	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-4A	0.03825	n/a	2/2/2026	0.017	No	52	0.02256	0.00715	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-5	0.06025	n/a	2/2/2026	0.033	No	33	0.04043	0.008647	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-13	0.03	n/a	2/2/2026	0.021	No	32	n/a	n/a	0	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-14	0.01988	n/a	2/2/2026	0.015	No	31	0.01395	0.002569	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-15	0.02978	n/a	2/3/2026	0.024	No	31	0.0251	0.002026	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWA-16	0.03426	n/a	2/3/2026	0.027	No	31	-3.679	0.132	0	None	ln(x)	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-17	0.0221	n/a	2/3/2026	0.018	No	32	0.01809	0.001745	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.024	n/a	2/3/2026	0.013	No	24	n/a	n/a	0	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-1	0.05569	n/a	2/3/2026	0.032	No	33	0.03971	0.006972	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.04274	n/a	2/4/2026	0.021	No	55	0.2831	0.03043	0	None	x^(1/3)	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.026	n/a	2/3/2026	0.011	No	52	n/a	n/a	0	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-12	0.016	n/a	2/3/2026	0.01	No	53	n/a	n/a	0	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-19	0.02087	n/a	2/3/2026	0.0089J	No	26	0.01297	0.003338	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.02702	n/a	2/3/2026	0.016	No	25	0.01892	0.003402	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.02738	n/a	2/4/2026	0.024	No	31	0.01905	0.003606	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.03335	n/a	2/4/2026	0.019	No	14	0.02157	0.004292	0	None	No	0.0003901	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.03594	n/a	2/4/2026	0.019	No	53	0.02484	0.005064	0	None	No	0.0003901	Param Intra 1 of 2
Beryllium (mg/L)	GWA-2	0.001	n/a	2/3/2026	0.001ND	No	53	n/a	n/a	88.68	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-3	0.0018	n/a	2/2/2026	0.001ND	No	53	n/a	n/a	96.23	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-4A	0.001	n/a	2/2/2026	0.001ND	No	52	n/a	n/a	92.31	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-5	0.0011	n/a	2/2/2026	0.001ND	No	53	n/a	n/a	94.34	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-13	0.001	n/a	2/2/2026	0.001ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-14	0.001	n/a	2/2/2026	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-15	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-16	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-17	0.0008521	n/a	2/3/2026	0.0007J	No	31	0.0246	0.001988	6.452	None	sqrt(x)	0.0003901	Param Intra 1 of 2
Beryllium (mg/L)	GWC-18	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-1	0.001	n/a	2/3/2026	0.00018J	No	52	n/a	n/a	76.92	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-10	0.001	n/a	2/4/2026	0.001ND	No	55	n/a	n/a	94.55	n/a	n/a	0.0006405	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-11	0.001	n/a	2/3/2026	0.001ND	No	53	n/a	n/a	96.23	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-12	0.001	n/a	2/3/2026	0.00018J	No	53	n/a	n/a	79.25	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.001	n/a	2/3/2026	0.00022J	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-20	0.001	n/a	2/3/2026	0.00022J	No	31	n/a	n/a	58.06	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-21	0.001	n/a	2/4/2026	0.00017J	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-23	0.001	n/a	2/4/2026	0.001ND	No	26	n/a	n/a	84.62	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-9	0.001	n/a	2/4/2026	0.001ND	No	53	n/a	n/a	88.68	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	**GWA-3**	**0.0007**	**n/a**	**2/2/2026**	**0.0016**	**Yes**	**53**	**n/a**	**n/a**	**100**	**n/a**	**n/a**	**0.0006854**	**NP Intra (NDs) 1 of 2**
Cadmium (mg/L)	GWA-4A	0.0007	n/a	2/2/2026	0.0007ND	No	52	n/a	n/a	92.31	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-13	0.0007	n/a	2/2/2026	0.0007ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWA-14	0.0007	n/a	2/2/2026	0.0007ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-16	0.0007	n/a	2/3/2026	0.0007ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-17	0.0007792	n/a	2/3/2026	0.00042J	No	32	0.000577	0.00008792	3.125	None	No	0.0003901	Param Intra 1 of 2
Cadmium (mg/L)	GWC-18	0.0007	n/a	2/3/2026	0.0007ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-1	0.0007	n/a	2/3/2026	0.0007ND	No	52	n/a	n/a	98.08	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-19	0.0007	n/a	2/3/2026	0.0007ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.00078	n/a	2/3/2026	0.0007ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0007	n/a	2/4/2026	0.0007ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0007	n/a	2/4/2026	0.0007ND	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0007	n/a	2/4/2026	0.0007ND	No	53	n/a	n/a	92.45	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	17.31	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Chromium (mg/L)	**GWA-3**	**0.005**	**n/a**	**2/2/2026**	**0.0086**	**Yes**	**52**	**n/a**	**n/a**	**34.62**	**n/a**	**n/a**	**0.0007079**	**NP Intra (normality) 1 of 2**
Chromium (mg/L)	GWA-4A	0.0096	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	73.08	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-5	0.0054	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	65.38	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-13	0.0094	n/a	2/2/2026	0.005ND	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-15	0.0051	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-16	0.024	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	32.26	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-17	0.005572	n/a	2/3/2026	0.005ND	No	32	0.002986	0.001124	25	Kaplan-Meier	No	0.0003901	Param Intra 1 of 2
Chromium (mg/L)	GWC-18	0.0065	n/a	2/3/2026	0.0025ND	No	33	n/a	n/a	9.091	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	34.62	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-10	0.008323	n/a	2/4/2026	0.005ND	No	54	0.003954	0.001996	20.37	Kaplan-Meier	No	0.0003901	Param Intra 1 of 2
Chromium (mg/L)	GWC-11	0.01043	n/a	2/3/2026	0.0055	No	53	0.07393	0.01287	1.887	None	sqrt(x)	0.0003901	Param Intra 1 of 2
Chromium (mg/L)	GWC-12	0.0082	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	16.98	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-19	0.0056	n/a	2/3/2026	0.0025ND	No	31	n/a	n/a	12.9	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-20	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	2/4/2026	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.005	n/a	2/4/2026	0.005ND	No	27	n/a	n/a	40.74	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	2/4/2026	0.005ND	No	52	n/a	n/a	61.54	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	2/3/2026	0.0014J	No	53	n/a	n/a	41.51	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	69.23	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4A	0.013	n/a	2/2/2026	0.0013J	No	52	n/a	n/a	42.31	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-5	0.011	n/a	2/2/2026	0.00081J	No	53	n/a	n/a	39.62	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.00054J	No	33	n/a	n/a	21.21	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	32	n/a	n/a	34.38	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.00047J	No	31	n/a	n/a	16.13	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-16	0.0025	n/a	2/3/2026	0.00045J	No	31	n/a	n/a	12.9	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-17	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	40.63	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.0015J	No	52	n/a	n/a	36.54	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	55	n/a	n/a	94.55	n/a	n/a	0.0006405	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.0071	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	84.91	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.005	n/a	2/3/2026	0.00057J	No	52	n/a	n/a	40.38	n/a	n/a	0.0007079	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-19	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.001767	n/a	2/3/2026	0.00081J	No	18	0.03098	0.004336	0	None	sqrt(x)	0.0003901	Param Intra 1 of 2
Cobalt (mg/L)	GWC-21	0.002368	n/a	2/4/2026	0.00081J	No	30	0.00125	0.0004825	3.333	None	No	0.0003901	Param Intra 1 of 2
Cobalt (mg/L)	GWC-23	0.01057	n/a	2/4/2026	0.0007J	No	26	0.004304	0.002646	0	None	No	0.0003901	Param Intra 1 of 2
Cobalt (mg/L)	GWC-9	0.0055	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	49.06	n/a	n/a	0.0006854	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-2	0.003	n/a	2/3/2026	0.002ND	No	47	n/a	n/a	95.74	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.0034	n/a	2/2/2026	0.001J	No	46	n/a	n/a	86.96	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4A	0.0051	n/a	2/2/2026	0.00066J	No	46	n/a	n/a	82.61	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-5	0.0021	n/a	2/2/2026	0.002ND	No	47	n/a	n/a	95.74	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-13	0.002	n/a	2/2/2026	0.002ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-14	0.002	n/a	2/2/2026	0.002ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-15	0.002	n/a	2/3/2026	0.002ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/3/2026	0.002ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-17	0.0021	n/a	2/3/2026	0.002ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0021	n/a	2/3/2026	0.002ND	No	26	n/a	n/a	69.23	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/3/2026	0.002ND	No	46	n/a	n/a	97.83	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0027	n/a	2/3/2026	0.002ND	No	47	n/a	n/a	91.49	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.002	n/a	2/3/2026	0.002ND	No	47	n/a	n/a	95.74	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.002	n/a	2/3/2026	0.002ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.002	n/a	2/3/2026	0.002ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.002	n/a	2/4/2026	0.0007J	No	24	n/a	n/a	83.33	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.002	n/a	2/4/2026	0.002ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWC-9	0.0021	n/a	2/4/2026	0.002ND	No	47	n/a	n/a	93.62	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.0054	n/a	2/3/2026	0.001ND	No	53	n/a	n/a	83.02	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.015	n/a	2/2/2026	0.001ND	No	53	n/a	n/a	94.34	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4A	0.0037	n/a	2/2/2026	0.001ND	No	52	n/a	n/a	90.38	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-5	0.001	n/a	2/2/2026	0.001ND	No	53	n/a	n/a	92.45	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-13	0.001	n/a	2/2/2026	0.001ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-14	0.001	n/a	2/2/2026	0.001ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-15	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-16	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-17	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.001	n/a	2/3/2026	0.001ND	No	53	n/a	n/a	90.57	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/4/2026	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/4/2026	0.001ND	No	26	n/a	n/a	88.46	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.0043	n/a	2/3/2026	0.0013J	No	47	n/a	n/a	61.7	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.005ND	No	45	n/a	n/a	86.67	n/a	n/a	0.0009557	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4A	0.0072	n/a	2/2/2026	0.00058J	No	46	n/a	n/a	58.7	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-5	0.0031	n/a	2/2/2026	0.00057J	No	47	n/a	n/a	76.6	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.00045J	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.00065J	No	25	n/a	n/a	56	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.00046J	No	25	n/a	n/a	72	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/3/2026	0.00061J	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-17	0.0036	n/a	2/3/2026	0.002J	No	26	n/a	n/a	7.692	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-18	0.0019	n/a	2/3/2026	0.00071J	No	26	n/a	n/a	30.77	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-1	0.0025	n/a	2/3/2026	0.0013J	No	46	n/a	n/a	60.87	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	47	n/a	n/a	91.49	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.005	n/a	2/3/2026	0.00063J	No	47	n/a	n/a	74.47	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0064	n/a	2/3/2026	0.0013J	No	47	n/a	n/a	61.7	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.003832	n/a	2/3/2026	0.0011J	No	25	-6.491	0.3892	4	None	ln(x)	0.0003901	Param Intra 1 of 2
Nickel (mg/L)	GWC-20	0.002206	n/a	2/3/2026	0.001J	No	15	0.0315	0.005773	13.33	None	sqrt(x)	0.0003901	Param Intra 1 of 2
Nickel (mg/L)	GWC-21	0.0012	n/a	2/4/2026	0.00074J	No	25	n/a	n/a	44	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-23	0.002737	n/a	2/4/2026	0.001J	No	20	0.001505	0.0004965	5	None	No	0.0003901	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.0033	n/a	2/4/2026	0.00069J	No	47	n/a	n/a	68.09	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2	0.005	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	94.34	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.005ND	No	53	n/a	n/a	90.57	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4A	0.005	n/a	2/2/2026	0.005ND	No	52	n/a	n/a	94.23	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-16	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	2/3/2026	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	52	n/a	n/a	96.15	n/a	n/a	0.0007079	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	96.23	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	2/3/2026	0.005ND	No	53	n/a	n/a	88.68	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-19	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-20	0.005	n/a	2/3/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	2/4/2026	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0058	n/a	2/4/2026	0.005ND	No	53	n/a	n/a	98.11	n/a	n/a	0.0006854	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-3	0.001	n/a	2/2/2026	0.00054J	No	47	n/a	n/a	100	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	2/3/2026	0.001ND	No	26	n/a	n/a	96.15	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/3/2026	0.001ND	No	46	n/a	n/a	97.83	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	2/4/2026	0.001ND	No	47	n/a	n/a	97.87	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/3/2026	0.001ND	No	47	n/a	n/a	95.74	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.001	n/a	2/4/2026	0.001ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-23	0.001	n/a	2/4/2026	0.001ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	2/4/2026	0.001ND	No	47	n/a	n/a	97.87	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-2	0.001	n/a	2/3/2026	0.001ND	No	50	n/a	n/a	94	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-3	0.001	n/a	2/2/2026	0.00035J	No	50	n/a	n/a	96	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-4A	0.001	n/a	2/2/2026	0.001ND	No	49	n/a	n/a	95.92	n/a	n/a	0.0007934	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-13	0.001	n/a	2/2/2026	0.001ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-14	0.001	n/a	2/2/2026	0.001ND	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-16	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-17	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-18	0.001	n/a	2/3/2026	0.001ND	No	32	n/a	n/a	46.88	n/a	n/a	0.001803	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:58 AM

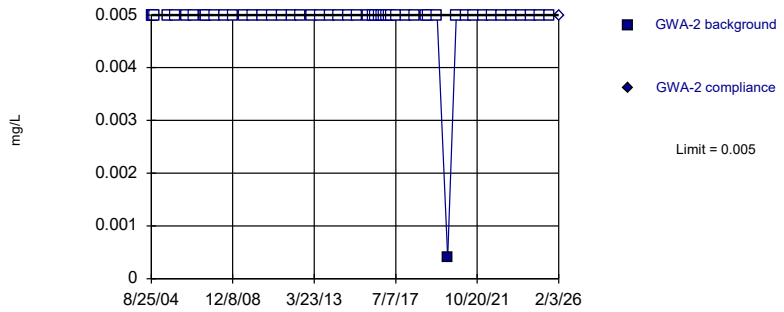
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium (mg/L)	GWC-10	0.001	n/a	2/4/2026	0.001ND	No	50	n/a	n/a	94	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-11	0.001	n/a	2/3/2026	0.001ND	No	50	n/a	n/a	94	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-12	0.001	n/a	2/3/2026	0.001ND	No	50	n/a	n/a	96	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-20	0.001	n/a	2/3/2026	0.001ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-21	0.001	n/a	2/4/2026	0.001ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-23	0.001	n/a	2/4/2026	0.001ND	No	26	n/a	n/a	73.08	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/4/2026	0.001ND	No	50	n/a	n/a	98	n/a	n/a	0.0007528	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.0051	n/a	2/3/2026	0.005ND	No	47	n/a	n/a	87.23	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3	0.005	n/a	2/2/2026	0.005ND	No	46	n/a	n/a	82.61	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4A	0.005	n/a	2/2/2026	0.005ND	No	46	n/a	n/a	86.96	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-5	0.005	n/a	2/2/2026	0.005ND	No	47	n/a	n/a	89.36	n/a	n/a	0.0008745	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-13	0.005	n/a	2/2/2026	0.005ND	No	27	n/a	n/a	81.48	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-14	0.005	n/a	2/2/2026	0.005ND	No	26	n/a	n/a	92.31	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.005	n/a	2/3/2026	0.005ND	No	25	n/a	n/a	84	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.005	n/a	2/3/2026	0.0014J	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-17	0.005	n/a	2/3/2026	0.0012J	No	26	n/a	n/a	80.77	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.006366	n/a	2/3/2026	0.0037J	No	26	0.145	0.01706	3.846	None	x^(1/3)	0.0003901	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.005	n/a	2/3/2026	0.005ND	No	46	n/a	n/a	82.61	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-10	0.005	n/a	2/4/2026	0.005ND	No	46	n/a	n/a	65.22	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.005	n/a	2/3/2026	0.0019J	No	45	n/a	n/a	53.33	n/a	n/a	0.0009557	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-12	0.005	n/a	2/3/2026	0.005ND	No	45	n/a	n/a	88.89	n/a	n/a	0.0009557	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-19	0.0067	n/a	2/3/2026	0.0017J	No	25	n/a	n/a	40	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-20	0.0074	n/a	2/3/2026	0.0014J	No	25	n/a	n/a	72	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.0058	n/a	2/4/2026	0.005ND	No	25	n/a	n/a	64	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.0055	n/a	2/4/2026	0.005ND	No	20	n/a	n/a	55	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.006	n/a	2/4/2026	0.005ND	No	46	n/a	n/a	84.78	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.029	n/a	2/3/2026	0.01ND	No	47	n/a	n/a	25.53	n/a	n/a	0.0008745	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-3	0.045	n/a	2/2/2026	0.014	No	46	n/a	n/a	47.83	n/a	n/a	0.0009151	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-4A	0.01325	n/a	2/2/2026	0.01ND	No	45	0.07045	0.02011	24.44	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWA-5	0.022	n/a	2/2/2026	0.01ND	No	48	n/a	n/a	33.33	n/a	n/a	0.0008339	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-13	0.01	n/a	2/2/2026	0.01ND	No	27	n/a	n/a	55.56	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-14	0.01445	n/a	2/2/2026	0.01ND	No	26	-5.431	0.5046	30.77	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.01017	n/a	2/3/2026	0.01ND	No	25	-5.437	0.3568	32	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWA-16	0.01	n/a	2/3/2026	0.01ND	No	25	n/a	n/a	32	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-17	0.01417	n/a	2/3/2026	0.01ND	No	26	0.07667	0.01789	19.23	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWC-18	0.01531	n/a	2/3/2026	0.01ND	No	25	0.06255	0.0257	36	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWC-1	0.015	n/a	2/3/2026	0.01ND	No	46	n/a	n/a	26.09	n/a	n/a	0.0009151	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	2/4/2026	0.01ND	No	48	n/a	n/a	72.92	n/a	n/a	0.0008339	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.01	n/a	2/3/2026	0.01ND	No	46	n/a	n/a	65.22	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.017	n/a	2/3/2026	0.01ND	No	47	n/a	n/a	38.3	n/a	n/a	0.0008745	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-19	0.017	n/a	2/3/2026	0.01ND	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	2/3/2026	0.01ND	No	25	n/a	n/a	56	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.016	n/a	2/4/2026	0.01ND	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01641	n/a	2/4/2026	0.01ND	No	20	0.00662	0.003944	35	Kaplan-Meier	No	0.0003901	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	2/4/2026	0.01ND	No	46	n/a	n/a	65.22	n/a	n/a	0.0009151	NP Intra (NDs) 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 98.11% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

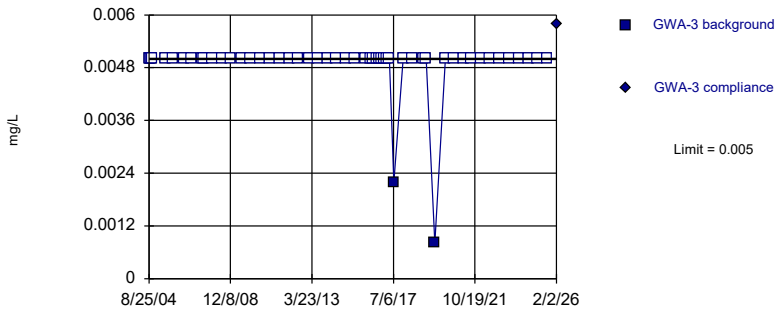
Constituent: Antimony Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 96.23% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

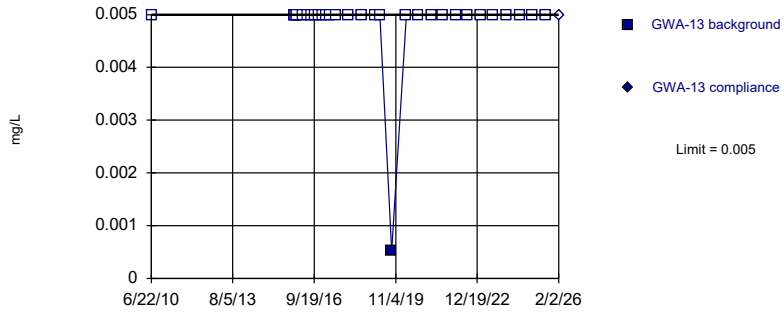
Constituent: Antimony Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

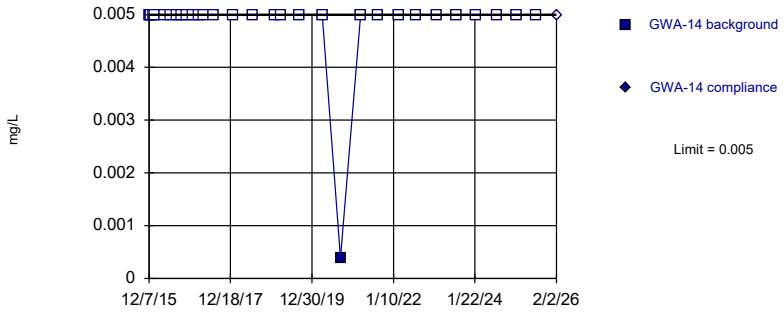
Constituent: Antimony Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

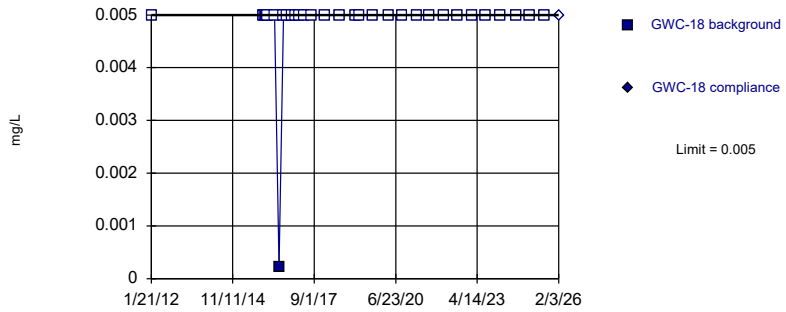
Constituent: Antimony Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

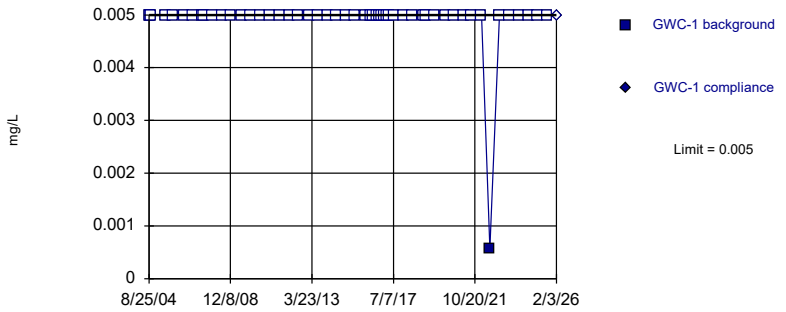
Constituent: Antimony Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 98.08% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

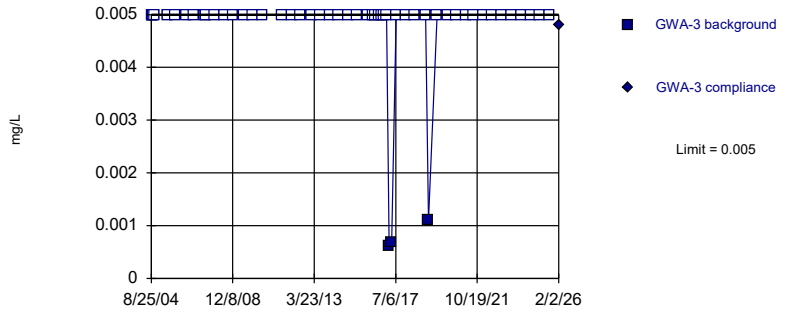
Constituent: Antimony Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 94.23% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

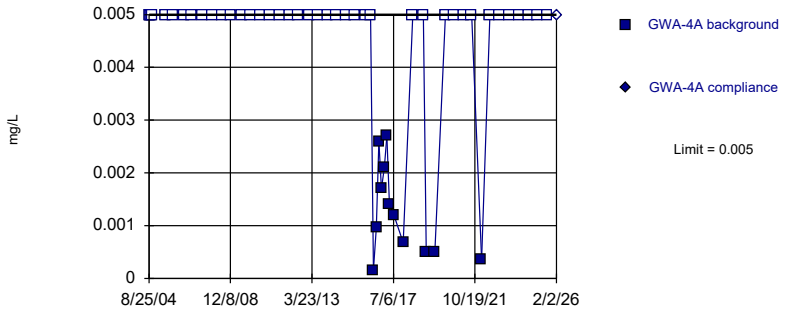
Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



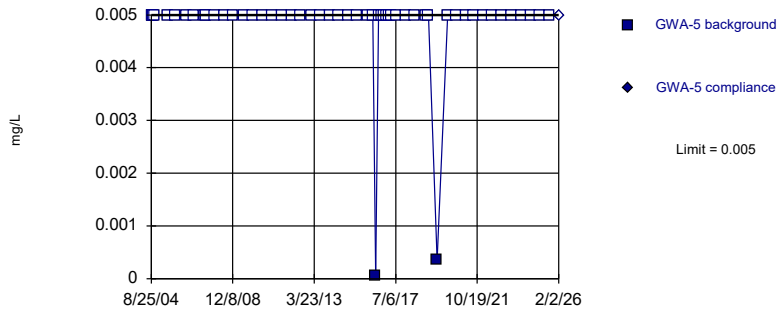
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



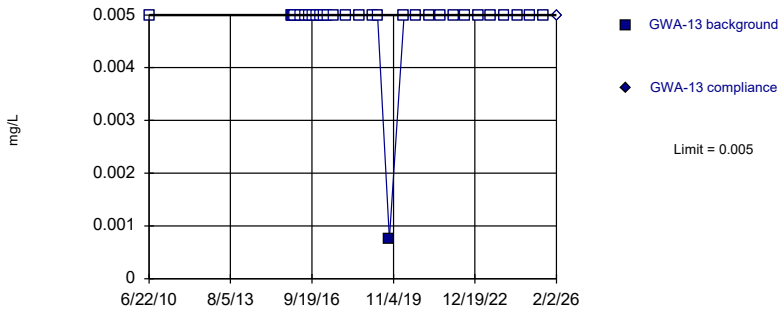
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 96.23% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



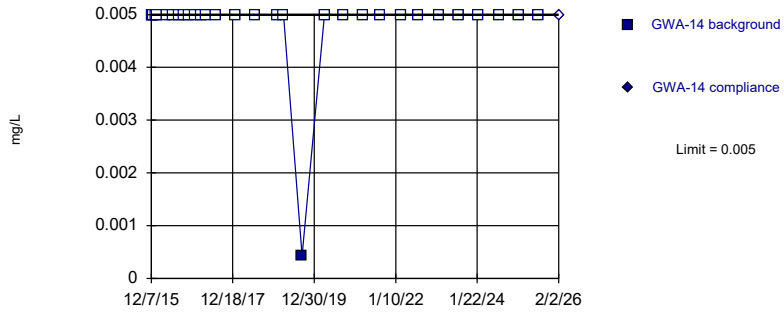
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



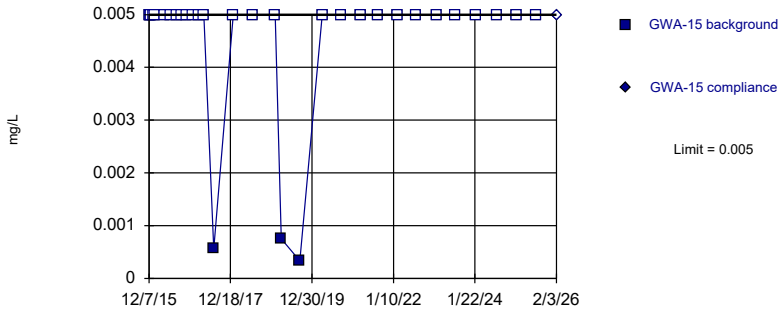
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

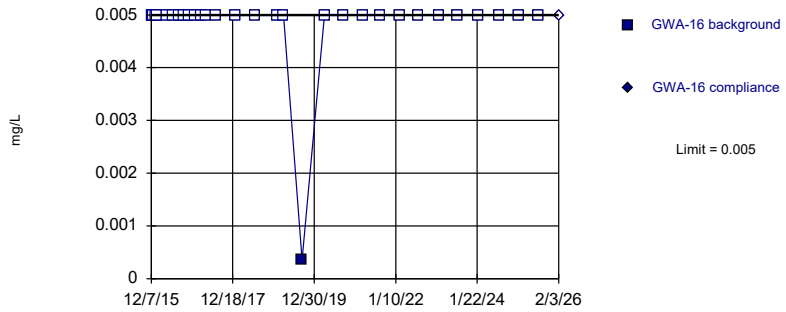
Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

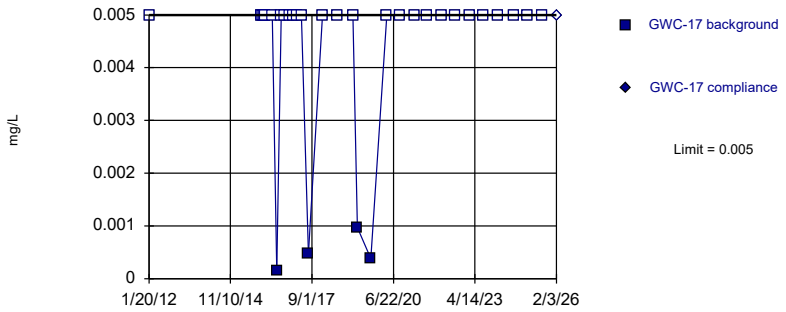
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

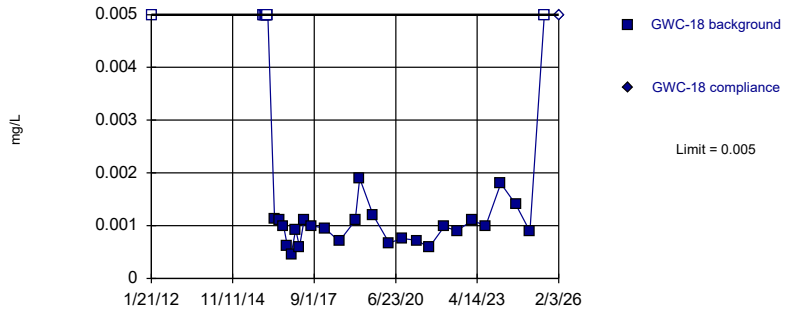
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 21.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

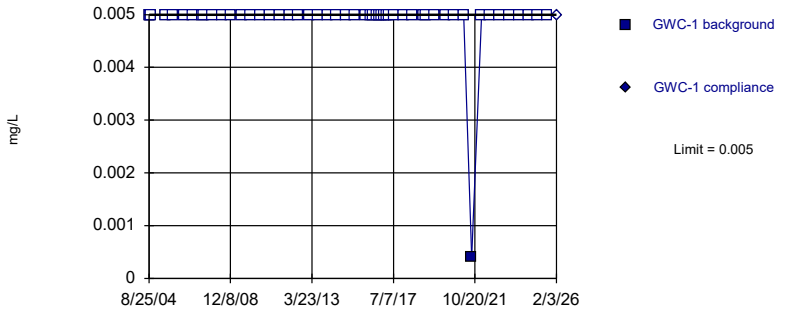
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 98.08% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

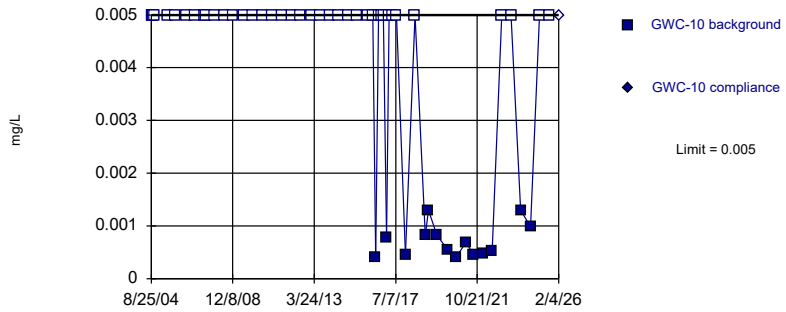
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 73.58% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

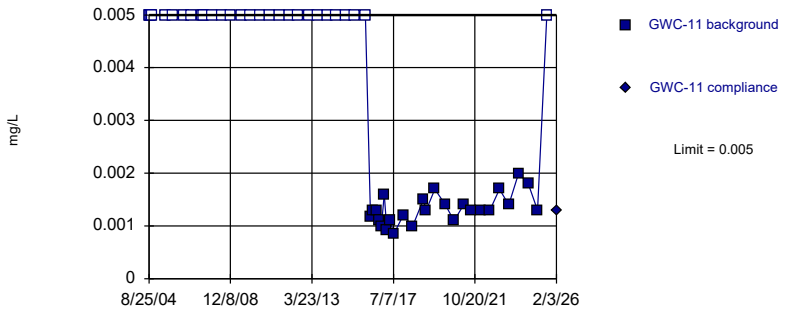
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 52.83% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

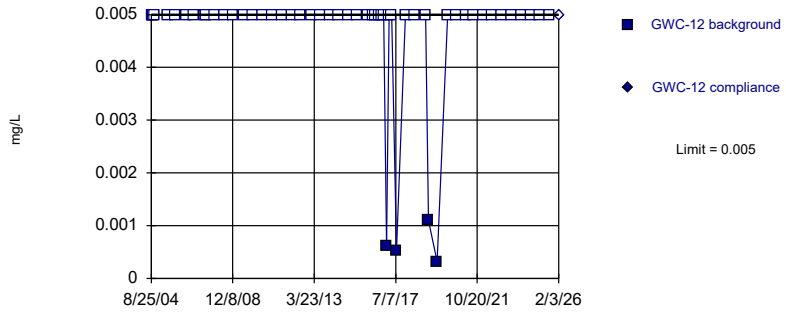
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 92.45% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

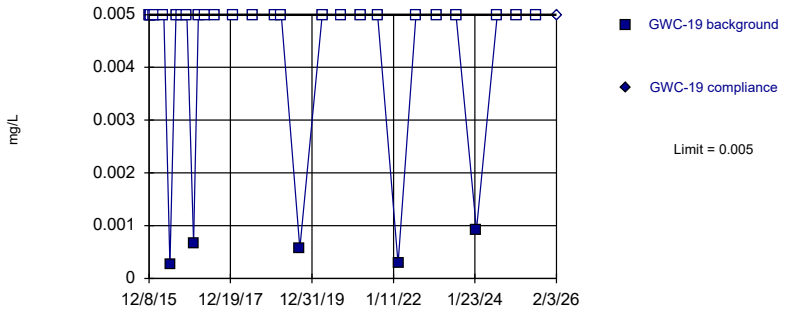
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 83.87% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

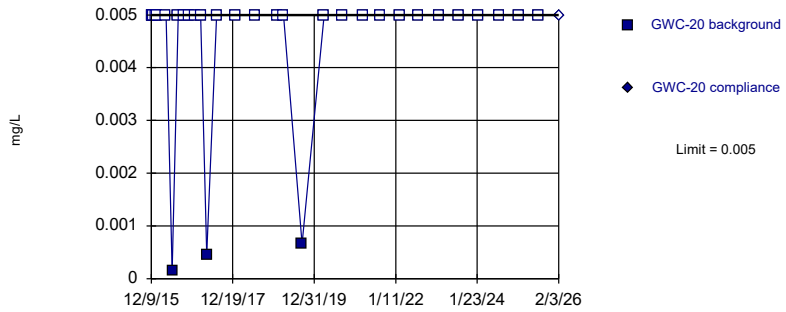
Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



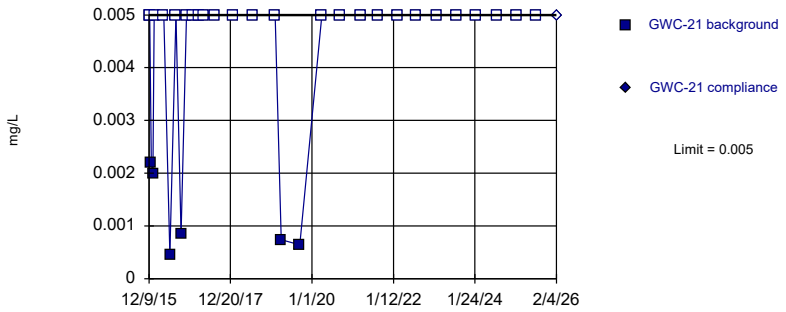
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



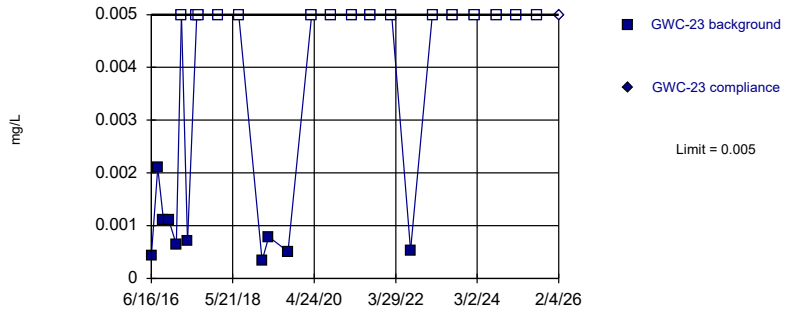
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 80.65% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



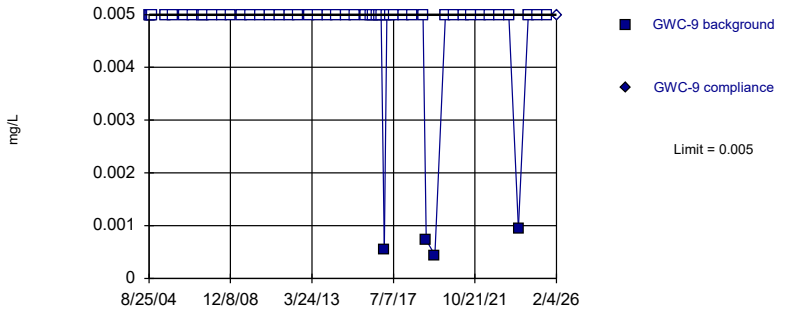
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 92.45% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

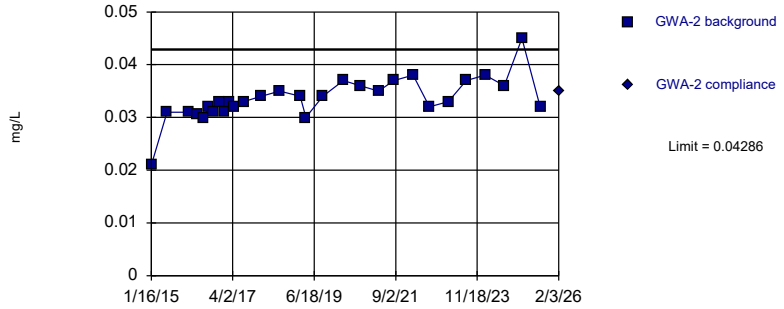
Constituent: Arsenic Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0335, Std. Dev.=0.004018, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9078, critical = 0.898. Kappa = 2.33 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

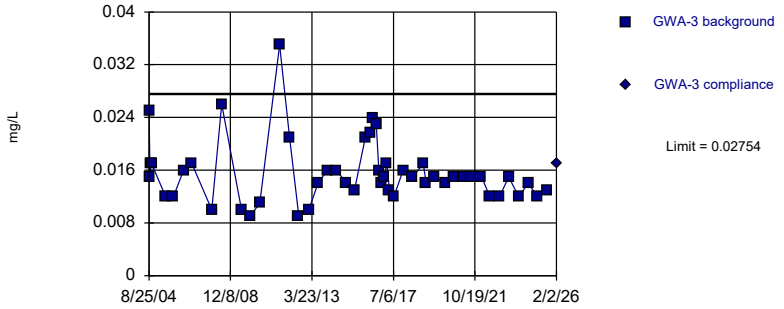
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.203, Std. Dev.=0.2771, n=49. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9488, critical = 0.929. Kappa = 2.204 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

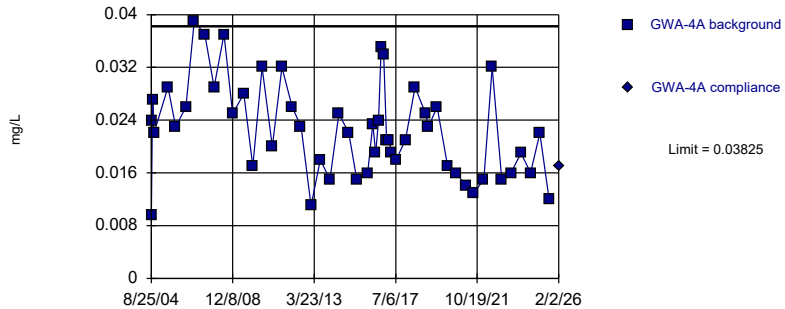
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02256, Std. Dev.=0.00715, n=52. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9789, critical = 0.937. Kappa = 2.195 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

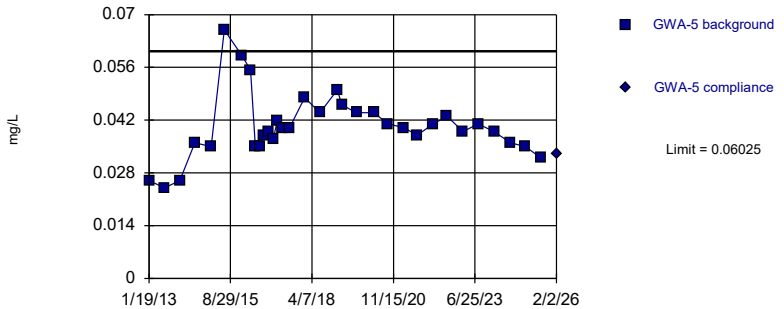
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04043, Std. Dev.=0.008647, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.906. Kappa = 2.292 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell

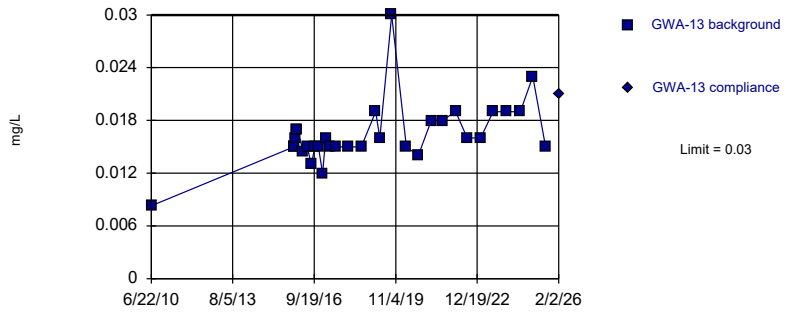
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

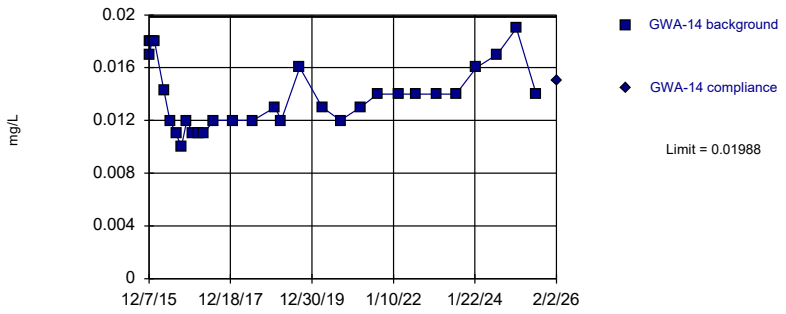
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01395, Std. Dev.=0.002569, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9079, critical = 0.902. Kappa = 2.309 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

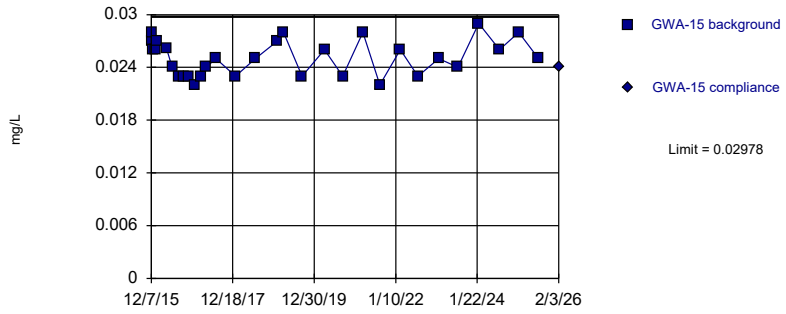
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0251, Std. Dev.=0.002026, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9251, critical = 0.902. Kappa = 2.309 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

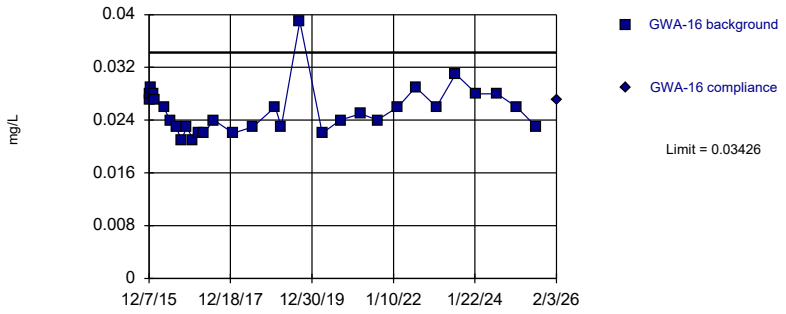
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.679, Std. Dev.=0.132, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.916, critical = 0.902. Kappa = 2.309 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

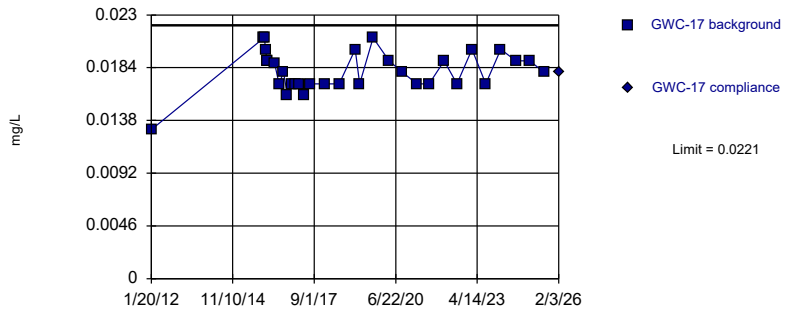
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01809, Std. Dev.=0.001745, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.904. Kappa = 2.301 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

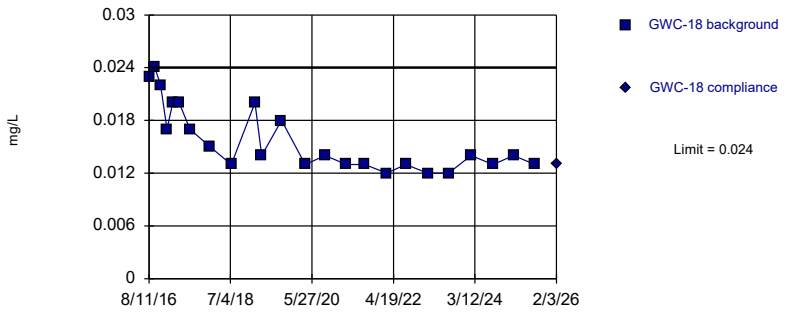
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

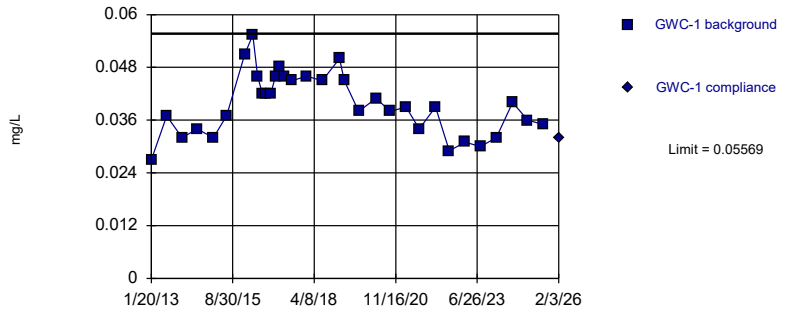
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03971, Std. Dev.=0.006972, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9768, critical = 0.906. Kappa = 2.292 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

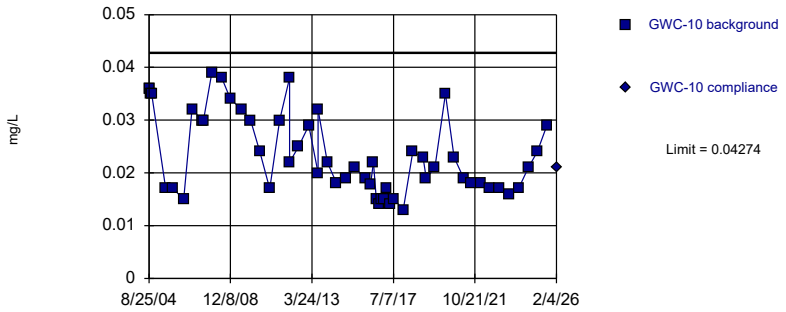
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.2831, Std. Dev.=0.03043, n=55. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9432, critical = 0.94. Kappa = 2.186 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

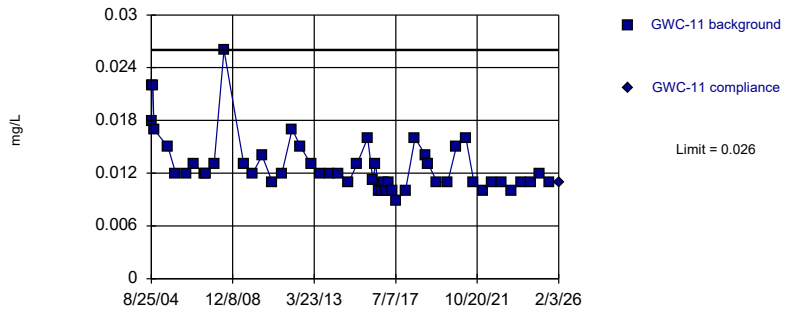
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 52 background values. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

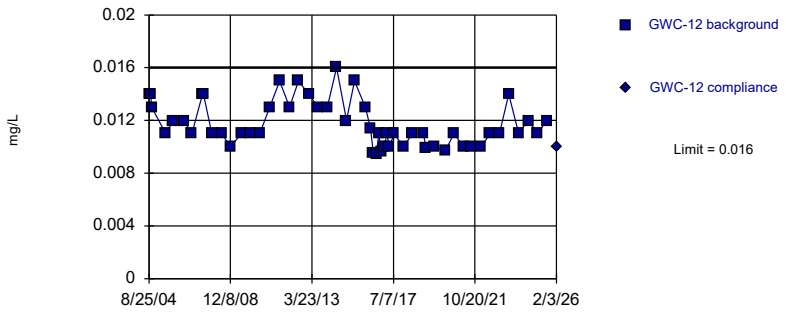
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 53 background values. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

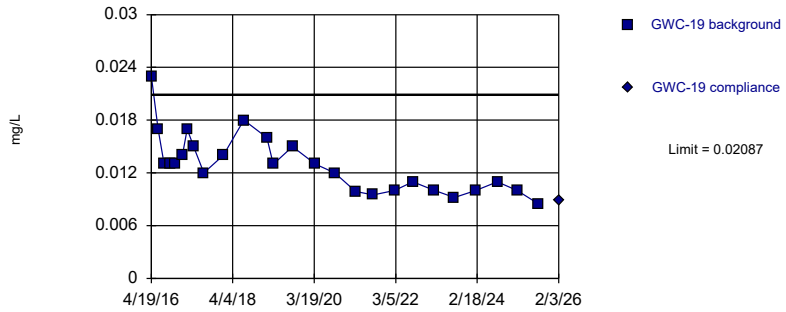
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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01297, Std. Dev.=0.003338, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9128, critical = 0.891. Kappa = 2.368 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

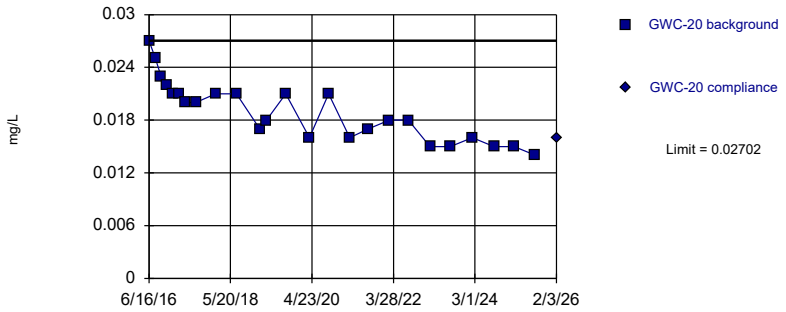
Constituent: Barium Analysis Run 4/16/2026 8:52 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01892, Std. Dev.=0.003402, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9345, critical = 0.888. Kappa = 2.38 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

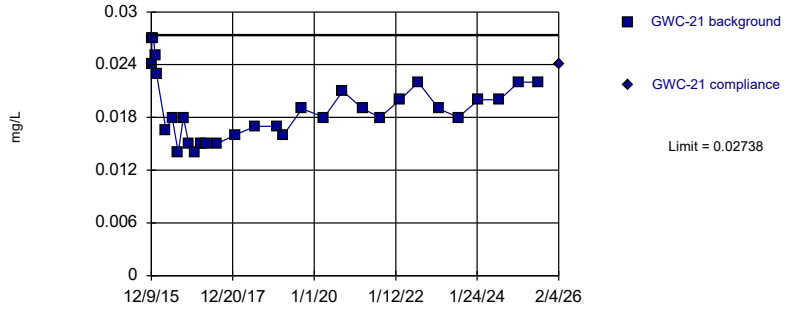
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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01905, Std. Dev.=0.003606, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9367, critical = 0.902. Kappa = 2.309 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

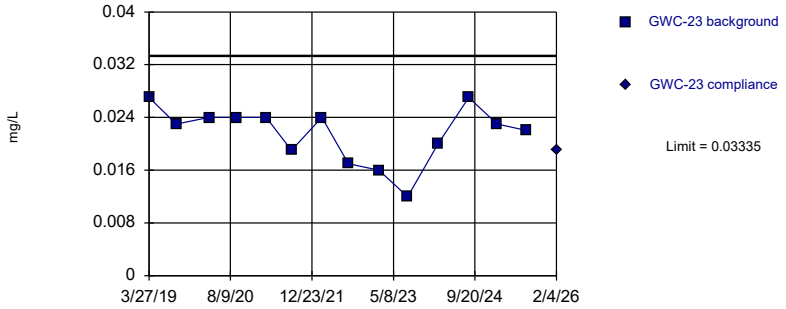
Constituent: Barium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02157, Std. Dev.=0.004292, n=14. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9137, critical = 0.874. Kappa = 2.744 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

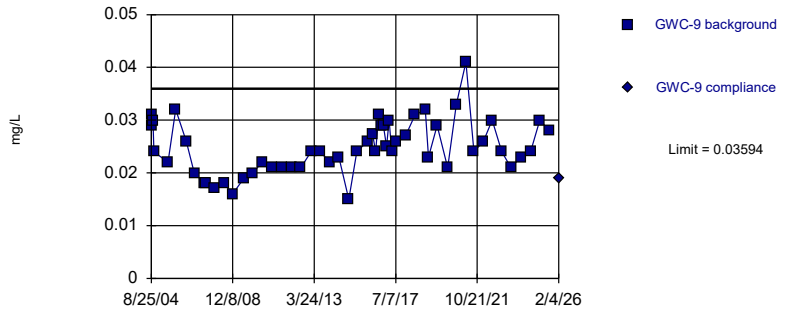
Constituent: Barium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02484, Std. Dev.=0.005064, n=53. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9641, critical = 0.938. Kappa = 2.192 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

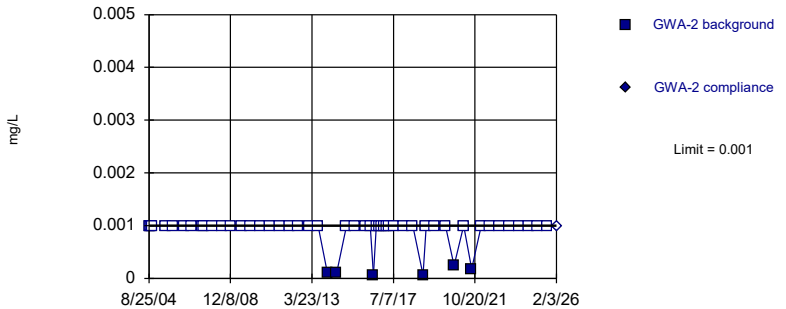
Constituent: Barium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 88.68% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

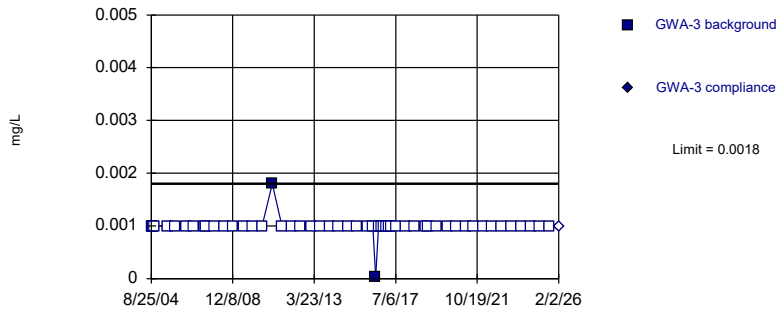
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 96.23% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

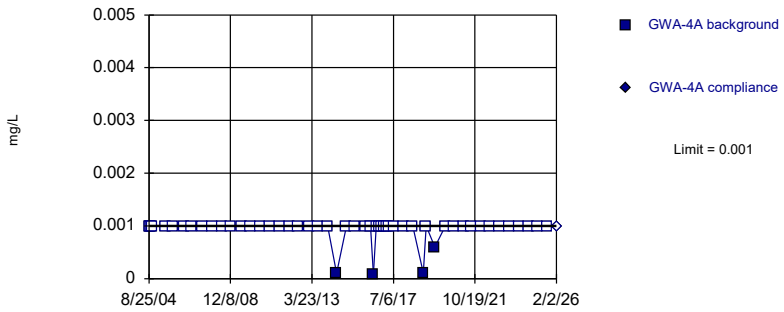
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

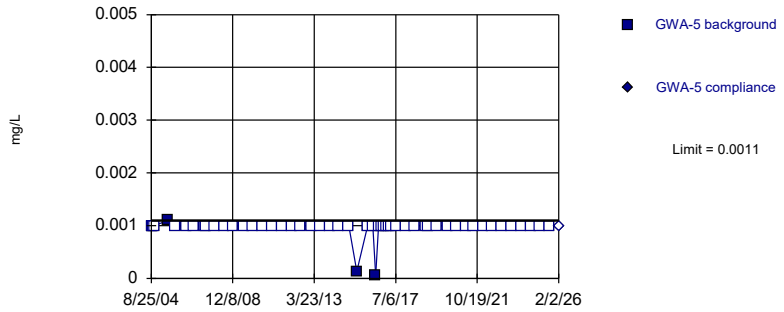
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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 94.34% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

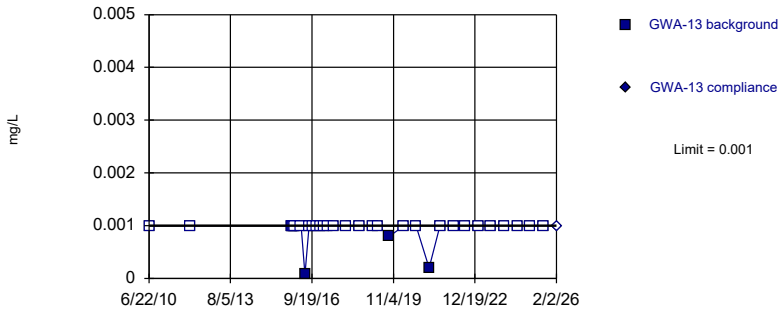
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Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

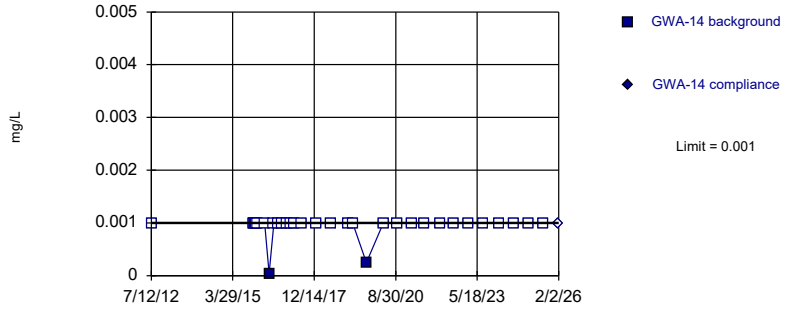
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

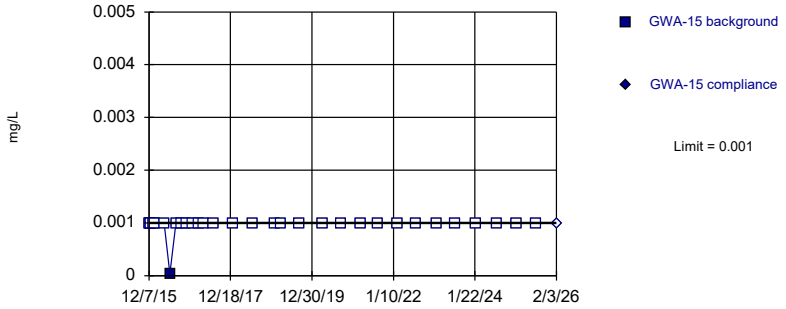
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

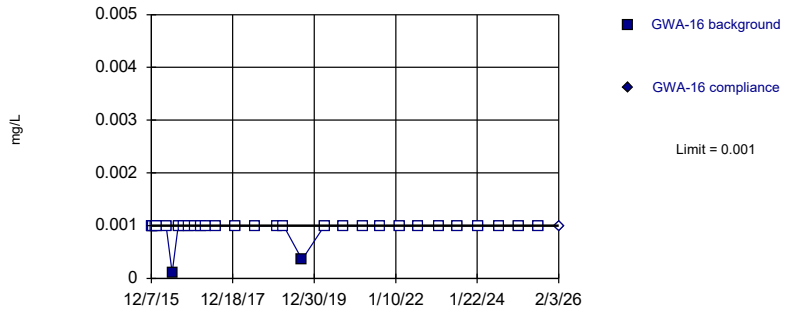
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

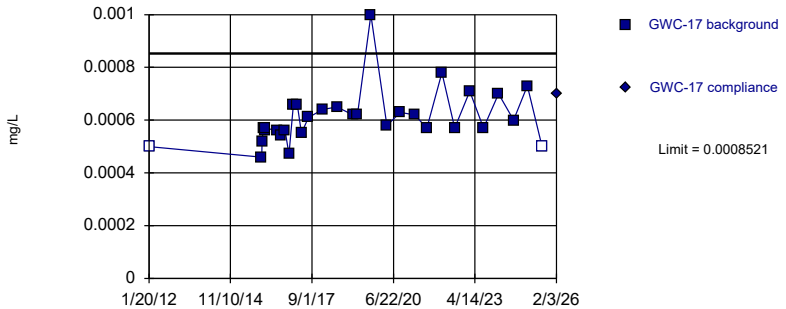
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.0246, Std. Dev.=0.001988, n=31, 6.452% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9027, critical = 0.902. Kappa = 2.309 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

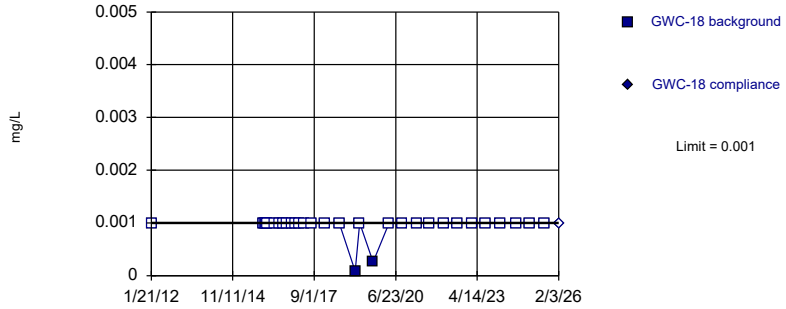
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

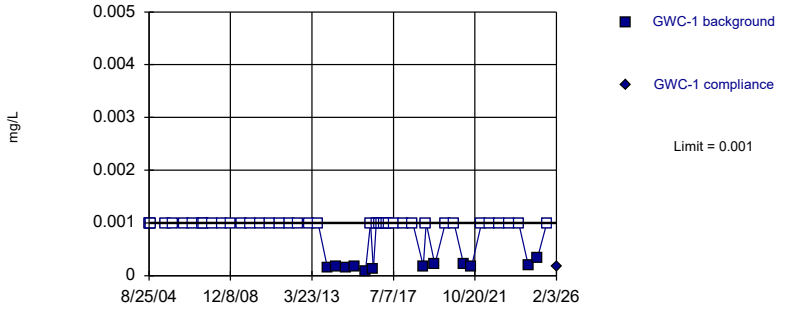
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

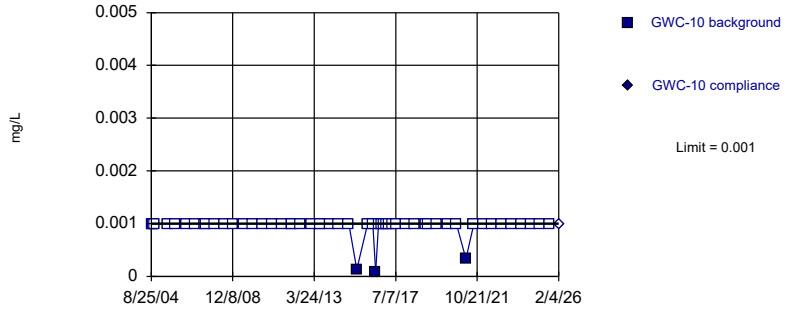
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 55 background values. 94.55% NDs. Well-constituent pair annual alpha = 0.001281. Individual comparison alpha = 0.0006405 (1 of 2).

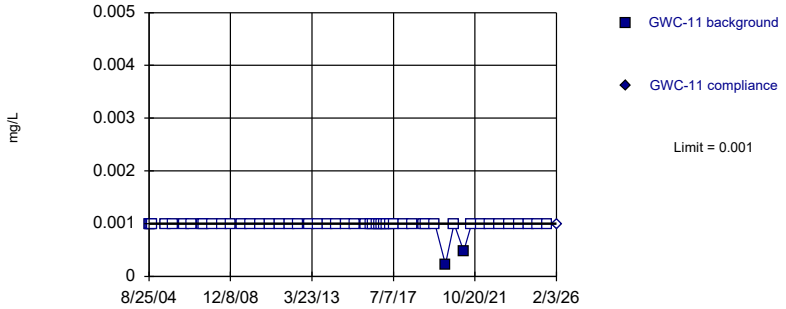
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 96.23% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

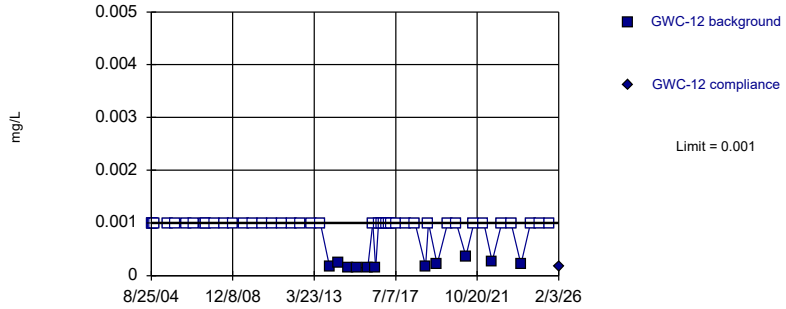
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 79.25% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell

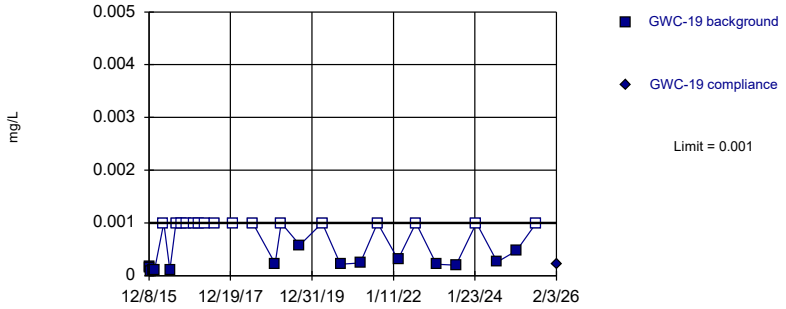
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell

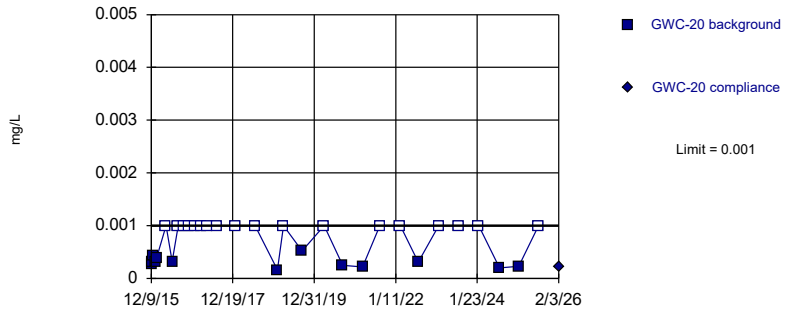
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 58.06% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell

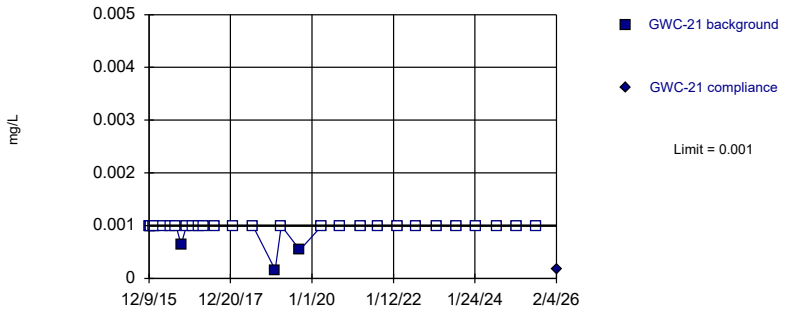
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell

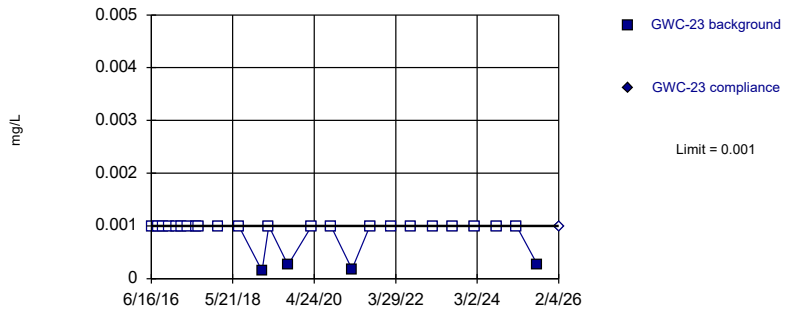
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

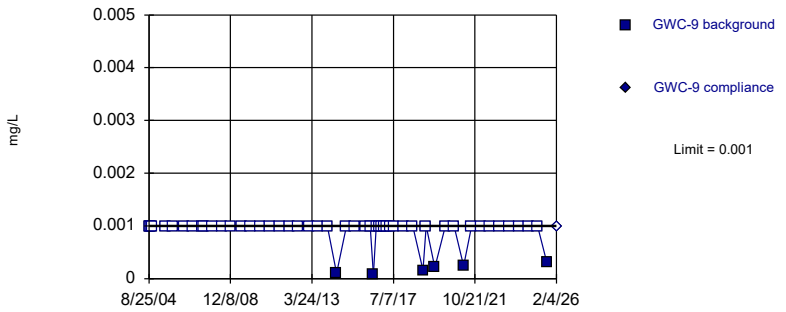
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 88.68% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

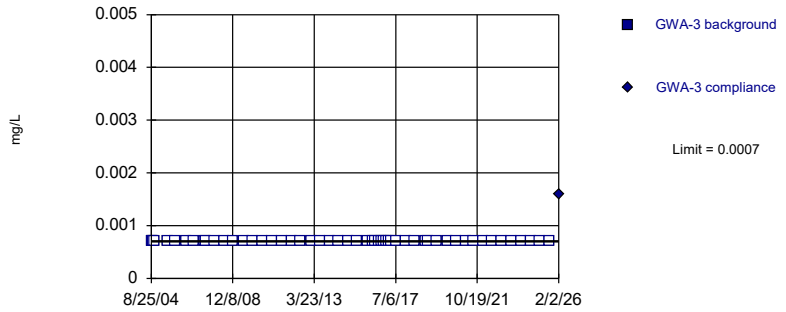
Constituent: Beryllium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 53) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

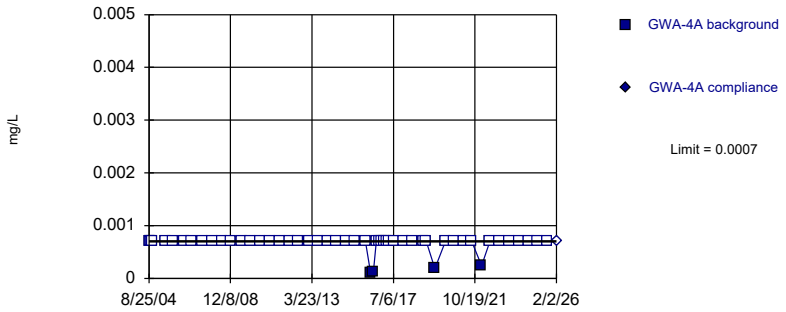
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

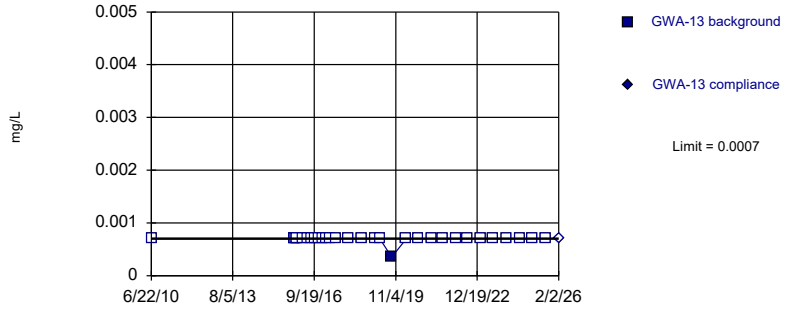
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

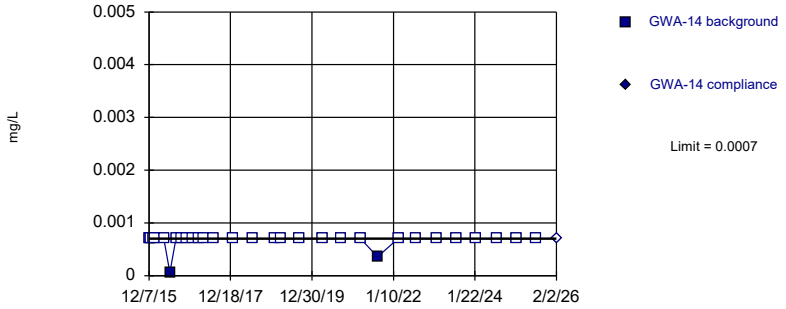
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

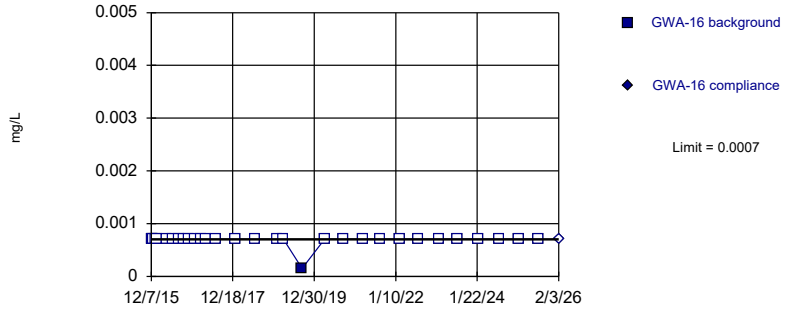
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

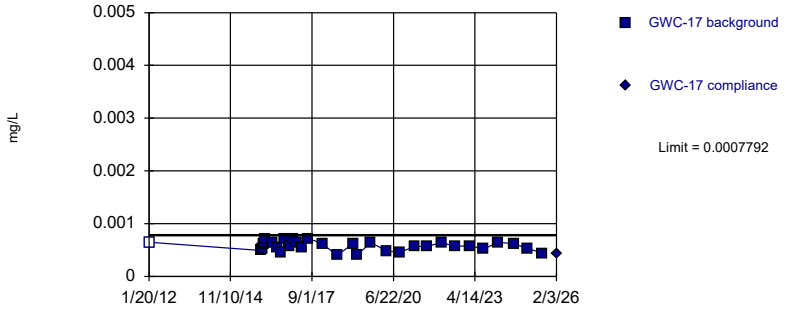
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



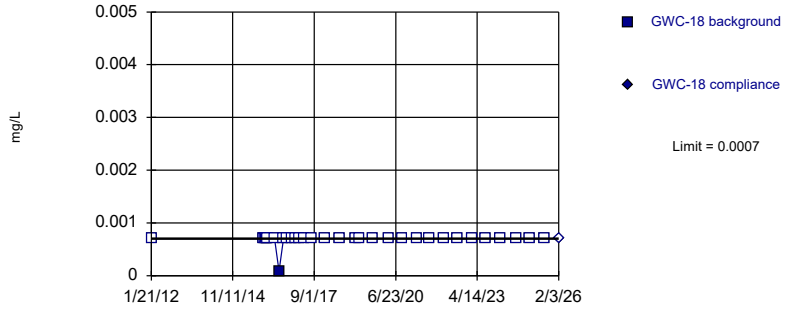
Background Data Summary: Mean=0.000577, Std. Dev.=0.00008792, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9579, critical = 0.904. Kappa = 2.301 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



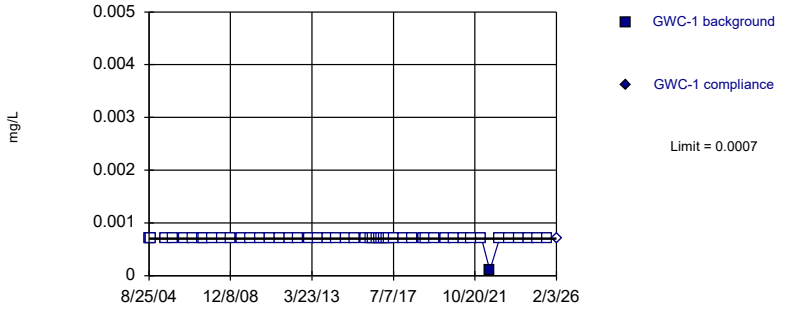
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



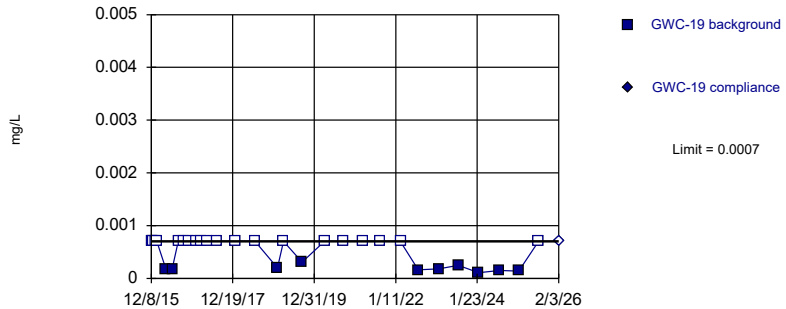
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 98.08% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



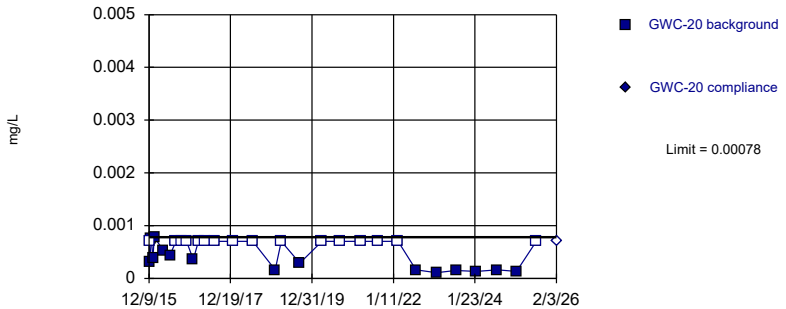
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

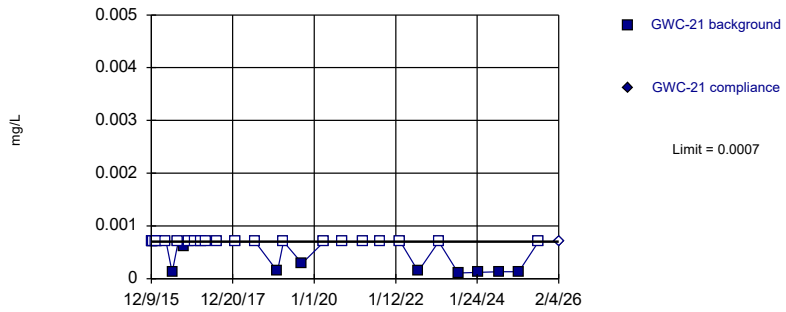
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

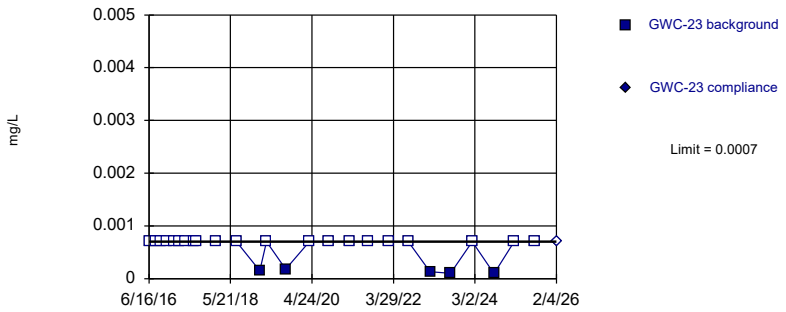
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

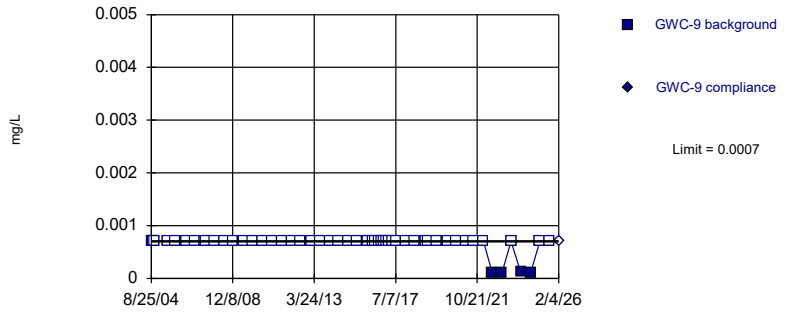
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 92.45% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

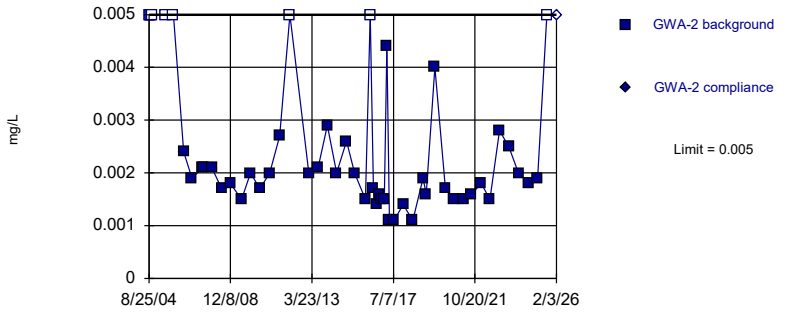
Constituent: Cadmium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 52 background values. 17.31% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

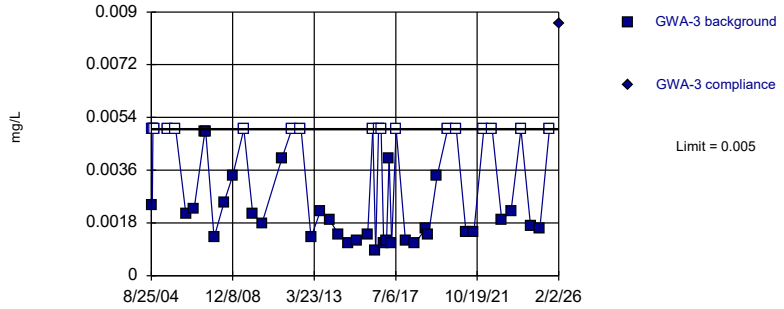
Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 52 background values. 34.62% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

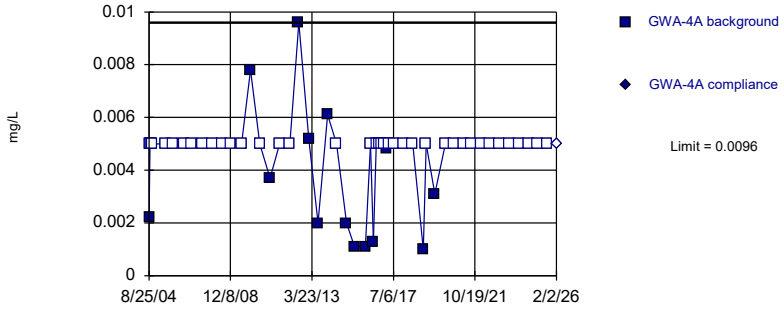
Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

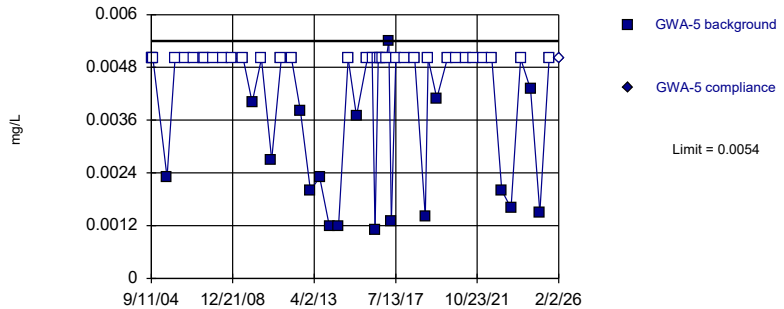
Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

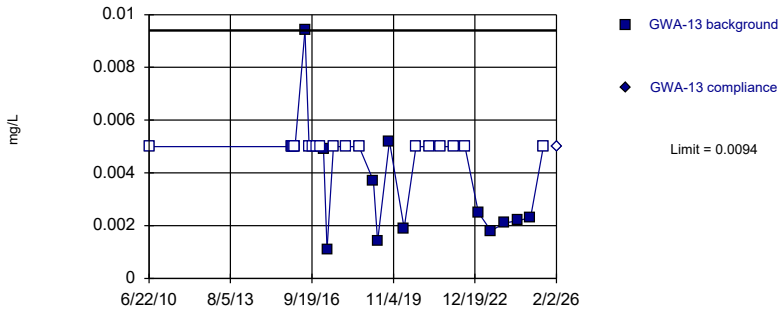
Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 61.29% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

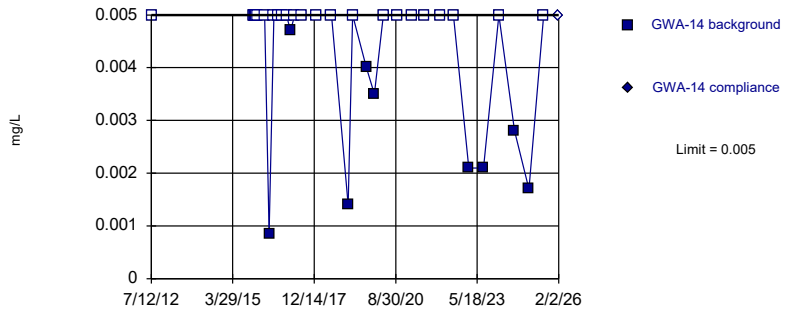
Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

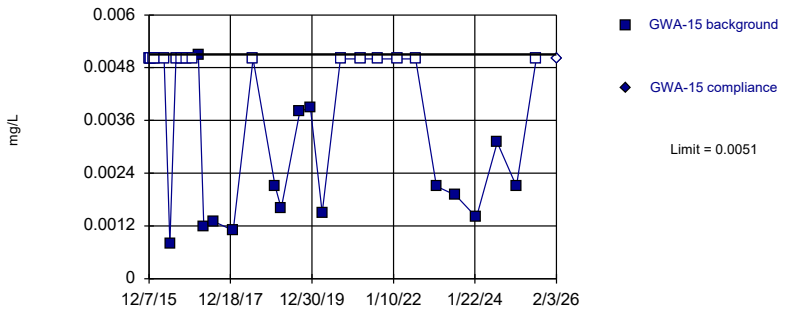
Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

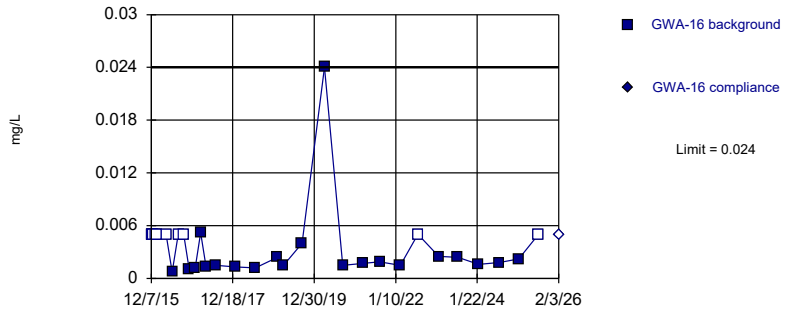
Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 32.26% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

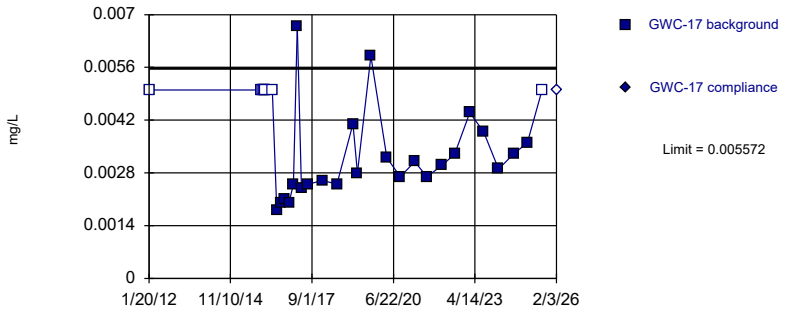
Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



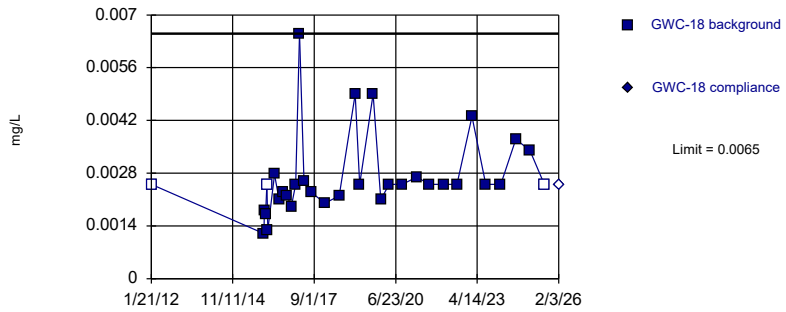
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002986, Std. Dev.=0.001124, n=32, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.904. Kappa = 2.301 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Chromium Analysis Run 4/16/2026 8:53 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



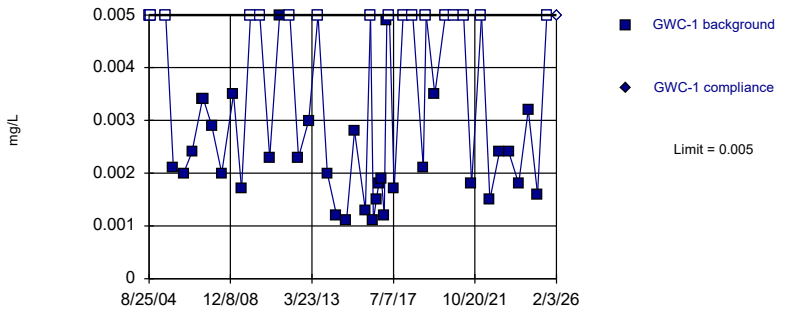
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 9.091% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



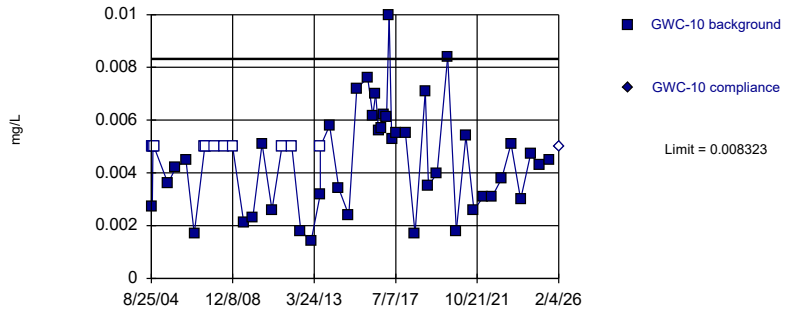
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 52 background values. 34.62% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



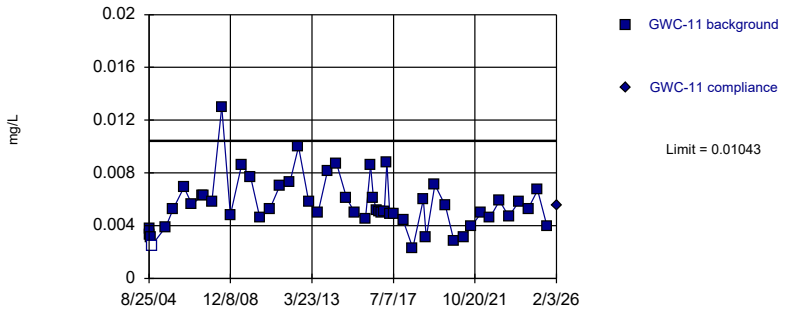
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003954, Std. Dev.=0.001996, n=54, 20.37% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9593, critical = 0.939. Kappa = 2.189 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.07393, Std. Dev.=0.01287, n=53, 1.887% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9662, critical = 0.938. Kappa = 2.192 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

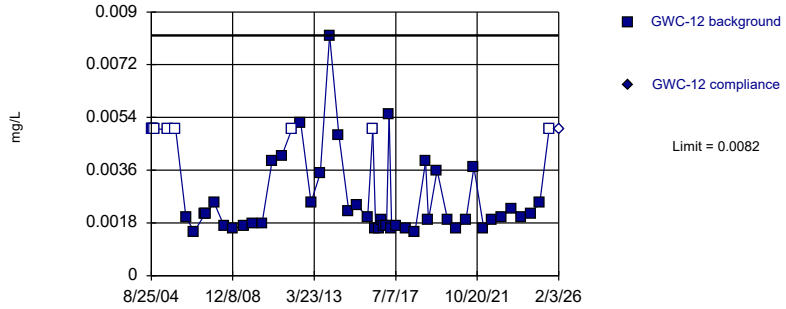
Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 53 background values. 16.98% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

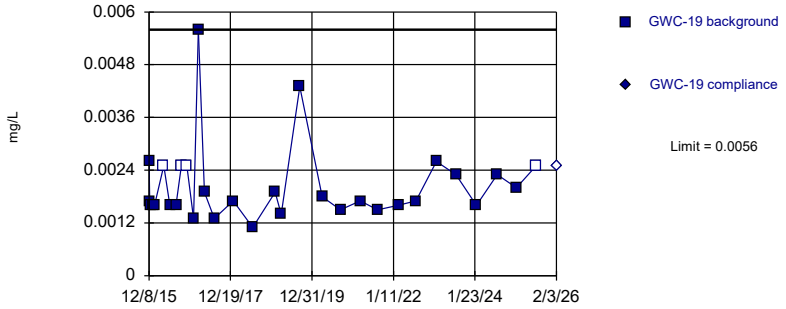
Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 12.9% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

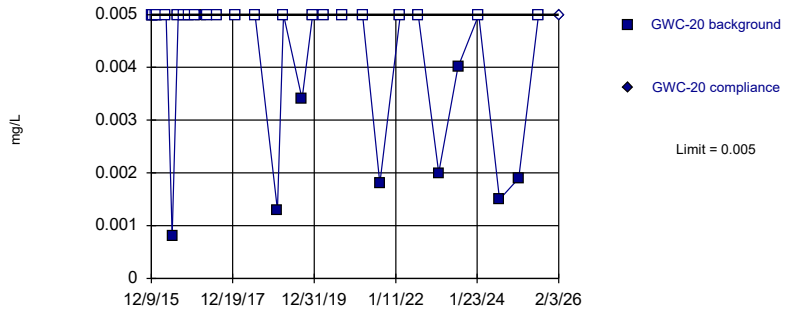
Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

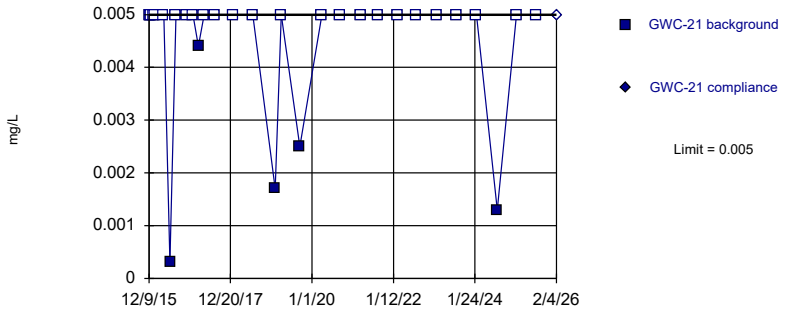
Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



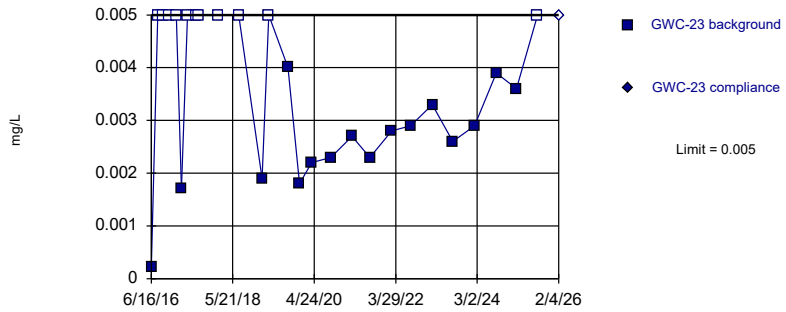
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



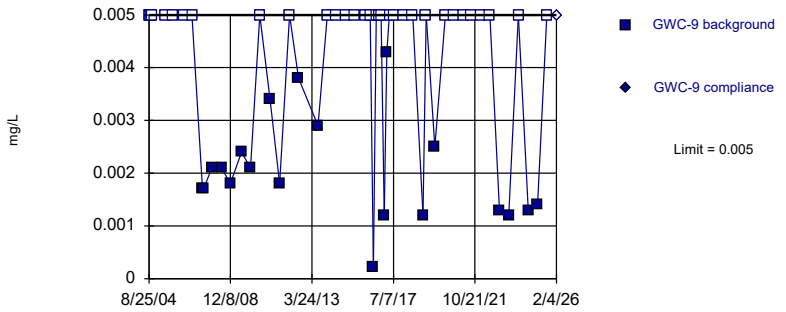
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 40.74% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



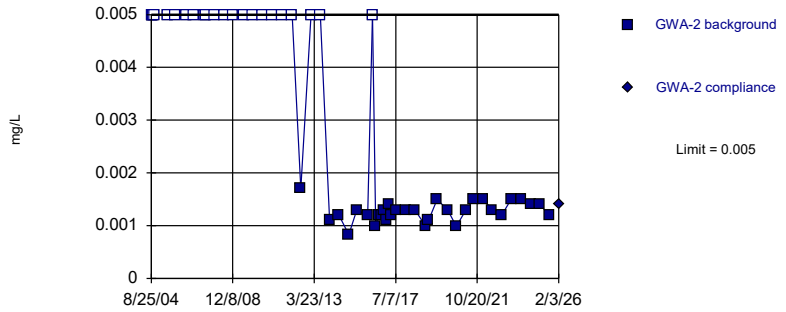
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Chromium Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



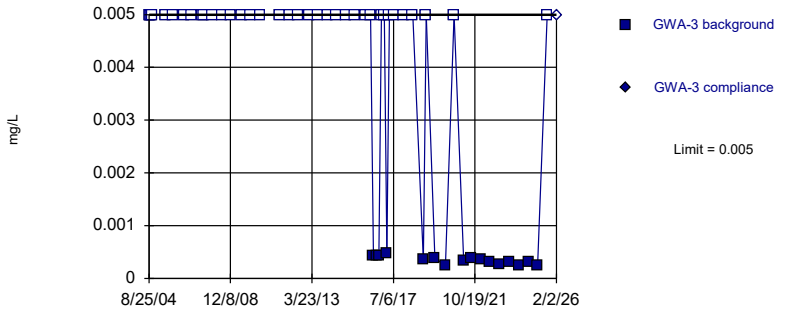
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 53 background values. 41.51% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



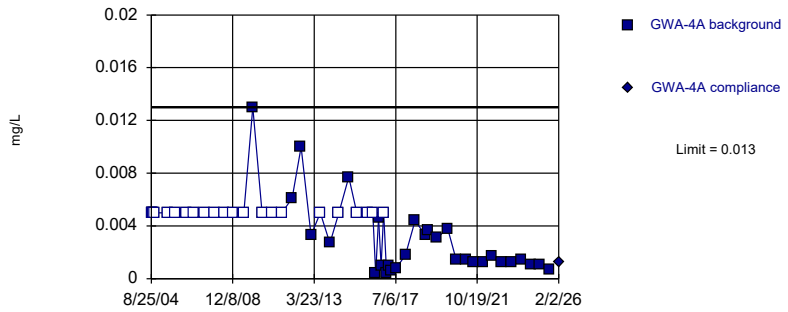
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



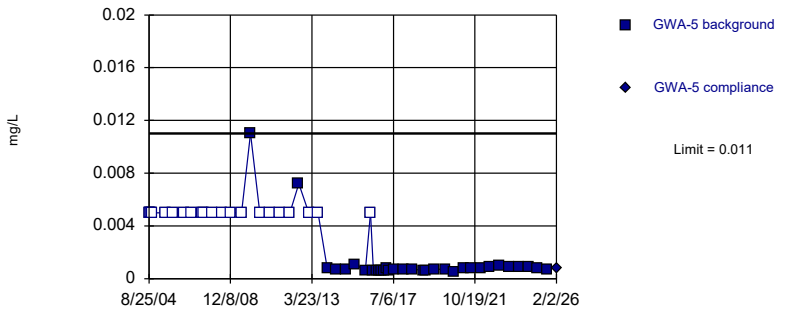
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 52 background values. 42.31% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



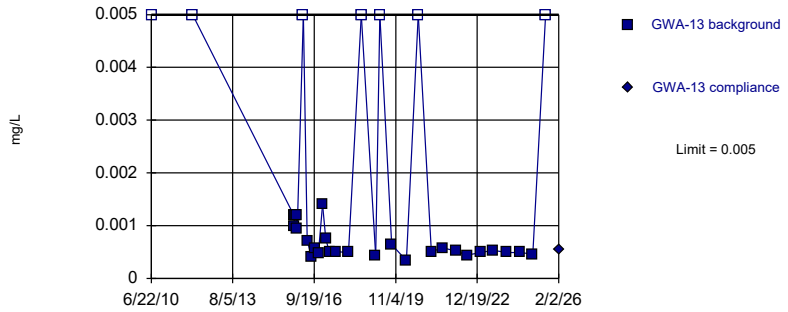
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 53 background values. 39.62% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



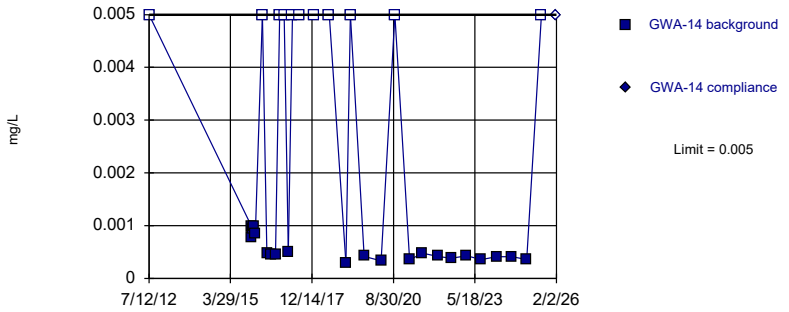
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 21.21% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 34.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

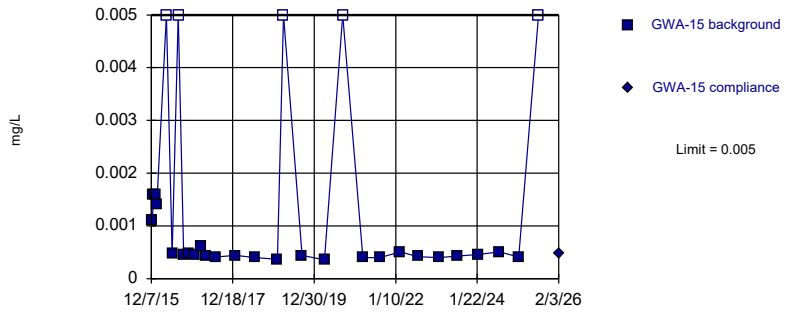
Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 16.13% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

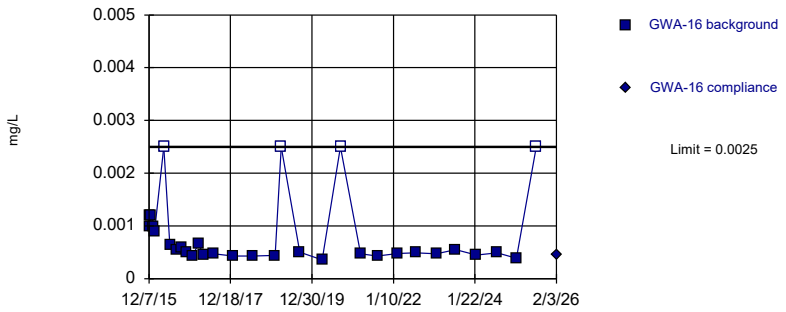
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 12.9% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

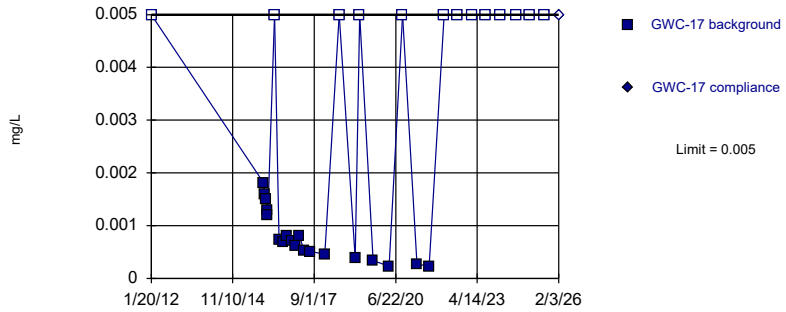
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 40.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

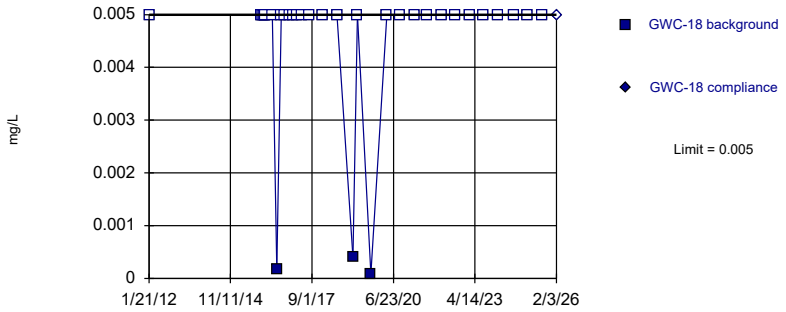
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

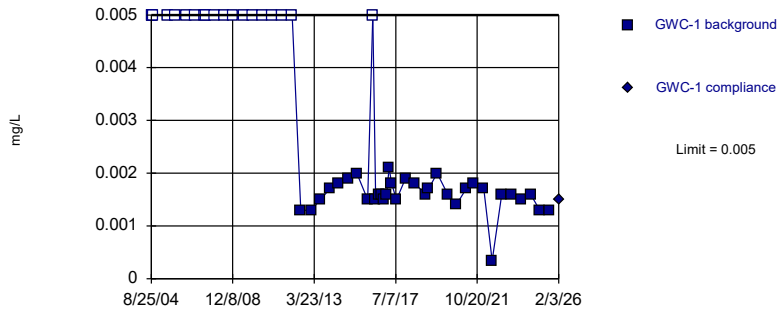
Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



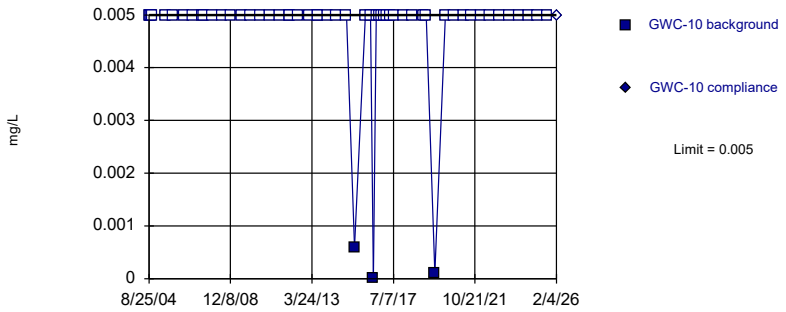
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 52 background values. 36.54% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



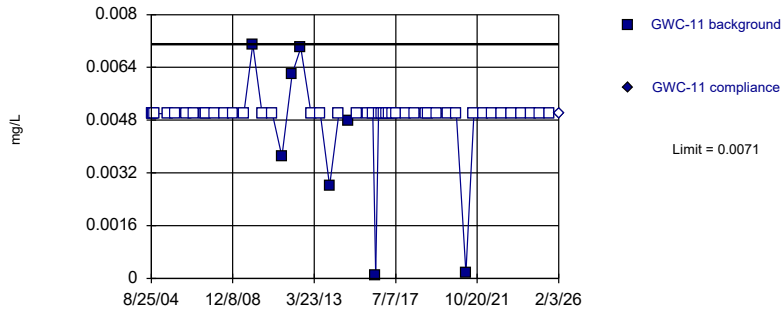
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 55 background values. 94.55% NDs. Well-constituent pair annual alpha = 0.001281. Individual comparison alpha = 0.0006405 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



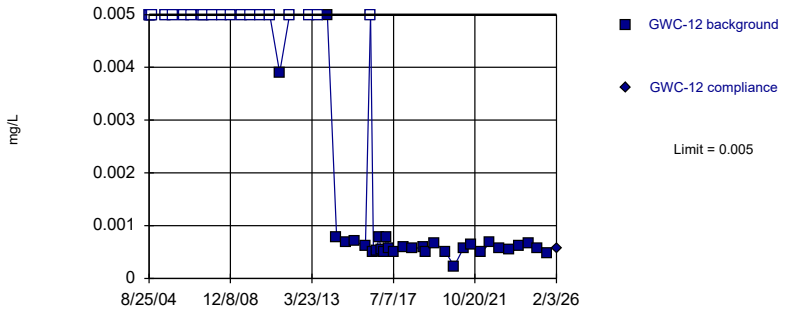
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 84.91% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 52 background values. 40.38% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

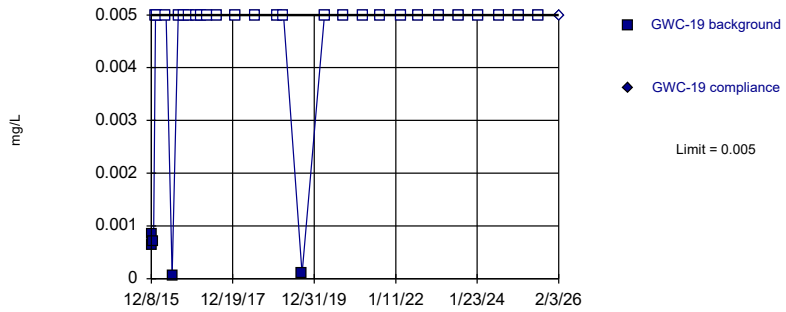
Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 83.87% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

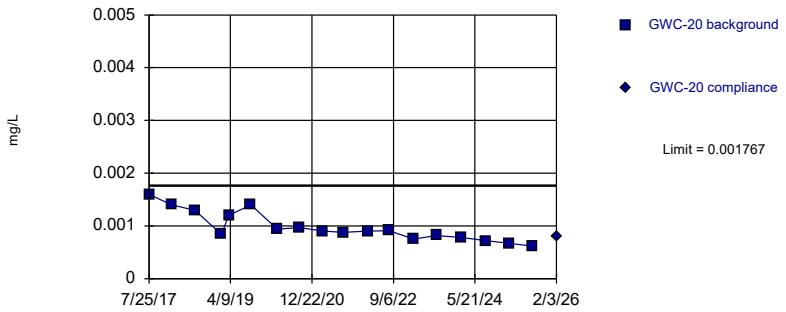
Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.03098, Std. Dev.=0.004336, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9168, critical = 0.897. Kappa = 2.548 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

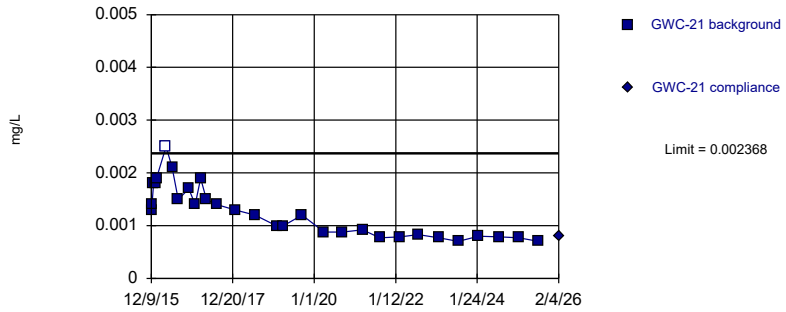
Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00125, Std. Dev.=0.0004825, n=30, 3.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9021, critical = 0.9. Kappa = 2.318 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

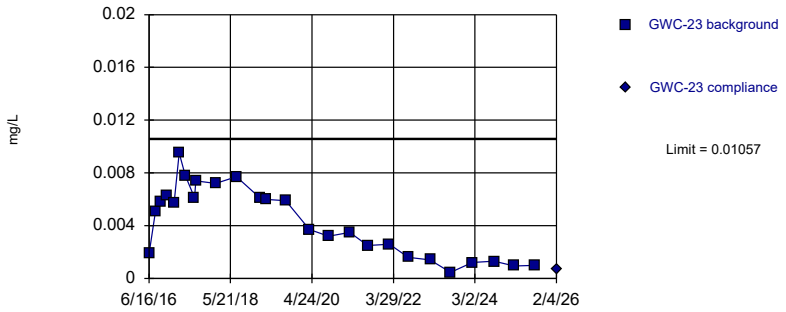
Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004304, Std. Dev.=0.002646, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.926, critical = 0.891. Kappa = 2.368 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

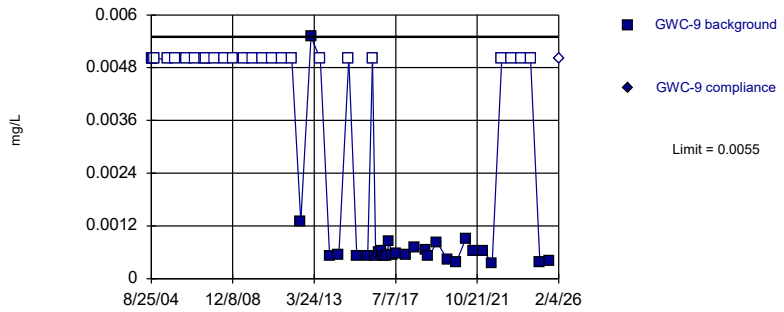
Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 53 background values. 49.06% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Cobalt Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

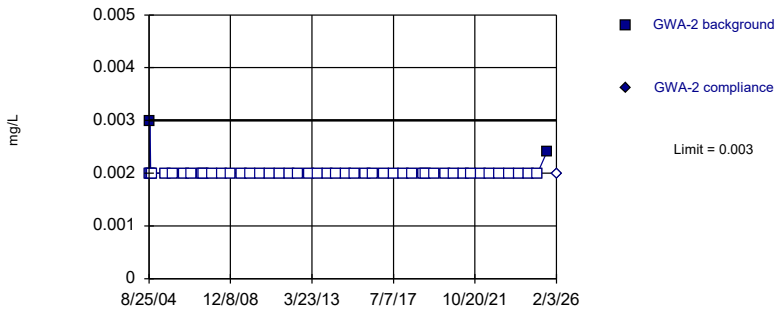
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 95.74% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

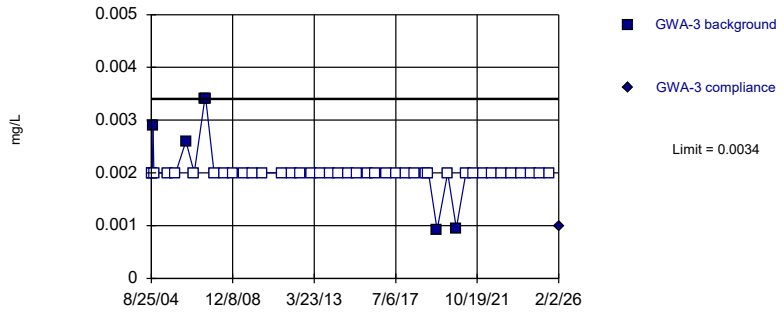
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

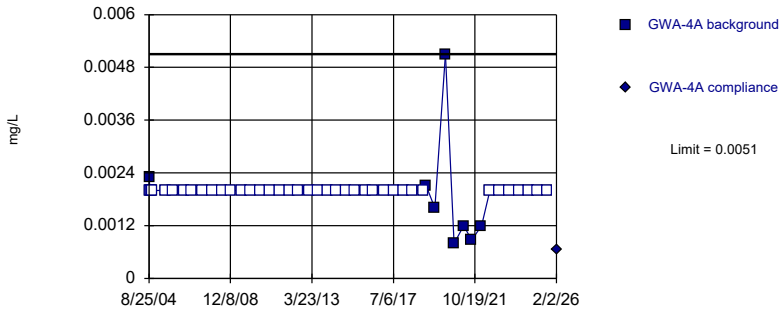
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

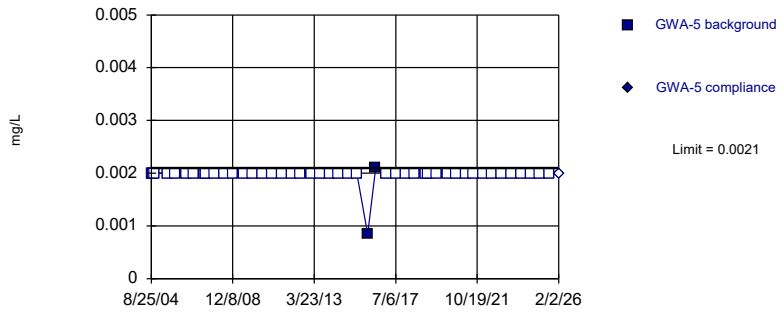
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 95.74% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

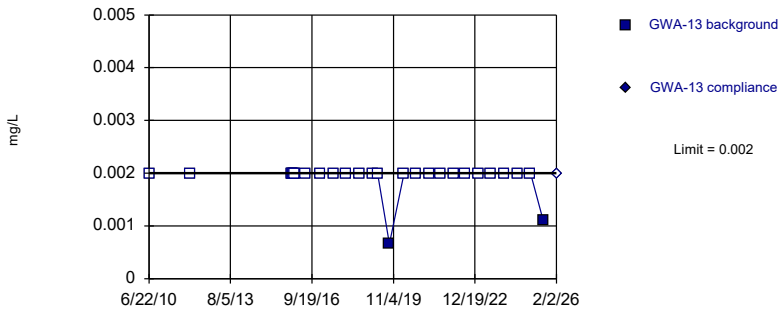
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

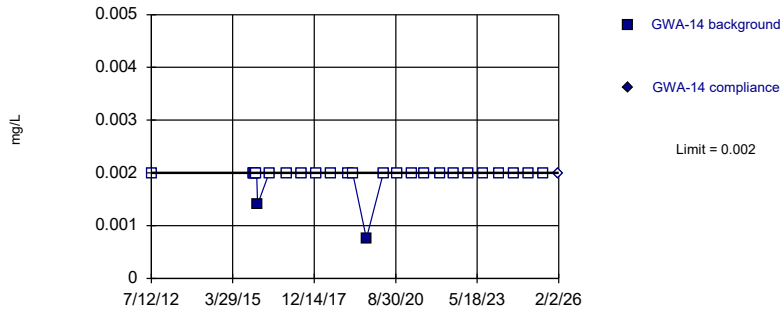
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

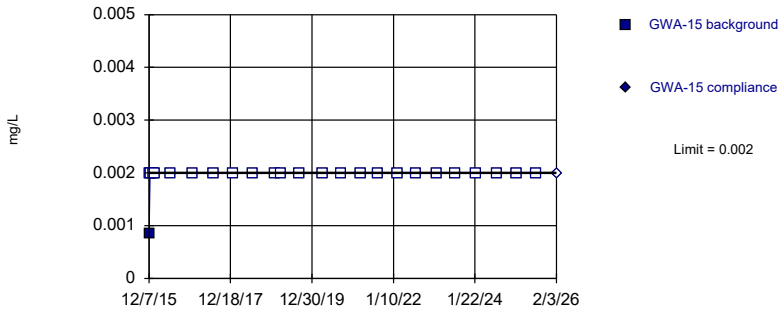
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

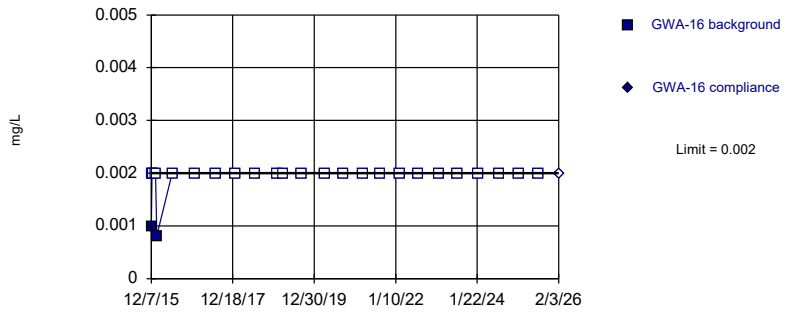
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

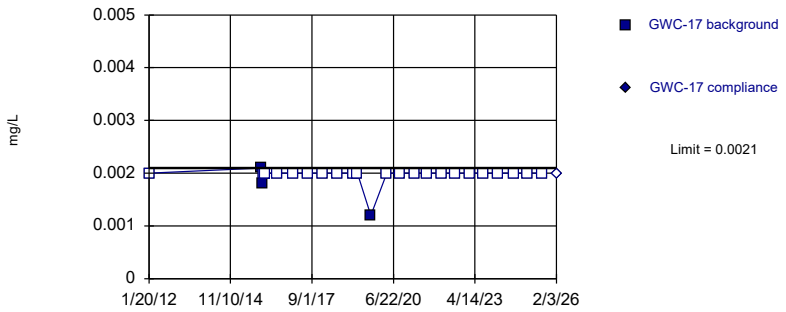
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

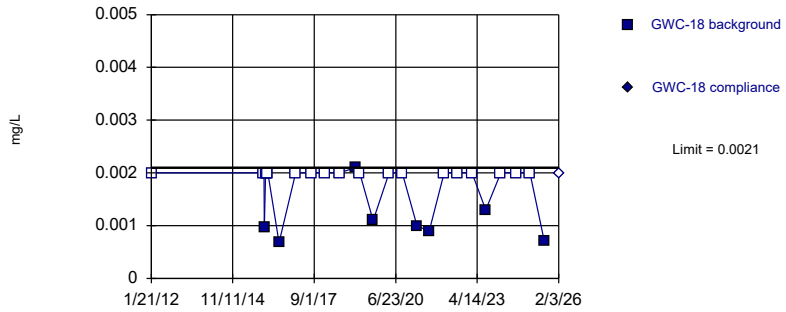
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

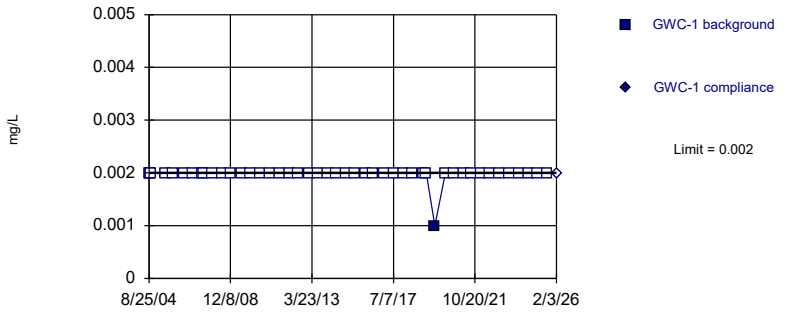
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

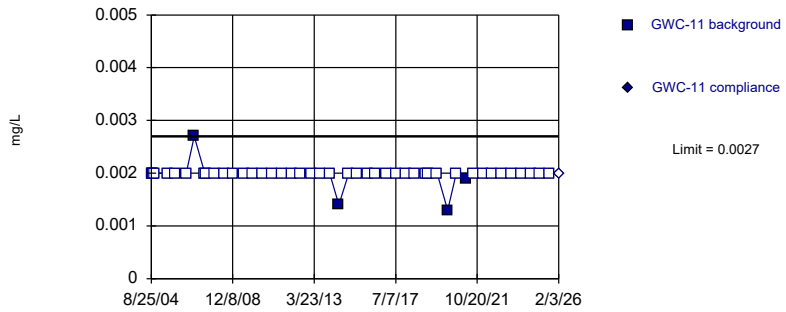
Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



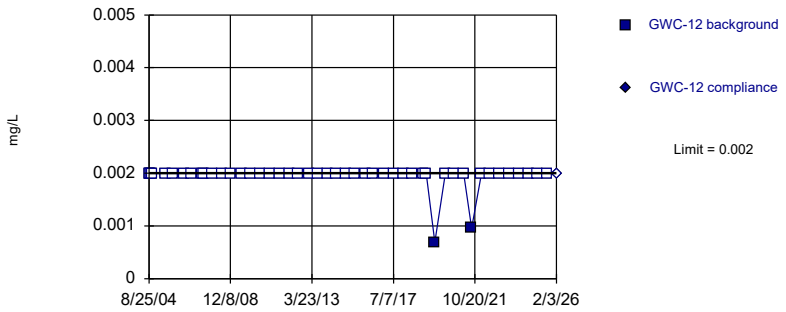
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 91.49% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



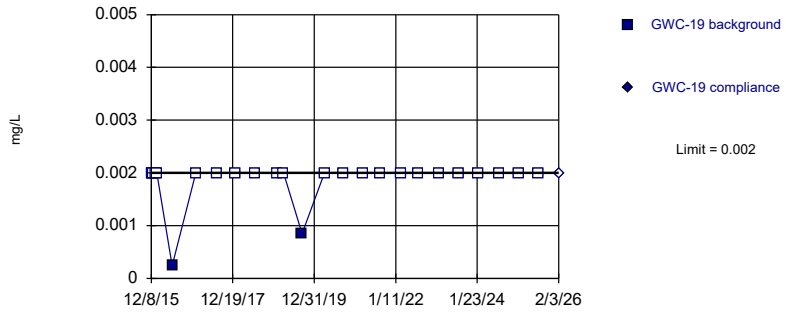
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 95.74% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



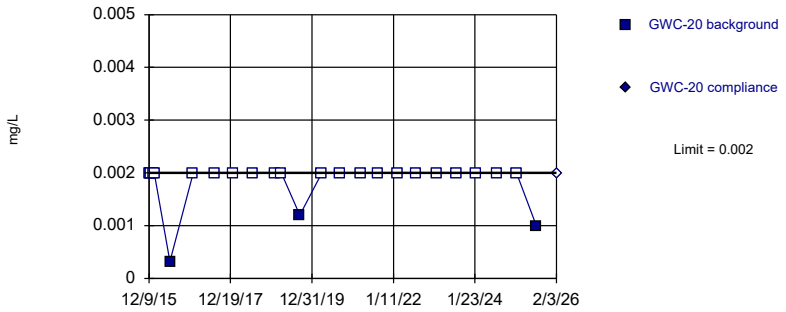
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 88% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

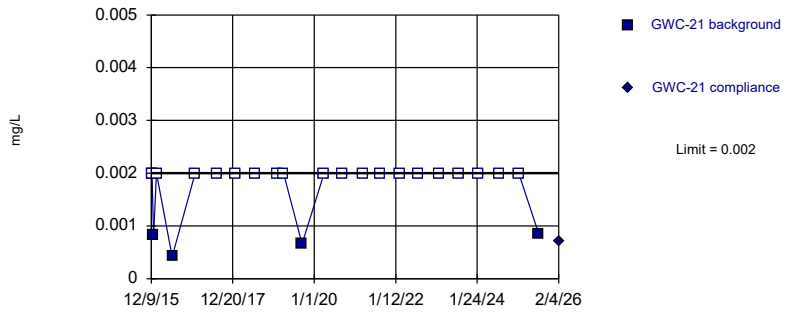
Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

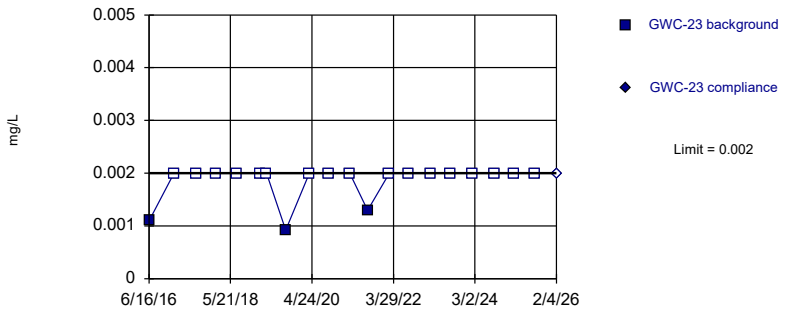
Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

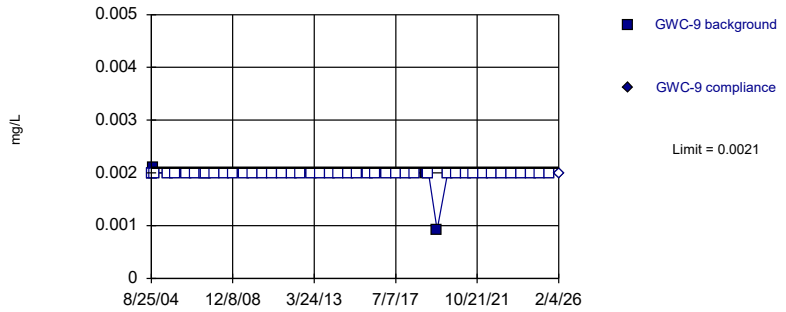
Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 93.62% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

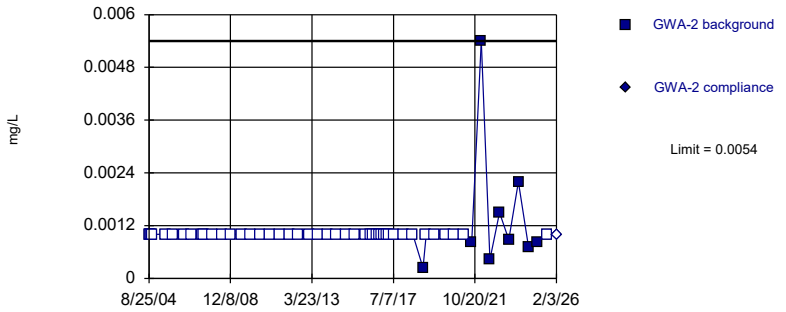
Constituent: Copper Analysis Run 4/16/2026 8:54 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 83.02% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

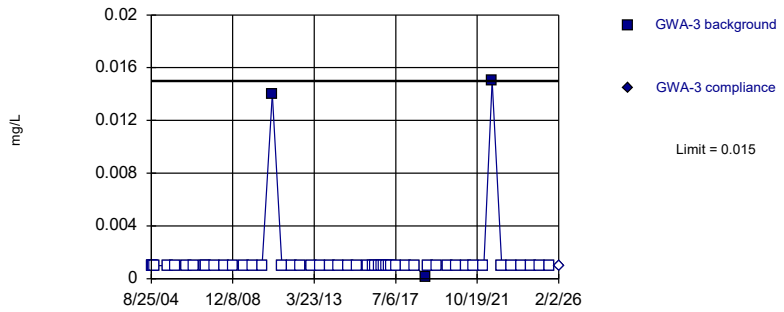
Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 94.34% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

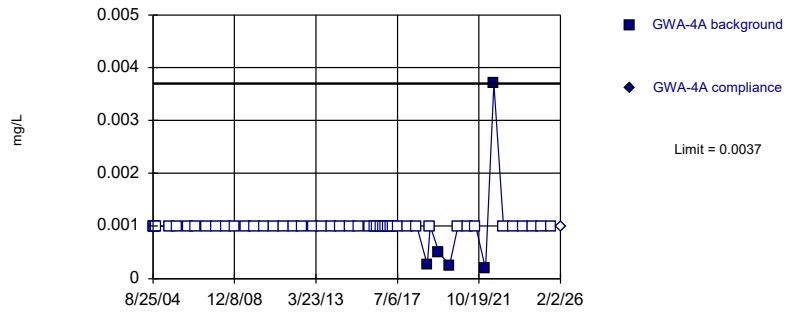
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 90.38% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

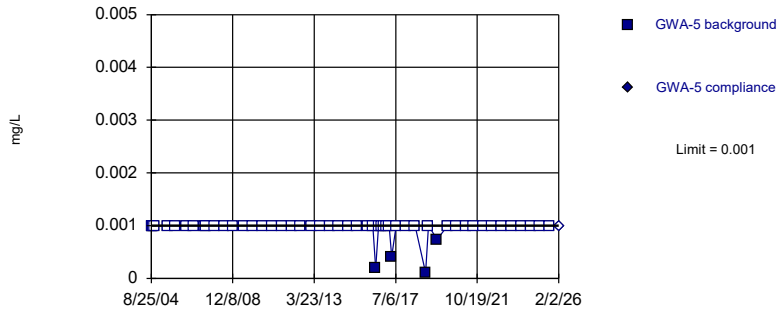
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 92.45% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

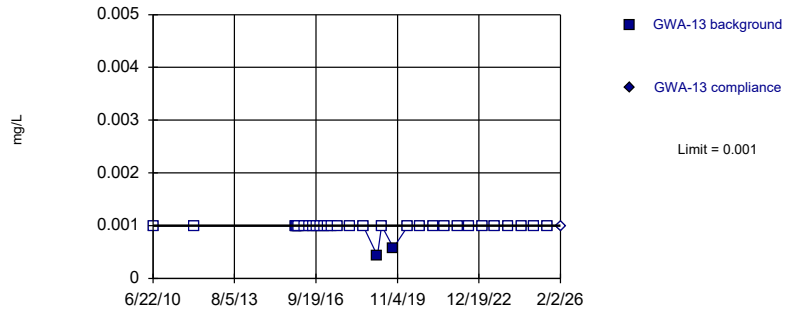
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

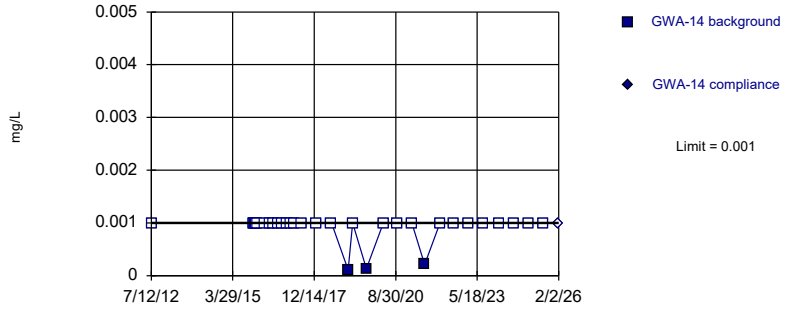
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

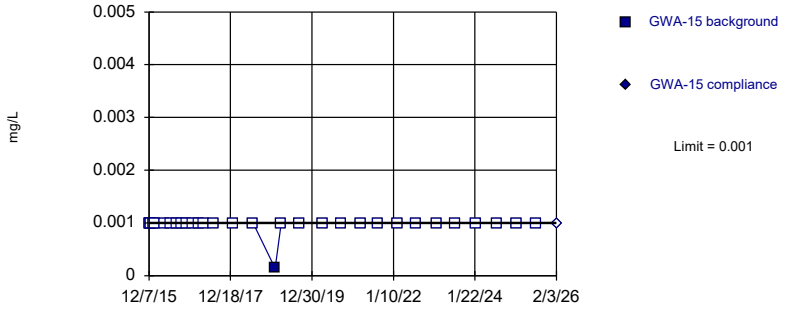
Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

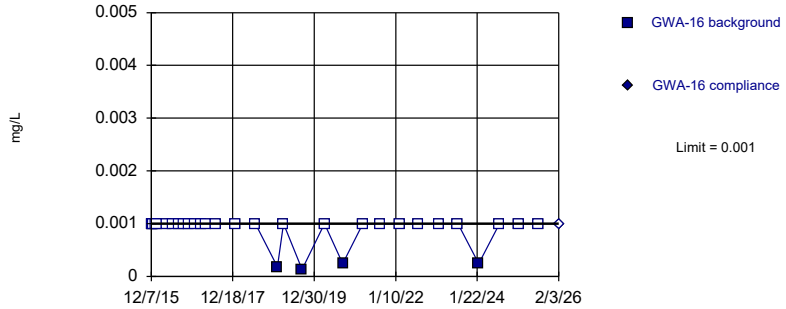
Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

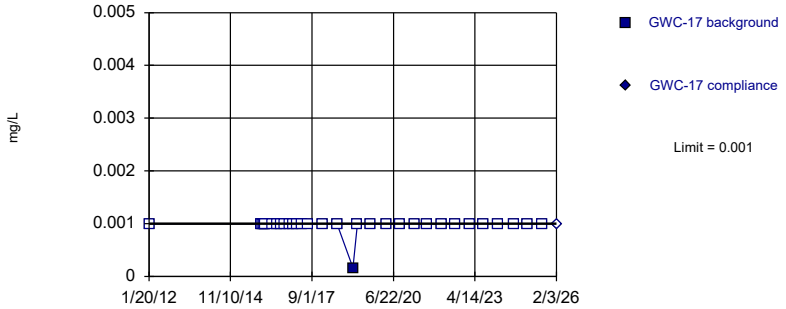
Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

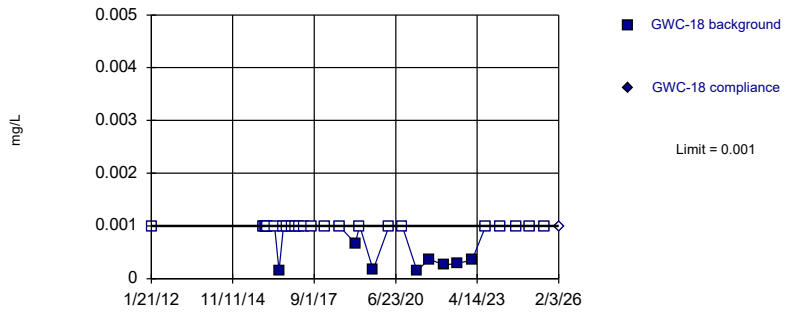
Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

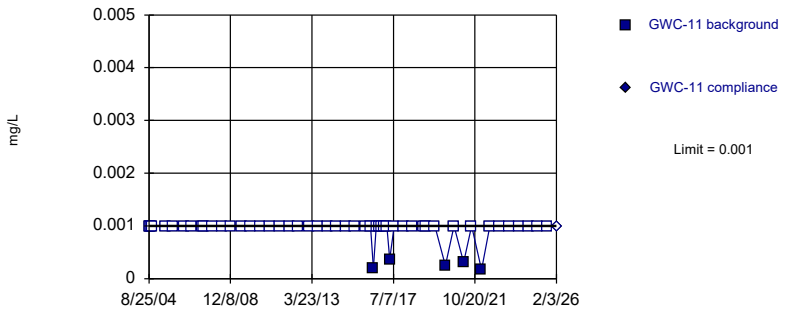
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 90.57% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

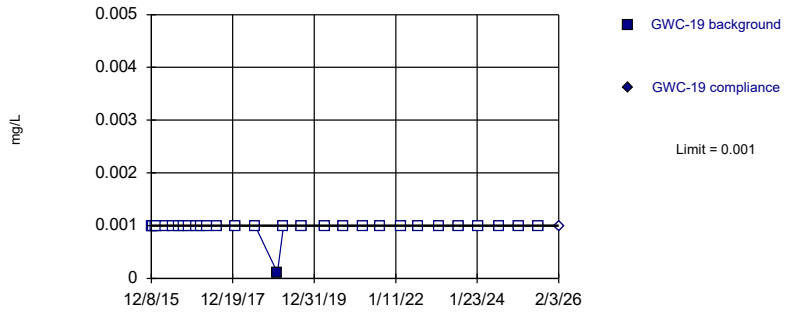
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

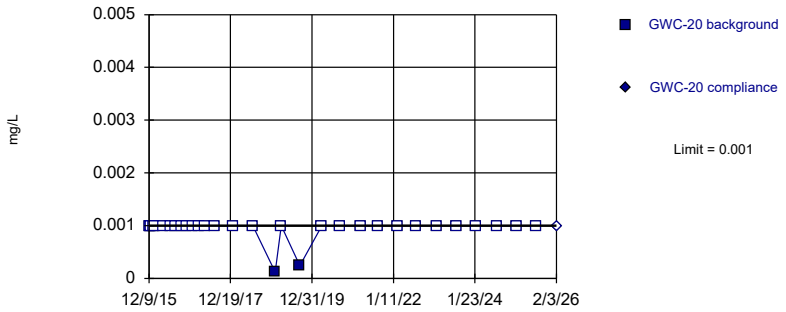
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

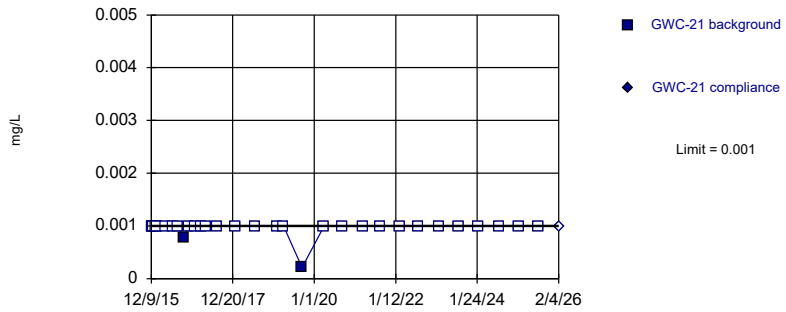
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

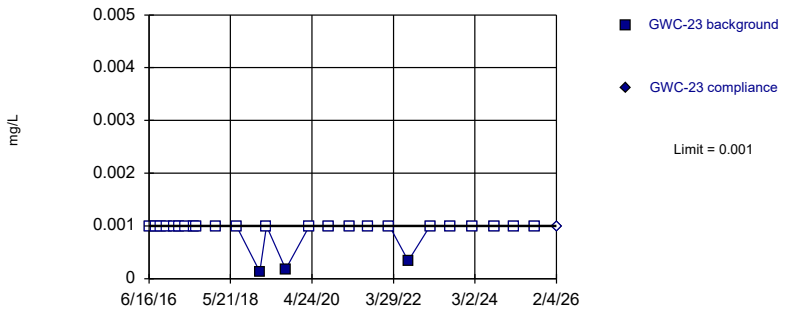
Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 88.46% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

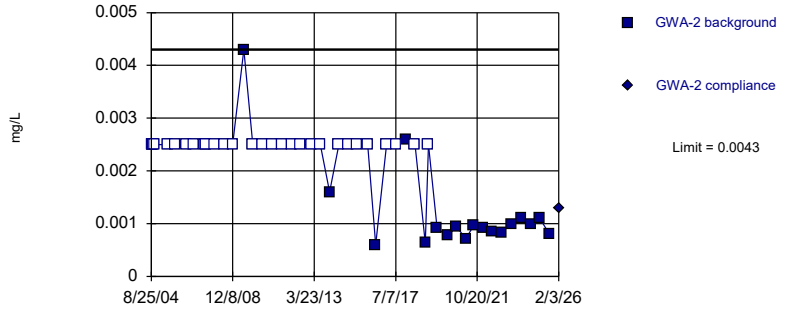
Constituent: Lead Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 61.7% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

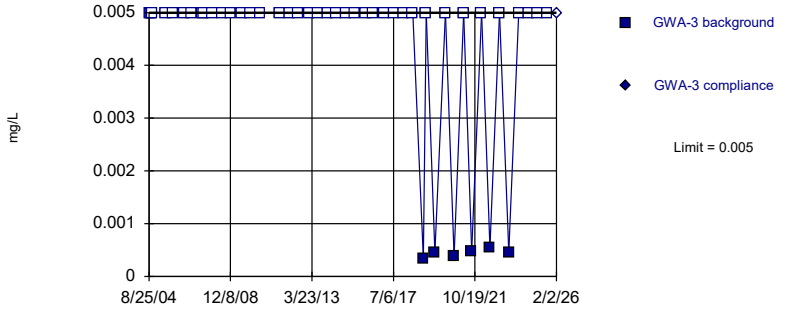
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

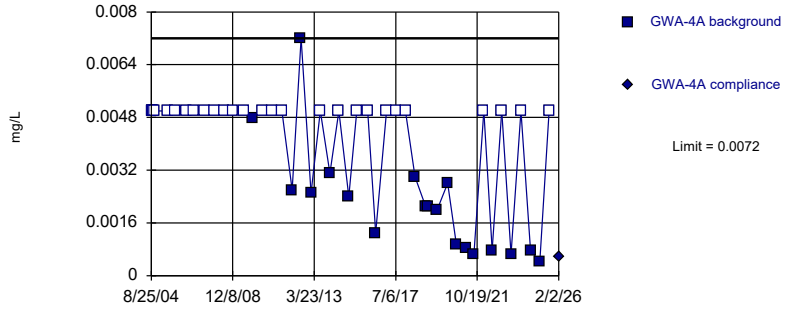
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 58.7% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

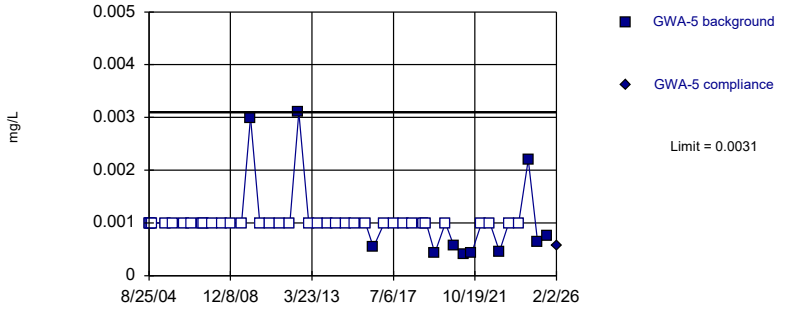
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 76.6% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

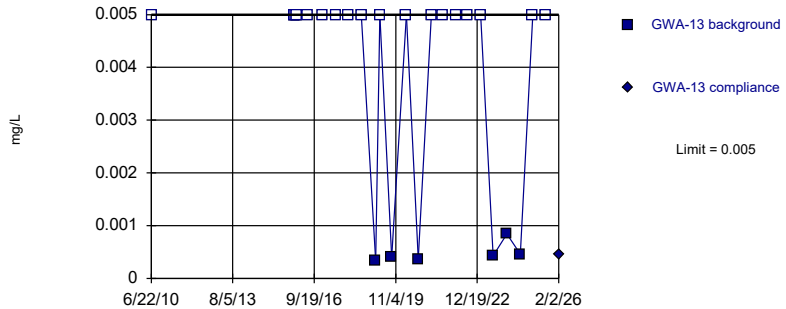
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

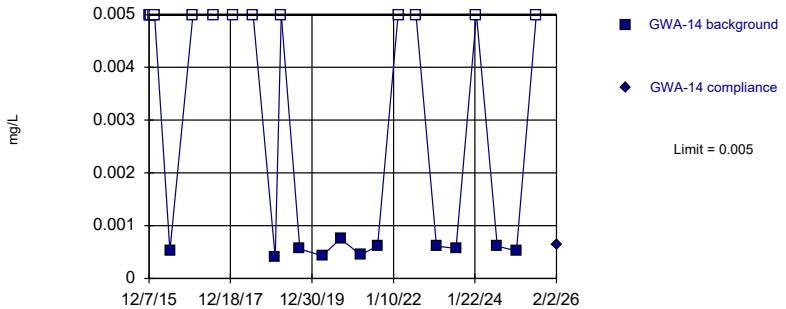
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 56% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

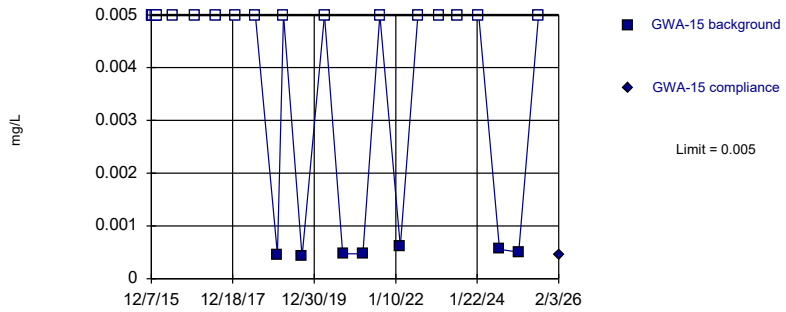
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



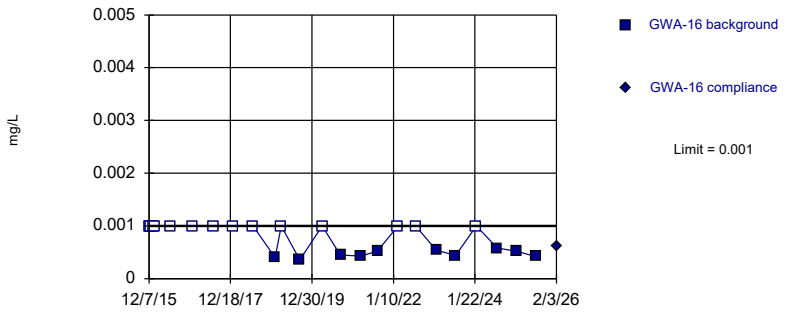
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 72% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



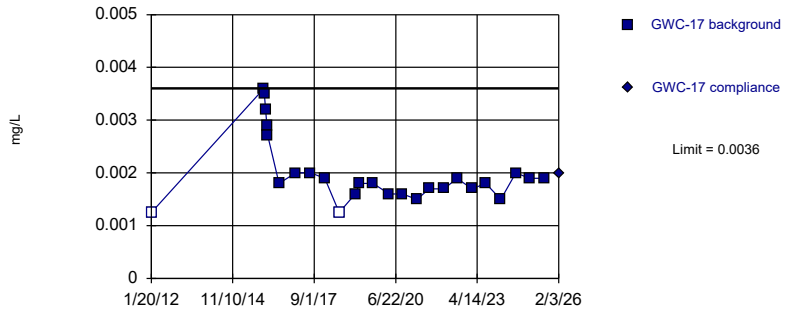
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 60% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



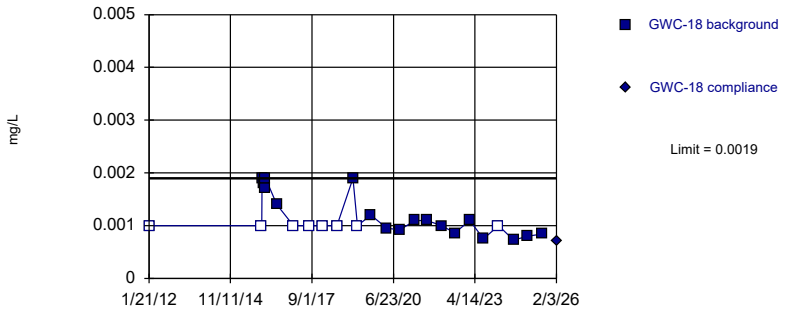
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 7.692% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 30.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

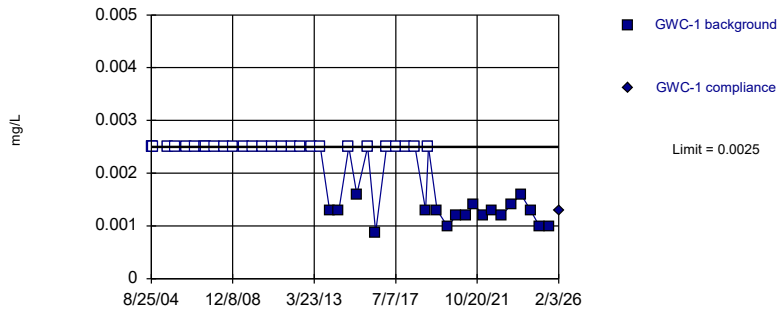
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

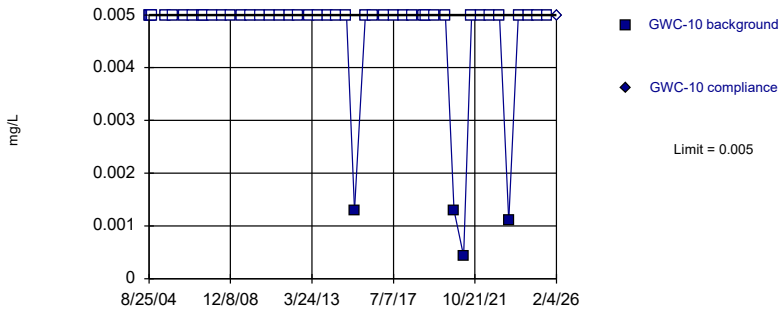
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 91.49% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

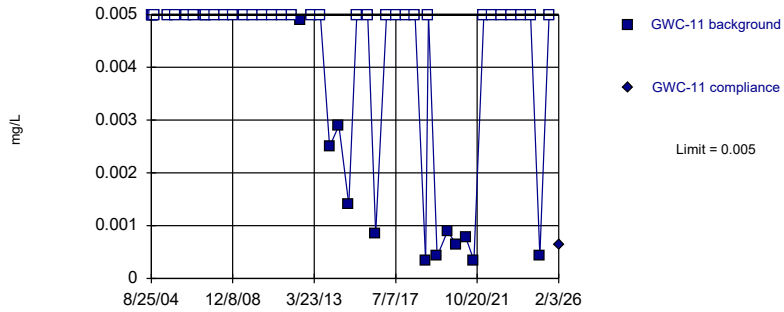
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 74.47% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

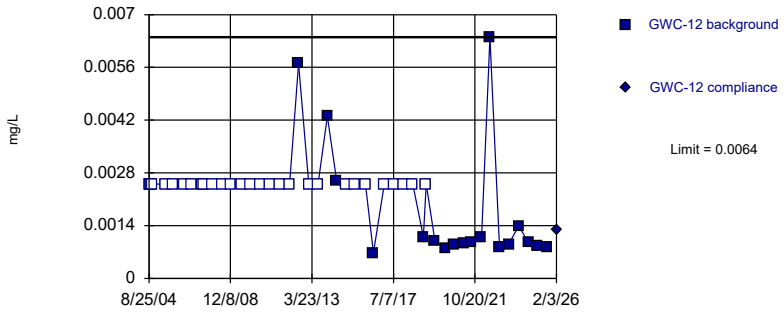
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 61.7% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

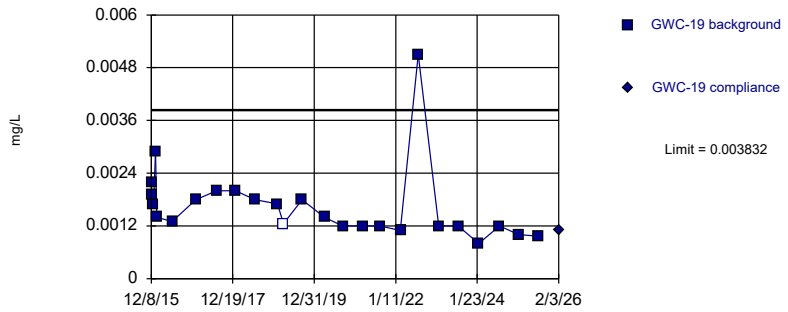
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-6.491, Std. Dev.=0.3892, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9071, critical = 0.888. Kappa = 2.38 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

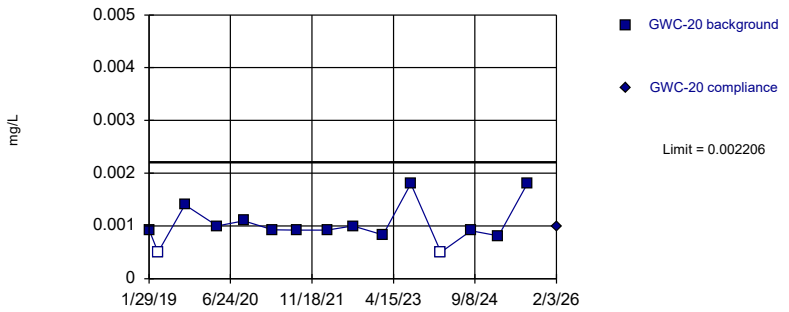
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.0315, Std. Dev.=0.005773, n=15, 13.33% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8864, critical = 0.881. Kappa = 2.68 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

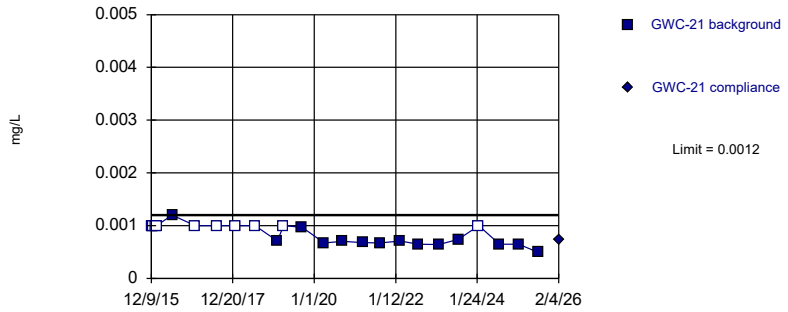
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 44% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

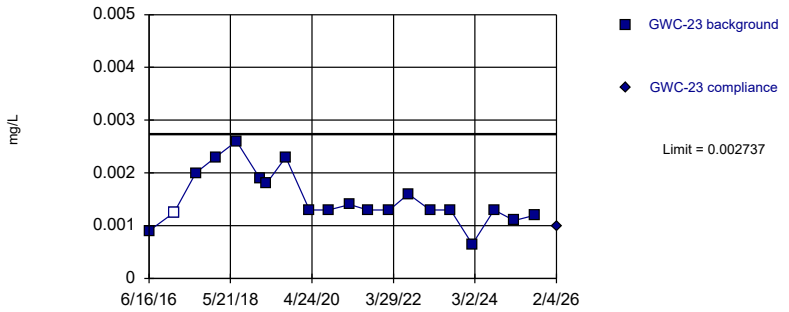
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.001505, Std. Dev.=0.0004965, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9068, critical = 0.868. Kappa = 2.481 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

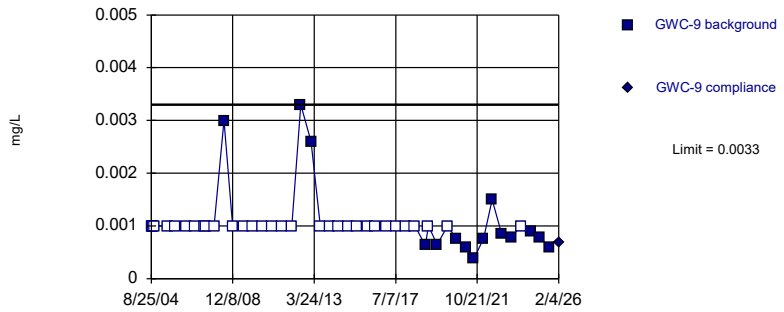
Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



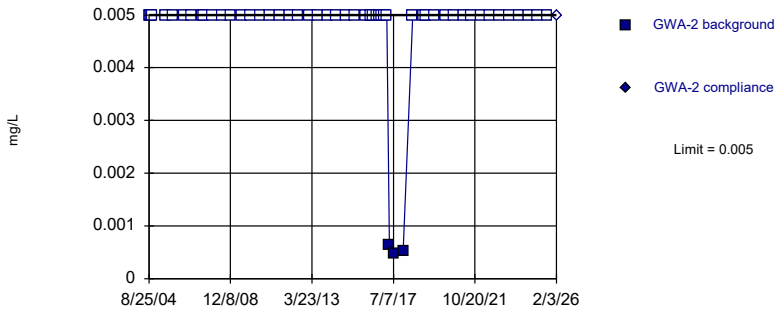
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 68.09% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

Constituent: Nickel Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



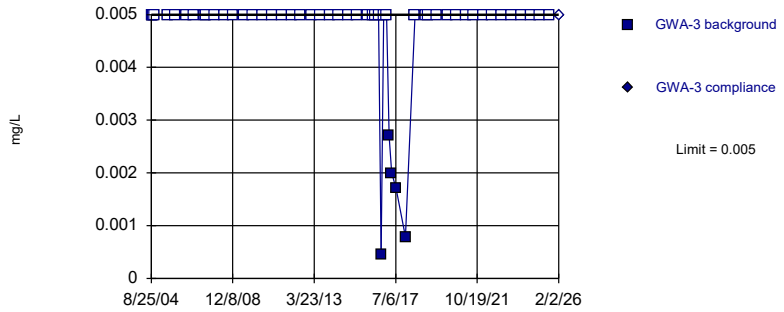
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 94.34% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



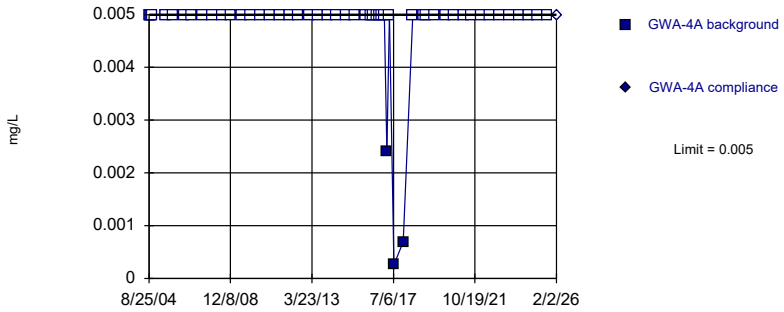
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 90.57% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 94.23% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

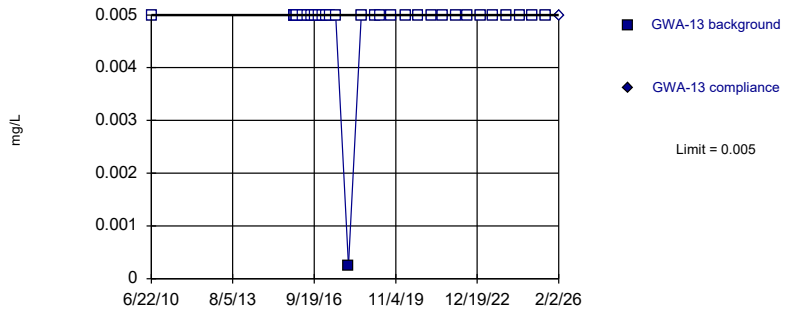
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

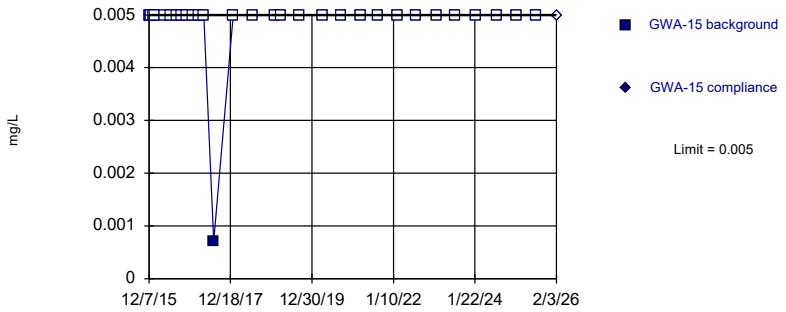
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

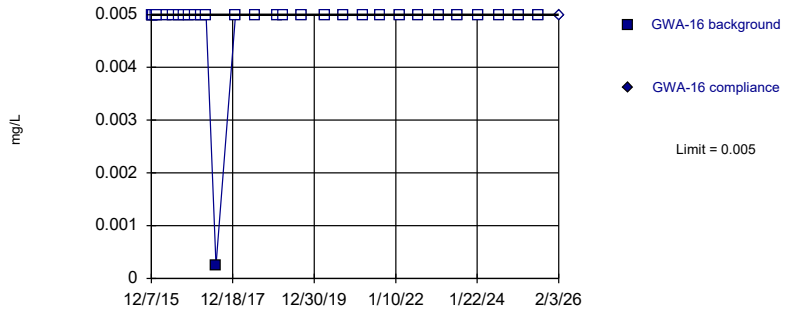
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

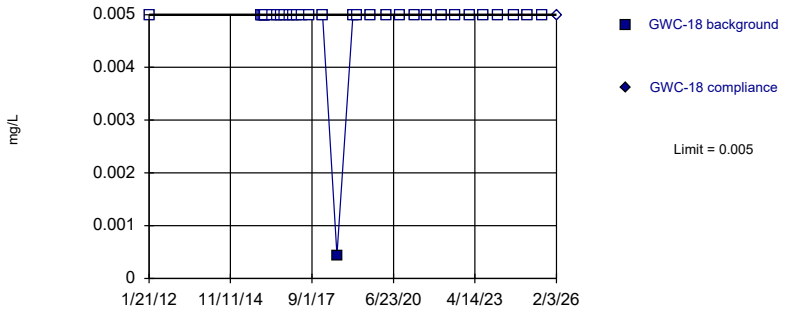
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

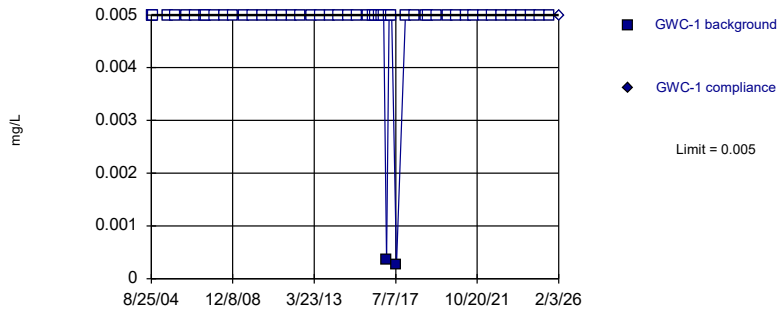
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

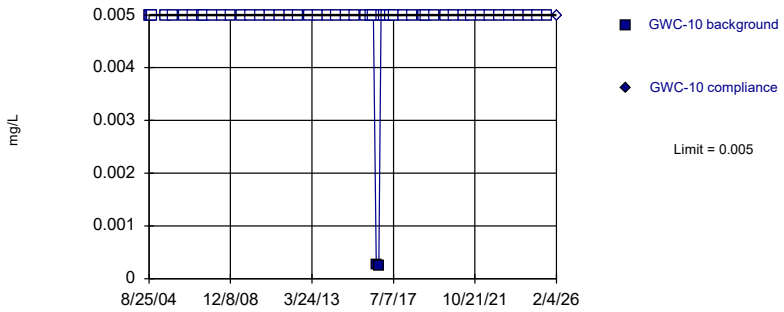
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 96.23% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

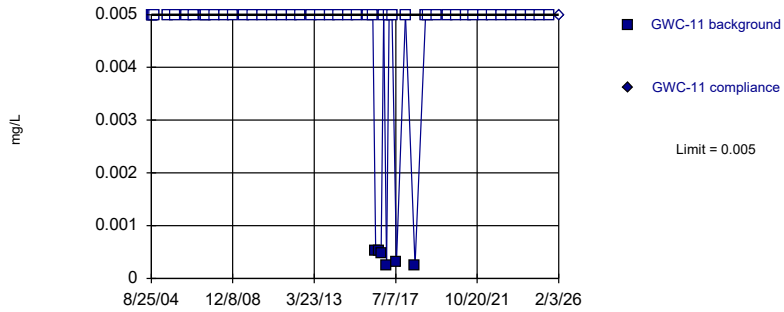
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 88.68% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

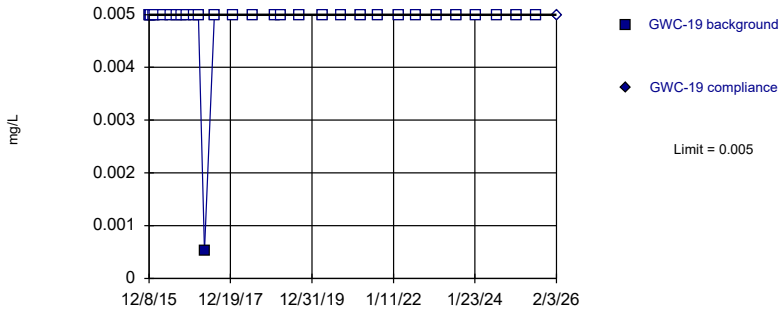
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

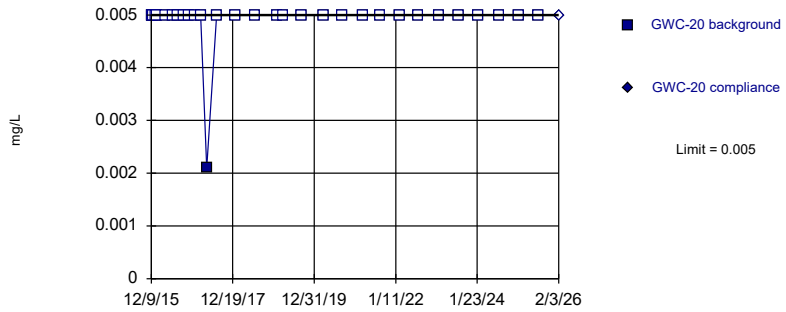
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

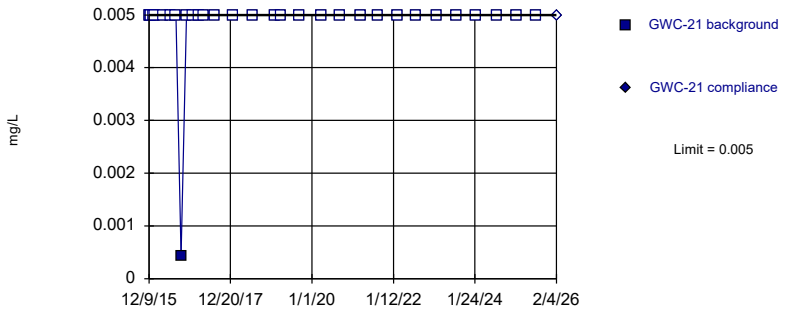
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

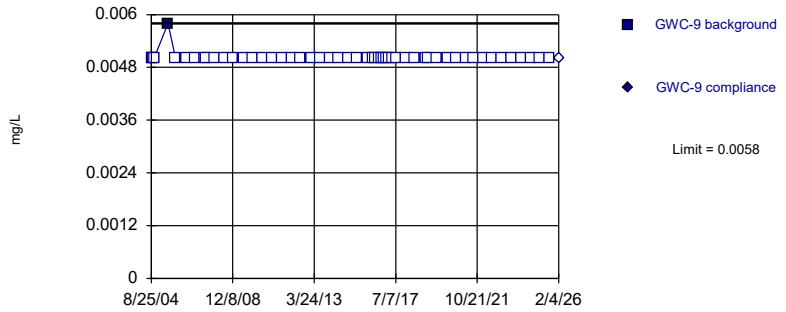
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 98.11% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

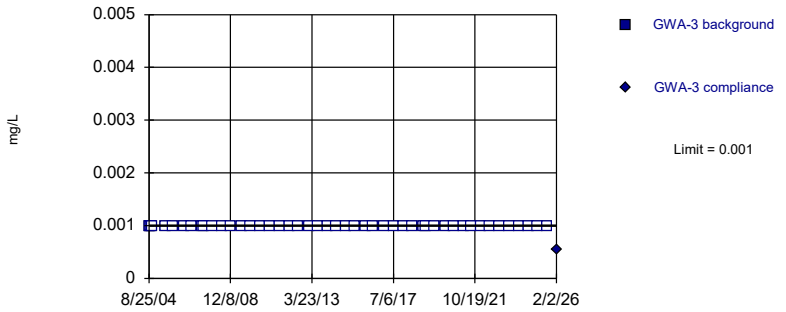
Constituent: Selenium Analysis Run 4/16/2026 8:55 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 47) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

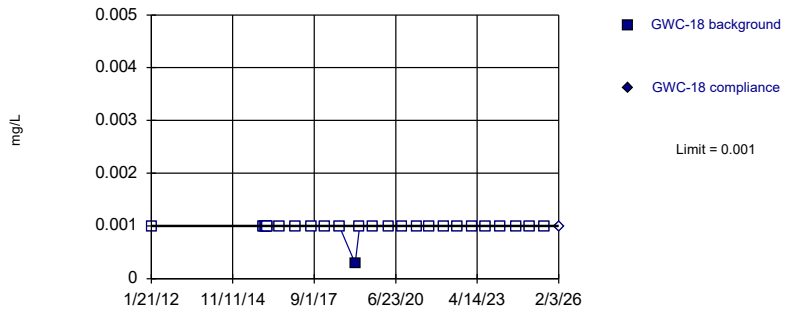
Constituent: Silver Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

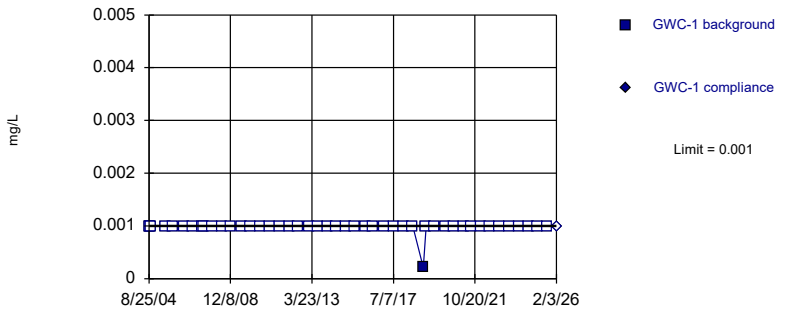
Constituent: Silver Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 97.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

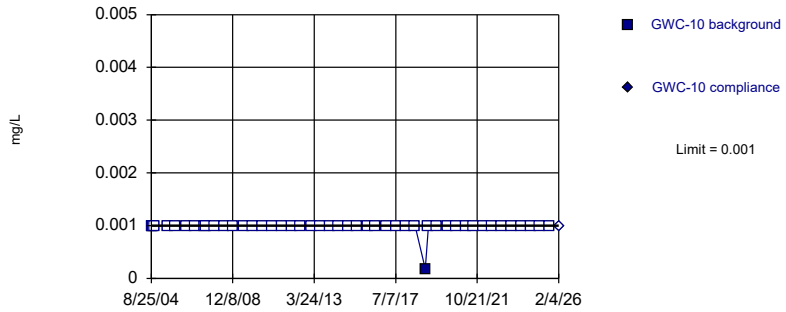
Constituent: Silver Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 97.87% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

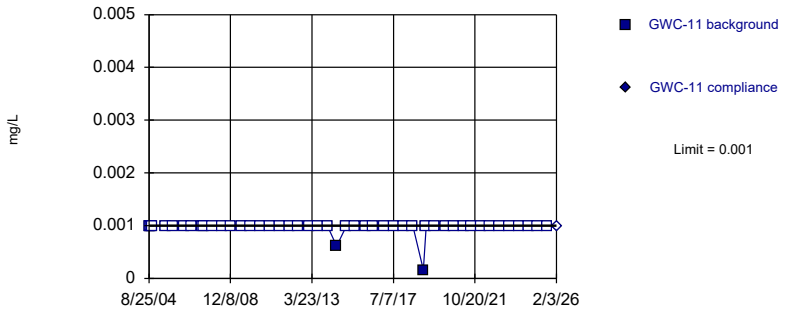
Constituent: Silver Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 95.74% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

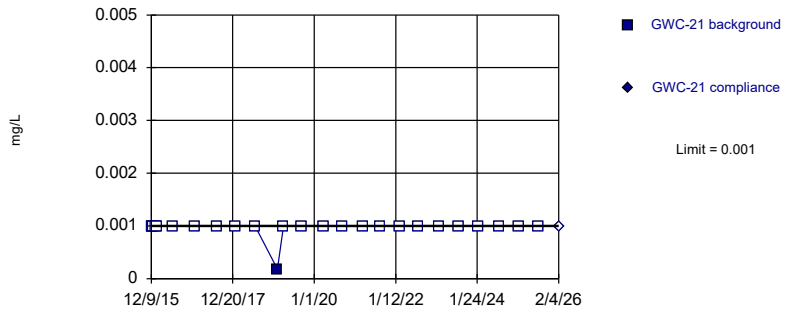
Constituent: Silver Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

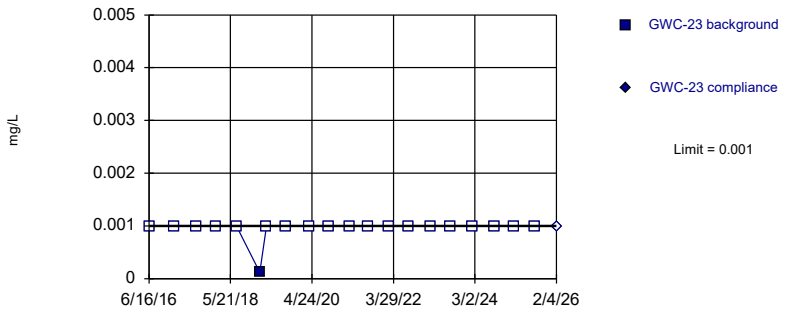
Constituent: Silver Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

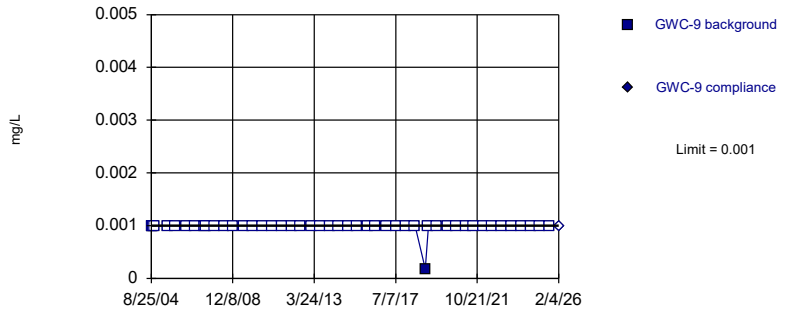
Constituent: Silver Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 97.87% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

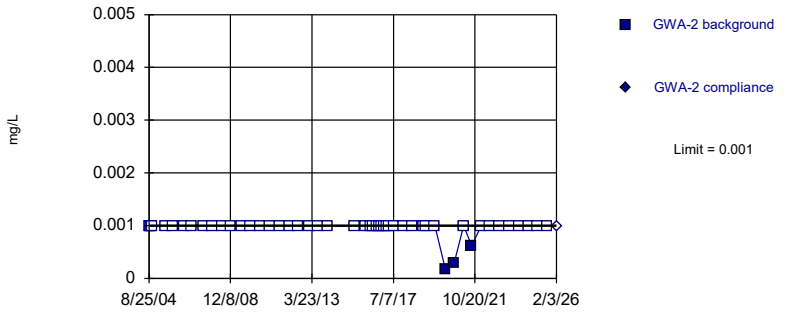
Constituent: Silver Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



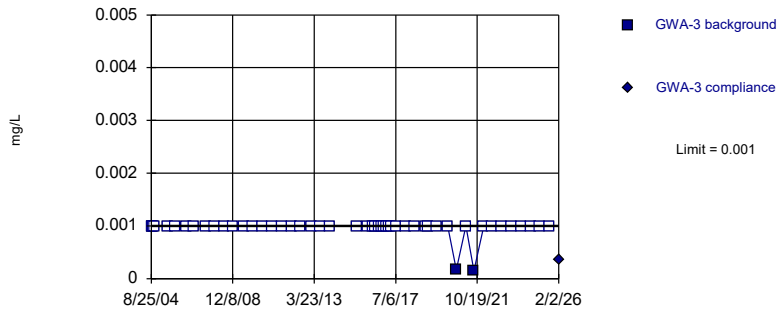
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 50 background values. 94% NDs. Well-constituent pair annual alpha = 0.001505. Individual comparison alpha = 0.0007528 (1 of 2).

Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



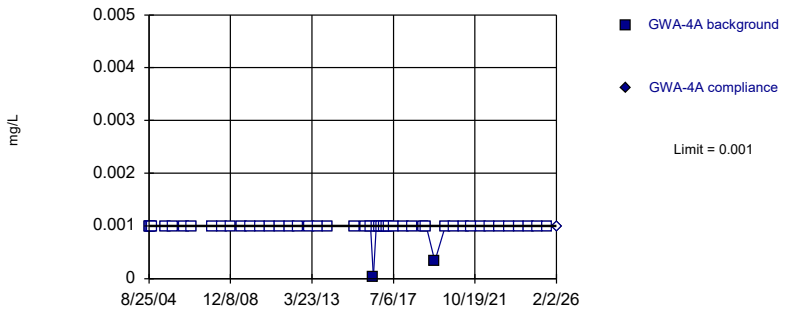
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 50 background values. 96% NDs. Well-constituent pair annual alpha = 0.001505. Individual comparison alpha = 0.0007528 (1 of 2).

Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



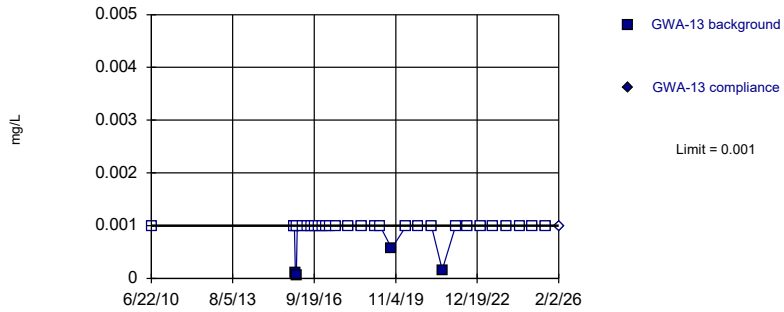
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 49 background values. 95.92% NDs. Well-constituent pair annual alpha = 0.001586. Individual comparison alpha = 0.0007934 (1 of 2).

Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



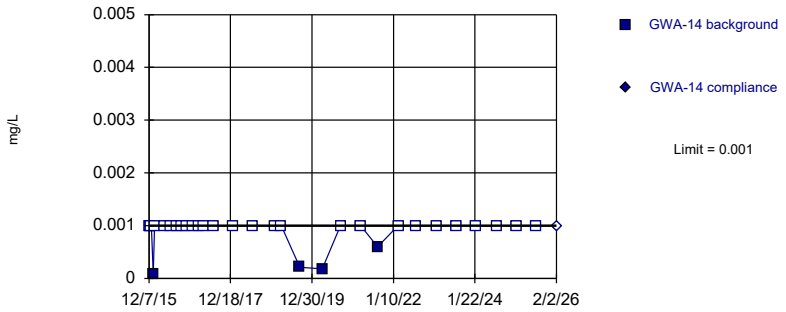
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

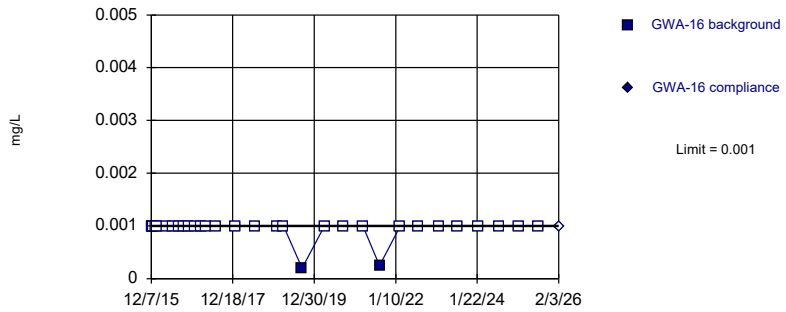
Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

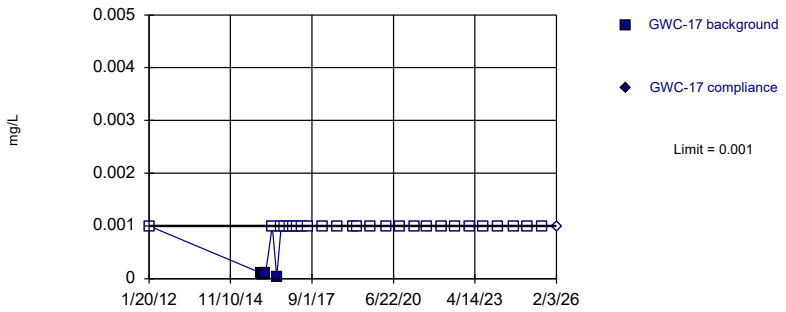
Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

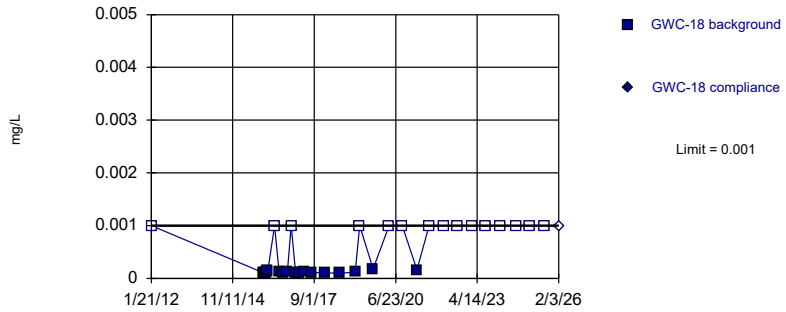
Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 46.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

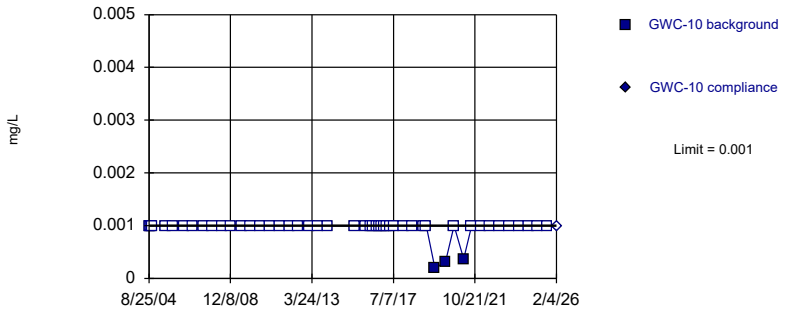
Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 50 background values. 94% NDs. Well-constituent pair annual alpha = 0.001505. Individual comparison alpha = 0.0007528 (1 of 2).

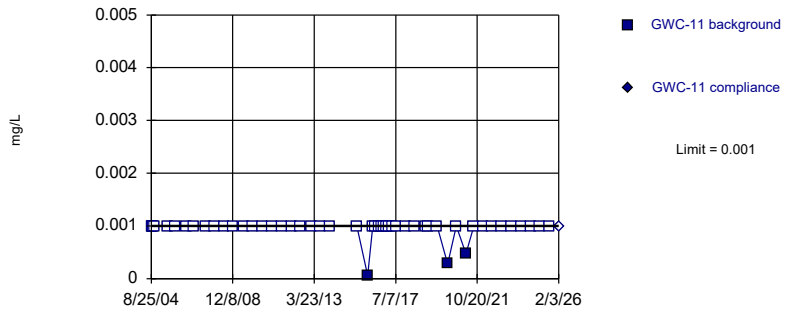
Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 50 background values. 94% NDs. Well-constituent pair annual alpha = 0.001505. Individual comparison alpha = 0.0007528 (1 of 2).

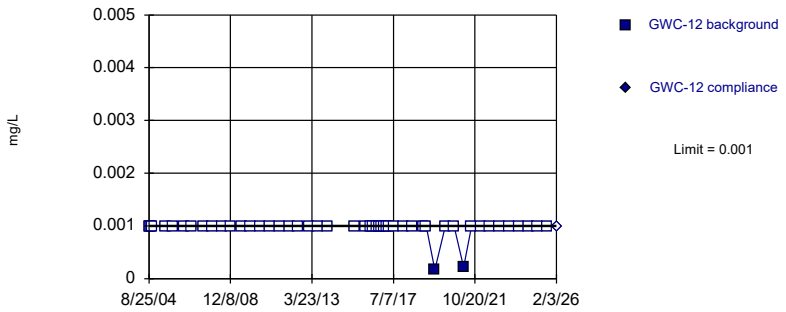
Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 50 background values. 96% NDs. Well-constituent pair annual alpha = 0.001505. Individual comparison alpha = 0.0007528 (1 of 2).

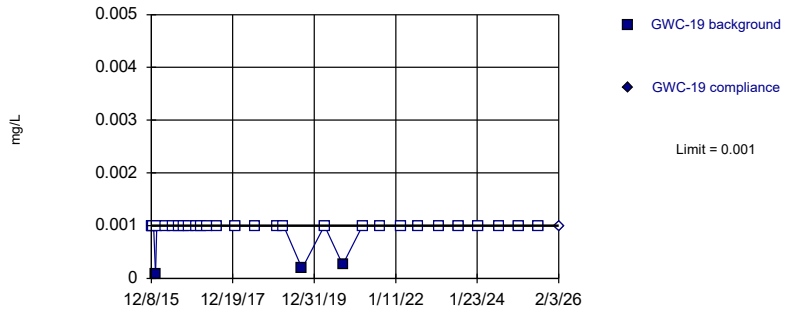
Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

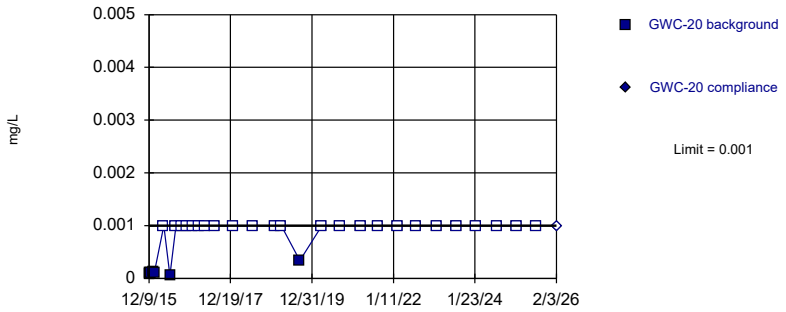
Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



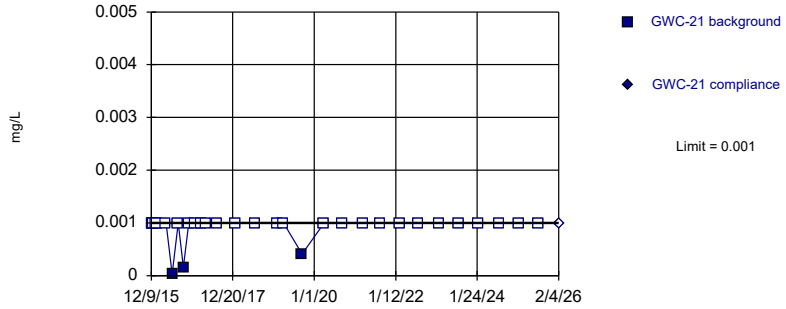
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



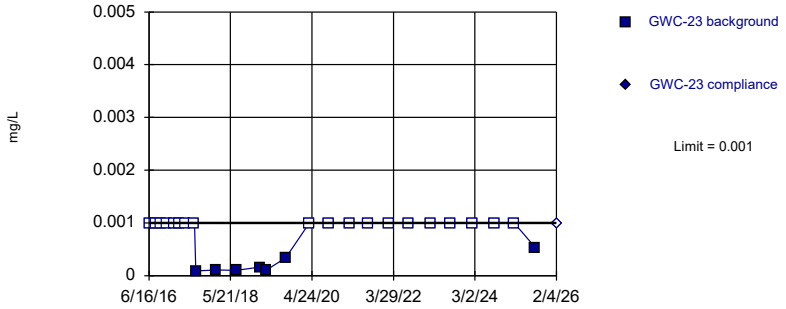
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



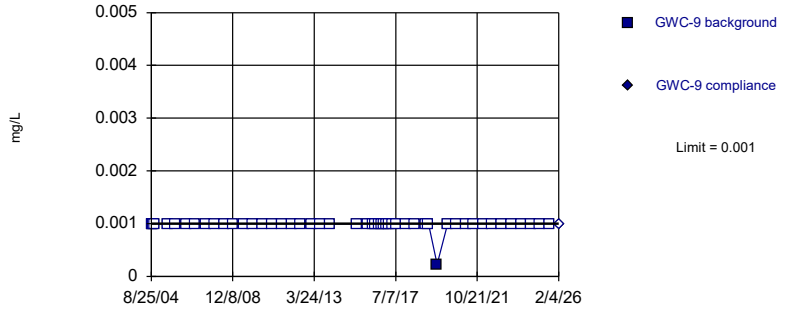
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 73.08% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



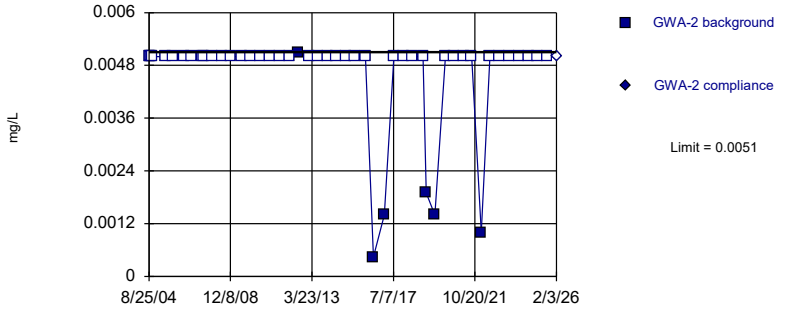
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 50 background values. 98% NDs. Well-constituent pair annual alpha = 0.001505. Individual comparison alpha = 0.0007528 (1 of 2).

Constituent: Thallium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 87.23% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

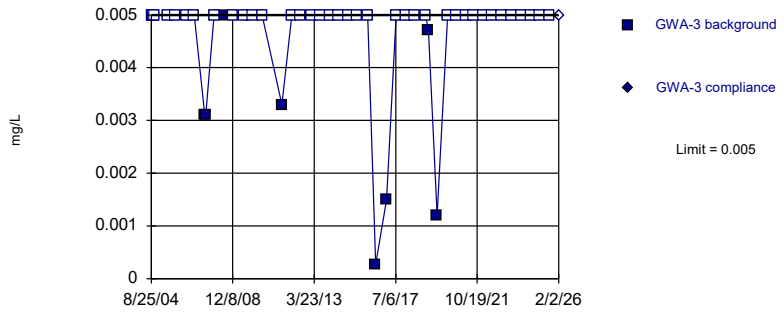
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

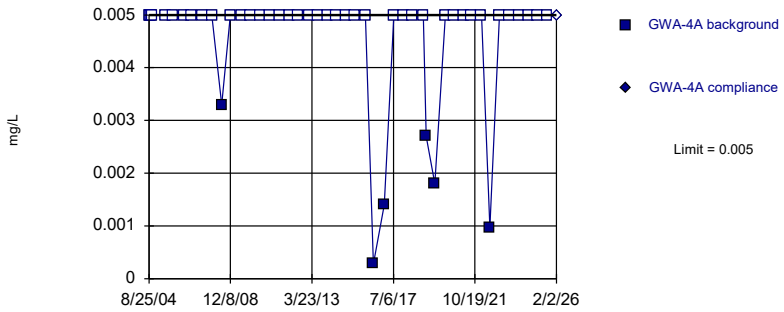
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

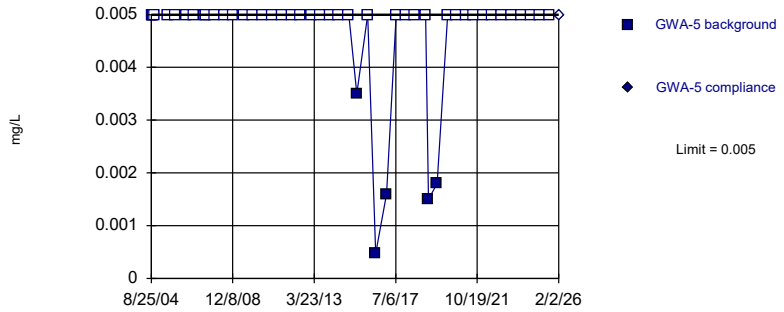
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 47 background values. 89.36% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

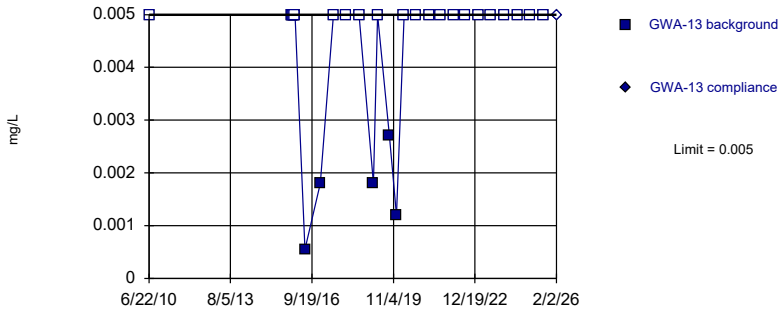
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



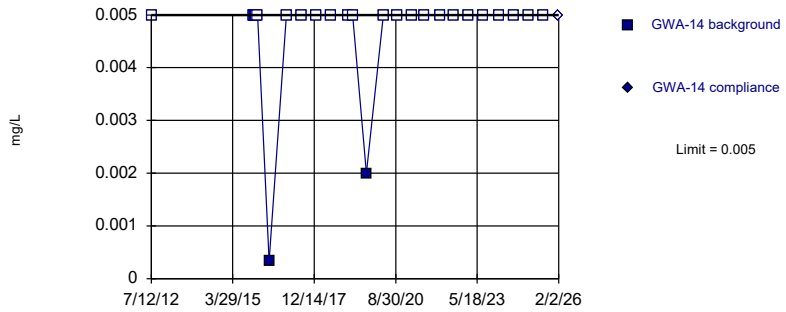
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 81.48% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



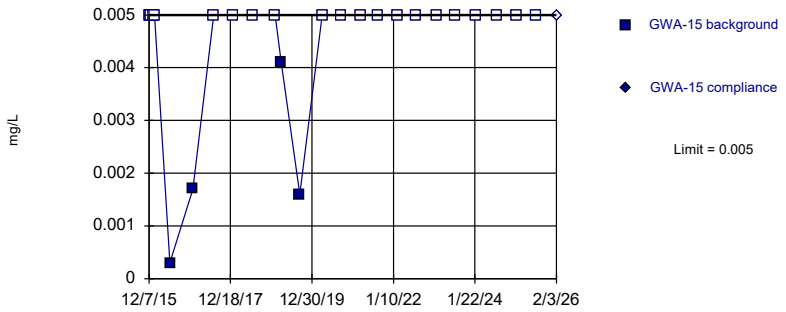
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



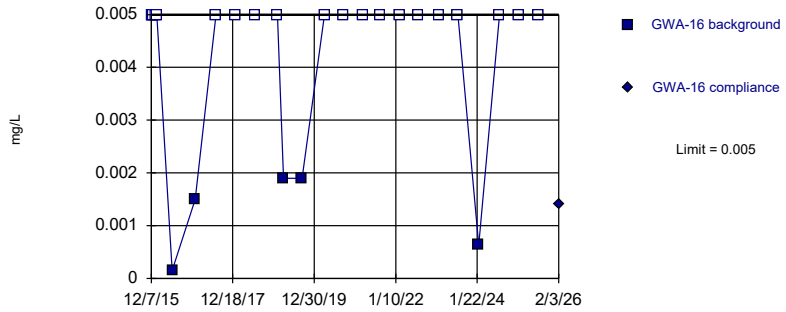
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 84% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



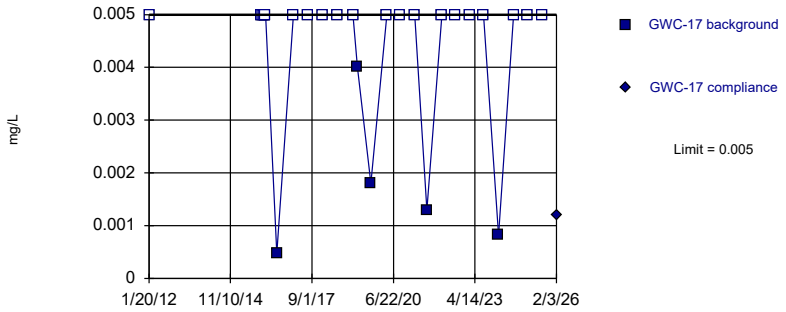
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 80% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 80.77% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

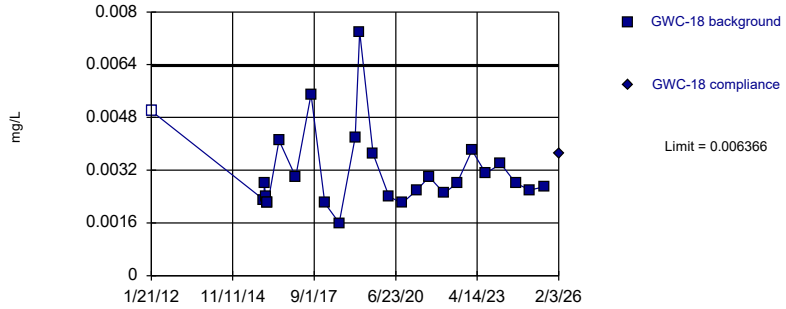
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.145, Std. Dev.=0.01706, n=26, 3.846% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.891. Kappa = 2.368 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell

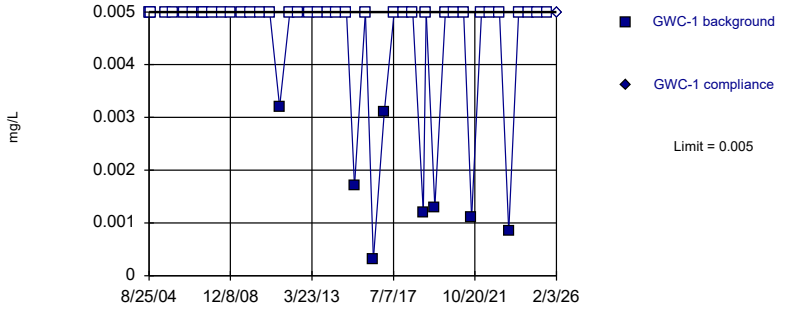
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell

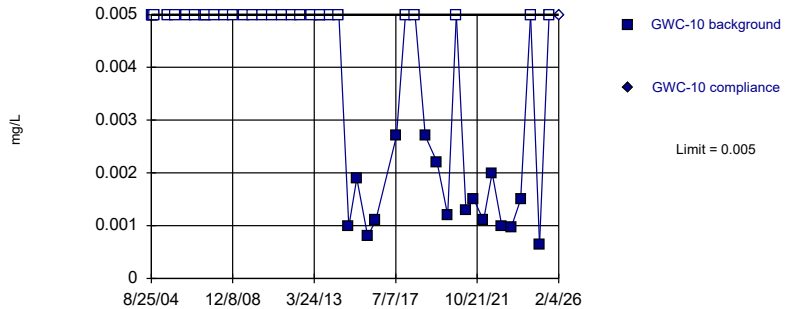
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell

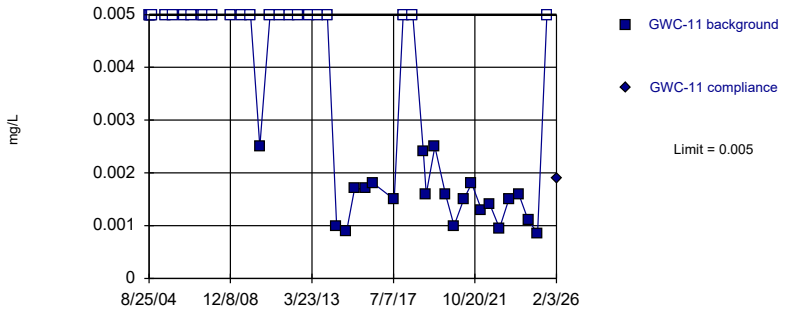
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell

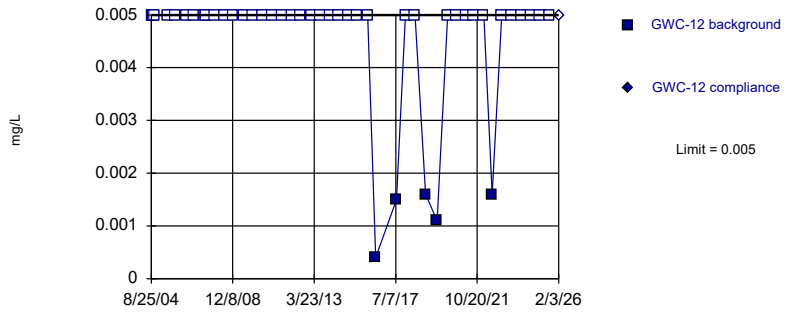
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 45 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.001911. Individual comparison alpha = 0.0009557 (1 of 2).

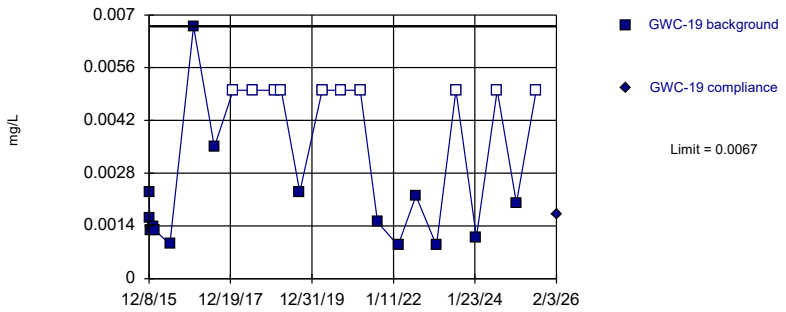
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 40% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

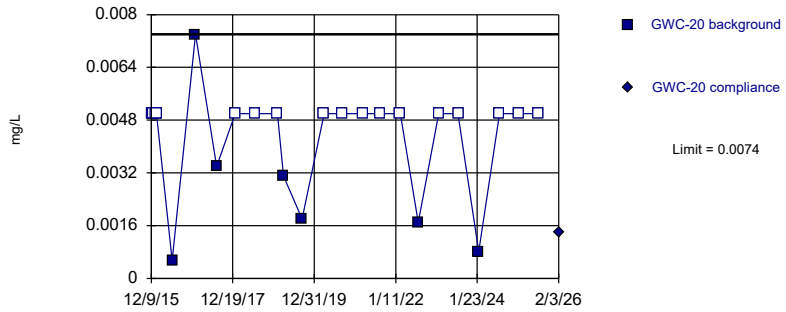
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 72% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

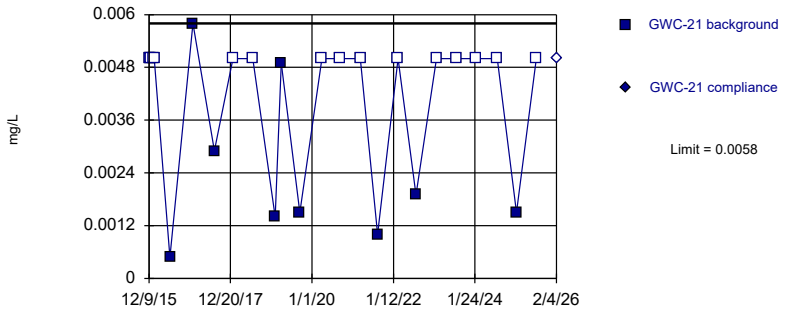
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 64% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

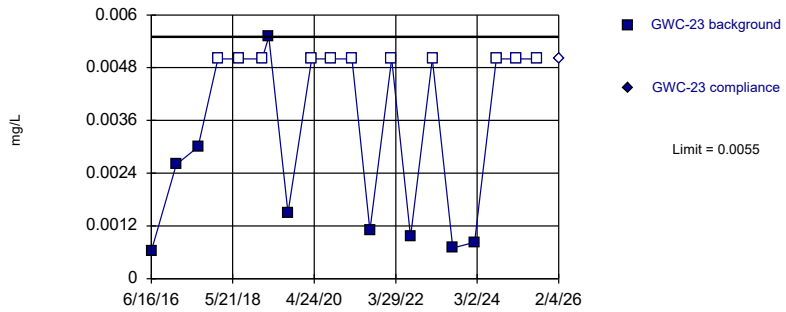
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 55% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

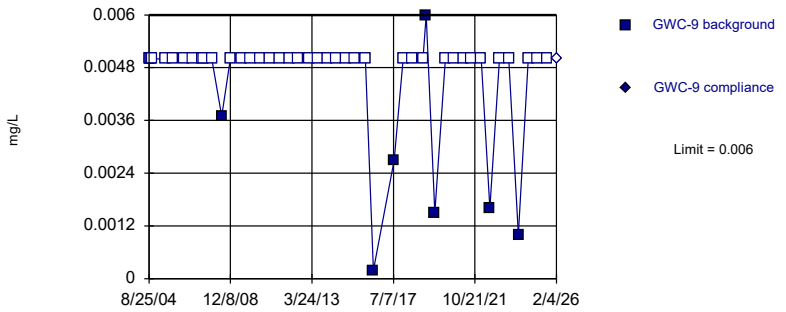
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 84.78% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

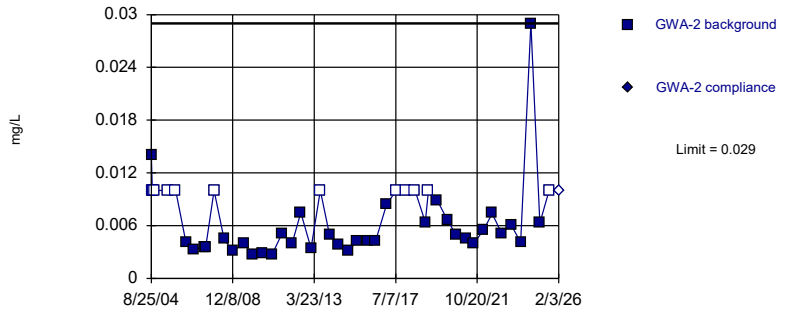
Constituent: Vanadium Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 47 background values. 25.53% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

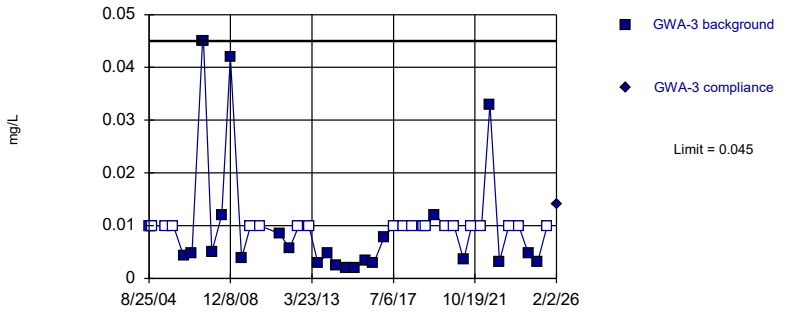
Constituent: Zinc Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 46 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

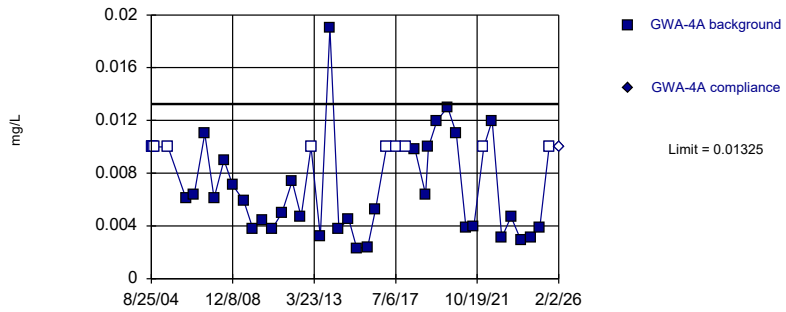
Constituent: Zinc Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.07045, Std. Dev.=0.02011, n=45, 24.44% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9273, critical = 0.926. Kappa = 2.22 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

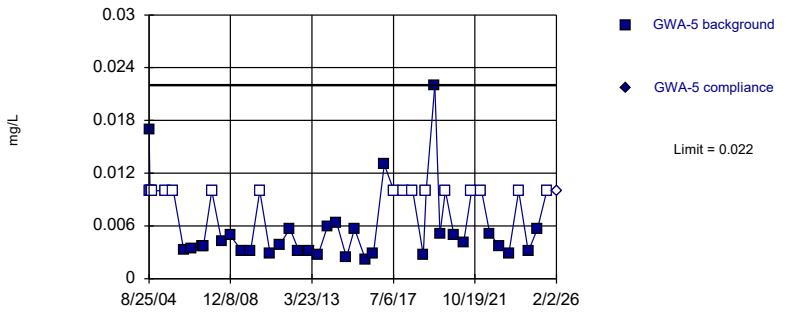
Constituent: Zinc Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 48 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.001667. Individual comparison alpha = 0.0008339 (1 of 2).

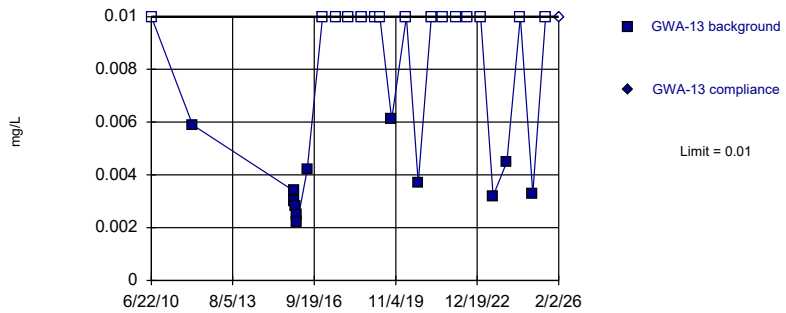
Constituent: Zinc Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 55.56% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

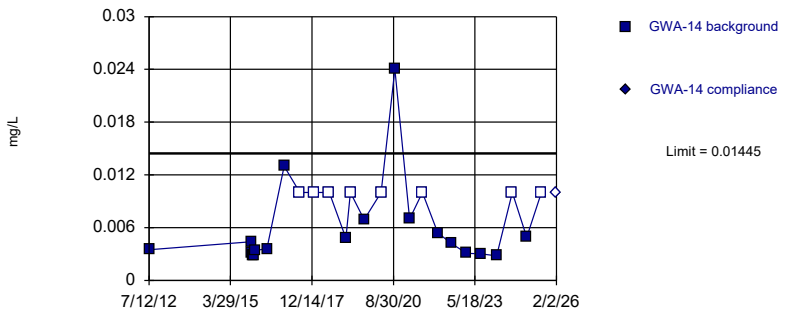
Constituent: Zinc Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.431, Std. Dev.=0.5046, n=26, 30.77% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8972, critical = 0.891. Kappa = 2.368 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

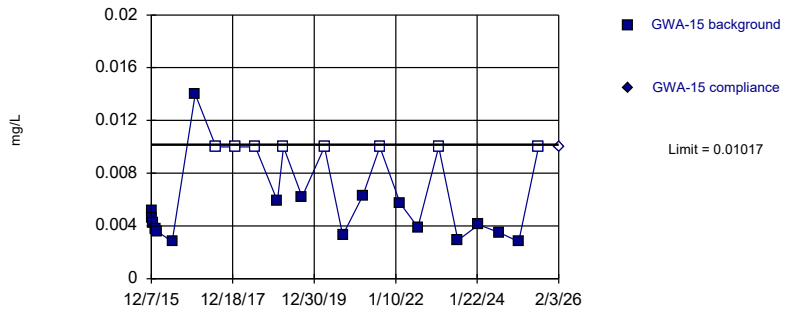
Constituent: Zinc Analysis Run 4/16/2026 8:56 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.437, Std. Dev.=0.3568, n=25, 32% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8961, critical = 0.888. Kappa = 2.38 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

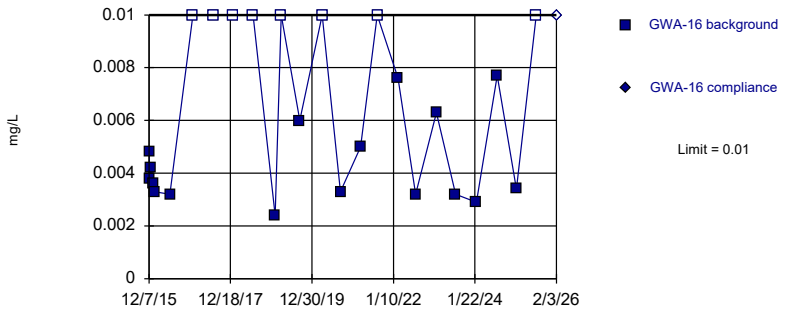
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 32% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

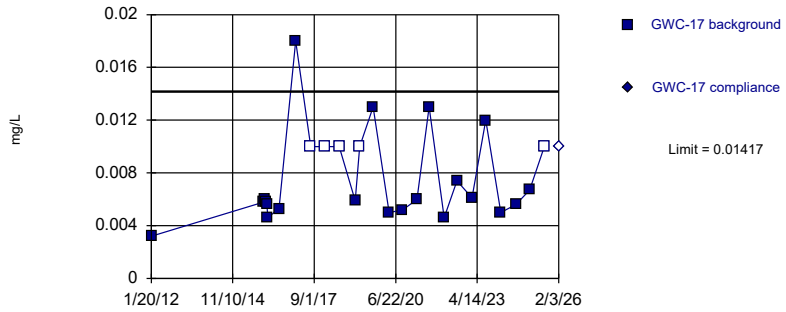
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.07667, Std. Dev.=0.01789, n=26, 19.23% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8976, critical = 0.891. Kappa = 2.368 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

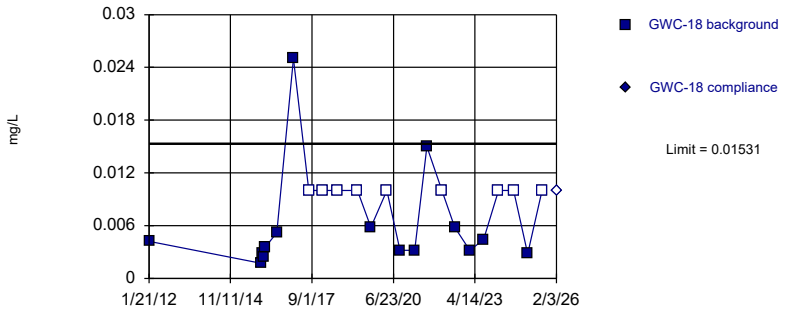
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06255, Std. Dev.=0.0257, n=25, 36% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.89, critical = 0.888. Kappa = 2.38 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

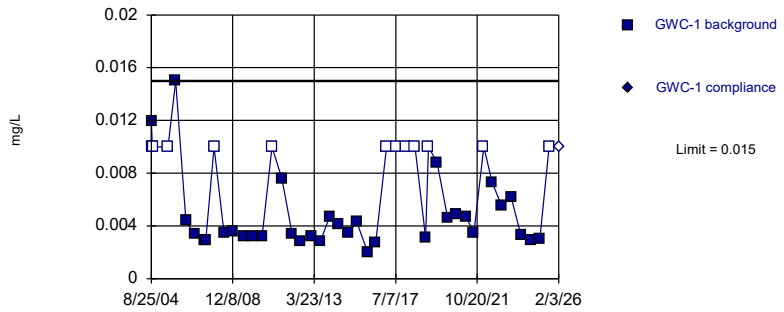
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 46 background values. 26.09% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

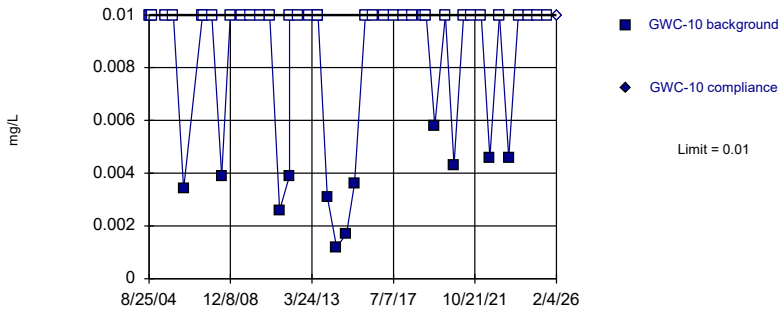
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 48 background values. 72.92% NDs. Well-constituent pair annual alpha = 0.001667. Individual comparison alpha = 0.0008339 (1 of 2).

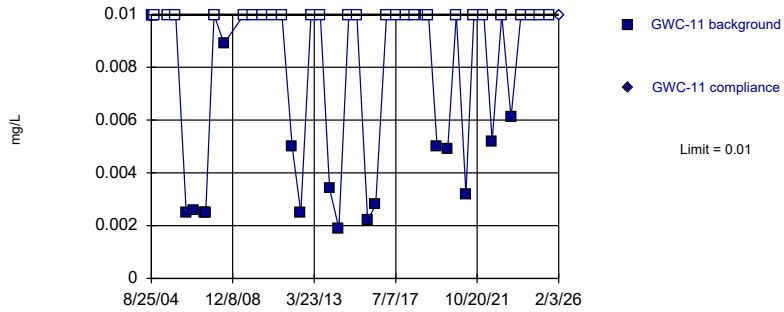
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

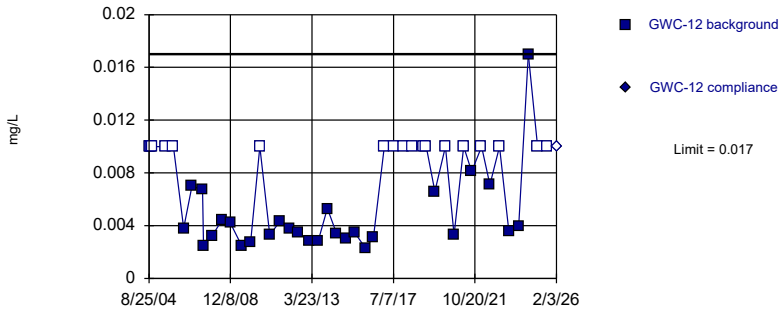
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 47 background values. 38.3% NDs. Well-constituent pair annual alpha = 0.001748. Individual comparison alpha = 0.0008745 (1 of 2).

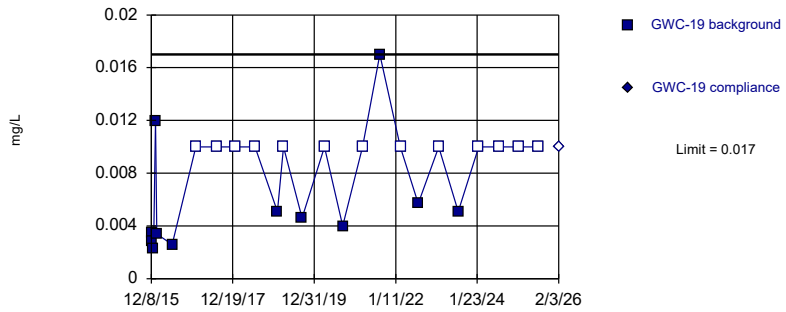
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 52% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

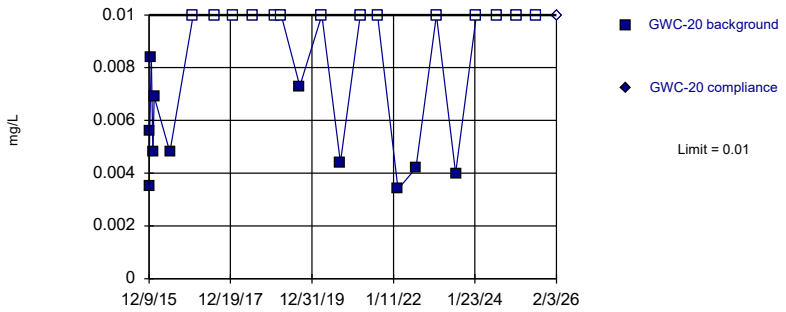
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 56% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

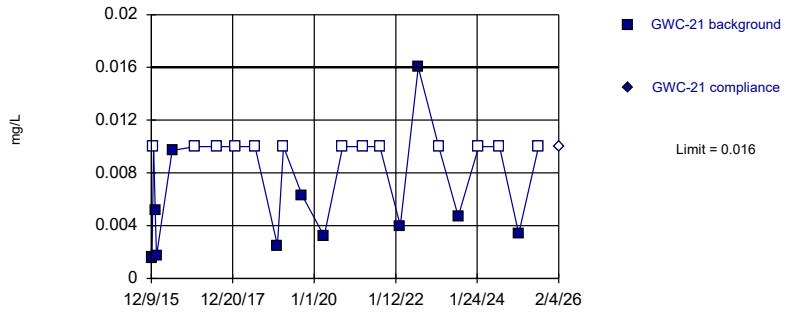
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 52% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

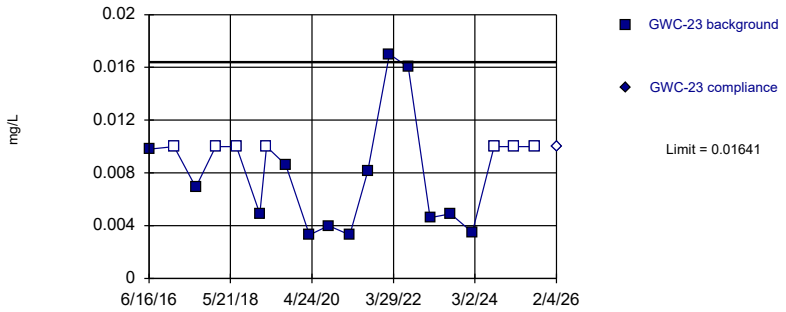
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00662, Std. Dev.=0.003944, n=20, 35% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8791, critical = 0.868. Kappa = 2.481 (c=15, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0003901.

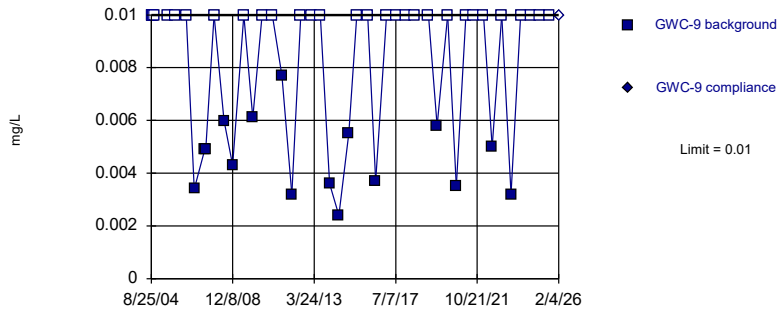
Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.001829. Individual comparison alpha = 0.0009151 (1 of 2).

Constituent: Zinc Analysis Run 4/16/2026 8:57 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/26/2016	<0.005	
11/15/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	<0.005	
4/19/2017	<0.005	
7/17/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	0.0004 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/15/2024	<0.005	
2/4/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	<0.005	
4/19/2017	<0.005	
7/18/2017	0.0022 (J)	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00081 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	<0.005	
2/2/2026		0.0058

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00052 (J)	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	0.00039 (J)	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/4/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	0.00022 (J)	
8/11/2016	<0.005	
9/28/2016	<0.005	
11/16/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	0.00057 (J)	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	0.0089 (O)	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.00061 (J)	
4/19/2017	0.00069 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.0011 (J)	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	<0.005	
2/2/2026		0.0048 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	0.00016 (J)	
8/11/2016	0.00096 (J)	
9/27/2016	0.0026	
11/14/2016	0.0017	
1/10/2017	0.0021	
2/28/2017	0.0027	
4/20/2017	0.0014	
7/18/2017	0.0012 (J)	
1/10/2018	0.00068 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0005 (J)	
9/10/2019	0.00051 (J)	
3/31/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	0.00035 (J)	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/3/2025	<0.005	
8/5/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	5E-05 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00035 (J)	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00076 (J)	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00043 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/4/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/15/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00056 (J)	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.00075 (J)	
9/11/2019	0.00033 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00036 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/26/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.00015 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00047 (J)	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.00097 (J)	
9/11/2019	0.00038 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	0.00112 (J)	
6/16/2016	0.0011 (J)	
8/11/2016	0.001 (J)	
9/28/2016	0.00062 (J)	
11/16/2016	0.00046 (J)	
1/11/2017	0.00093 (J)	
3/1/2017	0.0006 (J)	
4/25/2017	0.0011 (J)	
7/25/2017	0.001 (J)	
1/12/2018	0.00095 (J)	
7/11/2018	0.0007 (J)	
1/30/2019	0.0011 (J)	
3/27/2019	0.0019	
9/11/2019	0.0012	
4/1/2020	0.00067	
9/15/2020	0.00076 (J)	
3/17/2021	0.00072 (J)	
8/19/2021	0.00059 (J)	
2/23/2022	0.00098 (J)	
8/2/2022	0.0009 (J)	
2/7/2023	0.0011	
8/2/2023	0.001	
2/7/2024	0.0018	
8/14/2024	0.0014	
2/5/2025	0.00089 (J)	
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	0.0004 (J)	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.0004 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	0.00077 (J)	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	0.00046 (J)	
7/12/2018	<0.005	
1/30/2019	0.00082 (J)	
3/27/2019	0.0013	
9/11/2019	0.00082 (J)	
4/1/2020	0.00055 (J)	
9/15/2020	0.00041 (J)	
3/16/2021	0.00069 (J)	
8/18/2021	0.00045 (J)	
2/23/2022	0.00048 (J)	
8/3/2022	0.00052 (J)	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	0.0013	
8/14/2024	0.00099 (J)	
2/4/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	0.00117 (J)	
6/15/2016	0.0013 (J)	
8/10/2016	0.0013	
9/27/2016	0.0011 (J)	
11/15/2016	0.001 (J)	
1/12/2017	0.0016	
3/1/2017	0.00092 (J)	
4/24/2017	0.0011 (J)	
7/24/2017	0.00086 (J)	
1/11/2018	0.0012 (J)	
7/12/2018	0.001 (J)	
1/30/2019	0.0015	
3/27/2019	0.0013	
9/11/2019	0.0017	
4/2/2020	0.0014	
9/15/2020	0.0011	
3/17/2021	0.0014	
8/18/2021	0.0013	
2/23/2022	0.0013	
8/2/2022	0.0013	
2/8/2023	0.0017	
8/2/2023	0.0014	
2/7/2024	0.002	
8/14/2024	0.0018	
2/5/2025	0.0013	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025	<0.005	
2/3/2026		0.0013 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	0.00062 (J)	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/20/2017	0.00053 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.0011 (J)	
9/11/2019	0.00032 (J)	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/8/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	0.00026 (J)	
8/10/2016	<0.005	
9/28/2016	<0.005	
11/15/2016	<0.005	
1/16/2017	0.00067 (J)	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00057 (J)	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	0.00028 (J)	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	0.00092 (J)	
8/14/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.00014 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	0.00046 (J)	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00066 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	0.0022 (J)	
1/14/2016	0.002 (J)	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.00046 (J)	
8/10/2016	<0.005	
9/27/2016	0.00084 (J)	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/25/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.00074 (J)	
9/11/2019	0.00064 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/4/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/5/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.00043 (J)	
8/10/2016	0.0021	
9/28/2016	0.0011 (J)	
11/16/2016	0.0011 (J)	
1/17/2017	0.00064 (J)	
3/2/2017	<0.005	
4/25/2017	0.0007 (J)	
7/13/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.00034 (J)	
3/27/2019	0.00079 (J)	
9/11/2019	0.00051 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/4/2022	0.00053 (J)	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/19/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	0.00055 (J)	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.00073 (J)	
9/11/2019	0.00044 (J)	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	0.00095 (J)	
8/14/2024	<0.005	
2/5/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	0.018	
9/11/2004	0.019	
9/26/2004	0.02	
10/13/2004	0.017	
7/11/2005	0.012	
12/7/2005	0.014	
6/23/2006	0.018	
11/28/2006	0.015	
6/19/2007	0.014	
7/6/2007	0.014	
12/13/2007	0.014	
6/20/2008	0.018	
12/7/2008	0.013	
7/9/2009	0.019	
12/28/2009	0.012	
6/22/2010	0.02	
1/4/2011	0.02	
7/9/2011	0.028	
1/21/2012	0.026	
7/11/2012	0.038	
1/20/2013	0.025	
7/19/2013	0.018	
1/15/2014	0.026	
7/11/2014	0.029	
1/16/2015	0.021	
6/20/2015	0.031	
1/16/2016	0.031	
4/19/2016	0.0305	
6/14/2016	0.03	
8/9/2016	0.032	
9/26/2016	0.031	
11/15/2016	0.033	
1/10/2017	0.031	
2/28/2017	0.033	
4/19/2017	0.032	
7/17/2017	0.033	
1/10/2018	0.034	
7/11/2018	0.035	
1/29/2019	0.034	
3/27/2019	0.03	
9/11/2019	0.034	
4/1/2020	0.037	
9/15/2020	0.036	
3/16/2021	0.035	
8/17/2021	0.037	
2/22/2022	0.038	
8/2/2022	0.032	
2/7/2023	0.033	
8/1/2023	0.037	
2/6/2024	0.038	
8/15/2024	0.036	
2/4/2025	0.045	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025	0.032	
2/3/2026		0.035

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	0.025	
9/11/2004	0.015	
9/26/2004	0.017	
10/13/2004	0.017	
7/11/2005	0.012	
12/7/2005	0.012	
6/23/2006	0.016	
11/28/2006	0.017	
6/19/2007	0.1 (o)	
7/6/2007	0.1 (O)	
12/13/2007	0.01	
6/20/2008	0.026	
12/7/2008	0.097 (O)	
7/9/2009	0.01	
12/28/2009	0.0091	
6/22/2010	0.011	
1/5/2011	0.21 (O)	
7/9/2011	0.035	
1/20/2012	0.021	
7/11/2012	0.009	
1/19/2013	0.01	
7/18/2013	0.014	
1/15/2014	0.016	
7/11/2014	0.016	
1/15/2015	0.014	
6/19/2015	0.013	
1/16/2016	0.021	
4/19/2016	0.0217	
6/14/2016	0.024	
8/9/2016	0.023	
9/27/2016	0.016	
11/14/2016	0.014	
1/10/2017	0.015	
2/28/2017	0.017	
4/19/2017	0.013	
7/18/2017	0.012	
1/10/2018	0.016	
7/11/2018	0.015	
1/29/2019	0.017	
3/27/2019	0.014	
9/11/2019	0.015	
4/1/2020	0.014	
9/15/2020	0.015	
3/16/2021	0.015	
8/17/2021	0.015	
2/22/2022	0.015	
8/2/2022	0.012	
2/7/2023	0.012	
8/2/2023	0.015	
2/6/2024	0.012	
8/13/2024	0.014	
2/4/2025	0.012	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	0.013	
2/2/2026		0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	0.0096	
9/11/2004	0.024	
9/26/2004	0.027	
10/13/2004	0.022	
7/12/2005	0.029	
12/8/2005	0.023	
6/24/2006	0.026	
11/28/2006	0.039	
6/19/2007	0.037	
12/13/2007	0.029	
6/20/2008	0.037	
12/7/2008	0.025	
7/9/2009	0.028	
12/30/2009	0.017	
6/22/2010	0.032	
1/4/2011	0.02	
7/10/2011	0.032	
1/21/2012	0.026	
7/11/2012	0.023	
1/20/2013	0.011	
7/19/2013	0.018	
1/16/2014	0.015	
7/10/2014	0.025	
1/16/2015	0.022	
6/20/2015	0.015	
1/14/2016	0.016	
4/20/2016	0.0234	
6/14/2016	0.019	
8/11/2016	0.024	
9/27/2016	0.035	
11/14/2016	0.034	
1/10/2017	0.021	
2/28/2017	0.021	
4/20/2017	0.019	
7/18/2017	0.018	
1/10/2018	0.021	
7/11/2018	0.029	
1/29/2019	0.025	
3/26/2019	0.023	
9/10/2019	0.026	
3/31/2020	0.017	
9/16/2020	0.016	
3/17/2021	0.014	
8/19/2021	0.013	
2/23/2022	0.015	
8/3/2022	0.032	
2/7/2023	0.015	
8/1/2023	0.016	
2/6/2024	0.019	
8/13/2024	0.016	
2/3/2025	0.022	
8/5/2025	0.012	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
2/2/2026		0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	0.016	
9/11/2004	0.02	
9/26/2004	0.016	
10/13/2004	0.014	
7/12/2005	0.014	
12/8/2005	0.014	
6/24/2006	0.019	
11/28/2006	0.016	
6/19/2007	0.018	
7/6/2007	0.018	
12/14/2007	0.015	
6/20/2008	0.018	
12/7/2008	0.016	
7/9/2009	0.019	
12/29/2009	0.02	
6/22/2010	0.027	
1/4/2011	0.025	
7/9/2011	0.022	
1/21/2012	0.024	
7/11/2012	0.024	
1/19/2013	0.026	
7/18/2013	0.024	
1/15/2014	0.026	
7/10/2014	0.036	
1/15/2015	0.035	
6/19/2015	0.066	
1/14/2016	0.059	
4/20/2016	0.0553	
6/14/2016	0.035	
8/9/2016	0.035	
9/27/2016	0.038	
11/15/2016	0.039	
1/11/2017	0.037	
2/28/2017	0.042	
4/20/2017	0.04	
7/18/2017	0.04	
1/10/2018	0.048	
7/11/2018	0.044	
1/29/2019	0.05	
3/26/2019	0.046	
9/10/2019	0.044	
3/31/2020	0.044	
9/15/2020	0.041	
3/17/2021	0.04	
8/19/2021	0.038	
2/22/2022	0.041	
8/2/2022	0.043	
2/7/2023	0.039	
8/1/2023	0.041	
2/6/2024	0.039	
8/13/2024	0.036	
2/4/2025	0.035	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025	0.032	
2/2/2026		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	0.0083	
1/20/2012	0.051 (o)	
12/7/2015	0.015	
12/15/2015	0.015	
12/29/2015	0.016	
1/13/2016	0.017	
1/25/2016	0.017	
4/20/2016	0.0144	
6/14/2016	0.015	
8/9/2016	0.013	
9/27/2016	0.015	
11/15/2016	0.015	
1/12/2017	0.012	
2/28/2017	0.016	
4/20/2017	0.015	
7/18/2017	0.015	
1/10/2018	0.015	
7/11/2018	0.015	
1/29/2019	0.019	
3/26/2019	0.016	
9/10/2019	0.03	
3/31/2020	0.015	
9/15/2020	0.014	
3/16/2021	0.018	
8/18/2021	0.018	
2/22/2022	0.019	
8/2/2022	0.016	
2/6/2023	0.016	
8/1/2023	0.019	
2/6/2024	0.019	
8/13/2024	0.019	
2/4/2025	0.023	
8/5/2025	0.015	
2/2/2026		0.021

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	0.077 (o)	
12/7/2015	0.018	
12/15/2015	0.017	
12/29/2015	0.018	
1/13/2016	0.018	
1/25/2016	0.018	
4/20/2016	0.0143	
6/14/2016	0.012	
8/9/2016	0.011	
9/27/2016	0.01	
11/15/2016	0.012	
1/11/2017	0.011	
2/28/2017	0.011	
4/20/2017	0.011	
7/19/2017	0.012	
1/11/2018	0.012	
7/11/2018	0.012	
1/29/2019	0.013	
3/26/2019	0.012	
9/10/2019	0.016	
4/1/2020	0.013	
9/15/2020	0.012	
3/16/2021	0.013	
8/17/2021	0.014	
2/22/2022	0.014	
8/2/2022	0.014	
2/7/2023	0.014	
8/2/2023	0.014	
2/6/2024	0.016	
8/13/2024	0.017	
2/4/2025	0.019	
8/4/2025	0.014	
2/2/2026		0.015

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	0.027	
12/15/2015	0.028	
12/28/2015	0.026	
1/13/2016	0.026	
1/25/2016	0.027	
4/21/2016	0.0262	
6/15/2016	0.024	
8/9/2016	0.023	
9/27/2016	0.023	
11/15/2016	0.023	
1/11/2017	0.022	
2/28/2017	0.023	
4/20/2017	0.024	
7/19/2017	0.025	
1/11/2018	0.023	
7/11/2018	0.025	
1/29/2019	0.027	
3/26/2019	0.028	
9/11/2019	0.023	
4/1/2020	0.026	
9/15/2020	0.023	
3/17/2021	0.028	
8/19/2021	0.022	
2/22/2022	0.026	
8/2/2022	0.023	
2/7/2023	0.025	
8/1/2023	0.024	
2/6/2024	0.029	
8/13/2024	0.026	
2/4/2025	0.028	
8/5/2025	0.025	
2/3/2026		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	0.027	
12/14/2015	0.028	
12/28/2015	0.029	
1/13/2016	0.028	
1/25/2016	0.027	
4/20/2016	0.0259	
6/15/2016	0.024	
8/9/2016	0.023	
9/27/2016	0.021	
11/15/2016	0.023	
1/11/2017	0.021	
3/1/2017	0.022	
4/20/2017	0.022	
7/19/2017	0.024	
1/11/2018	0.022	
7/11/2018	0.023	
1/29/2019	0.026	
3/26/2019	0.023	
9/10/2019	0.039	
4/1/2020	0.022	
9/15/2020	0.024	
3/16/2021	0.025	
8/17/2021	0.024	
2/22/2022	0.026	
8/2/2022	0.029	
2/7/2023	0.026	
8/1/2023	0.031	
2/6/2024	0.028	
8/13/2024	0.028	
2/4/2025	0.026	
8/5/2025	0.023	
2/3/2026		0.027

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	0.013	
12/8/2015	0.021	
12/14/2015	0.021	
12/28/2015	0.02	
1/13/2016	0.019	
1/26/2016	0.019	
4/20/2016	0.0188	
6/15/2016	0.017	
8/9/2016	0.018	
9/27/2016	0.016	
11/15/2016	0.017	
1/11/2017	0.017	
3/1/2017	0.017	
4/20/2017	0.016	
7/19/2017	0.017	
1/11/2018	0.017	
7/11/2018	0.017	
1/29/2019	0.02	
3/27/2019	0.017	
9/11/2019	0.021	
4/1/2020	0.019	
9/15/2020	0.018	
3/16/2021	0.017	
8/19/2021	0.017	
2/22/2022	0.019	
8/2/2022	0.017	
2/8/2023	0.02	
8/2/2023	0.017	
2/6/2024	0.02	
8/13/2024	0.019	
2/4/2025	0.019	
8/5/2025	0.018	
2/3/2026		0.018

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	0.021	
12/8/2015	0.053	
12/14/2015	0.049	
12/28/2015	0.048	
1/14/2016	0.048	
1/26/2016	0.044	
4/19/2016	0.0308	
6/16/2016	0.029	
8/11/2016	0.023	
9/28/2016	0.024	
11/16/2016	0.022	
1/11/2017	0.017	
3/1/2017	0.02	
4/25/2017	0.02	
7/25/2017	0.017	
1/12/2018	0.015	
7/11/2018	0.013	
1/30/2019	0.02	
3/27/2019	0.014	
9/11/2019	0.018	
4/1/2020	0.013	
9/15/2020	0.014	
3/17/2021	0.013	
8/19/2021	0.013	
2/23/2022	0.012	
8/2/2022	0.013	
2/7/2023	0.012	
8/2/2023	0.012	
2/7/2024	0.014	
8/14/2024	0.013	
2/5/2025	0.014	
8/6/2025	0.013	
2/3/2026		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	0.02	
9/11/2004	0.021	
9/26/2004	0.019	
7/11/2005	0.017	
12/7/2005	0.018	
6/24/2006	0.018	
11/29/2006	0.026	
6/20/2007	0.014	
7/6/2007	0.014	
12/13/2007	0.013	
6/20/2008	0.019	
12/7/2008	0.019	
7/9/2009	0.029	
12/28/2009	0.039	
6/22/2010	0.032	
1/4/2011	0.024	
7/9/2011	0.034	
1/21/2012	0.022	
7/11/2012	0.023	
1/20/2013	0.027	
7/19/2013	0.037	
1/15/2014	0.032	
7/11/2014	0.034	
1/16/2015	0.032	
6/20/2015	0.037	
1/16/2016	0.051	
4/20/2016	0.0554	
6/15/2016	0.046	
8/10/2016	0.042	
9/27/2016	0.042	
11/15/2016	0.042	
1/12/2017	0.046	
3/1/2017	0.048	
4/20/2017	0.046	
7/19/2017	0.045	
1/11/2018	0.046	
7/12/2018	0.045	
1/30/2019	0.05	
3/27/2019	0.045	
9/11/2019	0.038	
4/1/2020	0.041	
9/15/2020	0.038	
3/16/2021	0.039	
8/18/2021	0.034	
2/23/2022	0.039	
8/3/2022	0.029	
2/7/2023	0.031	
8/2/2023	0.03	
2/7/2024	0.032	
8/14/2024	0.04	
2/5/2025	0.036	
8/6/2025	0.035	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
2/3/2026		0.032

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	0.036	
9/11/2004	0.036	
9/26/2004	0.035	
10/13/2004	0.035	
7/12/2005	0.017	
12/7/2005	0.017	
6/24/2006	0.015	
11/29/2006	0.032	
6/20/2007	0.03	
7/6/2007	0.03	
12/13/2007	0.039	
6/20/2008	0.038	
12/7/2008	0.034	
7/10/2009	0.032	
12/29/2009	0.03	
6/22/2010	0.024	
1/4/2011	0.017	
7/10/2011	0.03	
1/19/2012	0.038	
1/21/2012	0.022	
7/11/2012	0.025	
1/20/2013	0.029	
7/19/2013	0.02	
7/20/2013	0.032	
1/16/2014	0.022	
7/10/2014	0.018	
1/16/2015	0.019	
6/20/2015	0.021	
1/16/2016	0.019	
4/21/2016	0.0178	
6/16/2016	0.022	
8/10/2016	0.015	
9/27/2016	0.014	
11/15/2016	0.015	
1/12/2017	0.015	
3/1/2017	0.017	
4/24/2017	0.014	
7/24/2017	0.015	
1/11/2018	0.013	
7/12/2018	0.024	
1/30/2019	0.023	
3/27/2019	0.019	
9/11/2019	0.021	
4/1/2020	0.035	
9/15/2020	0.023	
3/16/2021	0.019	
8/18/2021	0.018	
2/23/2022	0.018	
8/3/2022	0.017	
2/8/2023	0.017	
8/2/2023	0.016	
2/7/2024	0.017	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/14/2024	0.021	
2/4/2025	0.024	
8/6/2025	0.029	
2/4/2026		0.021

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	0.018	
9/11/2004	0.022	
9/26/2004	0.022	
10/13/2004	0.017	
7/12/2005	0.015	
12/7/2005	0.012	
6/25/2006	0.012	
11/28/2006	0.013	
6/21/2007	0.012	
7/6/2007	0.012	
12/14/2007	0.013	
6/20/2008	0.026	
12/7/2008	0.093 (O)	
7/10/2009	0.013	
12/29/2009	0.012	
6/22/2010	0.014	
1/5/2011	0.011	
7/9/2011	0.012	
1/21/2012	0.017	
7/11/2012	0.015	
1/19/2013	0.013	
7/19/2013	0.012	
1/15/2014	0.012	
7/11/2014	0.012	
1/16/2015	0.011	
6/20/2015	0.013	
1/14/2016	0.016	
4/20/2016	0.0113	
6/15/2016	0.013	
8/10/2016	0.01	
9/27/2016	0.01	
11/15/2016	0.011	
1/12/2017	0.01	
3/1/2017	0.011	
4/24/2017	0.01	
7/24/2017	0.0089	
1/11/2018	0.01	
7/12/2018	0.016	
1/30/2019	0.014	
3/27/2019	0.013	
9/11/2019	0.011	
4/2/2020	0.011	
9/15/2020	0.015	
3/17/2021	0.016	
8/18/2021	0.011	
2/23/2022	0.01	
8/2/2022	0.011	
2/8/2023	0.011	
8/2/2023	0.01	
2/7/2024	0.011	
8/14/2024	0.011	
2/5/2025	0.012	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025	0.011	
2/3/2026		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	0.014	
9/11/2004	0.014	
9/26/2004	0.014	
10/13/2004	0.013	
7/11/2005	0.011	
12/7/2005	0.012	
6/24/2006	0.012	
11/28/2006	0.011	
6/20/2007	0.014	
7/6/2007	0.014	
12/13/2007	0.011	
6/20/2008	0.011	
12/7/2008	0.01	
7/10/2009	0.011	
12/28/2009	0.011	
6/22/2010	0.011	
1/4/2011	0.013	
7/9/2011	0.015	
1/20/2012	0.013	
7/11/2012	0.015	
1/19/2013	0.014	
7/18/2013	0.013	
1/15/2014	0.013	
7/11/2014	0.016	
1/15/2015	0.012	
6/19/2015	0.015	
1/16/2016	0.013	
4/20/2016	0.0114	
6/15/2016	0.0095 (J)	
8/10/2016	0.0094	
9/27/2016	0.011	
11/15/2016	0.0096	
1/12/2017	0.01	
3/1/2017	0.011	
4/20/2017	0.01	
7/20/2017	0.011	
1/11/2018	0.01	
7/12/2018	0.011	
1/30/2019	0.011	
3/27/2019	0.0099	
9/11/2019	0.01	
4/1/2020	0.0097 (J)	
9/16/2020	0.011	
3/16/2021	0.01	
8/18/2021	0.01	
2/23/2022	0.01	
8/3/2022	0.011	
2/7/2023	0.011	
8/2/2023	0.014	
2/8/2024	0.011	
8/14/2024	0.012	
2/5/2025	0.011	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025	0.012	
2/3/2026		0.01

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.057	
12/15/2015	0.052	
12/28/2015	0.041	
1/14/2016	0.038	
1/26/2016	0.034	
4/19/2016	0.023	
6/16/2016	0.017	
8/10/2016	0.013	
9/28/2016	0.013	
11/15/2016	0.013	
1/16/2017	0.014	
3/1/2017	0.017	
4/25/2017	0.015	
7/25/2017	0.012	
1/12/2018	0.014	
7/11/2018	0.018	
1/29/2019	0.016	
3/27/2019	0.013	
9/11/2019	0.015	
4/1/2020	0.013	
9/16/2020	0.012	
3/16/2021	0.0099 (J)	
8/19/2021	0.0095 (J)	
2/23/2022	0.01	
8/3/2022	0.011	
2/8/2023	0.01	
8/2/2023	0.0092 (J)	
2/7/2024	0.01	
8/14/2024	0.011	
2/4/2025	0.01	
8/5/2025	0.0085 (J)	
2/3/2026		0.0089 (J)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.039	
12/14/2015	0.045	
12/29/2015	0.045	
1/14/2016	0.034	
1/25/2016	0.038	
4/21/2016	0.0325	
6/16/2016	0.027	
8/10/2016	0.025	
9/27/2016	0.023	
11/15/2016	0.022	
1/13/2017	0.021	
3/1/2017	0.021	
4/25/2017	0.02	
7/25/2017	0.02	
1/12/2018	0.021	
7/11/2018	0.021	
1/29/2019	0.017	
3/27/2019	0.018	
9/11/2019	0.021	
4/1/2020	0.016	
9/15/2020	0.021	
3/16/2021	0.016	
8/19/2021	0.017	
2/22/2022	0.018	
8/3/2022	0.018	
2/8/2023	0.015	
8/2/2023	0.015	
2/7/2024	0.016	
8/14/2024	0.015	
2/5/2025	0.015	
8/5/2025	0.014	
2/3/2026		0.016

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	0.024	
12/14/2015	0.027	
12/29/2015	0.027	
1/14/2016	0.025	
1/25/2016	0.023	
4/21/2016	0.0165	
6/16/2016	0.018	
8/10/2016	0.014	
9/27/2016	0.018	
11/15/2016	0.015	
1/12/2017	0.014	
3/1/2017	0.015	
4/24/2017	0.015	
7/25/2017	0.015	
1/11/2018	0.016	
7/11/2018	0.017	
1/30/2019	0.017	
3/27/2019	0.016	
9/11/2019	0.019	
4/1/2020	0.018	
9/15/2020	0.021	
3/17/2021	0.019	
8/19/2021	0.018	
2/23/2022	0.02	
8/4/2022	0.022	
2/8/2023	0.019	
8/3/2023	0.018	
2/7/2024	0.02	
8/14/2024	0.02	
2/5/2025	0.022	
8/5/2025	0.022	
2/4/2026		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.057	
8/10/2016	0.072	
9/28/2016	0.076	
11/16/2016	0.057	
1/17/2017	0.049	
3/2/2017	0.067	
4/25/2017	0.049	
7/13/2017	0.04	
7/25/2017	0.038	
1/12/2018	0.037	
7/12/2018	0.037	
1/30/2019	0.034	
3/27/2019	0.027	
9/11/2019	0.023	
4/1/2020	0.024	
9/15/2020	0.024	
3/17/2021	0.024	
8/19/2021	0.019	
2/23/2022	0.024	
8/4/2022	0.017	
2/8/2023	0.016	
8/3/2023	0.012	
2/7/2024	0.02	
8/14/2024	0.027	
2/5/2025	0.023	
8/6/2025	0.022	
2/4/2026		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	0.029	
9/11/2004	0.031	
9/26/2004	0.03	
10/13/2004	0.024	
7/12/2005	0.022	
12/8/2005	0.032	
6/25/2006	0.026	
11/29/2006	0.02	
6/20/2007	0.018	
7/6/2007	0.018	
12/13/2007	0.017	
6/20/2008	0.018	
12/7/2008	0.016	
7/9/2009	0.019	
12/29/2009	0.02	
6/22/2010	0.022	
1/5/2011	0.021	
7/9/2011	0.021	
1/21/2012	0.021	
7/11/2012	0.021	
1/19/2013	0.024	
7/18/2013	0.024	
1/15/2014	0.022	
7/10/2014	0.023	
1/16/2015	0.015	
6/20/2015	0.024	
1/14/2016	0.026	
4/19/2016	0.0274	
6/15/2016	0.024	
8/10/2016	0.031	
9/27/2016	0.029	
11/15/2016	0.029	
1/13/2017	0.025	
3/1/2017	0.03	
4/24/2017	0.024	
7/24/2017	0.026	
1/12/2018	0.027	
7/12/2018	0.031	
1/30/2019	0.032	
3/27/2019	0.023	
9/11/2019	0.029	
4/1/2020	0.021	
9/16/2020	0.033	
3/17/2021	0.041	
8/19/2021	0.024	
2/23/2022	0.026	
8/3/2022	0.03	
2/8/2023	0.024	
8/2/2023	0.021	
2/7/2024	0.023	
8/14/2024	0.024	
2/5/2025	0.03	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025	0.028	
2/4/2026		0.019

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	0.00011 (J)	
7/11/2014	0.0001 (J)	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	6.5E-05 (J)	
8/9/2016	<0.001	
9/26/2016	<0.001	
11/15/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/17/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	6.3E-05 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	0.00024 (J)	
3/16/2021	<0.001	
8/17/2021	0.00018 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/15/2024	<0.001	
2/4/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	0.0018	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	3.2E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/30/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
7/10/2014	0.0001 (J)	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	8.7E-05 (J)	
8/11/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00011 (J)	
3/26/2019	<0.001	
9/10/2019	0.0006 (J)	
3/31/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/3/2025	<0.001	
8/5/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	0.0011	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	0.00013 (J)	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	5.4E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.001	
1/20/2012	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	7.1E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0008 (J)	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.0002 (J)	
8/18/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/6/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	4.4E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00025 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/4/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.001	
12/15/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/15/2016	3.8E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	0.00011 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00036 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.001	
12/8/2015	0.00046 (J)	
12/14/2015	0.00052 (J)	
12/28/2015	0.00057 (J)	
1/13/2016	0.00056 (J)	
1/26/2016	0.00057 (J)	
4/20/2016	<0.003 (O)	
6/15/2016	0.00056 (J)	
8/9/2016	0.00054 (J)	
9/27/2016	0.00056 (J)	
11/15/2016	0.00047 (J)	
1/11/2017	0.00066 (J)	
3/1/2017	0.00066 (J)	
4/20/2017	0.00055 (J)	
7/19/2017	0.00061 (J)	
1/11/2018	0.00064 (J)	
7/11/2018	0.00065 (J)	
1/29/2019	0.00062 (J)	
3/27/2019	0.00062 (J)	
9/11/2019	0.001	
4/1/2020	0.00058 (J)	
9/15/2020	0.00063 (J)	
3/16/2021	0.00062 (J)	
8/19/2021	0.00057 (J)	
2/22/2022	0.00078 (J)	
8/2/2022	0.00057 (J)	
2/8/2023	0.00071 (J)	
8/2/2023	0.00057 (J)	
2/6/2024	0.0007 (J)	
8/13/2024	0.0006 (J)	
2/4/2025	0.00073 (J)	
8/5/2025	<0.001	
2/3/2026		0.0007 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	<0.001	
1/26/2016	<0.001	
4/19/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	8.3E-05 (J)	
3/27/2019	<0.001	
9/11/2019	0.00026 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	0.00016 (J)	
7/11/2014	0.00018 (J)	
1/16/2015	0.00016 (J)	
6/20/2015	0.00017 (J)	
1/16/2016	8E-05 (J)	
4/20/2016	<0.001	
6/15/2016	0.00012 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	0.00021 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00022 (J)	
8/18/2021	0.00018 (J)	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	0.0002 (J)	
2/5/2025	0.00034 (J)	
8/6/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
2/3/2026		0.00018 (J)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/19/2012	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
7/20/2013	<0.001	
1/16/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	0.00013 (J)	
1/16/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	8.5E-05 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00033 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/14/2024	<0.001	
2/4/2025	<0.001	
8/6/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/25/2006	<0.001	
11/28/2006	<0.001	
6/21/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/2/2020	0.00023 (J)	
9/15/2020	<0.001	
3/17/2021	0.00048 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	0.00017 (J)	
7/11/2014	0.00024 (J)	
1/15/2015	0.00015 (J)	
6/19/2015	0.00016 (J)	
1/16/2016	0.00014 (J)	
4/20/2016	<0.001	
6/15/2016	0.00014 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/20/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	0.00022 (J)	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/16/2021	0.00037 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	0.00027 (J)	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/8/2024	0.00022 (J)	
8/14/2024	<0.001	
2/5/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025	<0.001	
2/3/2026		0.00018 (J)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.00018 (J)	
12/15/2015	0.00014 (J)	
12/28/2015	9E-05 (J)	
1/14/2016	0.0001 (J)	
1/26/2016	0.00011 (J)	
4/19/2016	<0.001	
6/16/2016	0.00011 (J)	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/15/2016	<0.001	
1/16/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00023 (J)	
3/27/2019	<0.001	
9/11/2019	0.00058 (J)	
4/1/2020	<0.001	
9/16/2020	0.00022 (J)	
3/16/2021	0.00024 (J)	
8/19/2021	<0.001	
2/23/2022	0.00031 (J)	
8/3/2022	<0.001	
2/8/2023	0.00022 (J)	
8/2/2023	0.0002 (J)	
2/7/2024	<0.001	
8/14/2024	0.00026 (J)	
2/4/2025	0.00047 (J)	
8/5/2025	<0.001	
2/3/2026		0.00022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.00026 (J)	
12/14/2015	0.00032 (J)	
12/29/2015	0.00043 (J)	
1/14/2016	0.00032 (J)	
1/25/2016	0.00038 (J)	
4/21/2016	<0.001	
6/16/2016	0.00032 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	0.00052 (J)	
4/1/2020	<0.001	
9/15/2020	0.00025 (J)	
3/16/2021	0.00022 (J)	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/3/2022	0.00031 (J)	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	0.0002 (J)	
2/5/2025	0.00023 (J)	
8/5/2025	<0.001	
2/3/2026		0.00022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	0.00064 (J)	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	0.00054 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/5/2025	<0.001	
2/4/2026		0.00017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/17/2017	<0.001	
3/2/2017	<0.001	
4/25/2017	<0.001	
7/13/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00015 (J)	
3/27/2019	<0.001	
9/11/2019	0.00026 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	0.00018 (J)	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	0.00026 (J)	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/25/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	0.0001 (J)	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/19/2016	<0.001	
6/15/2016	7.7E-05 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	0.00021 (J)	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	0.00024 (J)	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025	0.00031 (J)	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.0007	
9/11/2004	<0.0007	
9/26/2004	<0.0007	
10/13/2004	<0.0007	
7/11/2005	<0.0007	
12/7/2005	<0.0007	
6/23/2006	<0.0007	
11/28/2006	<0.0007	
6/19/2007	<0.0007	
7/6/2007	<0.0007	
12/13/2007	<0.0007	
6/20/2008	<0.0007	
12/7/2008	<0.0007	
7/9/2009	<0.0007	
12/28/2009	<0.0007	
6/22/2010	<0.0007	
1/5/2011	<0.0007	
7/9/2011	<0.0007	
1/20/2012	<0.0007	
7/11/2012	<0.0007	
1/19/2013	<0.0007	
7/18/2013	<0.0007	
1/15/2014	<0.0007	
7/11/2014	<0.0007	
1/15/2015	<0.0007	
6/19/2015	<0.0007	
1/16/2016	<0.0007	
4/19/2016	<0.0007	
6/14/2016	<0.0007	
8/9/2016	<0.0007	
9/27/2016	<0.0007	
11/14/2016	<0.0007	
1/10/2017	<0.0007	
2/28/2017	<0.0007	
4/19/2017	<0.0007	
7/18/2017	<0.0007	
1/10/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/17/2021	<0.0007	
2/22/2022	<0.0007	
8/2/2022	<0.0007	
2/7/2023	<0.0007	
8/2/2023	<0.0007	
2/6/2024	<0.0007	
8/13/2024	<0.0007	
2/4/2025	<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	<0.0007	
2/2/2026		0.0016

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.0007	
9/11/2004	<0.0007	
9/26/2004	<0.0007	
10/13/2004	<0.0007	
7/12/2005	<0.0007	
12/8/2005	<0.0007	
6/24/2006	<0.0007	
11/28/2006	<0.0007	
6/19/2007	<0.0007	
12/13/2007	<0.0007	
6/20/2008	<0.0007	
12/7/2008	<0.0007	
7/9/2009	<0.0007	
12/30/2009	<0.0007	
6/22/2010	<0.0007	
1/4/2011	<0.0007	
7/10/2011	<0.0007	
1/21/2012	<0.0007	
7/11/2012	<0.0007	
1/20/2013	<0.0007	
7/19/2013	<0.0007	
1/16/2014	<0.0007	
7/10/2014	<0.0007	
1/16/2015	<0.0007	
6/20/2015	<0.0007	
1/14/2016	<0.0007	
4/20/2016	0.000111 (J)	
6/14/2016	0.00013 (J)	
8/11/2016	<0.0007	
9/27/2016	<0.0007	
11/14/2016	<0.0007	
1/10/2017	<0.0007	
2/28/2017	<0.0007	
4/20/2017	<0.0007	
7/18/2017	<0.0007	
1/10/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/26/2019	<0.0007	
9/10/2019	0.00019 (J)	
3/31/2020	<0.0007	
9/16/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	0.00024 (J)	
8/3/2022	<0.0007	
2/7/2023	<0.0007	
8/1/2023	<0.0007	
2/6/2024	<0.0007	
8/13/2024	<0.0007	
2/3/2025	<0.0007	
8/5/2025	<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
2/2/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.0007	
12/7/2015	<0.0007	
12/15/2015	<0.0007	
12/29/2015	<0.0007	
1/13/2016	<0.0007	
1/25/2016	<0.0007	
4/20/2016	<0.0007	
6/14/2016	<0.0007	
8/9/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/12/2017	<0.0007	
2/28/2017	<0.0007	
4/20/2017	<0.0007	
7/18/2017	<0.0007	
1/10/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/26/2019	<0.0007	
9/10/2019	0.00035 (J)	
3/31/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/18/2021	<0.0007	
2/22/2022	<0.0007	
8/2/2022	<0.0007	
2/6/2023	<0.0007	
8/1/2023	<0.0007	
2/6/2024	<0.0007	
8/13/2024	<0.0007	
2/4/2025	<0.0007	
8/5/2025	<0.0007	
2/2/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.0007	
12/15/2015	<0.0007	
12/29/2015	<0.0007	
1/13/2016	<0.0007	
1/25/2016	<0.0007	
4/20/2016	<0.0007	
6/14/2016	6.2E-05 (J)	
8/9/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/11/2017	<0.0007	
2/28/2017	<0.0007	
4/20/2017	<0.0007	
7/19/2017	<0.0007	
1/11/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/26/2019	<0.0007	
9/10/2019	<0.0007	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/17/2021	0.00036 (J)	
2/22/2022	<0.0007	
8/2/2022	<0.0007	
2/7/2023	<0.0007	
8/2/2023	<0.0007	
2/6/2024	<0.0007	
8/13/2024	<0.0007	
2/4/2025	<0.0007	
8/4/2025	<0.0007	
2/2/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.0007	
12/14/2015	<0.0007	
12/28/2015	<0.0007	
1/13/2016	<0.0007	
1/25/2016	<0.0007	
4/20/2016	<0.0007	
6/15/2016	<0.0007	
8/9/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/11/2017	<0.0007	
3/1/2017	<0.0007	
4/20/2017	<0.0007	
7/19/2017	<0.0007	
1/11/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	<0.0007	
3/26/2019	<0.0007	
9/10/2019	0.00015 (J)	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/17/2021	<0.0007	
2/22/2022	<0.0007	
8/2/2022	<0.0007	
2/7/2023	<0.0007	
8/1/2023	<0.0007	
2/6/2024	<0.0007	
8/13/2024	<0.0007	
2/4/2025	<0.0007	
8/5/2025	<0.0007	
2/3/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.0013	
12/8/2015	0.00049 (J)	
12/14/2015	0.00053 (J)	
12/28/2015	0.00061 (J)	
1/13/2016	0.00063 (J)	
1/26/2016	0.00072 (J)	
4/20/2016	0.000633 (J)	
6/15/2016	0.00055 (J)	
8/9/2016	0.00046 (J)	
9/27/2016	0.00071 (J)	
11/15/2016	0.00056 (J)	
1/11/2017	0.0007 (J)	
3/1/2017	0.00063 (J)	
4/20/2017	0.00055 (J)	
7/19/2017	0.00072 (J)	
1/11/2018	0.00062 (J)	
7/11/2018	0.0004 (J)	
1/29/2019	0.00062 (J)	
3/27/2019	0.00041 (J)	
9/11/2019	0.00064 (J)	
4/1/2020	0.00048 (J)	
9/15/2020	0.00046 (J)	
3/16/2021	0.00057 (J)	
8/19/2021	0.00057 (J)	
2/22/2022	0.00064 (J)	
8/2/2022	0.00057 (J)	
2/8/2023	0.00058 (J)	
8/2/2023	0.00052 (J)	
2/6/2024	0.00065 (J)	
8/13/2024	0.00062 (J)	
2/4/2025	0.00053 (J)	
8/5/2025	0.00044 (J)	
2/3/2026		0.00042 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.0007	
12/8/2015	<0.0007	
12/14/2015	<0.0007	
12/28/2015	<0.0007	
1/14/2016	<0.0007	
1/26/2016	<0.0007	
4/19/2016	<0.0007	
6/16/2016	8.5E-05 (J)	
8/11/2016	<0.0007	
9/28/2016	<0.0007	
11/16/2016	<0.0007	
1/11/2017	<0.0007	
3/1/2017	<0.0007	
4/25/2017	<0.0007	
7/25/2017	<0.0007	
1/12/2018	<0.0007	
7/11/2018	<0.0007	
1/30/2019	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/2/2022	<0.0007	
2/7/2023	<0.0007	
8/2/2023	<0.0007	
2/7/2024	<0.0007	
8/14/2024	<0.0007	
2/5/2025	<0.0007	
8/6/2025	<0.0007	
2/3/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.0007	
9/11/2004	<0.0007	
9/26/2004	<0.0007	
7/11/2005	<0.0007	
12/7/2005	<0.0007	
6/24/2006	<0.0007	
11/29/2006	<0.0007	
6/20/2007	<0.0007	
7/6/2007	<0.0007	
12/13/2007	<0.0007	
6/20/2008	<0.0007	
12/7/2008	<0.0007	
7/9/2009	<0.0007	
12/28/2009	<0.0007	
6/22/2010	<0.0007	
1/4/2011	<0.0007	
7/9/2011	<0.0007	
1/21/2012	<0.0007	
7/11/2012	<0.0007	
1/20/2013	<0.0007	
7/19/2013	<0.0007	
1/15/2014	<0.0007	
7/11/2014	<0.0007	
1/16/2015	<0.0007	
6/20/2015	<0.0007	
1/16/2016	<0.0007	
4/20/2016	<0.0007	
6/15/2016	<0.0007	
8/10/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/12/2017	<0.0007	
3/1/2017	<0.0007	
4/20/2017	<0.0007	
7/19/2017	<0.0007	
1/11/2018	<0.0007	
7/12/2018	<0.0007	
1/30/2019	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/18/2021	<0.0007	
2/23/2022	<0.0007	
8/3/2022	0.0001 (J)	
2/7/2023	<0.0007	
8/2/2023	<0.0007	
2/7/2024	<0.0007	
8/14/2024	<0.0007	
2/5/2025	<0.0007	
8/6/2025	<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
2/3/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.0007	
12/15/2015	<0.0007	
12/28/2015	<0.0007	
1/14/2016	<0.0007	
1/26/2016	<0.0007	
4/19/2016	0.00017 (J)	
6/16/2016	0.00018 (J)	
8/10/2016	<0.0007	
9/28/2016	<0.0007	
11/15/2016	<0.0007	
1/16/2017	<0.0007	
3/1/2017	<0.0007	
4/25/2017	<0.0007	
7/25/2017	<0.0007	
1/12/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	0.0002 (J)	
3/27/2019	<0.0007	
9/11/2019	0.00031 (J)	
4/1/2020	<0.0007	
9/16/2020	<0.0007	
3/16/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/3/2022	0.00016 (J)	
2/8/2023	0.00018 (J)	
8/2/2023	0.00025 (J)	
2/7/2024	0.00011 (J)	
8/14/2024	0.00015 (J)	
2/4/2025	0.00014 (J)	
8/5/2025	<0.0007	
2/3/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.0007	
12/14/2015	0.00031 (J)	
12/29/2015	0.00075 (J)	
1/14/2016	0.00039 (J)	
1/25/2016	0.00078 (J)	
4/21/2016	0.00052 (J)	
6/16/2016	0.00044 (J)	
8/10/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/13/2017	0.00036 (J)	
3/1/2017	<0.0007	
4/25/2017	<0.0007	
7/25/2017	<0.0007	
1/12/2018	<0.0007	
7/11/2018	<0.0007	
1/29/2019	0.00016 (J)	
3/27/2019	<0.0007	
9/11/2019	0.00029 (J)	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/16/2021	<0.0007	
8/19/2021	<0.0007	
2/22/2022	<0.0007	
8/3/2022	0.00016 (J)	
2/8/2023	0.00011 (J)	
8/2/2023	0.00015 (J)	
2/7/2024	0.00013 (J)	
8/14/2024	0.00016 (J)	
2/5/2025	0.00013 (J)	
8/5/2025	<0.0007	
2/3/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.0007	
12/14/2015	<0.0007	
12/29/2015	<0.0007	
1/14/2016	<0.0007	
1/25/2016	<0.0007	
4/21/2016	<0.0007	
6/16/2016	0.00012 (J)	
8/10/2016	<0.0007	
9/27/2016	0.00062 (J)	
11/15/2016	<0.0007	
1/12/2017	<0.0007	
3/1/2017	<0.0007	
4/24/2017	<0.0007	
7/25/2017	<0.0007	
1/11/2018	<0.0007	
7/11/2018	<0.0007	
1/30/2019	0.00014 (J)	
3/27/2019	<0.0007	
9/11/2019	0.00029 (J)	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/4/2022	0.00014 (J)	
2/8/2023	<0.0007	
8/3/2023	0.00011 (J)	
2/7/2024	0.00012 (J)	
8/14/2024	0.00013 (J)	
2/5/2025	0.00013 (J)	
8/5/2025	<0.0007	
2/4/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.0007	
8/10/2016	<0.0007	
9/28/2016	<0.0007	
11/16/2016	<0.0007	
1/17/2017	<0.0007	
3/2/2017	<0.0007	
4/25/2017	<0.0007	
7/13/2017	<0.0007	
7/25/2017	<0.0007	
1/12/2018	<0.0007	
7/12/2018	<0.0007	
1/30/2019	0.00015 (J)	
3/27/2019	<0.0007	
9/11/2019	0.00018 (J)	
4/1/2020	<0.0007	
9/15/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/4/2022	<0.0007	
2/8/2023	0.00013 (J)	
8/3/2023	0.0001 (J)	
2/7/2024	<0.0007	
8/14/2024	9.5E-05 (J)	
2/5/2025	<0.0007	
8/6/2025	<0.0007	
2/4/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.0007	
9/11/2004	<0.0007	
9/26/2004	<0.0007	
10/13/2004	<0.0007	
7/12/2005	<0.0007	
12/8/2005	<0.0007	
6/25/2006	<0.0007	
11/29/2006	<0.0007	
6/20/2007	<0.0007	
7/6/2007	<0.0007	
12/13/2007	<0.0007	
6/20/2008	<0.0007	
12/7/2008	<0.0007	
7/9/2009	<0.0007	
12/29/2009	<0.0007	
6/22/2010	<0.0007	
1/5/2011	<0.0007	
7/9/2011	<0.0007	
1/21/2012	<0.0007	
7/11/2012	<0.0007	
1/19/2013	<0.0007	
7/18/2013	<0.0007	
1/15/2014	<0.0007	
7/10/2014	<0.0007	
1/16/2015	<0.0007	
6/20/2015	<0.0007	
1/14/2016	<0.0007	
4/19/2016	<0.0007	
6/15/2016	<0.0007	
8/10/2016	<0.0007	
9/27/2016	<0.0007	
11/15/2016	<0.0007	
1/13/2017	<0.0007	
3/1/2017	<0.0007	
4/24/2017	<0.0007	
7/24/2017	<0.0007	
1/12/2018	<0.0007	
7/12/2018	<0.0007	
1/30/2019	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
4/1/2020	<0.0007	
9/16/2020	<0.0007	
3/17/2021	<0.0007	
8/19/2021	<0.0007	
2/23/2022	<0.0007	
8/3/2022	0.00011 (J)	
2/8/2023	9.5E-05 (J)	
8/2/2023	<0.0007	
2/7/2024	0.00012 (J)	
8/14/2024	0.0001 (J)	
2/5/2025	<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025	<0.0007	
2/4/2026		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	0.0024	
11/28/2006	0.0019	
6/19/2007	0.0021	
7/6/2007	0.0021	
12/13/2007	0.0021	
6/20/2008	0.0017	
12/7/2008	0.0018	
7/9/2009	0.0015	
12/28/2009	0.002	
6/22/2010	0.0017	
1/4/2011	0.002	
7/9/2011	0.0027	
1/21/2012	<0.005	
7/11/2012	0.0061 (O)	
1/20/2013	0.002	
7/19/2013	0.0021	
1/15/2014	0.0029	
7/11/2014	0.002	
1/16/2015	0.0026	
6/20/2015	0.002	
1/16/2016	0.0015	
4/19/2016	<0.005	
6/14/2016	0.0017 (J)	
8/9/2016	0.0014 (J)	
9/26/2016	0.0016 (J)	
11/15/2016	0.0015 (J)	
1/10/2017	0.0015 (J)	
2/28/2017	0.0044	
4/19/2017	0.0011 (J)	
7/17/2017	0.0011 (J)	
1/10/2018	0.0014 (J)	
7/11/2018	0.0011 (J)	
1/29/2019	0.0019 (J)	
3/27/2019	0.0016 (J)	
9/11/2019	0.004	
4/1/2020	0.0017 (J)	
9/15/2020	0.0015 (J)	
3/16/2021	0.0015 (J)	
8/17/2021	0.0016 (J)	
2/22/2022	0.0018 (J)	
8/2/2022	0.0015 (J)	
2/7/2023	0.0028	
8/1/2023	0.0025	
2/6/2024	0.002	
8/15/2024	0.0018 (J)	
2/4/2025	0.0019 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	0.0024	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	0.0021	
11/28/2006	0.0023	
6/19/2007	0.0049	
7/6/2007	0.0049	
12/13/2007	0.0013	
6/20/2008	0.0025	
12/7/2008	0.0034	
7/9/2009	<0.005	
12/28/2009	0.0021	
6/22/2010	0.0018	
1/5/2011	0.077 (O)	
7/9/2011	0.004	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	0.0013	
7/18/2013	0.0022	
1/15/2014	0.0019	
7/11/2014	0.0014	
1/15/2015	0.0011 (J)	
6/19/2015	0.0012 (J)	
1/16/2016	0.0014	
4/19/2016	<0.005	
6/14/2016	0.00085 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	0.0011 (J)	
1/10/2017	0.0012 (J)	
2/28/2017	0.004	
4/19/2017	0.0011 (J)	
7/18/2017	<0.005	
1/10/2018	0.0012 (J)	
7/11/2018	0.0011 (J)	
1/29/2019	0.0016 (J)	
3/27/2019	0.0014 (J)	
9/11/2019	0.0034	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	0.0015 (J)	
8/17/2021	0.0015 (J)	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.0019 (J)	
8/2/2023	0.0022	
2/6/2024	<0.005	
8/13/2024	0.0017 (J)	
2/4/2025	0.0016 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	<0.005	
2/2/2026		0.0086

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	0.0022	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	0.0078	
6/22/2010	<0.005	
1/4/2011	0.0037	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0096	
1/20/2013	0.0052	
7/19/2013	0.002	
1/16/2014	0.0061	
7/10/2014	<0.005	
1/16/2015	0.002	
6/20/2015	0.0011 (J)	
1/14/2016	0.0011 (J)	
4/20/2016	<0.005	
6/14/2016	0.0013 (J)	
8/11/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.0048	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00099 (J)	
3/26/2019	<0.005	
9/10/2019	0.0031	
3/31/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/3/2025	<0.005	
8/5/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	0.22 (O)	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	0.0023	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	0.004	
6/22/2010	<0.005	
1/4/2011	0.0027	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0038	
1/19/2013	0.002	
7/18/2013	0.0023	
1/15/2014	0.0012 (J)	
7/10/2014	0.0012 (J)	
1/15/2015	<0.005	
6/19/2015	0.0037	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	0.0011 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	0.0054	
4/20/2017	0.0013 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0014 (J)	
3/26/2019	<0.005	
9/10/2019	0.0041	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.002	
8/1/2023	0.0016 (J)	
2/6/2024	<0.005	
8/13/2024	0.0043	
2/4/2025	0.0015 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.01 (O)	
6/14/2016	0.0094 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
2/28/2017	0.0049	
4/20/2017	0.0011 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0037	
3/26/2019	0.0014 (J)	
9/10/2019	0.0052	
3/31/2020	0.0019 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	0.0025	
8/1/2023	0.0018 (J)	
2/6/2024	0.0021	
8/13/2024	0.0022	
2/4/2025	0.0023	
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	0.00086 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	0.0047	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0014 (J)	
3/26/2019	<0.005	
9/10/2019	0.004	
12/17/2019	0.0035	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.0021	
8/2/2023	0.0021	
2/6/2024	<0.005	
8/13/2024	0.0028	
2/4/2025	0.0017 (J)	
8/4/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/15/2016	0.0008 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	0.0051	
4/20/2017	0.0012 (J)	
7/19/2017	0.0013 (J)	
1/11/2018	0.0011 (J)	
7/11/2018	<0.005	
1/29/2019	0.0021 (J)	
3/26/2019	0.0016 (J)	
9/11/2019	0.0038	
12/17/2019	0.0039	
4/1/2020	0.0015 (J)	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.0021	
8/1/2023	0.0019 (J)	
2/6/2024	0.0014 (J)	
8/13/2024	0.0031	
2/4/2025	0.0021	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.00072 (J)	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	0.0011 (J)	
1/11/2017	0.0012 (J)	
3/1/2017	0.0052	
4/20/2017	0.0013 (J)	
7/19/2017	0.0015 (J)	
1/11/2018	0.0013 (J)	
7/11/2018	0.0012 (J)	
1/29/2019	0.0024 (J)	
3/26/2019	0.0015 (J)	
9/10/2019	0.004	
4/1/2020	0.024	
9/15/2020	0.0015 (J)	
3/16/2021	0.0017 (J)	
8/17/2021	0.0019 (J)	
2/22/2022	0.0015 (J)	
8/2/2022	<0.005	
2/7/2023	0.0025	
8/1/2023	0.0024	
2/6/2024	0.0016 (J)	
8/13/2024	0.0018 (J)	
2/4/2025	0.0022	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/26/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.0018 (J)	
8/9/2016	0.002 (J)	
9/27/2016	0.0021 (J)	
11/15/2016	0.002 (J)	
1/11/2017	0.0025	
3/1/2017	0.0067	
4/20/2017	0.0024 (J)	
7/19/2017	0.0025	
1/11/2018	0.0026	
7/11/2018	0.0025	
1/29/2019	0.0041	
3/27/2019	0.0028	
9/11/2019	0.0059	
4/1/2020	0.0032	
9/15/2020	0.0027	
3/16/2021	0.0031	
8/19/2021	0.0027	
2/22/2022	0.003	
8/2/2022	0.0033	
2/8/2023	0.0044	
8/2/2023	0.0039	
2/6/2024	0.0029	
8/13/2024	0.0033	
2/4/2025	0.0036	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	0.0012 (J)	
12/14/2015	0.0018	
12/28/2015	0.0017	
1/14/2016	<0.005	
1/26/2016	0.0013	
4/19/2016	0.00277 (J)	
6/16/2016	0.0021 (J)	
8/11/2016	0.0023 (J)	
9/28/2016	0.0022 (J)	
11/16/2016	0.0019 (J)	
1/11/2017	0.0025	
3/1/2017	0.0065	
4/25/2017	0.0026	
7/25/2017	0.0023 (J)	
1/12/2018	0.002 (J)	
7/11/2018	0.0022 (J)	
1/30/2019	0.0049	
3/27/2019	0.0025	
9/11/2019	0.0049	
12/18/2019	0.0021	
4/1/2020	0.0025	
9/15/2020	0.0025	
3/17/2021	0.0027	
8/19/2021	0.0025	
2/23/2022	0.0025	
8/2/2022	0.0025	
2/7/2023	0.0043	
8/2/2023	0.0025	
2/7/2024	0.0025	
8/14/2024	0.0037	
2/5/2025	0.0034	
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	0.0021	
6/24/2006	0.002	
11/29/2006	0.0024	
6/20/2007	0.0034	
7/6/2007	0.0034	
12/13/2007	0.0029	
6/20/2008	0.002	
12/7/2008	0.072 (O)	
2/6/2009	0.0035	
7/9/2009	0.0017	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	0.0023	
7/9/2011	0.005	
1/21/2012	<0.005	
7/11/2012	0.0023	
1/20/2013	0.003	
7/19/2013	<0.005	
1/15/2014	0.002	
7/11/2014	0.0012 (J)	
1/16/2015	0.0011 (J)	
6/20/2015	0.0028	
1/16/2016	0.0013	
4/20/2016	<0.005	
6/15/2016	0.0011 (J)	
8/10/2016	0.0015 (J)	
9/27/2016	0.0018 (J)	
11/15/2016	0.0019 (J)	
1/12/2017	0.0012 (J)	
3/1/2017	0.0049	
4/20/2017	<0.005	
7/19/2017	0.0017 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0021 (J)	
3/27/2019	<0.005	
9/11/2019	0.0035	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	0.0018 (J)	
2/23/2022	<0.005	
8/3/2022	0.0015 (J)	
2/7/2023	0.0024	
8/2/2023	0.0024	
2/7/2024	0.0018 (J)	
8/14/2024	0.0032	
2/5/2025	0.0016 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	0.0027	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	0.0036	
12/7/2005	0.0042	
6/24/2006	0.0045	
11/29/2006	0.0017	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	0.0021	
12/29/2009	0.0023	
6/22/2010	0.0051	
1/4/2011	0.0026	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0018	
1/20/2013	0.0014	
7/19/2013	0.0032	
7/20/2013	<0.005	
1/16/2014	0.0058	
7/10/2014	0.0034	
1/16/2015	0.0024	
6/20/2015	0.0072	
1/16/2016	0.0076	
4/21/2016	0.00617 (J)	
6/16/2016	0.007 (J)	
8/10/2016	0.0056	
9/27/2016	0.0057	
11/15/2016	0.0062	
1/12/2017	0.0061	
3/1/2017	0.01	
4/24/2017	0.0053	
7/24/2017	0.0055	
1/11/2018	0.0055	
7/12/2018	0.0017 (J)	
1/30/2019	0.0071	
3/27/2019	0.0035	
9/11/2019	0.004	
4/1/2020	0.0084	
9/15/2020	0.0018 (J)	
3/16/2021	0.0054	
8/18/2021	0.0026	
2/23/2022	0.0031	
8/3/2022	0.0031	
2/8/2023	0.0038	
8/2/2023	0.0051	
2/7/2024	0.003	
8/14/2024	0.0047	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
2/4/2025	0.0043	
8/6/2025	0.0045 (J)	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	0.0033	
9/11/2004	0.0038	
9/26/2004	0.0031	
10/13/2004	<0.005	
7/12/2005	0.0039	
12/7/2005	0.0053	
6/25/2006	0.0069	
11/28/2006	0.0056	
6/21/2007	0.0063	
7/6/2007	0.0063	
12/14/2007	0.0058	
6/20/2008	0.013	
12/7/2008	0.0048	
7/10/2009	0.0086	
12/29/2009	0.0077	
6/22/2010	0.0046	
1/5/2011	0.0053	
7/9/2011	0.007	
1/21/2012	0.0073	
7/11/2012	0.01	
1/19/2013	0.0058	
7/19/2013	0.005	
1/15/2014	0.0081	
7/11/2014	0.0087	
1/16/2015	0.0061	
6/20/2015	0.005	
1/14/2016	0.0045	
4/20/2016	0.00856 (J)	
6/15/2016	0.0061 (J)	
8/10/2016	0.0052	
9/27/2016	0.0051	
11/15/2016	0.005	
1/12/2017	0.0051	
3/1/2017	0.0088	
4/24/2017	0.0049	
7/24/2017	0.0049	
1/11/2018	0.0044	
7/12/2018	0.0023 (J)	
1/30/2019	0.006	
3/27/2019	0.0031	
9/11/2019	0.0071	
4/2/2020	0.0055	
9/15/2020	0.0028	
3/17/2021	0.0031	
8/18/2021	0.004	
2/23/2022	0.005	
8/2/2022	0.0046	
2/8/2023	0.0059	
8/2/2023	0.0047	
2/7/2024	0.0058	
8/14/2024	0.0053	
2/5/2025	0.0067	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025	0.004 (J)	
2/3/2026		0.0055

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	0.002	
11/28/2006	0.0015	
6/20/2007	0.0021	
7/6/2007	0.0021	
12/13/2007	0.0025	
6/20/2008	0.0017	
12/7/2008	0.0016	
7/10/2009	0.0017	
12/28/2009	0.0018	
6/22/2010	0.0018	
1/4/2011	0.0039	
7/9/2011	0.0041	
1/20/2012	<0.005	
7/11/2012	0.0052	
1/19/2013	0.0025	
7/18/2013	0.0035	
1/15/2014	0.0082	
7/11/2014	0.0048	
1/15/2015	0.0022	
6/19/2015	0.0024	
1/16/2016	0.002	
4/20/2016	<0.005	
6/15/2016	0.0016 (J)	
8/10/2016	0.0016 (J)	
9/27/2016	0.0019 (J)	
11/15/2016	0.0017 (J)	
1/12/2017	0.0017 (J)	
3/1/2017	0.0055	
4/20/2017	0.0016 (J)	
7/20/2017	0.0017 (J)	
1/11/2018	0.0016 (J)	
7/12/2018	0.0015 (J)	
1/30/2019	0.0039	
3/27/2019	0.0019 (J)	
9/11/2019	0.0036	
4/1/2020	0.0019 (J)	
9/16/2020	0.0016 (J)	
3/16/2021	0.0019 (J)	
8/18/2021	0.0037	
2/23/2022	0.0016 (J)	
8/3/2022	0.0019 (J)	
2/7/2023	0.002	
8/2/2023	0.0023	
2/8/2024	0.002	
8/14/2024	0.0021	
2/5/2025	0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.0026	
12/15/2015	0.0017	
12/28/2015	0.0016	
1/14/2016	0.0016	
1/26/2016	0.0016	
4/19/2016	<0.005	
6/16/2016	0.0016 (J)	
8/10/2016	0.0016 (J)	
9/28/2016	<0.005	
11/15/2016	<0.005	
1/16/2017	0.0013 (J)	
3/1/2017	0.0056	
4/25/2017	0.0019 (J)	
7/25/2017	0.0013 (J)	
1/12/2018	0.0017 (J)	
7/11/2018	0.0011 (J)	
1/29/2019	0.0019 (J)	
3/27/2019	0.0014 (J)	
9/11/2019	0.0043	
4/1/2020	0.0018 (J)	
9/16/2020	0.0015 (J)	
3/16/2021	0.0017 (J)	
8/19/2021	0.0015 (J)	
2/23/2022	0.0016 (J)	
8/3/2022	0.0017 (J)	
2/8/2023	0.0026	
8/2/2023	0.0023	
2/7/2024	0.0016 (J)	
8/14/2024	0.0023	
2/4/2025	0.002	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.0008 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	<0.005	
3/1/2017	0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0013 (J)	
3/27/2019	<0.005	
9/11/2019	0.0034	
12/18/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	0.0018 (J)	
2/22/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	0.002	
8/2/2023	0.004	
2/7/2024	<0.005	
8/14/2024	0.0015 (J)	
2/5/2025	0.0019 (J)	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	0.00031 (J)	
8/10/2016	<0.005	
9/27/2016	0.35 (O)	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	0.0044	
4/24/2017	<0.005	
7/25/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	0.0017 (J)	
3/27/2019	<0.005	
9/11/2019	0.0025	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/4/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	0.0013 (J)	
2/5/2025	<0.005	
8/5/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.00023 (J)	
8/10/2016	<0.005	
9/28/2016	<0.005	
11/16/2016	<0.005	
1/17/2017	<0.005	
3/2/2017	0.0017 (J)	
4/25/2017	<0.005	
7/13/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0019 (J)	
3/27/2019	<0.005	
9/11/2019	0.004	
12/18/2019	0.0018 (J)	
4/1/2020	0.0022	
9/15/2020	0.0023	
3/17/2021	0.0027	
8/19/2021	0.0023	
2/23/2022	0.0028	
8/4/2022	0.0029	
2/8/2023	0.0033	
8/3/2023	0.0026	
2/7/2024	0.0029	
8/14/2024	0.0039	
2/5/2025	0.0036	
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	0.0017	
7/6/2007	0.0017	
12/13/2007	0.0021	
6/20/2008	0.0021	
12/7/2008	0.0018	
7/9/2009	0.0024	
12/29/2009	0.0021	
6/22/2010	<0.005	
1/5/2011	0.0034	
7/9/2011	0.0018	
1/21/2012	<0.005	
7/11/2012	0.0038	
1/19/2013	0.0065 (O)	
7/18/2013	0.0029	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/19/2016	<0.005	
6/15/2016	0.00021 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	0.0012 (J)	
3/1/2017	0.0043	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0012 (J)	
3/27/2019	<0.005	
9/11/2019	0.0025	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	0.0013 (J)	
8/2/2023	0.0012 (J)	
2/7/2024	<0.005	
8/14/2024	0.0013 (J)	
2/5/2025	0.0014 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025	<0.005	
2/4/2026		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0017	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	0.0011 (J)	
7/11/2014	0.0012 (J)	
1/16/2015	0.00083 (J)	
6/20/2015	0.0013	
1/16/2016	0.0012 (J)	
4/19/2016	<0.005	
6/14/2016	0.001 (J)	
8/9/2016	0.0012 (J)	
9/26/2016	0.0012 (J)	
11/15/2016	0.0013 (J)	
1/10/2017	0.0011 (J)	
2/28/2017	0.0014 (J)	
4/19/2017	0.0012 (J)	
7/17/2017	0.0013 (J)	
1/10/2018	0.0013 (J)	
7/11/2018	0.0013 (J)	
1/29/2019	0.001 (J)	
3/27/2019	0.0011 (J)	
9/11/2019	0.0015	
4/1/2020	0.0013 (J)	
9/15/2020	0.00099 (J)	
3/16/2021	0.0013 (J)	
8/17/2021	0.0015 (J)	
2/22/2022	0.0015 (J)	
8/2/2022	0.0013 (J)	
2/7/2023	0.0012 (J)	
8/1/2023	0.0015 (J)	
2/6/2024	0.0015 (J)	
8/15/2024	0.0014 (J)	
2/4/2025	0.0014 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025	0.0012 (J)	
2/3/2026		0.0014 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	0.0066 (O)	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	0.00044 (J)	
8/9/2016	0.00042 (J)	
9/27/2016	0.00042 (J)	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.00048 (J)	
4/19/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00035 (J)	
3/27/2019	<0.005	
9/11/2019	0.00039 (J)	
4/1/2020	0.00024 (J)	
9/15/2020	<0.005	
3/16/2021	0.00033 (J)	
8/17/2021	0.00039 (J)	
2/22/2022	0.00037 (J)	
8/2/2022	0.00031 (J)	
2/7/2023	0.00026 (J)	
8/2/2023	0.00032 (J)	
2/6/2024	0.00025 (J)	
8/13/2024	0.00031 (J)	
2/4/2025	0.00024 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	0.013	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	0.0061	
7/11/2012	0.01	
1/20/2013	0.0033	
7/19/2013	<0.005	
1/16/2014	0.0027	
7/10/2014	<0.005	
1/16/2015	0.0077	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	0.0004 (J)	
8/11/2016	0.0046	
9/27/2016	0.001 (J)	
11/14/2016	<0.005	
1/10/2017	0.00044 (J)	
2/28/2017	0.001 (J)	
4/20/2017	0.00059 (J)	
7/18/2017	0.00079 (J)	
1/10/2018	0.0018 (J)	
7/11/2018	0.0044	
1/29/2019	0.0033	
3/26/2019	0.0037	
9/10/2019	0.0031	
3/31/2020	0.0038	
9/16/2020	0.0014 (J)	
3/17/2021	0.0014 (J)	
8/19/2021	0.0013 (J)	
2/23/2022	0.0013 (J)	
8/3/2022	0.0017 (J)	
2/7/2023	0.0013 (J)	
8/1/2023	0.0013 (J)	
2/6/2024	0.0014 (J)	
8/13/2024	0.0011 (J)	
2/3/2025	0.0011 (J)	
8/5/2025	0.00069 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
2/2/2026		0.0013 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	0.011	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0072	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	0.00075 (J)	
7/10/2014	0.0007 (J)	
1/15/2015	0.0007 (J)	
6/19/2015	0.0011 (J)	
1/14/2016	0.00064 (J)	
4/20/2016	<0.005	
6/14/2016	0.0006 (J)	
8/9/2016	0.00062 (J)	
9/27/2016	0.00059 (J)	
11/15/2016	0.00064 (J)	
1/11/2017	0.00064 (J)	
2/28/2017	0.00078 (J)	
4/20/2017	0.00065 (J)	
7/18/2017	0.00069 (J)	
1/10/2018	0.00068 (J)	
7/11/2018	0.00071 (J)	
1/29/2019	0.00064 (J)	
3/26/2019	0.00064 (J)	
9/10/2019	0.00074	
3/31/2020	0.00067 (J)	
9/15/2020	0.0005 (J)	
3/17/2021	0.00083 (J)	
8/19/2021	0.00079 (J)	
2/22/2022	0.00076 (J)	
8/2/2022	0.00085 (J)	
2/7/2023	0.00094 (J)	
8/1/2023	0.00086 (J)	
2/6/2024	0.00086 (J)	
8/13/2024	0.0009 (J)	
2/4/2025	0.00083 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025	0.00071 (J)	
2/2/2026		0.00081 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
1/20/2012	<0.005	
12/7/2015	0.0012 (J)	
12/15/2015	0.00099 (J)	
12/29/2015	0.0012 (J)	
1/13/2016	0.0012 (J)	
1/25/2016	0.00095 (J)	
4/20/2016	<0.005	
6/14/2016	0.00072 (J)	
8/9/2016	0.00041 (J)	
9/27/2016	0.00058 (J)	
11/15/2016	0.00048 (J)	
1/12/2017	0.0014 (J)	
2/28/2017	0.00075 (J)	
4/20/2017	0.0005 (J)	
7/18/2017	0.00051 (J)	
1/10/2018	0.00049 (J)	
7/11/2018	<0.005	
1/29/2019	0.00043 (J)	
3/26/2019	<0.005	
9/10/2019	0.00064	
3/31/2020	0.00034 (J)	
9/15/2020	<0.005	
3/16/2021	0.0005 (J)	
8/18/2021	0.00058 (J)	
2/22/2022	0.00052 (J)	
8/2/2022	0.00044 (J)	
2/6/2023	0.00049 (J)	
8/1/2023	0.00053 (J)	
2/6/2024	0.00049 (J)	
8/13/2024	0.00049 (J)	
2/4/2025	0.00046 (J)	
8/5/2025	<0.005	
2/2/2026		0.00054 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.005	
12/7/2015	0.001 (J)	
12/15/2015	0.00078 (J)	
12/29/2015	0.00094 (J)	
1/13/2016	0.001 (J)	
1/25/2016	0.00085 (J)	
4/20/2016	<0.005	
6/14/2016	0.00048 (J)	
8/9/2016	0.00045 (J)	
9/27/2016	0.00046 (J)	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	0.00051 (J)	
4/20/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00029 (J)	
3/26/2019	<0.005	
9/10/2019	0.00042 (J)	
4/1/2020	0.00033 (J)	
9/15/2020	<0.005	
3/16/2021	0.00035 (J)	
8/17/2021	0.00048 (J)	
2/22/2022	0.00042 (J)	
8/2/2022	0.00038 (J)	
2/7/2023	0.00043 (J)	
8/2/2023	0.00036 (J)	
2/6/2024	0.00041 (J)	
8/13/2024	0.00041 (J)	
2/4/2025	0.00036 (J)	
8/4/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	0.0011 (J)	
12/15/2015	0.0011 (J)	
12/28/2015	0.0016	
1/13/2016	0.0016	
1/25/2016	0.0014	
4/21/2016	<0.005	
6/15/2016	0.00047 (J)	
8/9/2016	<0.005	
9/27/2016	0.00045 (J)	
11/15/2016	0.00048 (J)	
1/11/2017	0.00046 (J)	
2/28/2017	0.00061 (J)	
4/20/2017	0.00042 (J)	
7/19/2017	0.00041 (J)	
1/11/2018	0.00044 (J)	
7/11/2018	0.0004 (J)	
1/29/2019	0.00037 (J)	
3/26/2019	<0.005	
9/11/2019	0.00044 (J)	
4/1/2020	0.00036 (J)	
9/15/2020	<0.005	
3/17/2021	0.0004 (J)	
8/19/2021	0.0004 (J)	
2/22/2022	0.00051 (J)	
8/2/2022	0.00042 (J)	
2/7/2023	0.0004 (J)	
8/1/2023	0.00043 (J)	
2/6/2024	0.00046 (J)	
8/13/2024	0.00051 (J)	
2/4/2025	0.00041 (J)	
8/5/2025	<0.005	
2/3/2026		0.00047 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	0.0012 (J)	
12/14/2015	0.001 (J)	
12/28/2015	0.0012 (J)	
1/13/2016	0.001 (J)	
1/25/2016	0.00089 (J)	
4/20/2016	<0.005	
6/15/2016	0.00063 (J)	
8/9/2016	0.00055 (J)	
9/27/2016	0.00059 (J)	
11/15/2016	0.0005 (J)	
1/11/2017	0.00044 (J)	
3/1/2017	0.00066 (J)	
4/20/2017	0.00045 (J)	
7/19/2017	0.00047 (J)	
1/11/2018	0.00043 (J)	
7/11/2018	0.00043 (J)	
1/29/2019	0.00044 (J)	
3/26/2019	<0.005	
9/10/2019	0.0005	
4/1/2020	0.00036 (J)	
9/15/2020	<0.005	
3/16/2021	0.00047 (J)	
8/17/2021	0.00043 (J)	
2/22/2022	0.00048 (J)	
8/2/2022	0.00049 (J)	
2/7/2023	0.00047 (J)	
8/1/2023	0.00055 (J)	
2/6/2024	0.00045 (J)	
8/13/2024	0.00049 (J)	
2/4/2025	0.00039 (J)	
8/5/2025	<0.005	
2/3/2026		0.00045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.005	
12/8/2015	0.0018	
12/14/2015	0.0016	
12/28/2015	0.0015	
1/13/2016	0.0013	
1/26/2016	0.0012 (J)	
4/20/2016	<0.005	
6/15/2016	0.00073 (J)	
8/9/2016	0.00069 (J)	
9/27/2016	0.00081 (J)	
11/15/2016	0.00071 (J)	
1/11/2017	0.00062 (J)	
3/1/2017	0.00081 (J)	
4/20/2017	0.00053 (J)	
7/19/2017	0.00051 (J)	
1/11/2018	0.00046 (J)	
7/11/2018	<0.005	
1/29/2019	0.00038 (J)	
3/27/2019	<0.005	
9/11/2019	0.00034 (J)	
4/1/2020	0.00023 (J)	
9/15/2020	<0.005	
3/16/2021	0.00027 (J)	
8/19/2021	0.00023 (J)	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	0.00017 (J)	
8/11/2016	<0.005	
9/28/2016	<0.005	
11/16/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	0.0004 (J)	
3/27/2019	<0.005	
9/11/2019	8.2E-05 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0013	
1/20/2013	0.0013	
7/19/2013	0.0015	
1/15/2014	0.0017	
7/11/2014	0.0018	
1/16/2015	0.0019	
6/20/2015	0.002	
1/16/2016	0.0015	
4/20/2016	<0.005	
6/15/2016	0.0015 (J)	
8/10/2016	0.0016 (J)	
9/27/2016	0.0016 (J)	
11/15/2016	0.0015 (J)	
1/12/2017	0.0016 (J)	
3/1/2017	0.0021 (J)	
4/20/2017	0.0018 (J)	
7/19/2017	0.0015 (J)	
1/11/2018	0.0019 (J)	
7/12/2018	0.0018 (J)	
1/30/2019	0.0016 (J)	
3/27/2019	0.0017 (J)	
9/11/2019	0.002	
4/1/2020	0.0016 (J)	
9/15/2020	0.0014 (J)	
3/16/2021	0.0017 (J)	
8/18/2021	0.0018 (J)	
2/23/2022	0.0017 (J)	
8/3/2022	0.00034 (J)	
2/7/2023	0.0016 (J)	
8/2/2023	0.0016 (J)	
2/7/2024	0.0015 (J)	
8/14/2024	0.0016 (J)	
2/5/2025	0.0013 (J)	
8/6/2025	0.0013 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
2/3/2026		0.0015 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/19/2012	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
7/20/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	0.0006 (J)	
1/16/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	1E-05 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0001 (J)	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/14/2024	<0.005	
2/4/2025	<0.005	
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	0.0071	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	0.0037	
1/21/2012	0.0062	
7/11/2012	0.007	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	0.0028	
7/11/2014	<0.005	
1/16/2015	0.0048	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.00011 (J)	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/2/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	0.00016 (J)	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	0.0039	
1/20/2012	<0.005	
7/11/2012	0.012 (O)	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	0.005	
7/11/2014	0.00079 (J)	
1/15/2015	0.00069 (J)	
6/19/2015	0.0007 (J)	
1/16/2016	0.00061 (J)	
4/20/2016	<0.005	
6/15/2016	0.00051 (J)	
8/10/2016	0.00052 (J)	
9/27/2016	0.00077 (J)	
11/15/2016	0.00055 (J)	
1/12/2017	0.0005 (J)	
3/1/2017	0.00079 (J)	
4/20/2017	0.00056 (J)	
7/20/2017	0.00051 (J)	
1/11/2018	0.0006 (J)	
7/12/2018	0.00056 (J)	
1/30/2019	0.0006 (J)	
3/27/2019	0.00051 (J)	
9/11/2019	0.00067	
4/1/2020	0.00051 (J)	
9/16/2020	0.00023 (J)	
3/16/2021	0.00058 (J)	
8/18/2021	0.00065 (J)	
2/23/2022	0.00049 (J)	
8/3/2022	0.00068 (J)	
2/7/2023	0.00058 (J)	
8/2/2023	0.00055 (J)	
2/8/2024	0.00062 (J)	
8/14/2024	0.00066 (J)	
2/5/2025	0.00057 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/6/2025	0.00047 (J)	
2/3/2026		0.00057 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.00084 (J)	
12/15/2015	0.00063 (J)	
12/28/2015	0.00071 (J)	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	6.7E-05 (J)	
8/10/2016	<0.005	
9/28/2016	<0.005	
11/15/2016	<0.005	
1/16/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	9.9E-05 (J)	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.0055	
12/14/2015	0.0073	
12/29/2015	0.0076	
1/14/2016	0.0056	
1/25/2016	0.0061	
4/21/2016	0.00468 (J)	
6/16/2016	0.0032 (J)	
8/10/2016	0.0025	
9/27/2016	0.0023 (J)	
11/15/2016	0.0019 (J)	
1/13/2017	0.0017 (J)	
3/1/2017	0.0021 (J)	
4/25/2017	0.0016 (J)	
7/25/2017	0.0016 (J)	
1/12/2018	0.0014 (J)	
7/11/2018	0.0013 (J)	
1/29/2019	0.00084 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.0014	
4/1/2020	0.00094 (J)	
9/15/2020	0.00097 (J)	
3/16/2021	0.0009 (J)	
8/19/2021	0.00088 (J)	
2/22/2022	0.0009 (J)	
8/3/2022	0.00091 (J)	
2/8/2023	0.00075 (J)	
8/2/2023	0.00082 (J)	
2/7/2024	0.00078 (J)	
8/14/2024	0.00072 (J)	
2/5/2025	0.00067 (J)	
8/5/2025	0.00062 (J)	
2/3/2026		0.00081 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	0.0013	
12/14/2015	0.0014	
12/29/2015	0.0018	
1/14/2016	0.0018	
1/25/2016	0.0019	
4/21/2016	<0.005	
6/16/2016	0.0021 (J)	
8/10/2016	0.0015 (J)	
9/27/2016	0.015 (O)	
11/15/2016	0.0017 (J)	
1/12/2017	0.0014 (J)	
3/1/2017	0.0019 (J)	
4/24/2017	0.0015 (J)	
7/25/2017	0.0014 (J)	
1/11/2018	0.0013 (J)	
7/11/2018	0.0012 (J)	
1/30/2019	0.00099 (J)	
3/27/2019	0.001 (J)	
9/11/2019	0.0012	
4/1/2020	0.00088 (J)	
9/15/2020	0.00088 (J)	
3/17/2021	0.00092 (J)	
8/19/2021	0.00077 (J)	
2/23/2022	0.00079 (J)	
8/4/2022	0.00083 (J)	
2/8/2023	0.00077 (J)	
8/3/2023	0.0007 (J)	
2/7/2024	0.0008 (J)	
8/14/2024	0.00079 (J)	
2/5/2025	0.00077 (J)	
8/5/2025	0.0007 (J)	
2/4/2026		0.00081 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.0019 (J)	
8/10/2016	0.0051	
9/28/2016	0.0058	
11/16/2016	0.0063	
1/17/2017	0.0057	
3/2/2017	0.0095	
4/25/2017	0.0078	
7/13/2017	0.0061	
7/25/2017	0.0074	
1/12/2018	0.0072	
7/12/2018	0.0077	
1/30/2019	0.0061	
3/27/2019	0.006	
9/11/2019	0.0059	
4/1/2020	0.0037	
9/15/2020	0.0032	
3/17/2021	0.0035	
8/19/2021	0.0025	
2/23/2022	0.0026	
8/4/2022	0.0016 (J)	
2/8/2023	0.0014 (J)	
8/3/2023	0.00045 (J)	
2/7/2024	0.0012 (J)	
8/14/2024	0.0013 (J)	
2/5/2025	0.00095 (J)	
8/6/2025	0.001 (J)	
2/4/2026		0.0007 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0013	
1/19/2013	0.0055	
7/18/2013	<0.005	
1/15/2014	0.00052 (J)	
7/10/2014	0.00055 (J)	
1/16/2015	<0.005	
6/20/2015	0.00052 (J)	
1/14/2016	0.00051 (J)	
4/19/2016	<0.005	
6/15/2016	0.00052 (J)	
8/10/2016	0.0006 (J)	
9/27/2016	0.00063 (J)	
11/15/2016	0.00053 (J)	
1/13/2017	0.00052 (J)	
3/1/2017	0.00084 (J)	
4/24/2017	0.00055 (J)	
7/24/2017	0.00058 (J)	
1/12/2018	0.00054 (J)	
7/12/2018	0.00072 (J)	
1/30/2019	0.00066 (J)	
3/27/2019	0.00051 (J)	
9/11/2019	0.00083	
4/1/2020	0.00042 (J)	
9/16/2020	0.00037 (J)	
3/17/2021	0.00092 (J)	
8/19/2021	0.00063 (J)	
2/23/2022	0.00064 (J)	
8/3/2022	0.00034 (J)	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	0.00039 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025	0.00041 (J)	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.002	
9/11/2004	0.003	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/11/2005	<0.002	
12/7/2005	<0.002	
6/23/2006	<0.002	
11/28/2006	<0.002	
6/19/2007	<0.002	
7/6/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/28/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/20/2013	<0.002	
7/19/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	<0.002	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/16/2016	<0.002	
6/14/2016	<0.002	
1/10/2017	<0.002	
7/17/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/17/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024	<0.002	
8/15/2024	<0.002	
2/4/2025	<0.002	
8/5/2025	0.0024	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	0.0029	
10/13/2004	<0.002	
7/11/2005	<0.002	
12/7/2005	<0.002	
6/23/2006	0.0026	
11/28/2006	<0.002	
6/19/2007	0.0034	
7/6/2007	0.0034	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/28/2009	<0.002	
6/22/2010	<0.002	
1/5/2011	0.014 (O)	
7/9/2011	<0.002	
1/20/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/18/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	<0.002	
1/15/2015	<0.002	
6/19/2015	<0.002	
1/16/2016	<0.002	
6/14/2016	<0.002	
1/10/2017	<0.002	
7/18/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00092 (J)	
4/1/2020	<0.002	
9/15/2020	0.00095 (J)	
3/16/2021	<0.002	
8/17/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	<0.002	
2/6/2024	<0.002	
8/13/2024	<0.002	
2/4/2025	<0.002	
8/6/2025	<0.002	
2/2/2026		0.001 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	0.0023	
9/11/2004	<0.002	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/12/2005	<0.002	
12/8/2005	<0.002	
6/24/2006	<0.002	
11/28/2006	<0.002	
6/19/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/30/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/10/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/20/2013	<0.002	
7/19/2013	<0.002	
1/16/2014	<0.002	
7/10/2014	<0.002	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/14/2016	<0.002	
6/14/2016	<0.002	
1/10/2017	<0.002	
7/18/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	0.0021 (J)	
9/10/2019	0.0016 (J)	
3/31/2020	0.0051	
9/16/2020	0.00079 (J)	
3/17/2021	0.0012 (J)	
8/19/2021	0.00087 (J)	
2/23/2022	0.0012 (J)	
8/3/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024	<0.002	
8/13/2024	<0.002	
2/3/2025	<0.002	
8/5/2025	<0.002	
2/2/2026		0.00066 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/12/2005	<0.002	
12/8/2005	<0.002	
6/24/2006	<0.002	
11/28/2006	<0.002	
6/19/2007	<0.002	
7/6/2007	<0.002	
12/14/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/29/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/18/2013	<0.002	
1/15/2014	<0.002	
7/10/2014	<0.002	
1/15/2015	<0.002	
6/19/2015	<0.002	
1/14/2016	0.00084 (J)	
6/14/2016	0.0021 (J)	
1/11/2017	<0.002	
7/18/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/31/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024	<0.002	
8/13/2024	<0.002	
2/4/2025	<0.002	
8/5/2025	<0.002	
2/2/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.002	
1/20/2012	<0.002	
12/7/2015	<0.002	
12/15/2015	<0.002	
12/29/2015	<0.002	
1/13/2016	<0.002	
1/25/2016	<0.002	
6/14/2016	<0.002	
1/12/2017	<0.002	
7/18/2017	<0.002	
1/10/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00066 (J)	
3/31/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/6/2023	<0.002	
8/1/2023	<0.002	
2/6/2024	<0.002	
8/13/2024	<0.002	
2/4/2025	<0.002	
8/5/2025	0.0011 (J)	
2/2/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.002	
12/7/2015	<0.002	
12/15/2015	<0.002	
12/29/2015	<0.002	
1/13/2016	<0.002	
1/25/2016	0.0014 (J)	
6/14/2016	<0.002	
1/11/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00076 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/17/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	<0.002	
2/6/2024	<0.002	
8/13/2024	<0.002	
2/4/2025	<0.002	
8/4/2025	<0.002	
2/2/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	0.00084 (J)	
12/15/2015	<0.002	
12/28/2015	<0.002	
1/13/2016	<0.002	
1/25/2016	<0.002	
6/15/2016	<0.002	
1/11/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024	<0.002	
8/13/2024	<0.002	
2/4/2025	<0.002	
8/5/2025	<0.002	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	0.001 (J)	
12/14/2015	<0.002	
12/28/2015	<0.002	
1/13/2016	<0.002	
1/25/2016	0.00081 (J)	
6/15/2016	<0.002	
1/11/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/17/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/1/2023	<0.002	
2/6/2024	<0.002	
8/13/2024	<0.002	
2/4/2025	<0.002	
8/5/2025	<0.002	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.002	
12/8/2015	0.0021 (J)	
12/14/2015	0.0018 (J)	
12/28/2015	<0.002	
1/13/2016	<0.002	
1/26/2016	<0.002	
6/15/2016	<0.002	
1/11/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0012 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
2/22/2022	<0.002	
8/2/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/6/2024	<0.002	
8/13/2024	<0.002	
2/4/2025	<0.002	
8/5/2025	<0.002	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.002	
12/8/2015	<0.002	
12/14/2015	0.00096 (J)	
12/28/2015	<0.002	
1/14/2016	<0.002	
1/26/2016	<0.002	
6/16/2016	0.00068 (J)	
1/11/2017	<0.002	
7/25/2017	<0.002	
1/12/2018	<0.002	
7/11/2018	<0.002	
1/30/2019	0.0021 (J)	
3/27/2019	<0.002	
9/11/2019	0.0011 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	0.001 (J)	
8/19/2021	0.00089 (J)	
2/23/2022	<0.002	
8/2/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	0.0013 (J)	
2/7/2024	<0.002	
8/14/2024	<0.002	
2/5/2025	<0.002	
8/6/2025	0.0007 (J)	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	<0.002	
7/11/2005	<0.002	
12/7/2005	<0.002	
6/24/2006	<0.002	
11/29/2006	<0.002	
6/20/2007	<0.002	
7/6/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/28/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/20/2013	<0.002	
7/19/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	<0.002	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/16/2016	<0.002	
6/15/2016	<0.002	
1/12/2017	<0.002	
7/19/2017	<0.002	
1/11/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.001 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	<0.002	
2/23/2022	<0.002	
8/3/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	<0.002	
2/7/2024	<0.002	
8/14/2024	<0.002	
2/5/2025	<0.002	
8/6/2025	<0.002	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/12/2005	<0.002	
12/7/2005	<0.002	
6/25/2006	<0.002	
11/28/2006	0.0027	
6/21/2007	<0.002	
7/6/2007	<0.002	
12/14/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/10/2009	<0.002	
12/29/2009	<0.002	
6/22/2010	<0.002	
1/5/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/19/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	0.0014 (J)	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/14/2016	<0.002	
6/15/2016	<0.002	
1/12/2017	<0.002	
7/24/2017	<0.002	
1/11/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
4/2/2020	0.0013 (J)	
9/15/2020	<0.002	
3/17/2021	0.0019 (J)	
8/18/2021	<0.002	
2/23/2022	<0.002	
8/2/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/7/2024	<0.002	
8/14/2024	<0.002	
2/5/2025	<0.002	
8/6/2025	<0.002	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	<0.002	
10/13/2004	<0.002	
7/11/2005	<0.002	
12/7/2005	<0.002	
6/24/2006	<0.002	
11/28/2006	<0.002	
6/20/2007	<0.002	
7/6/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/10/2009	<0.002	
12/28/2009	<0.002	
6/22/2010	<0.002	
1/4/2011	<0.002	
7/9/2011	<0.002	
1/20/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/18/2013	<0.002	
1/15/2014	<0.002	
7/11/2014	<0.002	
1/15/2015	<0.002	
6/19/2015	<0.002	
1/16/2016	<0.002	
6/15/2016	<0.002	
1/12/2017	<0.002	
7/20/2017	<0.002	
1/11/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00069 (J)	
4/1/2020	<0.002	
9/16/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	0.00096 (J)	
2/23/2022	<0.002	
8/3/2022	<0.002	
2/7/2023	<0.002	
8/2/2023	<0.002	
2/8/2024	<0.002	
8/14/2024	<0.002	
2/5/2025	<0.002	
8/6/2025	<0.002	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.002	
12/15/2015	<0.002	
12/28/2015	<0.002	
1/14/2016	<0.002	
1/26/2016	<0.002	
6/16/2016	0.00024 (J)	
1/16/2017	<0.002	
7/25/2017	<0.002	
1/12/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00085 (J)	
4/1/2020	<0.002	
9/16/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
2/23/2022	<0.002	
8/3/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/7/2024	<0.002	
8/14/2024	<0.002	
2/4/2025	<0.002	
8/5/2025	<0.002	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.002	
12/14/2015	<0.002	
12/29/2015	<0.002	
1/14/2016	<0.002	
1/25/2016	<0.002	
6/16/2016	0.00032 (J)	
1/13/2017	<0.002	
7/25/2017	<0.002	
1/12/2018	<0.002	
7/11/2018	<0.002	
1/29/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0012 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
2/22/2022	<0.002	
8/3/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/7/2024	<0.002	
8/14/2024	<0.002	
2/5/2025	<0.002	
8/5/2025	0.001 (J)	
2/3/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.002	
12/14/2015	<0.002	
12/29/2015	0.00082 (J)	
1/14/2016	0.0064 (O)	
1/25/2016	<0.002	
6/16/2016	0.00042 (J)	
1/12/2017	<0.002	
7/25/2017	<0.002	
1/11/2018	<0.002	
7/11/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00066 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
2/23/2022	<0.002	
8/4/2022	<0.002	
2/8/2023	<0.002	
8/3/2023	<0.002	
2/7/2024	<0.002	
8/14/2024	<0.002	
2/5/2025	<0.002	
8/5/2025	0.00086 (J)	
2/4/2026		0.0007 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.0011 (J)	
1/17/2017	<0.002	
7/25/2017	<0.002	
1/12/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00092 (J)	
4/1/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	0.0013 (J)	
2/23/2022	<0.002	
8/4/2022	<0.002	
2/8/2023	<0.002	
8/3/2023	<0.002	
2/7/2024	<0.002	
8/14/2024	<0.002	
2/5/2025	<0.002	
8/6/2025	<0.002	
2/4/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.002	
9/11/2004	<0.002	
9/26/2004	0.0021	
10/13/2004	<0.002	
7/12/2005	<0.002	
12/8/2005	<0.002	
6/25/2006	<0.002	
11/29/2006	<0.002	
6/20/2007	<0.002	
7/6/2007	<0.002	
12/13/2007	<0.002	
6/20/2008	<0.002	
12/7/2008	<0.002	
7/9/2009	<0.002	
12/29/2009	<0.002	
6/22/2010	<0.002	
1/5/2011	<0.002	
7/9/2011	<0.002	
1/21/2012	<0.002	
7/11/2012	<0.002	
1/19/2013	<0.002	
7/18/2013	<0.002	
1/15/2014	<0.002	
7/10/2014	<0.002	
1/16/2015	<0.002	
6/20/2015	<0.002	
1/14/2016	<0.002	
6/15/2016	<0.002	
1/13/2017	<0.002	
7/24/2017	<0.002	
1/12/2018	<0.002	
7/12/2018	<0.002	
1/30/2019	0.002 (J)	
3/27/2019	<0.002	
9/11/2019	0.00092 (J)	
4/1/2020	<0.002	
9/16/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
2/23/2022	<0.002	
8/3/2022	<0.002	
2/8/2023	<0.002	
8/2/2023	<0.002	
2/7/2024	<0.002	
8/14/2024	<0.002	
2/5/2025	<0.002	
8/6/2025	<0.002	
2/4/2026		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/26/2016	<0.001	
11/15/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/17/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00024 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	0.00081 (J)	
2/22/2022	0.0054	
8/2/2022	0.00043 (J)	
2/7/2023	0.0015	
8/1/2023	0.00088 (J)	
2/6/2024	0.0022	
8/15/2024	0.0007 (J)	
2/4/2025	0.00083 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	0.014	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	9.8E-05 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	0.015	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/30/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/11/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00026 (J)	
3/26/2019	<0.001	
9/10/2019	0.00051 (J)	
3/31/2020	0.00024 (J)	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	0.00019 (J)	
8/3/2022	0.0037	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/3/2025	<0.001	
8/5/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	0.00019 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	0.00041 (J)	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00011 (J)	
3/26/2019	<0.001	
9/10/2019	0.00074 (J)	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/5/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.001	
1/20/2012	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00043 (J)	
3/26/2019	<0.001	
9/10/2019	0.00058 (J)	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/6/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00011 (J)	
3/26/2019	<0.001	
9/10/2019	0.00013 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	0.00021 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/4/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.001	
12/15/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/15/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00014 (J)	
3/26/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00018 (J)	
3/26/2019	<0.001	
9/10/2019	0.00013 (J)	
4/1/2020	<0.001	
9/15/2020	0.00024 (J)	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	0.00024 (J)	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/26/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	<0.001	
1/26/2016	<0.001	
4/19/2016	<0.001	
6/16/2016	0.00015 (J)	
8/11/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00067 (J)	
3/27/2019	<0.001	
9/11/2019	0.00017 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	0.00015 (J)	
8/19/2021	0.00037 (J)	
2/23/2022	0.00026 (J)	
8/2/2022	0.00029 (J)	
2/7/2023	0.00035 (J)	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/25/2006	<0.001	
11/28/2006	<0.001	
6/21/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	0.0002 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	0.00037 (J)	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/2/2020	0.00025 (J)	
9/15/2020	<0.001	
3/17/2021	0.00031 (J)	
8/18/2021	<0.001	
2/23/2022	0.00017 (J)	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.001	
12/15/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	<0.001	
1/26/2016	<0.001	
4/19/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/15/2016	<0.001	
1/16/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00011 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00012 (J)	
3/27/2019	<0.001	
9/11/2019	0.00024 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	0.00079 (J)	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00021 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/5/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/17/2017	<0.001	
3/2/2017	<0.001	
4/25/2017	<0.001	
7/13/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00013 (J)	
3/27/2019	<0.001	
9/11/2019	0.00018 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	0.00034 (J)	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.0025	
9/11/2004	<0.0025	
9/26/2004	<0.0025	
10/13/2004	<0.0025	
7/11/2005	<0.0025	
12/7/2005	<0.0025	
6/23/2006	<0.0025	
11/28/2006	<0.0025	
6/19/2007	<0.0025	
7/6/2007	<0.0025	
12/13/2007	<0.0025	
6/20/2008	<0.0025	
12/7/2008	<0.0025	
7/9/2009	0.0043	
12/28/2009	<0.0025	
6/22/2010	<0.0025	
1/4/2011	<0.0025	
7/9/2011	<0.0025	
1/21/2012	<0.0025	
7/11/2012	<0.0025	
1/20/2013	<0.0025	
7/19/2013	<0.0025	
1/15/2014	0.0016 (J)	
7/11/2014	<0.0025	
1/16/2015	<0.0025	
6/20/2015	<0.0025	
1/16/2016	<0.0025	
6/14/2016	0.0006 (J)	
1/10/2017	<0.0025	
7/17/2017	<0.0025	
1/10/2018	0.0026	
7/11/2018	<0.0025	
1/29/2019	0.00063 (J)	
3/27/2019	<0.0025	
9/11/2019	0.00091 (J)	
4/1/2020	0.00077 (J)	
9/15/2020	0.00094 (J)	
3/16/2021	0.00072 (J)	
8/17/2021	0.00097 (J)	
2/22/2022	0.00092 (J)	
8/2/2022	0.00086 (J)	
2/7/2023	0.00083 (J)	
8/1/2023	0.001	
2/6/2024	0.0011	
8/15/2024	0.001	
2/4/2025	0.0011	
8/5/2025	0.00081 (J)	
2/3/2026		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	0.03 (O)	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	0.025 (O)	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
6/14/2016	<0.005	
1/10/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00034 (J)	
3/27/2019	<0.005	
9/11/2019	0.00045 (J)	
4/1/2020	<0.005	
9/15/2020	0.00038 (J)	
3/16/2021	<0.005	
8/17/2021	0.00047 (J)	
2/22/2022	<0.005	
8/2/2022	0.00054 (J)	
2/7/2023	<0.005	
8/2/2023	0.00046 (J)	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/6/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	0.0048	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	0.0026	
7/11/2012	0.0072	
1/20/2013	0.0025	
7/19/2013	<0.005	
1/16/2014	0.0031	
7/10/2014	<0.005	
1/16/2015	0.0024 (J)	
6/20/2015	<0.005	
1/14/2016	<0.005	
6/14/2016	0.0013 (J)	
1/10/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	0.003	
1/29/2019	0.0021 (J)	
3/26/2019	0.0021 (J)	
9/10/2019	0.002	
3/31/2020	0.0028	
9/16/2020	0.00096 (J)	
3/17/2021	0.00083 (J)	
8/19/2021	0.00065 (J)	
2/23/2022	<0.005	
8/3/2022	0.00078 (J)	
2/7/2023	<0.005	
8/1/2023	0.00065 (J)	
2/6/2024	<0.005	
8/13/2024	0.00076 (J)	
2/3/2025	0.00044 (J)	
8/5/2025	<0.005	
2/2/2026		0.00058 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	0.003	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	0.0031	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/14/2016	<0.001	
6/14/2016	0.00054 (J)	
1/11/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00043 (J)	
3/31/2020	<0.001	
9/15/2020	0.00056 (J)	
3/17/2021	0.00041 (J)	
8/19/2021	0.00043 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	0.00046 (J)	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	0.0022	
2/4/2025	0.00065 (J)	
8/5/2025	0.00075 (J)	
2/2/2026		0.00057 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/14/2016	<0.005	
1/12/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00033 (J)	
3/26/2019	<0.005	
9/10/2019	0.0004 (J)	
3/31/2020	<0.005	
9/15/2020	0.00037 (J)	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	0.00043 (J)	
2/6/2024	0.00084 (J)	
8/13/2024	0.00046 (J)	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/2/2026		0.00045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/14/2016	0.00052 (J)	
1/11/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0004 (J)	
3/26/2019	<0.005	
9/10/2019	0.00056 (J)	
4/1/2020	0.00043 (J)	
9/15/2020	0.00075 (J)	
3/16/2021	0.00045 (J)	
8/17/2021	0.00061 (J)	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	0.00061 (J)	
8/2/2023	0.00057 (J)	
2/6/2024	<0.005	
8/13/2024	0.00061 (J)	
2/4/2025	0.00052 (J)	
8/4/2025	<0.005	
2/2/2026		0.00065 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/15/2016	<0.005	
1/11/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.00046 (J)	
3/26/2019	<0.005	
9/11/2019	0.00042 (J)	
4/1/2020	<0.005	
9/15/2020	0.00047 (J)	
3/17/2021	0.00047 (J)	
8/19/2021	<0.005	
2/22/2022	0.00061 (J)	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	0.00056 (J)	
2/4/2025	0.0005 (J)	
8/5/2025	<0.005	
2/3/2026		0.00046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
6/15/2016	<0.001	
1/11/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.0004 (J)	
3/26/2019	<0.001	
9/10/2019	0.00036 (J)	
4/1/2020	<0.001	
9/15/2020	0.00045 (J)	
3/16/2021	0.00043 (J)	
8/17/2021	0.00052 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	0.00054 (J)	
8/1/2023	0.00044 (J)	
2/6/2024	<0.001	
8/13/2024	0.00058 (J)	
2/4/2025	0.00052 (J)	
8/5/2025	0.00042 (J)	
2/3/2026		0.00061 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.0025	
12/8/2015	0.0036	
12/14/2015	0.0035	
12/28/2015	0.0032	
1/13/2016	0.0029	
1/26/2016	0.0027	
6/15/2016	0.0018 (J)	
1/11/2017	0.002 (J)	
7/19/2017	0.002 (J)	
1/11/2018	0.0019 (J)	
7/11/2018	<0.0025	
1/29/2019	0.0016 (J)	
3/27/2019	0.0018 (J)	
9/11/2019	0.0018	
4/1/2020	0.0016	
9/15/2020	0.0016	
3/16/2021	0.0015	
8/19/2021	0.0017	
2/22/2022	0.0017	
8/2/2022	0.0019	
2/8/2023	0.0017	
8/2/2023	0.0018	
2/6/2024	0.0015	
8/13/2024	0.002	
2/4/2025	0.0019	
8/5/2025	0.0019 (J)	
2/3/2026		0.002 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	0.0019 (J)	
12/28/2015	0.0018 (J)	
1/14/2016	0.0017 (J)	
1/26/2016	0.0019 (J)	
6/16/2016	0.0014 (J)	
1/11/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.0019 (J)	
3/27/2019	<0.001	
9/11/2019	0.0012	
4/1/2020	0.00095	
9/15/2020	0.00092 (J)	
3/17/2021	0.0011	
8/19/2021	0.0011	
2/23/2022	0.001	
8/2/2022	0.00086 (J)	
2/7/2023	0.0011	
8/2/2023	0.00075 (J)	
2/7/2024	<0.001	
8/14/2024	0.00073 (J)	
2/5/2025	0.0008 (J)	
8/6/2025	0.00084 (J)	
2/3/2026		0.00071 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.0025	
9/11/2004	<0.0025	
9/26/2004	<0.0025	
7/11/2005	<0.0025	
12/7/2005	<0.0025	
6/24/2006	<0.0025	
11/29/2006	<0.0025	
6/20/2007	<0.0025	
7/6/2007	<0.0025	
12/13/2007	<0.0025	
6/20/2008	<0.0025	
12/7/2008	<0.0025	
7/9/2009	<0.0025	
12/28/2009	<0.0025	
6/22/2010	<0.0025	
1/4/2011	<0.0025	
7/9/2011	<0.0025	
1/21/2012	<0.0025	
7/11/2012	<0.0025	
1/20/2013	<0.0025	
7/19/2013	<0.0025	
1/15/2014	0.0013 (J)	
7/11/2014	0.0013 (J)	
1/16/2015	<0.0025	
6/20/2015	0.0016 (J)	
1/16/2016	<0.0025	
6/15/2016	0.00088 (J)	
1/12/2017	<0.0025	
7/19/2017	<0.0025	
1/11/2018	<0.0025	
7/12/2018	<0.0025	
1/30/2019	0.0013 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0013	
4/1/2020	0.00099 (J)	
9/15/2020	0.0012	
3/16/2021	0.0012	
8/18/2021	0.0014	
2/23/2022	0.0012	
8/3/2022	0.0013	
2/7/2023	0.0012	
8/2/2023	0.0014	
2/7/2024	0.0016	
8/14/2024	0.0013	
2/5/2025	0.00098 (J)	
8/6/2025	0.00099 (J)	
2/3/2026		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	0.0013 (J)	
1/16/2016	<0.005	
6/16/2016	<0.005	
1/12/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	0.0013	
3/16/2021	0.00043 (J)	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	0.0011	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/4/2025	<0.005	
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0049	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	0.0025	
7/11/2014	0.0029	
1/16/2015	0.0014 (J)	
6/20/2015	<0.005	
1/14/2016	<0.005	
6/15/2016	0.00085 (J)	
1/12/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.00033 (J)	
3/27/2019	<0.005	
9/11/2019	0.00042 (J)	
4/2/2020	0.0009 (J)	
9/15/2020	0.00063 (J)	
3/17/2021	0.00077 (J)	
8/18/2021	0.00034 (J)	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	0.00043 (J)	
8/6/2025	<0.005	
2/3/2026		0.00063 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.0025	
9/11/2004	<0.0025	
9/26/2004	<0.0025	
10/13/2004	<0.0025	
7/11/2005	<0.0025	
12/7/2005	<0.0025	
6/24/2006	<0.0025	
11/28/2006	<0.0025	
6/20/2007	<0.0025	
7/6/2007	<0.0025	
12/13/2007	<0.0025	
6/20/2008	<0.0025	
12/7/2008	<0.0025	
7/10/2009	<0.0025	
12/28/2009	<0.0025	
6/22/2010	<0.0025	
1/4/2011	<0.0025	
7/9/2011	<0.0025	
1/20/2012	<0.0025	
7/11/2012	0.0057	
1/19/2013	<0.0025	
7/18/2013	<0.0025	
1/15/2014	0.0043	
7/11/2014	0.0026	
1/15/2015	<0.0025	
6/19/2015	<0.0025	
1/16/2016	<0.0025	
6/15/2016	0.00068 (J)	
1/12/2017	<0.0025	
7/20/2017	<0.0025	
1/11/2018	<0.0025	
7/12/2018	<0.0025	
1/30/2019	0.0011 (J)	
3/27/2019	<0.0025	
9/11/2019	0.001	
4/1/2020	0.0008 (J)	
9/16/2020	0.00088 (J)	
3/16/2021	0.00093 (J)	
8/18/2021	0.00097 (J)	
2/23/2022	0.0011	
8/3/2022	0.0064	
2/7/2023	0.00082 (J)	
8/2/2023	0.00091 (J)	
2/8/2024	0.0014	
8/14/2024	0.00095 (J)	
2/5/2025	0.00087 (J)	
8/6/2025	0.00084 (J)	
2/3/2026		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.0022 (J)	
12/15/2015	0.0019 (J)	
12/28/2015	0.0017 (J)	
1/14/2016	0.0029	
1/26/2016	0.0014 (J)	
6/16/2016	0.0013 (J)	
1/16/2017	0.0018 (J)	
7/25/2017	0.002 (J)	
1/12/2018	0.002 (J)	
7/11/2018	0.0018 (J)	
1/29/2019	0.0017 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0018	
4/1/2020	0.0014	
9/16/2020	0.0012	
3/16/2021	0.0012	
8/19/2021	0.0012	
2/23/2022	0.0011	
8/3/2022	0.0051	
2/8/2023	0.0012	
8/2/2023	0.0012	
2/7/2024	0.0008 (J)	
8/14/2024	0.0012	
2/4/2025	0.001	
8/5/2025	0.00097 (J)	
2/3/2026		0.0011 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.0042	
12/14/2015	0.0067	
12/29/2015	0.0067	
1/14/2016	0.0039	
1/25/2016	0.0049	
6/16/2016	0.003 (J)	
1/13/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	0.00093 (J)	
3/27/2019	<0.001	
9/11/2019	0.0014	
4/1/2020	0.001	
9/15/2020	0.0011	
3/16/2021	0.00093 (J)	
8/19/2021	0.00092 (J)	
2/22/2022	0.00092 (J)	
8/3/2022	0.001	
2/8/2023	0.00083 (J)	
8/2/2023	0.0018	
2/7/2024	<0.001	
8/14/2024	0.00091 (J)	
2/5/2025	0.00081 (J)	
8/5/2025	0.0018 (J)	
2/3/2026		0.001 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
6/16/2016	0.0012 (J)	
1/12/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00071 (J)	
3/27/2019	<0.001	
9/11/2019	0.00097 (J)	
4/1/2020	0.00067 (J)	
9/15/2020	0.0007 (J)	
3/17/2021	0.00068 (J)	
8/19/2021	0.00067 (J)	
2/23/2022	0.00071 (J)	
8/4/2022	0.00065 (J)	
2/8/2023	0.00064 (J)	
8/3/2023	0.00074 (J)	
2/7/2024	<0.001	
8/14/2024	0.00065 (J)	
2/5/2025	0.00065 (J)	
8/5/2025	0.00049 (J)	
2/4/2026		0.00074 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.0009 (J)	
1/17/2017	<0.0025	
7/25/2017	0.002 (J)	
1/12/2018	0.0023 (J)	
7/12/2018	0.0026	
1/30/2019	0.0019 (J)	
3/27/2019	0.0018 (J)	
9/11/2019	0.0023	
4/1/2020	0.0013	
9/15/2020	0.0013	
3/17/2021	0.0014	
8/19/2021	0.0013	
2/23/2022	0.0013	
8/4/2022	0.0016	
2/8/2023	0.0013	
8/3/2023	0.0013	
2/7/2024	0.00065 (J)	
8/14/2024	0.0013	
2/5/2025	0.0011	
8/6/2025	0.0012 (J)	
2/4/2026		0.001 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/25/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	0.003	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	0.0033	
1/19/2013	0.0026	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
6/15/2016	<0.001	
1/13/2017	<0.001	
7/24/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00063 (J)	
3/27/2019	<0.001	
9/11/2019	0.00065 (J)	
4/1/2020	<0.001	
9/16/2020	0.00075 (J)	
3/17/2021	0.0006 (J)	
8/19/2021	0.00038 (J)	
2/23/2022	0.00076 (J)	
8/3/2022	0.0015	
2/8/2023	0.00084 (J)	
8/2/2023	0.00077 (J)	
2/7/2024	<0.001	
8/14/2024	0.00089 (J)	
2/5/2025	0.00078 (J)	
8/6/2025	0.00059 (J)	
2/4/2026		0.00069 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/26/2016	<0.005	
11/15/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	<0.005	
4/19/2017	0.00065 (J)	
7/17/2017	0.00047 (J)	
1/10/2018	0.00052 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/15/2024	<0.005	
2/4/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
4/19/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	0.00045 (J)	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.0027	
4/19/2017	0.002	
7/18/2017	0.0017	
1/10/2018	0.00079 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/6/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/11/2016	<0.005	
9/27/2016	<0.005	
11/14/2016	<0.005	
1/10/2017	<0.005	
2/28/2017	0.0024	
4/20/2017	<0.005	
7/18/2017	0.00026 (J)	
1/10/2018	0.00069 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/31/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/3/2025	<0.005	
8/5/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/18/2017	<0.005	
1/10/2018	0.00025 (J)	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/15/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
2/28/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00071 (J)	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/9/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00025 (J)	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
9/28/2016	<0.005	
11/16/2016	<0.005	
1/11/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	<0.005	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	0.00044 (J)	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/12/2017	0.00035 (J)	
3/1/2017	<0.005	
4/20/2017	<0.005	
7/19/2017	0.00026 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	0.00026 (J)	
9/27/2016	0.00024 (J)	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/4/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/6/2025	<0.005	
2/4/2026		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/20/2016	<0.005	
6/15/2016	0.00052 (J)	
8/10/2016	0.00053 (J)	
9/27/2016	0.00047 (J)	
11/15/2016	<0.005	
1/12/2017	0.00025 (J)	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	0.00032 (J)	
1/11/2018	<0.005	
7/12/2018	0.00025 (J)	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/2/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/6/2025	<0.005	
2/3/2026		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/14/2016	<0.005	
1/26/2016	<0.005	
4/19/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	<0.005	
9/28/2016	<0.005	
11/15/2016	<0.005	
1/16/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	0.00052 (J)	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	<0.005	
3/1/2017	<0.005	
4/25/2017	0.0021	
7/25/2017	<0.005	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
4/21/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	0.00043 (J)	
11/15/2016	<0.005	
1/12/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/25/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/4/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/5/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	0.0058	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
4/19/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
9/27/2016	<0.005	
11/15/2016	<0.005	
1/13/2017	<0.005	
3/1/2017	<0.005	
4/24/2017	<0.005	
7/24/2017	<0.005	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
6/19/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/15/2015	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
6/14/2016	<0.001	
1/10/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/6/2025	<0.001	
2/2/2026		0.00054 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	<0.001	
1/26/2016	<0.001	
6/16/2016	<0.001	
1/11/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00029 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
6/15/2016	<0.001	
1/12/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00021 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
6/16/2016	<0.001	
1/12/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/4/2025	<0.001	
8/6/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/25/2006	<0.001	
11/28/2006	<0.001	
6/21/2007	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
7/11/2014	0.00061 (J)	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
6/15/2016	<0.001	
1/12/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00016 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/2/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
6/16/2016	<0.001	
1/12/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/5/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.001	
1/17/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00012 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/25/2006	<0.001	
11/29/2006	<0.001	
6/20/2007	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
7/10/2014	<0.001	
1/16/2015	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
6/15/2016	<0.001	
1/13/2017	<0.001	
7/24/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	0.00018 (J)	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/26/2016	<0.001	
11/15/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/17/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	0.00017 (J)	
9/15/2020	0.00029 (J)	
3/16/2021	<0.001	
8/17/2021	0.00062 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/15/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/23/2006	<0.001	
11/28/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
4/19/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/19/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	0.00017 (J)	
3/16/2021	<0.001	
8/17/2021	0.00015 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/6/2025	<0.001	
2/2/2026		0.00035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/30/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	3.6E-05 (J)	
8/11/2016	<0.001	
9/27/2016	<0.001	
11/14/2016	<0.001	
1/10/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00033 (J)	
3/31/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/3/2025	<0.001	
8/5/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.001	
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	0.0001 (J)	
1/13/2016	6E-05 (J)	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/18/2017	<0.001	
1/10/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00057 (J)	
3/31/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	0.00016 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/6/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
12/7/2015	<0.001	
12/15/2015	<0.001	
12/29/2015	<0.001	
1/13/2016	7.9E-05 (J)	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
2/28/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
4/1/2020	0.00018 (J)	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	0.0006 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/4/2025	<0.001	
2/2/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.001	
12/14/2015	<0.001	
12/28/2015	<0.001	
1/13/2016	<0.001	
1/25/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0002 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/17/2021	0.00025 (J)	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/1/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.001	
12/8/2015	0.0001 (J)	
12/14/2015	9E-05 (J)	
12/28/2015	9E-05 (J)	
1/13/2016	0.0001 (J)	
1/26/2016	9.5E-05 (J)	
4/20/2016	<0.001	
6/15/2016	3.8E-05 (J)	
8/9/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/11/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/19/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/6/2024	<0.001	
8/13/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.001	
12/8/2015	0.0001 (J)	
12/14/2015	0.0001 (J)	
12/28/2015	0.0001 (J)	
1/14/2016	0.000137 (J)	
1/26/2016	0.000142 (J)	
4/19/2016	<0.001	
6/16/2016	0.00013 (J)	
8/11/2016	0.00011 (J)	
9/28/2016	0.00012 (J)	
11/16/2016	<0.001	
1/11/2017	9.5E-05 (J)	
3/1/2017	0.00011 (J)	
4/25/2017	0.00012 (J)	
7/25/2017	0.00011 (J)	
1/12/2018	0.00011 (J)	
7/11/2018	9.5E-05 (J)	
1/30/2019	0.00012 (J)	
3/27/2019	<0.001	
9/11/2019	0.00018 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	0.00016 (J)	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/29/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/10/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/20/2013	<0.001	
7/19/2013	<0.001	
1/16/2014	<0.001	
6/20/2015	<0.001	
1/16/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0002 (J)	
4/1/2020	0.00031 (J)	
9/15/2020	<0.001	
3/16/2021	0.00037 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/4/2025	<0.001	
8/6/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/7/2005	<0.001	
6/25/2006	<0.001	
11/28/2006	<0.001	
7/6/2007	<0.001	
12/14/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/19/2013	<0.001	
1/15/2014	<0.001	
6/20/2015	<0.001	
1/14/2016	6.1E-05 (J)	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
4/2/2020	0.00028 (J)	
9/15/2020	<0.001	
3/17/2021	0.00047 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/2/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/11/2005	<0.001	
12/7/2005	<0.001	
6/24/2006	<0.001	
11/28/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/10/2009	<0.001	
12/28/2009	<0.001	
6/22/2010	<0.001	
1/4/2011	<0.001	
7/9/2011	<0.001	
1/20/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
6/19/2015	<0.001	
1/16/2016	<0.001	
4/20/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/20/2017	<0.001	
7/20/2017	<0.001	
1/11/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00017 (J)	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/16/2021	0.00022 (J)	
8/18/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/7/2023	<0.001	
8/2/2023	<0.001	
2/8/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	<0.001	
12/15/2015	<0.001	
12/28/2015	<0.001	
1/14/2016	7.9E-05 (J)	
1/26/2016	<0.001	
4/19/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/15/2016	<0.001	
1/16/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00019 (J)	
4/1/2020	<0.001	
9/16/2020	0.00026 (J)	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/4/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.0001 (J)	
12/14/2015	9E-05 (J)	
12/29/2015	0.0001 (J)	
1/14/2016	0.000118 (J)	
1/25/2016	0.000102 (J)	
4/21/2016	<0.001	
6/16/2016	5.2E-05 (J)	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/25/2017	<0.001	
7/25/2017	<0.001	
1/12/2018	<0.001	
7/11/2018	<0.001	
1/29/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00034 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
2/22/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/5/2025	<0.001	
2/3/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.001	
12/14/2015	<0.001	
12/29/2015	<0.001	
1/14/2016	<0.001	
1/25/2016	<0.001	
4/21/2016	<0.001	
6/16/2016	2.7E-05 (J)	
8/10/2016	<0.001	
9/27/2016	0.00016 (J)	
11/15/2016	<0.001	
1/12/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/25/2017	<0.001	
1/11/2018	<0.001	
7/11/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00041 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/5/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	<0.001	
8/10/2016	<0.001	
9/28/2016	<0.001	
11/16/2016	<0.001	
1/17/2017	<0.001	
3/2/2017	<0.001	
4/25/2017	<0.001	
7/13/2017	<0.001	
7/25/2017	9E-05 (J)	
1/12/2018	0.00011 (J)	
7/12/2018	0.0001 (J)	
1/30/2019	0.00016 (J)	
3/27/2019	0.00011 (J)	
9/11/2019	0.00034 (J)	
4/1/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/4/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	0.00053 (J)	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.001	
9/11/2004	<0.001	
9/26/2004	<0.001	
10/13/2004	<0.001	
7/12/2005	<0.001	
12/8/2005	<0.001	
6/25/2006	<0.001	
11/29/2006	<0.001	
7/6/2007	<0.001	
12/13/2007	<0.001	
6/20/2008	<0.001	
12/7/2008	<0.001	
7/9/2009	<0.001	
12/29/2009	<0.001	
6/22/2010	<0.001	
1/5/2011	<0.001	
7/9/2011	<0.001	
1/21/2012	<0.001	
7/11/2012	<0.001	
1/19/2013	<0.001	
7/18/2013	<0.001	
1/15/2014	<0.001	
6/20/2015	<0.001	
1/14/2016	<0.001	
4/19/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
9/27/2016	<0.001	
11/15/2016	<0.001	
1/13/2017	<0.001	
3/1/2017	<0.001	
4/24/2017	<0.001	
7/24/2017	<0.001	
1/12/2018	<0.001	
7/12/2018	<0.001	
1/30/2019	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00023 (J)	
4/1/2020	<0.001	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
2/23/2022	<0.001	
8/3/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/7/2024	<0.001	
8/14/2024	<0.001	
2/5/2025	<0.001	
8/6/2025	<0.001	
2/4/2026		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	0.0051	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/16/2016	<0.005	
6/14/2016	0.00044 (J)	
1/10/2017	0.0014 (J)	
7/17/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.0019 (J)	
9/11/2019	0.0014	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	0.001	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/15/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/23/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	0.0031	
7/6/2007	0.0031	
12/13/2007	<0.005	
6/20/2008	0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	0.056 (O)	
7/9/2011	0.0033	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
6/14/2016	0.00027 (J)	
1/10/2017	0.0015 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.0047	
9/11/2019	0.0012	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/6/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	0.0033	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/30/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
6/14/2016	0.00028 (J)	
1/10/2017	0.0014 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0027	
9/10/2019	0.0018	
3/31/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	0.00097 (J)	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/3/2025	<0.005	
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/19/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	0.0035 (J)	
1/14/2016	<0.005	
6/14/2016	0.00047 (J)	
1/11/2017	0.0016 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0015 (J)	
9/10/2019	0.0018	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/14/2016	0.00055 (J)	
1/12/2017	0.0018 (J)	
7/18/2017	<0.005	
1/10/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	0.0018 (J)	
3/26/2019	<0.005	
9/10/2019	0.0027	
12/17/2019	0.0012	
3/31/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/6/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	<0.005	
12/7/2015	<0.005	
12/15/2015	<0.005	
12/29/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/14/2016	0.00033 (J)	
1/11/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	<0.005	
9/10/2019	0.002	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/4/2025	<0.005	
2/2/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	<0.005	
12/15/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/15/2016	0.0003 (J)	
1/11/2017	0.0017 (J)	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0041	
9/11/2019	0.0016	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	<0.005	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/25/2016	<0.005	
6/15/2016	0.00015 (J)	
1/11/2017	0.0015 (J)	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/26/2019	0.0019 (J)	
9/10/2019	0.0019	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/17/2021	<0.005	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/7/2023	<0.005	
8/1/2023	<0.005	
2/6/2024	0.00063 (J)	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	<0.005	
12/8/2015	<0.005	
12/14/2015	<0.005	
12/28/2015	<0.005	
1/13/2016	<0.005	
1/26/2016	<0.005	
6/15/2016	0.00047 (J)	
1/11/2017	<0.005	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.004	
9/11/2019	0.0018	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	0.0013	
2/22/2022	<0.005	
8/2/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/6/2024	0.00082 (J)	
8/13/2024	<0.005	
2/4/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	<0.01	
12/8/2015	0.0023 (J)	
12/14/2015	0.0028 (J)	
12/28/2015	0.0024 (J)	
1/14/2016	0.0022 (J)	
1/26/2016	0.0022 (J)	
6/16/2016	0.0041 (J)	
1/11/2017	0.003	
7/25/2017	0.0055	
1/12/2018	0.0022 (J)	
7/11/2018	0.0016 (J)	
1/30/2019	0.0042	
3/27/2019	0.0074	
9/11/2019	0.0037	
4/1/2020	0.0024	
9/15/2020	0.0022	
3/17/2021	0.0026	
8/19/2021	0.003	
2/23/2022	0.0025	
8/2/2022	0.0028	
2/7/2023	0.0038	
8/2/2023	0.0031	
2/7/2024	0.0034	
8/14/2024	0.0028	
2/5/2025	0.0026	
8/6/2025	0.0027 (J)	
2/3/2026		0.0037 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	0.0032	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	0.0017 (J)	
1/16/2016	<0.005	
6/15/2016	0.00031 (J)	
1/12/2017	0.0031	
7/19/2017	<0.005	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0012 (J)	
3/27/2019	<0.005	
9/11/2019	0.0013	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	0.0011	
2/23/2022	<0.005	
8/3/2022	<0.005	
2/7/2023	<0.005	
8/2/2023	0.00084 (J)	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/10/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/20/2013	<0.005	
7/19/2013	<0.005	
7/20/2013	<0.005	
1/16/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	0.00098 (J)	
6/20/2015	0.0019 (J)	
1/16/2016	0.0008 (J)	
6/16/2016	0.0011 (J)	
1/12/2017	0.0087 (O)	
7/24/2017	0.0027	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0027	
3/27/2019	0.0065 (O)	
9/11/2019	0.0022	
4/1/2020	0.0012	
9/15/2020	<0.005	
3/16/2021	0.0013	
8/18/2021	0.0015	
2/23/2022	0.0011	
8/3/2022	0.002	
2/8/2023	0.001 (J)	
8/2/2023	0.00096 (J)	
2/7/2024	0.0015 (J)	
8/14/2024	<0.005	
2/4/2025	0.00064 (J)	
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/7/2005	<0.005	
6/25/2006	<0.005	
11/28/2006	<0.005	
6/21/2007	<0.005	
7/6/2007	<0.005	
12/14/2007	<0.005	
6/20/2008	0.0093 (O)	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	0.0025	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/19/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	0.001 (J)	
1/16/2015	0.00089 (J)	
6/20/2015	0.0017 (J)	
1/14/2016	0.0017 (J)	
6/15/2016	0.0018 (J)	
1/12/2017	0.01 (O)	
7/24/2017	0.0015 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0024 (J)	
3/27/2019	0.0016 (J)	
9/11/2019	0.0025	
4/2/2020	0.0016	
9/15/2020	0.001	
3/17/2021	0.0015	
8/18/2021	0.0018	
2/23/2022	0.0013	
8/2/2022	0.0014	
2/8/2023	0.00095 (J)	
8/2/2023	0.0015 (J)	
2/7/2024	0.0016 (J)	
8/14/2024	0.0011 (J)	
2/5/2025	0.00086 (J)	
8/6/2025	<0.005	
2/3/2026		0.0019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/11/2005	<0.005	
12/7/2005	<0.005	
6/24/2006	<0.005	
11/28/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	<0.005	
12/7/2008	<0.005	
7/10/2009	<0.005	
12/28/2009	<0.005	
6/22/2010	<0.005	
1/4/2011	<0.005	
7/9/2011	<0.005	
1/20/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/11/2014	<0.005	
1/15/2015	<0.005	
6/19/2015	<0.005	
1/16/2016	<0.005	
6/15/2016	0.0004 (J)	
1/12/2017	0.0075 (O)	
7/20/2017	0.0015 (J)	
1/11/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	0.0016 (J)	
3/27/2019	0.0078 (O)	
9/11/2019	0.0011	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	0.0016	
2/7/2023	<0.005	
8/2/2023	<0.005	
2/8/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	
2/3/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.0023 (J)	
12/15/2015	0.0016 (J)	
12/28/2015	0.0013 (J)	
1/14/2016	0.0014 (J)	
1/26/2016	0.0013 (J)	
6/16/2016	0.00092 (J)	
1/16/2017	0.0067	
7/25/2017	0.0035	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0023	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	0.0015	
2/23/2022	0.00088 (J)	
8/3/2022	0.0022	
2/8/2023	0.00088 (J)	
8/2/2023	<0.005	
2/7/2024	0.0011 (J)	
8/14/2024	<0.005	
2/4/2025	0.002	
8/5/2025	<0.005	
2/3/2026		0.0017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
6/16/2016	0.00054 (J)	
1/13/2017	0.0074	
7/25/2017	0.0034	
1/12/2018	<0.005	
7/11/2018	<0.005	
1/29/2019	<0.005	
3/27/2019	0.0031	
9/11/2019	0.0018	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
2/22/2022	<0.005	
8/3/2022	0.0017	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	0.00081 (J)	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/5/2025	<0.005	
2/3/2026		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	<0.005	
12/14/2015	<0.005	
12/29/2015	<0.005	
1/14/2016	<0.005	
1/25/2016	<0.005	
6/16/2016	0.00048 (J)	
1/12/2017	0.0058	
7/25/2017	0.0029	
1/11/2018	<0.005	
7/11/2018	<0.005	
1/30/2019	0.0014 (J)	
3/27/2019	0.0049	
9/11/2019	0.0015	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	0.001	
2/23/2022	<0.005	
8/4/2022	0.0019	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/7/2024	<0.005	
8/14/2024	<0.005	
2/5/2025	0.0015 (J)	
8/5/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.00063 (J)	
1/17/2017	0.0026	
7/25/2017	0.003	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.0055	
9/11/2019	0.0015	
4/1/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	0.0011	
2/23/2022	<0.005	
8/4/2022	0.00095 (J)	
2/8/2023	<0.005	
8/3/2023	0.0007 (J)	
2/7/2024	0.00083 (J)	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.005	
9/11/2004	<0.005	
9/26/2004	<0.005	
10/13/2004	<0.005	
7/12/2005	<0.005	
12/8/2005	<0.005	
6/25/2006	<0.005	
11/29/2006	<0.005	
6/20/2007	<0.005	
7/6/2007	<0.005	
12/13/2007	<0.005	
6/20/2008	0.0037	
12/7/2008	<0.005	
7/9/2009	<0.005	
12/29/2009	<0.005	
6/22/2010	<0.005	
1/5/2011	<0.005	
7/9/2011	<0.005	
1/21/2012	<0.005	
7/11/2012	<0.005	
1/19/2013	<0.005	
7/18/2013	<0.005	
1/15/2014	<0.005	
7/10/2014	<0.005	
1/16/2015	<0.005	
6/20/2015	<0.005	
1/14/2016	<0.005	
6/15/2016	0.00019 (J)	
1/13/2017	0.0091 (O)	
7/24/2017	0.0027	
1/12/2018	<0.005	
7/12/2018	<0.005	
1/30/2019	<0.005	
3/27/2019	0.006	
9/11/2019	0.0015	
4/1/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
2/23/2022	<0.005	
8/3/2022	0.0016	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/7/2024	0.001 (J)	
8/14/2024	<0.005	
2/5/2025	<0.005	
8/6/2025	<0.005	
2/4/2026		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
8/25/2004	0.014	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/11/2005	<0.01	
12/7/2005	<0.01	
6/23/2006	0.0041	
11/28/2006	0.0033	
6/19/2007	0.0036	
7/6/2007	0.0036	
12/13/2007	<0.01	
6/20/2008	0.0045	
12/7/2008	0.0031	
7/9/2009	0.004	
12/28/2009	0.0027	
6/22/2010	0.0028	
1/4/2011	0.0027	
7/9/2011	0.0051	
1/21/2012	0.004	
7/11/2012	0.0075	
1/20/2013	0.0034	
7/19/2013	<0.01	
1/15/2014	0.0049	
7/11/2014	0.0038	
1/16/2015	0.0032	
6/20/2015	0.0042	
1/16/2016	0.0042	
6/14/2016	0.0043 (J)	
1/10/2017	0.0084 (J)	
7/17/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0064 (J)	
3/27/2019	<0.01	
9/11/2019	0.0089	
4/1/2020	0.0066	
9/15/2020	0.0049 (J)	
3/16/2021	0.0045 (J)	
8/17/2021	0.004 (J)	
2/22/2022	0.0055	
8/2/2022	0.0074	
2/7/2023	0.0051	
8/1/2023	0.0061	
2/6/2024	0.0041 (J)	
8/15/2024	0.029	
2/4/2025	0.0063	
8/5/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
8/25/2004	<0.01	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/11/2005	<0.01	
12/7/2005	<0.01	
6/23/2006	0.0042	
11/28/2006	0.0048	
6/19/2007	0.045	
7/6/2007	0.045	
12/13/2007	0.005	
6/20/2008	0.012	
12/7/2008	0.042	
7/9/2009	0.0038	
12/28/2009	<0.01	
6/22/2010	<0.01	
1/5/2011	0.057 (O)	
7/9/2011	0.0085	
1/20/2012	0.0057	
7/11/2012	<0.01	
1/19/2013	<0.01	
7/18/2013	0.0028	
1/15/2014	0.0047	
7/11/2014	0.0025	
1/15/2015	0.002 (J)	
6/19/2015	0.0019 (J)	
1/16/2016	0.0033	
6/14/2016	0.0028 (J)	
1/10/2017	0.0079 (J)	
7/18/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.012	
4/1/2020	<0.01	
9/15/2020	<0.01	
3/16/2021	0.0035 (J)	
8/17/2021	<0.01	
2/22/2022	<0.01	
8/2/2022	0.033	
2/7/2023	0.0032 (J)	
8/2/2023	<0.01	
2/6/2024	<0.01	
8/13/2024	0.0047 (J)	
2/4/2025	0.0031 (J)	
8/6/2025	<0.01	
2/2/2026		0.014

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
8/25/2004	<0.01	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/8/2005	0.06 (O)	
6/24/2006	0.0061	
11/28/2006	0.0064	
6/19/2007	0.011	
12/13/2007	0.0061	
6/20/2008	0.009	
12/7/2008	0.0071	
7/9/2009	0.0059	
12/30/2009	0.0038	
6/22/2010	0.0044	
1/4/2011	0.0038	
7/10/2011	0.005	
1/21/2012	0.0074	
7/11/2012	0.0047	
1/20/2013	<0.01	
7/19/2013	0.0032	
1/16/2014	0.019	
7/10/2014	0.0038	
1/16/2015	0.0045	
6/20/2015	0.0023 (J)	
1/14/2016	0.0024 (J)	
6/14/2016	0.0053 (J)	
1/10/2017	<0.01	
7/18/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	0.0098 (J)	
1/29/2019	0.0064 (J)	
3/26/2019	0.01 (J)	
9/10/2019	0.012	
3/31/2020	0.013	
9/16/2020	0.011	
3/17/2021	0.0039 (J)	
8/19/2021	0.004 (J)	
2/23/2022	<0.01	
8/3/2022	0.012	
2/7/2023	0.0031 (J)	
8/1/2023	0.0047 (J)	
2/6/2024	0.0029 (J)	
8/13/2024	0.0031 (J)	
2/3/2025	0.0039 (J)	
8/5/2025	<0.01	
2/2/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
8/25/2004	0.017	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/8/2005	<0.01	
6/24/2006	0.0033	
11/28/2006	0.0034	
6/19/2007	0.0037	
7/6/2007	0.0037	
12/14/2007	<0.01	
6/20/2008	0.0042	
12/7/2008	0.0049	
7/9/2009	0.0032	
12/29/2009	0.0031	
6/22/2010	<0.01	
1/4/2011	0.0029	
7/9/2011	0.0038	
1/21/2012	0.0057	
7/11/2012	0.0032	
1/19/2013	0.0032	
7/18/2013	0.0027	
1/15/2014	0.0059	
7/10/2014	0.0064	
1/15/2015	0.0024 (J)	
6/19/2015	0.0057	
1/14/2016	0.0022 (J)	
6/14/2016	0.0028 (J)	
1/11/2017	0.013 (J)	
7/18/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0027 (J)	
3/26/2019	<0.01	
9/10/2019	0.022	
12/18/2019	0.0051	
3/31/2020	<0.01	
9/15/2020	0.0049 (J)	
3/17/2021	0.0041 (J)	
8/19/2021	<0.01	
2/22/2022	<0.01	
8/2/2022	0.0051	
2/7/2023	0.0037 (J)	
8/1/2023	0.0028 (J)	
2/6/2024	<0.01	
8/13/2024	0.0031 (J)	
2/4/2025	0.0057	
8/5/2025	<0.01	
2/2/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
6/22/2010	<0.01	
1/20/2012	0.0059	
12/7/2015	0.0034	
12/15/2015	0.003	
12/29/2015	0.0028	
1/13/2016	0.0025	
1/25/2016	0.0022 (J)	
6/14/2016	0.0042 (J)	
1/12/2017	<0.01	
7/18/2017	<0.01	
1/10/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	<0.01	
3/26/2019	<0.01	
9/10/2019	0.0061	
3/31/2020	<0.01	
9/15/2020	0.0037 (J)	
3/16/2021	<0.01	
8/18/2021	<0.01	
2/22/2022	<0.01	
8/2/2022	<0.01	
2/6/2023	<0.01	
8/1/2023	0.0032 (J)	
2/6/2024	0.0045 (J)	
8/13/2024	<0.01	
2/4/2025	0.0033 (J)	
8/5/2025	<0.01	
2/2/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
7/12/2012	0.0035	
12/7/2015	0.0044	
12/15/2015	0.0031	
12/29/2015	0.0028	
1/13/2016	0.0028	
1/25/2016	0.0034	
6/14/2016	0.0036 (J)	
1/11/2017	0.013 (J)	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0048 (J)	
3/26/2019	<0.01	
9/10/2019	0.0069	
4/1/2020	<0.01	
9/15/2020	0.024	
3/16/2021	0.007	
8/17/2021	<0.01	
2/22/2022	0.0054	
8/2/2022	0.0042 (J)	
2/7/2023	0.0031 (J)	
8/2/2023	0.003 (J)	
2/6/2024	0.0028 (J)	
8/13/2024	<0.01	
2/4/2025	0.0049 (J)	
8/4/2025	<0.01	
2/2/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
12/7/2015	0.0052	
12/15/2015	0.0046	
12/28/2015	0.0042	
1/13/2016	0.0038	
1/25/2016	0.0036	
6/15/2016	0.0028 (J)	
1/11/2017	0.014 (J)	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0059 (J)	
3/26/2019	<0.01	
9/11/2019	0.0062	
4/1/2020	<0.01	
9/15/2020	0.0033 (J)	
3/17/2021	0.0063	
8/19/2021	<0.01	
2/22/2022	0.0057	
8/2/2022	0.0039 (J)	
2/7/2023	<0.01	
8/1/2023	0.0029 (J)	
2/6/2024	0.0041 (J)	
8/13/2024	0.0035 (J)	
2/4/2025	0.0028 (J)	
8/5/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
12/7/2015	0.0048	
12/14/2015	0.0038	
12/28/2015	0.0042	
1/13/2016	0.0036	
1/25/2016	0.0033	
6/15/2016	0.0032 (J)	
1/11/2017	<0.01	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0024 (J)	
3/26/2019	<0.01	
9/10/2019	0.006	
4/1/2020	<0.01	
9/15/2020	0.0033 (J)	
3/16/2021	0.005	
8/17/2021	<0.01	
2/22/2022	0.0076	
8/2/2022	0.0032 (J)	
2/7/2023	0.0063	
8/1/2023	0.0032 (J)	
2/6/2024	0.0029 (J)	
8/13/2024	0.0077	
2/4/2025	0.0034 (J)	
8/5/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
1/20/2012	0.0032	
12/8/2015	0.0058	
12/14/2015	0.006	
12/28/2015	0.0058	
1/13/2016	0.0056	
1/26/2016	0.0046	
6/15/2016	0.0053 (J)	
1/11/2017	0.018 (J)	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0059 (J)	
3/27/2019	<0.01	
9/11/2019	0.013	
4/1/2020	0.005	
9/15/2020	0.0052	
3/16/2021	0.006	
8/19/2021	0.013	
2/22/2022	0.0046 (J)	
8/2/2022	0.0074	
2/8/2023	0.0061	
8/2/2023	0.012	
2/6/2024	0.005	
8/13/2024	0.0056	
2/4/2025	0.0067	
8/5/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
1/21/2012	0.0042	
12/8/2015	0.0017 (J)	
12/14/2015	0.0028	
12/28/2015	0.0024 (J)	
1/14/2016	0.0036	
1/26/2016	0.0036	
6/16/2016	0.0052 (J)	
1/11/2017	0.025	
7/25/2017	<0.01	
1/12/2018	<0.01	
7/11/2018	<0.01	
1/30/2019	0.5 (O)	
3/27/2019	<0.01	
9/11/2019	0.0058	
4/1/2020	<0.01	
9/15/2020	0.0032 (J)	
3/17/2021	0.0032 (J)	
8/19/2021	0.015	
2/23/2022	<0.01	
8/2/2022	0.0058	
2/7/2023	0.0032 (J)	
8/2/2023	0.0044 (J)	
2/7/2024	<0.01	
8/14/2024	<0.01	
2/5/2025	0.0028 (J)	
8/6/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
8/25/2004	0.012	
9/11/2004	<0.01	
9/26/2004	<0.01	
7/11/2005	<0.01	
12/7/2005	0.015	
6/24/2006	0.0044	
11/29/2006	0.0034	
6/20/2007	0.0029	
7/6/2007	0.0029	
12/13/2007	<0.01	
6/20/2008	0.0035	
12/7/2008	0.0036	
7/9/2009	0.0032	
12/28/2009	0.0032	
6/22/2010	0.0032	
1/4/2011	<0.01	
7/9/2011	0.0076	
1/21/2012	0.0034	
7/11/2012	0.0028	
1/20/2013	0.0032	
7/19/2013	0.0028	
1/15/2014	0.0047	
7/11/2014	0.0041	
1/16/2015	0.0035	
6/20/2015	0.0043	
1/16/2016	0.002 (J)	
6/15/2016	0.0027 (J)	
1/12/2017	<0.01	
7/19/2017	<0.01	
1/11/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	0.0031 (J)	
3/27/2019	<0.01	
9/11/2019	0.0088	
4/1/2020	0.0046 (J)	
9/15/2020	0.0049 (J)	
3/16/2021	0.0047 (J)	
8/18/2021	0.0035 (J)	
2/23/2022	<0.01	
8/3/2022	0.0073	
2/7/2023	0.0055	
8/2/2023	0.0062	
2/7/2024	0.0033 (J)	
8/14/2024	0.0029 (J)	
2/5/2025	0.003 (J)	
8/6/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
8/25/2004	<0.01	
9/11/2004	0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/7/2005	<0.01	
6/24/2006	0.0034	
11/29/2006	0.019 (o)	
6/20/2007	<0.01	
7/6/2007	<0.01	
12/13/2007	<0.01	
6/20/2008	0.0039	
12/7/2008	<0.01	
7/10/2009	<0.01	
12/29/2009	<0.01	
6/22/2010	<0.01	
1/4/2011	<0.01	
7/10/2011	0.0026	
1/19/2012	0.0039	
1/21/2012	<0.01	
7/11/2012	<0.01	
1/20/2013	<0.01	
7/19/2013	<0.01	
7/20/2013	<0.01	
1/16/2014	0.0031	
7/10/2014	0.0012 (J)	
1/16/2015	0.0017 (J)	
6/20/2015	0.0036	
1/16/2016	<0.01	
6/16/2016	<0.01	
1/12/2017	<0.01	
7/24/2017	<0.01	
1/11/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0058	
4/1/2020	<0.01	
9/15/2020	0.0043 (J)	
3/16/2021	<0.01	
8/18/2021	<0.01	
2/23/2022	<0.01	
8/3/2022	0.0046 (J)	
2/8/2023	<0.01	
8/2/2023	0.0046 (J)	
2/7/2024	<0.01	
8/14/2024	<0.01	
2/4/2025	<0.01	
8/6/2025	<0.01	
2/4/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
8/25/2004	<0.01	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/7/2005	<0.01	
6/25/2006	0.0025	
11/28/2006	0.0026	
6/21/2007	0.0025	
7/6/2007	0.0025	
12/14/2007	<0.01	
6/20/2008	0.0089	
12/7/2008	0.041 (O)	
7/10/2009	<0.01	
12/29/2009	<0.01	
6/22/2010	<0.01	
1/5/2011	<0.01	
7/9/2011	<0.01	
1/21/2012	0.005	
7/11/2012	0.0025	
1/19/2013	<0.01	
7/19/2013	<0.01	
1/15/2014	0.0034	
7/11/2014	0.0019 (J)	
1/16/2015	<0.01	
6/20/2015	<0.01	
1/14/2016	0.0022 (J)	
6/15/2016	0.0028 (J)	
1/12/2017	<0.01	
7/24/2017	<0.01	
1/11/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.005	
4/2/2020	0.0049 (J)	
9/15/2020	<0.01	
3/17/2021	0.0032 (J)	
8/18/2021	<0.01	
2/23/2022	<0.01	
8/2/2022	0.0052	
2/8/2023	<0.01	
8/2/2023	0.0061	
2/7/2024	<0.01	
8/14/2024	<0.01	
2/5/2025	<0.01	
8/6/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
8/25/2004	<0.01	
9/11/2004	0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/11/2005	<0.01	
12/7/2005	<0.01	
6/24/2006	0.0038	
11/28/2006	0.007	
6/20/2007	0.0067	
7/6/2007	0.0025	
12/13/2007	0.0032	
6/20/2008	0.0044	
12/7/2008	0.0042	
7/10/2009	0.0025	
12/28/2009	0.0027	
6/22/2010	<0.01	
1/4/2011	0.0033	
7/9/2011	0.0043	
1/20/2012	0.0038	
7/11/2012	0.0035	
1/19/2013	0.0028	
7/18/2013	0.0028	
1/15/2014	0.0053	
7/11/2014	0.0034	
1/15/2015	0.003	
6/19/2015	0.0035	
1/16/2016	0.0023 (J)	
6/15/2016	0.0031 (J)	
1/12/2017	<0.01	
7/20/2017	<0.01	
1/11/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0066	
4/1/2020	<0.01	
9/16/2020	0.0033 (J)	
3/16/2021	<0.01	
8/18/2021	0.0081	
2/23/2022	<0.01	
8/3/2022	0.0071	
2/7/2023	<0.01	
8/2/2023	0.0036 (J)	
2/8/2024	0.004 (J)	
8/14/2024	0.017	
2/5/2025	<0.01	
8/6/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
12/8/2015	0.0035	
12/15/2015	0.0028	
12/28/2015	0.0023 (J)	
1/14/2016	0.012	
1/26/2016	0.0034	
6/16/2016	0.0026 (J)	
1/16/2017	<0.01	
7/25/2017	<0.01	
1/12/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	0.0051 (J)	
3/27/2019	<0.01	
9/11/2019	0.0046 (J)	
4/1/2020	<0.01	
9/16/2020	0.004 (J)	
3/16/2021	<0.01	
8/19/2021	0.017	
2/23/2022	<0.01	
8/3/2022	0.0057	
2/8/2023	<0.01	
8/2/2023	0.0051	
2/7/2024	<0.01	
8/14/2024	<0.01	
2/4/2025	<0.01	
8/5/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
12/9/2015	0.0035	
12/14/2015	0.0056	
12/29/2015	0.0084	
1/14/2016	0.0048	
1/25/2016	0.0069	
6/16/2016	0.0048 (J)	
1/13/2017	<0.01	
7/25/2017	<0.01	
1/12/2018	<0.01	
7/11/2018	<0.01	
1/29/2019	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0073	
4/1/2020	<0.01	
9/15/2020	0.0044 (J)	
3/16/2021	<0.01	
8/19/2021	<0.01	
2/22/2022	0.0034 (J)	
8/3/2022	0.0042 (J)	
2/8/2023	<0.01	
8/2/2023	0.004 (J)	
2/7/2024	<0.01	
8/14/2024	<0.01	
2/5/2025	<0.01	
8/5/2025	<0.01	
2/3/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
12/9/2015	0.0016 (J)	
12/14/2015	0.0015 (J)	
12/29/2015	<0.01	
1/14/2016	0.0052	
1/25/2016	0.0017 (J)	
6/16/2016	0.0097 (J)	
1/12/2017	<0.01	
7/25/2017	<0.01	
1/11/2018	<0.01	
7/11/2018	<0.01	
1/30/2019	0.0025 (J)	
3/27/2019	<0.01	
9/11/2019	0.0063	
4/1/2020	0.0032 (J)	
9/15/2020	<0.01	
3/17/2021	<0.01	
8/19/2021	<0.01	
2/23/2022	0.004 (J)	
8/4/2022	0.016	
2/8/2023	<0.01	
8/3/2023	0.0047 (J)	
2/7/2024	<0.01	
8/14/2024	<0.01	
2/5/2025	0.0034 (J)	
8/5/2025	<0.01	
2/4/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	0.0098 (J)	
1/17/2017	<0.01	
7/25/2017	0.0069 (J)	
1/12/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	0.0049 (J)	
3/27/2019	<0.01	
9/11/2019	0.0086	
4/1/2020	0.0033 (J)	
9/15/2020	0.004 (J)	
3/17/2021	0.0033 (J)	
8/19/2021	0.0081	
2/23/2022	0.017	
8/4/2022	0.016	
2/8/2023	0.0046 (J)	
8/3/2023	0.0049 (J)	
2/7/2024	0.0035 (J)	
8/14/2024	<0.01	
2/5/2025	<0.01	
8/6/2025	<0.01	
2/4/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/16/2026 8:58 AM View: Appendix I - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
8/25/2004	<0.01	
9/11/2004	<0.01	
9/26/2004	<0.01	
10/13/2004	<0.01	
7/12/2005	<0.01	
12/8/2005	<0.01	
6/25/2006	<0.01	
11/29/2006	0.0034	
6/20/2007	0.0049	
7/6/2007	0.0049	
12/13/2007	<0.01	
6/20/2008	0.006	
12/7/2008	0.0043	
7/9/2009	<0.01	
12/29/2009	0.0061	
6/22/2010	<0.01	
1/5/2011	<0.01	
7/9/2011	0.0077	
1/21/2012	0.0032	
7/11/2012	<0.01	
1/19/2013	<0.01	
7/18/2013	<0.01	
1/15/2014	0.0036	
7/10/2014	0.0024 (J)	
1/16/2015	0.0055	
6/20/2015	<0.01	
1/14/2016	<0.01	
6/15/2016	0.0037 (J)	
1/13/2017	<0.01	
7/24/2017	<0.01	
1/12/2018	<0.01	
7/12/2018	<0.01	
1/30/2019	0.051 (o)	
3/27/2019	<0.01	
9/11/2019	0.0058	
4/1/2020	<0.01	
9/16/2020	0.0035 (J)	
3/17/2021	<0.01	
8/19/2021	<0.01	
2/23/2022	<0.01	
8/3/2022	0.005	
2/8/2023	<0.01	
8/2/2023	0.0032 (J)	
2/7/2024	<0.01	
8/14/2024	<0.01	
2/5/2025	<0.01	
8/6/2025	<0.01	
2/4/2026		<0.01

ND substitution: RL or RL/2 if <15% NDs.

FIGURE H.

Appendix III Intrawell Prediction Limits - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	**GWA-15**	**1.2**	**n/a**	**2/3/2026**	**1.7**	**Yes**	**26**	**n/a**	**n/a**	**53.85**	**n/a**	**n/a**	**0.002667**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWA-16**	**1**	**n/a**	**2/3/2026**	**1.3**	**Yes**	**26**	**n/a**	**n/a**	**61.54**	**n/a**	**n/a**	**0.002667**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:22 AM

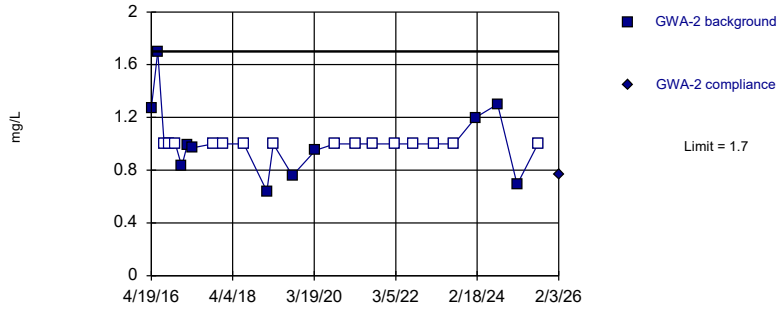
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-2	1.7	n/a	2/3/2026	0.77J	No	26	n/a	n/a	57.69	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-3	1.149	n/a	2/2/2026	1ND	No	26	0.6242	0.4144	38.46	Kaplan-Meier	x^3	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4A	12.26	n/a	2/2/2026	1.2	No	26	5.623	3.087	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWA-5	1	n/a	2/2/2026	1	No	26	n/a	n/a	76.92	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-13	1.4	n/a	2/2/2026	1ND	No	26	n/a	n/a	53.85	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-14	2.044	n/a	2/2/2026	0.78J	No	24	-0.1504	0.3976	33.33	Kaplan-Meier	ln(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	**GWA-15**	**1.2**	**n/a**	**2/3/2026**	**1.7**	**Yes**	**26**	**n/a**	**n/a**	**53.85**	**n/a**	**n/a**	**0.002667**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWA-16**	**1**	**n/a**	**2/3/2026**	**1.3**	**Yes**	**26**	**n/a**	**n/a**	**61.54**	**n/a**	**n/a**	**0.002667**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	GWC-17	1.8	n/a	2/3/2026	1	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	6.545	n/a	2/3/2026	2.2	No	26	3.875	1.242	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-1	2.391	n/a	2/3/2026	0.99J	No	26	1.371	0.4742	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	5.238	n/a	2/4/2026	3	No	26	3.14	0.9759	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	6.599	n/a	2/3/2026	2.4	No	26	3.822	1.292	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-12	1.1	n/a	2/3/2026	1ND	No	26	n/a	n/a	50	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-19	3.066	n/a	2/3/2026	2.4	No	26	1.954	0.5173	3.846	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	2.573	n/a	2/3/2026	0.94J	No	24	1.245	0.6103	8.333	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	1.615	n/a	2/4/2026	1ND	No	26	0.8836	0.1802	23.08	Kaplan-Meier	sqrt(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	3.422	n/a	2/4/2026	2	No	25	2.34	0.5008	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	4.1	n/a	2/4/2026	1.1	No	26	n/a	n/a	46.15	n/a	n/a	0.002667	NP Intra (normality) 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 57.69% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

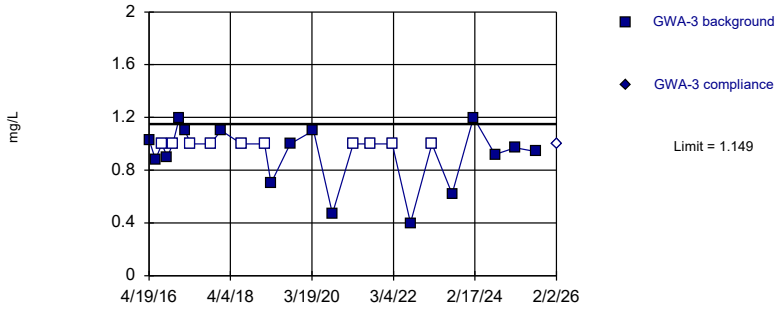
Constituent: Sulfate Analysis Run 4/16/2026 8:19 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation) (after Kaplan-Meier Adjustment): Mean=0.6242, Std. Dev.=0.4144, n=26, 38.46% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8979, critical = 0.891. Kappa = 2.15 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

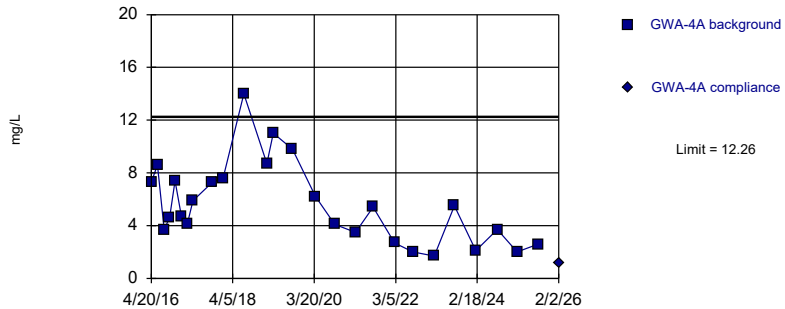
Constituent: Sulfate Analysis Run 4/16/2026 8:19 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.623, Std. Dev.=3.087, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9322, critical = 0.891. Kappa = 2.15 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

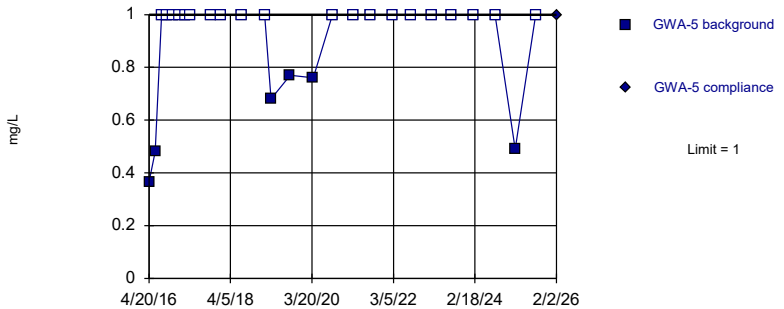
Constituent: Sulfate Analysis Run 4/16/2026 8:19 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

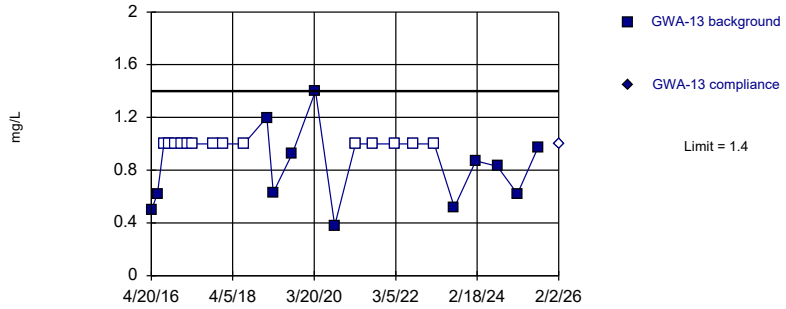
Constituent: Sulfate Analysis Run 4/16/2026 8:19 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 53.85% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

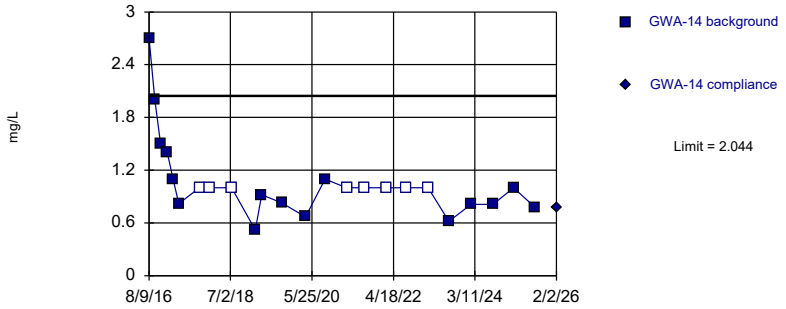
Constituent: Sulfate Analysis Run 4/16/2026 8:19 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-0.1504, Std. Dev.=0.3976, n=24, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8943, critical = 0.884. Kappa = 2.176 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

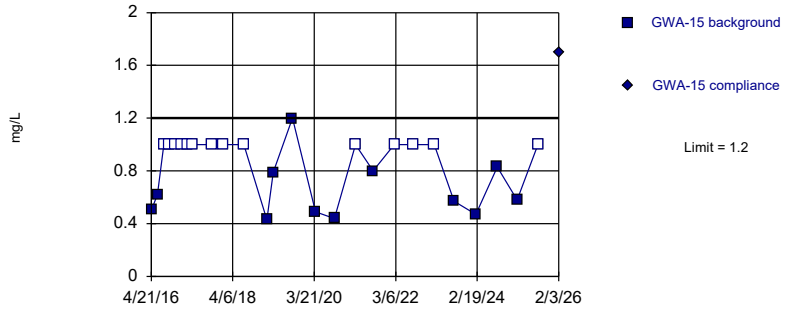
Constituent: Sulfate Analysis Run 4/16/2026 8:19 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 53.85% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

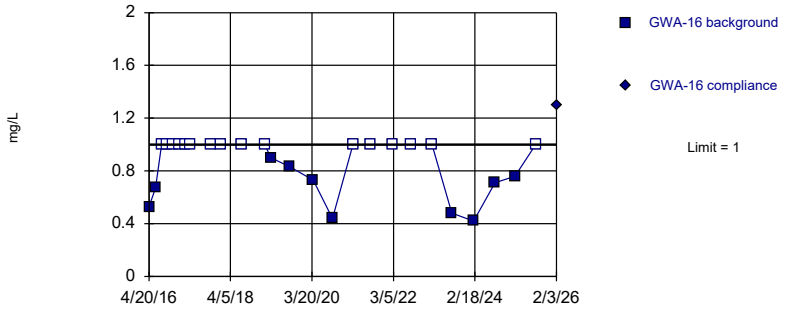
Constituent: Sulfate Analysis Run 4/16/2026 8:19 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 61.54% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

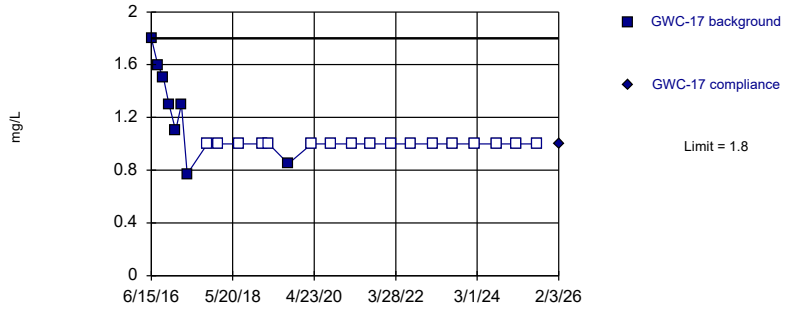
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 68% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

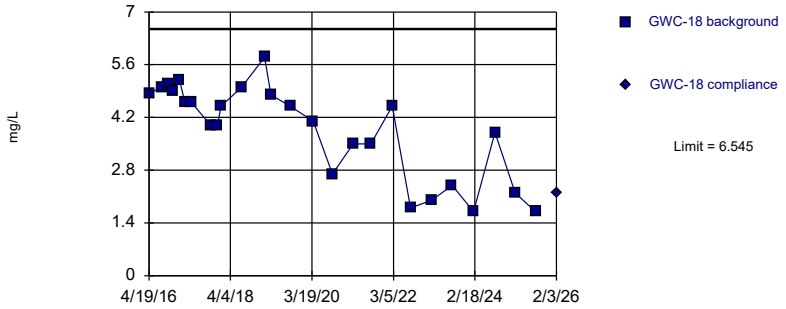
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.875, Std. Dev.=1.242, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8944, critical = 0.891. Kappa = 2.15 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

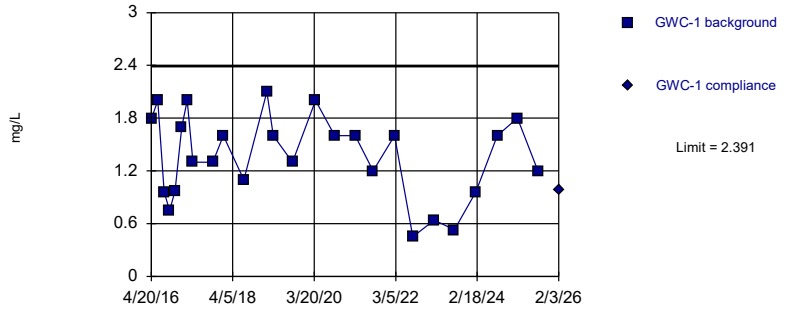
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.371, Std. Dev.=0.4742, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.949, critical = 0.891. Kappa = 2.15 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

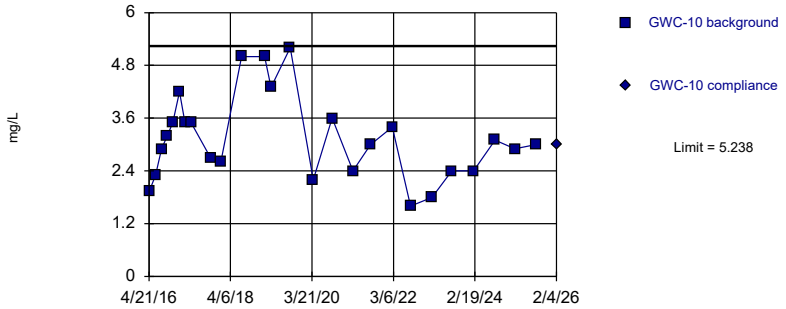
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.14, Std. Dev.=0.9759, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9423, critical = 0.891. Kappa = 2.15 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

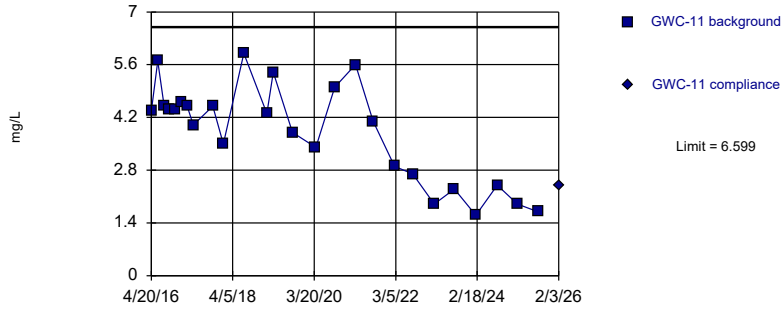
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.822, Std. Dev.=1.292, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.891. Kappa = 2.15 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

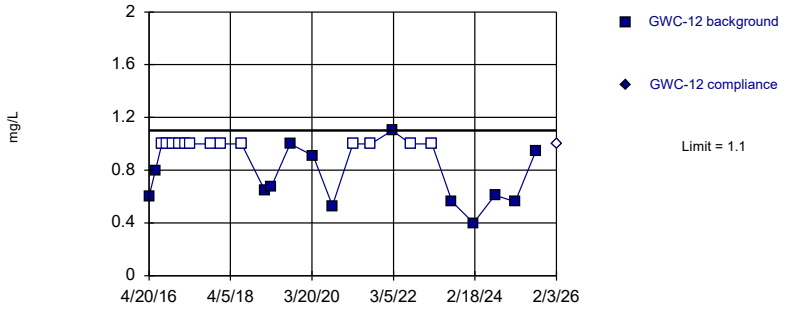
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 50% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

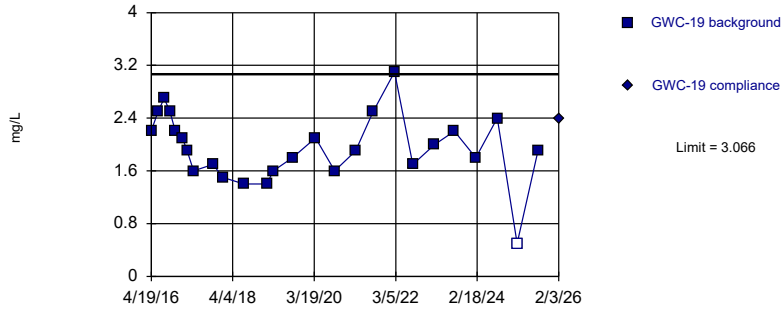
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.954, Std. Dev.=0.5173, n=26, 3.846% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.891. Kappa = 2.15 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

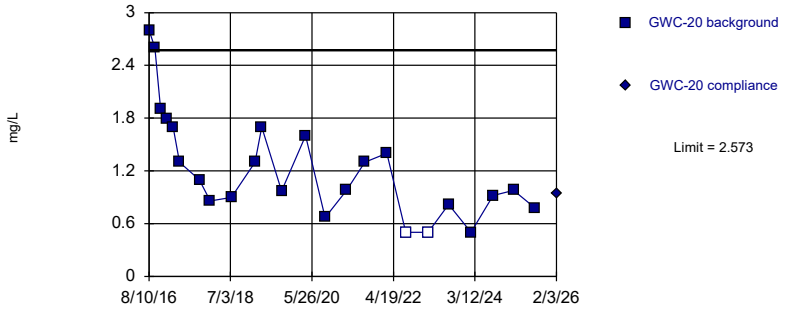
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.245, Std. Dev.=0.6103, n=24, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9045, critical = 0.884. Kappa = 2.176 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

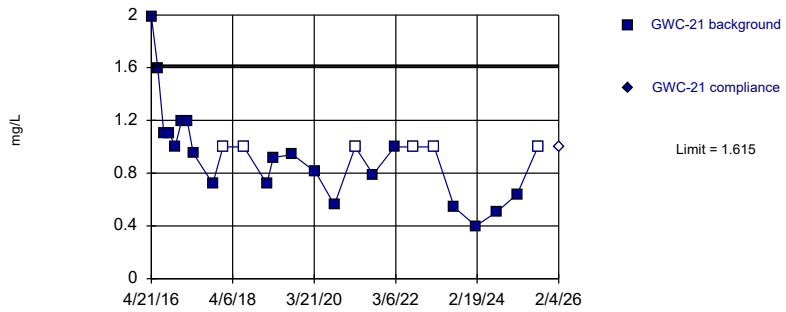
Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.8836, Std. Dev.=0.1802, n=26, 23.08% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.934, critical = 0.891. Kappa = 2.15 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell

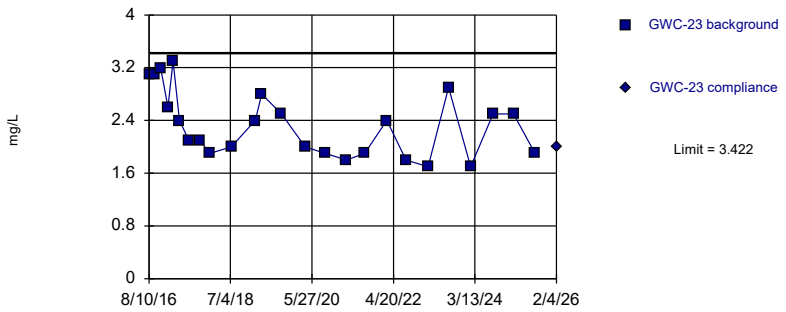
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.34, Std. Dev.=0.5008, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.888. Kappa = 2.16 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell

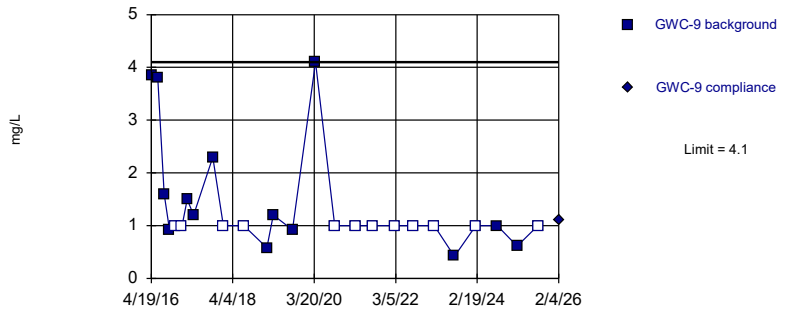
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 46.15% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Sulfate Analysis Run 4/16/2026 8:20 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2	GWA-2
4/19/2016	1.27	
6/14/2016	1.7	
8/9/2016	<1	
9/26/2016	<1	
11/15/2016	<1	
1/10/2017	0.83 (J)	
2/28/2017	0.99 (J)	
4/19/2017	0.97 (J)	
10/10/2017	<1	
1/10/2018	<1	
7/11/2018	<1	
1/29/2019	0.64 (J)	
3/27/2019	<1	
9/11/2019	0.76 (J)	
4/1/2020	0.95 (J)	
9/15/2020	<1	
3/16/2021	<1	
8/17/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/1/2023	<1	
2/6/2024	1.2	
8/15/2024	1.3	
2/4/2025	0.69 (J)	
8/5/2025	<1	
2/3/2026		0.77 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-3	GWA-3
4/19/2016	1.03	
6/14/2016	0.88 (J)	
8/9/2016	<1	
9/27/2016	0.9 (J)	
11/14/2016	<1	
1/10/2017	1.2	
2/28/2017	1.1	
4/19/2017	<1	
10/11/2017	<1	
1/10/2018	1.1	
7/11/2018	<1	
1/29/2019	<1	
3/27/2019	0.7 (J)	
9/11/2019	1	
4/1/2020	1.1	
9/15/2020	0.47 (J)	
3/16/2021	<1	
8/17/2021	<1	
2/22/2022	<1	
8/2/2022	0.4 (J)	
2/7/2023	<1	
8/2/2023	0.62 (J)	
2/6/2024	1.2	
8/13/2024	0.92 (J)	
2/4/2025	0.97 (J)	
8/6/2025	0.94 (J)	
2/2/2026		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A	GWA-4A
4/20/2016	7.31	
6/14/2016	8.6	
8/11/2016	3.7	
9/27/2016	4.6	
11/14/2016	7.4	
1/10/2017	4.7	
2/28/2017	4.1	
4/20/2017	5.9	
10/10/2017	7.3	
1/10/2018	7.6	
7/11/2018	14	
1/29/2019	8.7	
3/26/2019	11	
9/10/2019	9.8	
3/31/2020	6.2	
9/16/2020	4.1	
3/17/2021	3.5	
8/19/2021	5.4	
2/23/2022	2.7	
8/3/2022	2	
2/7/2023	1.7	
8/1/2023	5.5	
2/6/2024	2.1	
8/13/2024	3.7	
2/3/2025	2	
8/5/2025	2.6	
2/2/2026		1.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5	GWA-5
4/20/2016	0.367 (J)	
6/14/2016	0.48 (J)	
8/9/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/11/2017	<1	
2/28/2017	<1	
4/20/2017	<1	
10/11/2017	<1	
1/10/2018	<1	
7/11/2018	<1	
1/29/2019	<1	
3/26/2019	0.68 (J)	
9/10/2019	0.77 (J)	
3/31/2020	0.76 (J)	
9/15/2020	<1	
3/17/2021	<1	
8/19/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/1/2023	<1	
2/6/2024	<1	
8/13/2024	<1	
2/4/2025	0.49 (J)	
8/5/2025	<1	
2/2/2026		1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-13	GWA-13
4/20/2016	0.496 (J)	
6/14/2016	0.62 (J)	
8/9/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/12/2017	<1	
2/28/2017	<1	
4/20/2017	<1	
10/11/2017	<1	
1/10/2018	<1	
7/11/2018	<1	
1/29/2019	1.2	
3/26/2019	0.63 (J)	
9/10/2019	0.93 (J)	
3/31/2020	1.4	
9/15/2020	0.38 (J)	
3/16/2021	<1	
8/18/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/6/2023	<1	
8/1/2023	0.52 (J)	
2/6/2024	0.87 (J)	
8/13/2024	0.83 (J)	
2/4/2025	0.62 (J)	
8/5/2025	0.97 (J)	
2/2/2026		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14	GWA-14
4/20/2016	5.85 (O)	
6/14/2016	4.6 (O)	
8/9/2016	2.7	
9/27/2016	2	
11/15/2016	1.5	
1/11/2017	1.4	
2/28/2017	1.1	
4/20/2017	0.82 (J)	
10/11/2017	<1	
1/11/2018	<1	
7/11/2018	<1	
1/29/2019	0.52 (J)	
3/26/2019	0.92 (J)	
9/10/2019	0.83 (J)	
4/1/2020	0.67 (J)	
9/15/2020	1.1	
3/16/2021	<1	
8/17/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/2/2023	0.62 (J)	
2/6/2024	0.81 (J)	
8/13/2024	0.81 (J)	
2/4/2025	1 (F1)	
8/4/2025	0.78 (J)	
2/2/2026		0.78 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-15	GWA-15
4/21/2016	0.503 (J)	
6/15/2016	0.62 (J)	
8/9/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/11/2017	<1	
2/28/2017	<1	
4/20/2017	<1	
10/11/2017	<1	
1/11/2018	<1	
7/11/2018	<1	
1/29/2019	0.43 (J)	
3/26/2019	0.79 (J)	
9/11/2019	1.2	
4/1/2020	0.49 (J)	
9/15/2020	0.44 (J)	
3/17/2021	<1	
8/19/2021	0.8 (J)	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/1/2023	0.57 (J)	
2/6/2024	0.47 (J)	
8/13/2024	0.83 (J)	
2/4/2025	0.58 (J)	
8/5/2025	<1	
2/3/2026		1.7

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-16	GWA-16
4/20/2016	0.53 (J)	
6/15/2016	0.67 (J)	
8/9/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/11/2017	<1	
3/1/2017	<1	
4/20/2017	<1	
10/11/2017	<1	
1/11/2018	<1	
7/11/2018	<1	
1/29/2019	<1	
3/26/2019	0.9 (J)	
9/10/2019	0.83 (J)	
4/1/2020	0.73 (J)	
9/15/2020	0.44 (J)	
3/16/2021	<1	
8/17/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/7/2023	<1	
8/1/2023	0.48 (J)	
2/6/2024	0.42 (J)	
8/13/2024	0.71 (J)	
2/4/2025	0.76 (J)	
8/5/2025	<1	
2/3/2026		1.3

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-17	GWC-17
4/20/2016	2.93	
6/15/2016	1.8	
8/9/2016	1.6	
9/27/2016	1.5	
11/15/2016	1.3	
1/11/2017	1.1	
3/1/2017	1.3	
4/20/2017	0.77 (J)	
10/11/2017	<1	
1/11/2018	<1	
7/11/2018	<1	
1/29/2019	<1	
3/27/2019	<1	
9/11/2019	0.85 (J)	
4/1/2020	<1	
9/15/2020	<1	
3/16/2021	<1	
8/19/2021	<1	
2/22/2022	<1	
8/2/2022	<1	
2/8/2023	<1	
8/2/2023	<1	
2/6/2024	<1	
8/13/2024	<1	
2/4/2025	<1	
8/5/2025	<1	
2/3/2026		1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-18	GWC-18
4/19/2016	4.84	
6/16/2016	9 (O)	
8/11/2016	5	
9/28/2016	5.1	
11/16/2016	4.9	
1/11/2017	5.2	
3/1/2017	4.6	
4/25/2017	4.6	
10/12/2017	4	
12/13/2017	4	
1/12/2018	4.5	
7/11/2018	5	
1/30/2019	5.8	
3/27/2019	4.8	
9/11/2019	4.5	
4/1/2020	4.1	
9/15/2020	2.7	
3/17/2021	3.5	
8/19/2021	3.5	
2/23/2022	4.5	
8/2/2022	1.8	
2/7/2023	2	
8/2/2023	2.4	
2/7/2024	1.7	
8/14/2024	3.8	
2/5/2025	2.2	
8/6/2025	1.7	
2/3/2026		2.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-1	GWC-1
4/20/2016	1.79	
6/15/2016	2	
8/10/2016	0.96 (J)	
9/27/2016	0.75 (J)	
11/15/2016	0.97 (J)	
1/12/2017	1.7	
3/1/2017	2	
4/20/2017	1.3	
10/11/2017	1.3	
1/11/2018	1.6	
7/12/2018	1.1	
1/30/2019	2.1	
3/27/2019	1.6	
9/11/2019	1.3	
4/1/2020	2	
9/15/2020	1.6	
3/16/2021	1.6	
8/18/2021	1.2	
2/23/2022	1.6	
8/3/2022	0.45 (J)	
2/7/2023	0.64 (J)	
8/2/2023	0.53 (J)	
2/7/2024	0.96 (J)	
8/14/2024	1.6	
2/5/2025	1.8	
8/6/2025	1.2	
2/3/2026		0.99 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-10	GWC-10
4/21/2016	1.93	
6/16/2016	2.3	
8/10/2016	2.9	
9/27/2016	3.2	
11/15/2016	3.5	
1/12/2017	4.2	
3/1/2017	3.5	
4/24/2017	3.5	
10/12/2017	2.7	
1/11/2018	2.6	
7/12/2018	5	
1/30/2019	5	
3/27/2019	4.3	
9/11/2019	5.2	
4/1/2020	2.2	
9/15/2020	3.6	
3/16/2021	2.4	
8/18/2021	3	
2/23/2022	3.4	
8/3/2022	1.6	
2/8/2023	1.8	
8/2/2023	2.4	
2/7/2024	2.4	
8/14/2024	3.1	
2/4/2025	2.9	
8/6/2025	3	
2/4/2026		3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-11	GWC-11
4/20/2016	4.37	
6/15/2016	5.7	
8/10/2016	4.5	
9/27/2016	4.4	
11/15/2016	4.4	
1/12/2017	4.6	
3/1/2017	4.5	
4/24/2017	4	
10/11/2017	4.5	
1/11/2018	3.5	
7/12/2018	5.9	
1/30/2019	4.3	
3/27/2019	5.4	
9/11/2019	3.8	
4/2/2020	3.4	
9/15/2020	5	
3/17/2021	5.6	
8/18/2021	4.1	
2/23/2022	2.9	
8/2/2022	2.7	
2/8/2023	1.9	
8/2/2023	2.3	
2/7/2024	1.6	
8/14/2024	2.4	
2/5/2025	1.9	
8/6/2025	1.7	
2/3/2026		2.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-12
4/20/2016	0.601 (J)	
6/15/2016	0.8 (J)	
8/10/2016	<1	
9/27/2016	<1	
11/15/2016	<1	
1/12/2017	<1	
3/1/2017	<1	
4/20/2017	<1	
10/12/2017	<1	
1/11/2018	<1	
7/12/2018	<1	
1/30/2019	0.65 (J)	
3/27/2019	0.67 (J)	
9/11/2019	1	
4/1/2020	0.91 (J)	
9/16/2020	0.53 (J)	
3/16/2021	<1	
8/18/2021	<1	
2/23/2022	1.1	
8/3/2022	<1	
2/7/2023	<1	
8/2/2023	0.56 (J)	
2/8/2024	0.4 (J)	
8/14/2024	0.61 (J)	
2/5/2025	0.56 (J)	
8/6/2025	0.94 (J)	
2/3/2026		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-19	GWC-19
4/19/2016	2.21	
6/16/2016	2.5	
8/10/2016	2.7	
9/28/2016	2.5	
11/15/2016	2.2	
1/16/2017	2.1	
3/1/2017	1.9	
4/25/2017	1.6	
10/12/2017	1.7	
1/12/2018	1.5	
7/11/2018	1.4	
1/29/2019	1.4	
3/27/2019	1.6	
9/11/2019	1.8	
4/1/2020	2.1	
9/16/2020	1.6	
3/16/2021	1.9	
8/19/2021	2.5	
2/23/2022	3.1	
8/3/2022	1.7	
2/8/2023	2	
8/2/2023	2.2	
2/7/2024	1.8	
8/14/2024	2.4	
2/4/2025	<1	
8/5/2025	1.9	
2/3/2026		2.4

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-20	GWC-20
4/21/2016	5.25	
6/16/2016	3.9	
8/10/2016	2.8	
9/27/2016	2.6	
11/15/2016	1.9	
1/13/2017	1.8	
3/1/2017	1.7	
4/25/2017	1.3	
10/12/2017	1.1	
1/12/2018	0.86 (J)	
7/11/2018	0.9 (J)	
1/29/2019	1.3	
3/27/2019	1.7	
9/11/2019	0.97 (J)	
4/1/2020	1.6	
9/15/2020	0.67 (J)	
3/16/2021	0.98 (J)	
8/19/2021	1.3	
2/22/2022	1.4	
8/3/2022	<1	
2/8/2023	<1	
8/2/2023	0.82 (J)	
2/7/2024	0.5 (J)	
8/14/2024	0.92 (J)	
2/5/2025	0.98 (J)	
8/5/2025	0.78 (J)	
2/3/2026		0.94 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:22 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-21
4/21/2016	1.99	
6/16/2016	1.6	
8/10/2016	1.1	
9/27/2016	1.1	
11/15/2016	1	
1/12/2017	1.2	
3/1/2017	1.2	
4/24/2017	0.95 (J)	
10/12/2017	0.72 (J)	
1/11/2018	<1	
7/11/2018	<1	
1/30/2019	0.72 (J)	
3/27/2019	0.92 (J)	
9/11/2019	0.94 (J)	
4/1/2020	0.81 (J)	
9/15/2020	0.56 (J)	
3/17/2021	<1	
8/19/2021	0.79 (J)	
2/23/2022	1	
8/4/2022	<1	
2/8/2023	<1	
8/3/2023	0.54 (J)	
2/7/2024	0.4 (J)	
8/14/2024	0.51 (J)	
2/5/2025	0.64 (J)	
8/5/2025	<1	
2/4/2026		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:23 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23	GWC-23
6/16/2016	9.2 (O)	
8/10/2016	3.1	
9/28/2016	3.1	
11/16/2016	3.2	
1/17/2017	2.6	
3/2/2017	3.3	
4/25/2017	2.4	
7/13/2017	2.1	
10/12/2017	2.1	
1/12/2018	1.9	
7/12/2018	2	
1/30/2019	2.4	
3/27/2019	2.8	
9/11/2019	2.5	
4/1/2020	2	
9/15/2020	1.9	
3/17/2021	1.8	
8/19/2021	1.9	
2/23/2022	2.4	
8/4/2022	1.8	
2/8/2023	1.7	
8/3/2023	2.9	
2/7/2024	1.7	
8/14/2024	2.5	
2/5/2025	2.5	
8/6/2025	1.9	
2/4/2026		2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/16/2026 8:23 AM View: Appendix III - Intrawell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-9	GWC-9
4/19/2016	3.84	
6/15/2016	3.8	
8/10/2016	1.6	
9/27/2016	0.91 (J)	
11/15/2016	<1	
1/13/2017	<1	
3/1/2017	1.5	
4/24/2017	1.2	
10/12/2017	2.3	
1/12/2018	<1	
7/12/2018	<1	
1/30/2019	0.58 (J)	
3/27/2019	1.2	
9/11/2019	0.92 (J)	
4/1/2020	4.1	
9/16/2020	<1	
3/17/2021	<1	
8/19/2021	<1	
2/23/2022	<1	
8/3/2022	<1	
2/8/2023	<1	
8/2/2023	0.42 (J)	
2/7/2024	<1	
8/14/2024	1	
2/5/2025	0.61 (J)	
8/6/2025	<1	
2/4/2026		1.1

ND substitution: RL or RL/2 if <15% NDs.

FIGURE I.

Appendix III Interwell Prediction Limits - All Results (No Significant)

Plant McIntosh Client: Southern Company Data: McIntosh LF 4 Printed 4/16/2026, 8:25 AM

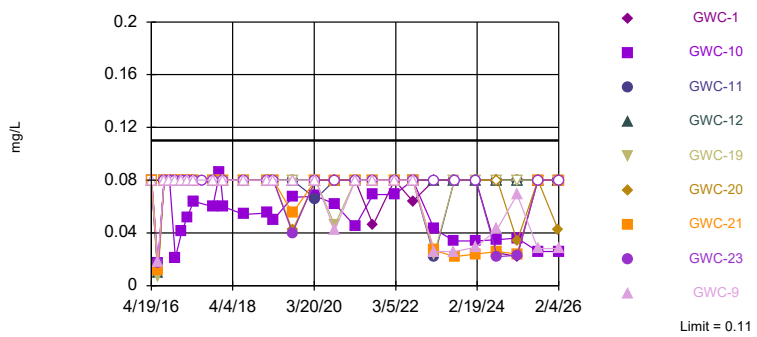
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-1	0.11	n/a	2/3/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	2/4/2026	0.026J	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.11	n/a	2/3/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.11	n/a	2/3/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.11	n/a	2/3/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.11	n/a	2/3/2026	0.042J	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21	0.11	n/a	2/4/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23	0.11	n/a	2/4/2026	0.08ND	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-9	0.11	n/a	2/4/2026	0.028J	No	270	n/a	n/a	85.56	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-1	33.2	n/a	2/3/2026	1.1	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-10	33.2	n/a	2/4/2026	21	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-11	33.2	n/a	2/3/2026	11	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-12	33.2	n/a	2/3/2026	0.65	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	33.2	n/a	2/3/2026	5.8	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	33.2	n/a	2/3/2026	1.4	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21	33.2	n/a	2/4/2026	1.2	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23	33.2	n/a	2/4/2026	1.1	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	33.2	n/a	2/4/2026	3	No	271	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1	9.4	n/a	2/3/2026	4.7	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	9.4	n/a	2/4/2026	5.8	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	9.4	n/a	2/3/2026	5.1	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	9.4	n/a	2/3/2026	3.8	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	9.4	n/a	2/3/2026	5	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	9.4	n/a	2/3/2026	7.7	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	9.4	n/a	2/4/2026	7	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-23	9.4	n/a	2/4/2026	5.3	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	9.4	n/a	2/4/2026	8.5	No	269	n/a	n/a	0	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.74	n/a	2/3/2026	0.11J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.74	n/a	2/4/2026	0.19J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.74	n/a	2/3/2026	0.31	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.74	n/a	2/3/2026	0.11J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.74	n/a	2/3/2026	0.17J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.74	n/a	2/3/2026	0.11J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-21	0.74	n/a	2/4/2026	0.097J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-23	0.74	n/a	2/4/2026	0.12J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-9	0.74	n/a	2/4/2026	0.14J	No	271	n/a	n/a	57.2	n/a	n/a	0.00004916	NP Inter (NDs) 1 of 2
pH, Field (SU)	GWC-1	7.1	4.21	2/3/2026	4.84	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-10	7.1	4.21	2/4/2026	6.35	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-11	7.1	4.21	2/3/2026	6.16	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-12	7.1	4.21	2/3/2026	4.91	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-19	7.1	4.21	2/3/2026	5.43	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-20	7.1	4.21	2/3/2026	4.72	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-21	7.1	4.21	2/4/2026	4.68	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-23	7.1	4.21	2/4/2026	4.94	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-9	7.1	4.21	2/4/2026	5.29	No	290	n/a	n/a	0	n/a	n/a	0.00009831	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-1	150	n/a	2/3/2026	50	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-10	150	n/a	2/4/2026	95	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-11	150	n/a	2/3/2026	92	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-12	150	n/a	2/3/2026	22	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-19	150	n/a	2/3/2026	56	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-20	150	n/a	2/3/2026	51	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-21	150	n/a	2/4/2026	5ND	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-23	150	n/a	2/4/2026	5ND	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-9	150	n/a	2/4/2026	17	No	270	n/a	n/a	8.148	n/a	n/a	0.00004916	NP Inter (normality) 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 270 background values. 85.56% NDs. Annual per-constituent alpha = 0.0008845. Individual comparison alpha = 0.00004916 (1 of 2). Comparing 9 points to limit.

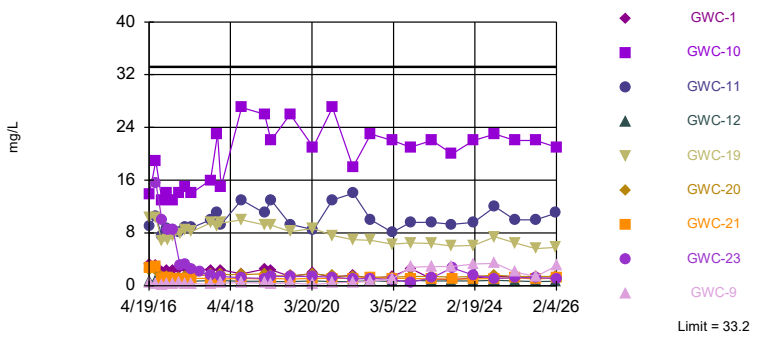
Constituent: Boron Analysis Run 4/16/2026 8:23 AM View: Appendix III - Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 271 background values. Annual per-constituent alpha = 0.0008845. Individual comparison alpha = 0.00004916 (1 of 2). Comparing 9 points to limit.

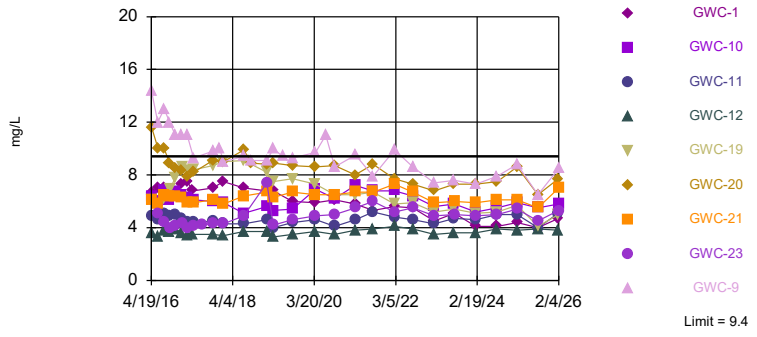
Constituent: Calcium Analysis Run 4/16/2026 8:23 AM View: Appendix III - Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 269 background values. Annual per-constituent alpha = 0.0008845. Individual comparison alpha = 0.00004916 (1 of 2). Comparing 9 points to limit.

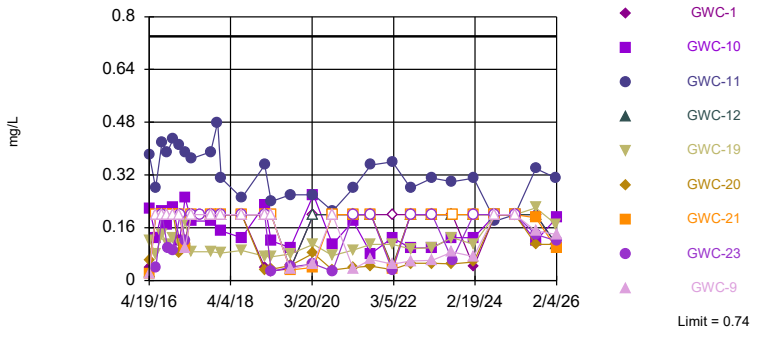
Constituent: Chloride Analysis Run 4/16/2026 8:23 AM View: Appendix III - Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 271 background values. 57.2% NDs. Annual per-constituent alpha = 0.0008845. Individual comparison alpha = 0.00004916 (1 of 2). Comparing 9 points to limit.

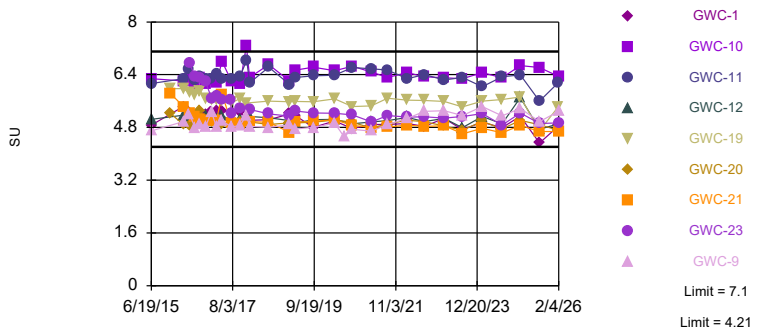
Constituent: Fluoride Analysis Run 4/16/2026 8:23 AM View: Appendix III - Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

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Within Limits

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 290 background values. Annual per-constituent alpha = 0.001769. Individual comparison alpha = 0.00009831 (1 of 2). Comparing 9 points to limit.

Constituent: pH, Field Analysis Run 4/16/2026 8:23 AM View: Appendix III - Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

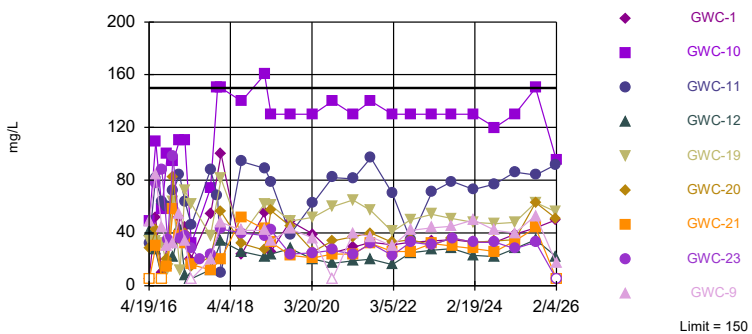
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 270 background values. 8.148% NDs. Annual per-constituent alpha = 0.0008845. Individual comparison alpha = 0.00004916 (1 of 2). Comparing 9 points to limit.

Constituent: TDS Analysis Run 4/16/2026 8:23 AM View: Appendix III - Interwell
Plant McIntosh Client: Southern Company Data: McIntosh LF 4

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-18 (bg)	GWC-19	GWA-3 (bg)	GWC-9	GWC-17 (bg)	GWC-11	GWA-16 (bg)	GWC-12
4/19/2016	<0.08	<0.08	<0.08	<0.08	<0.08				
4/20/2016						<0.08	<0.08	<0.08	<0.08
4/21/2016									
6/14/2016	0.012 (J)			0.0077 (J)					
6/15/2016					0.018 (J)	0.0095 (J)	0.011 (J)	0.0085 (J)	0.01 (J)
6/16/2016		0.011 (J)	0.0069 (J)						
8/9/2016	<0.08			<0.08		<0.08		<0.08	
8/10/2016			<0.08		<0.08		<0.08		<0.08
8/11/2016		<0.08							
9/26/2016	<0.08								
9/27/2016				<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
9/28/2016		<0.08	<0.08						
11/14/2016				<0.08					
11/15/2016	<0.08		<0.08		<0.08	<0.08	<0.08	<0.08	<0.08
11/16/2016		<0.08							
1/10/2017	<0.08			<0.08					
1/11/2017		<0.08				<0.08		<0.08	
1/12/2017							<0.08		<0.08
1/13/2017					<0.08				
1/16/2017			<0.08						
1/17/2017									
2/28/2017	0.022 (J)			<0.08					
3/1/2017		<0.08	<0.08		<0.08	<0.08	<0.08	<0.08	<0.08
3/2/2017									
4/19/2017	<0.08			<0.08					
4/20/2017						<0.08		<0.08	<0.08
4/24/2017					<0.08		<0.08		
4/25/2017		<0.08	<0.08						
7/13/2017									
10/10/2017	<0.08								
10/11/2017				<0.08		<0.08	<0.08	<0.08	
10/12/2017		<0.08	<0.08		<0.08				<0.08
12/12/2017									
1/10/2018	<0.08			<0.08					
1/11/2018						<0.08	<0.08	<0.08	<0.08
1/12/2018		<0.08	<0.08		<0.08				
7/11/2018	<0.08	<0.08	<0.08	<0.08		<0.08		<0.08	
7/12/2018					<0.08		<0.08		<0.08
1/29/2019	<0.08		<0.08	<0.08		<0.08		<0.08	
1/30/2019		<0.08			<0.08		<0.08		<0.08
3/26/2019								<0.08	
3/27/2019	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08
9/10/2019								<0.08	
9/11/2019	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08
3/31/2020									
4/1/2020	0.042 (J)	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08
4/2/2020							0.066 (J)		
9/15/2020	<0.08	<0.08		0.061 (J)		<0.08	<0.08	<0.08	
9/16/2020			0.046 (J)		0.042 (J)				<0.08
3/16/2021	<0.08		<0.08	<0.08		<0.08		<0.08	<0.08
3/17/2021		<0.08			<0.08		<0.08		
8/17/2021	0.069 (J)			<0.08				0.061 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-18 (bg)	GWC-19	GWA-3 (bg)	GWC-9	GWC-17 (bg)	GWC-11	GWA-16 (bg)	GWC-12
8/18/2021							<0.08		<0.08
8/19/2021		<0.08	<0.08		<0.08	<0.08			
2/22/2022	0.11			0.065 (J)		<0.08		<0.08	
2/23/2022		<0.08	<0.08		<0.08		<0.08		<0.08
8/2/2022	<0.08	<0.08		<0.08		<0.08	<0.08	<0.08	
8/3/2022			<0.08		<0.08				<0.08
8/4/2022									
2/6/2023									
2/7/2023	<0.08	<0.08		<0.08				<0.08	<0.08
2/8/2023			0.024 (J)		0.026 (J)	<0.08	0.022 (J)		
8/1/2023	0.024 (J)							<0.08	
8/2/2023		<0.08	<0.08	0.025 (J)	0.026 (J)	<0.08	<0.08		<0.08
8/3/2023									
2/6/2024	<0.08			0.023 (J)		<0.08		<0.08	
2/7/2024		<0.08	<0.08		0.029 (J)		<0.08		
2/8/2024									<0.08
8/13/2024				<0.08		<0.08		<0.08	
8/14/2024		0.022 (J)	<0.08		0.043 (J)		<0.08		<0.08
8/15/2024	0.026 (J)								
2/3/2025									
2/4/2025	<0.08		<0.08	0.026 (J)		<0.08		<0.08	
2/5/2025		0.026 (J)			0.069 (J)		<0.08		<0.08
8/4/2025									
8/5/2025	<0.08		<0.08			<0.08		<0.08	
8/6/2025		<0.08		<0.08	0.028 (J)		<0.08		<0.08
2/2/2026				<0.08					
2/3/2026	<0.08	<0.08	<0.08			<0.08	<0.08	<0.08	<0.08
2/4/2026					0.028 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-13 (bg)	GWA-5 (bg)	GWA-4A (bg)	GWC-1	GWC-10	GWA-15 (bg)	GWC-21	GWC-20
4/19/2016									
4/20/2016	<0.08	<0.08	<0.08	<0.08	<0.08				
4/21/2016						<0.08	<0.08	<0.08	<0.08
6/14/2016	0.0098 (J)	0.0086 (J)	0.011 (J)	0.01 (J)					
6/15/2016					0.017 (J)		0.0095 (J)		
6/16/2016						0.017 (J)		0.012 (J)	0.012 (J)
8/9/2016	<0.08	<0.08	<0.08				<0.08		
8/10/2016					<0.08	<0.08		<0.08	<0.08
8/11/2016				<0.08					
9/26/2016									
9/27/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
9/28/2016									
11/14/2016				<0.08					
11/15/2016	<0.08	<0.08	<0.08		<0.08	0.021 (J)	<0.08	<0.08	<0.08
11/16/2016									
1/10/2017				<0.08					
1/11/2017	<0.08		<0.08				<0.08		
1/12/2017		<0.08			<0.08	0.041 (J)		<0.08	
1/13/2017									<0.08
1/16/2017									
1/17/2017									
2/28/2017	<0.08	<0.08	<0.08	<0.08			<0.08		
3/1/2017					<0.08	0.052		<0.08	<0.08
3/2/2017									
4/19/2017									
4/20/2017	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08		
4/24/2017						0.064		<0.08	
4/25/2017									<0.08
7/13/2017									
10/10/2017				<0.08					
10/11/2017	<0.08	<0.08	<0.08		<0.08		<0.08		
10/12/2017						0.06		<0.08	<0.08
12/12/2017						0.086			
1/10/2018		<0.08	<0.08	<0.08					
1/11/2018	<0.08				<0.08	0.06	<0.08	<0.08	
1/12/2018									<0.08
7/11/2018	<0.08	<0.08	<0.08	<0.08			<0.08	<0.08	<0.08
7/12/2018					<0.08	0.054			
1/29/2019	<0.08	<0.08	<0.08	<0.08			<0.08		<0.08
1/30/2019					<0.08	0.055		<0.08	
3/26/2019	<0.08	<0.08	<0.08	<0.08			<0.08		
3/27/2019					<0.08	0.05		<0.08	<0.08
9/10/2019	<0.08	0.061 (J)	<0.08	0.052 (J)					
9/11/2019					<0.08	0.067 (J)	<0.08	0.055 (J)	0.042 (J)
3/31/2020		<0.08	<0.08	<0.08					
4/1/2020	<0.08				<0.08	0.068 (J)	<0.08	<0.08	<0.08
4/2/2020									
9/15/2020	<0.08	<0.08	0.047 (J)		<0.08	0.062 (J)	<0.08	<0.08	<0.08
9/16/2020				0.056 (J)					
3/16/2021	<0.08	<0.08			<0.08	0.045 (J)			<0.08
3/17/2021			<0.08	<0.08			<0.08	<0.08	
8/17/2021	0.1								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-13 (bg)	GWA-5 (bg)	GWA-4A (bg)	GWC-1	GWC-10	GWA-15 (bg)	GWC-21	GWC-20
8/18/2021		0.044 (J)			0.046 (J)	0.069 (J)			
8/19/2021			<0.08	<0.08			<0.08	<0.08	<0.08
2/22/2022	<0.08	<0.08	<0.08				<0.08		<0.08
2/23/2022				0.096	<0.08	0.069 (J)		<0.08	
8/2/2022	<0.08	<0.08	<0.08				<0.08		
8/3/2022				<0.08	0.064 (J)	<0.08			<0.08
8/4/2022								<0.08	
2/6/2023		<0.08							
2/7/2023	<0.08		0.024 (J)	0.022 (J)	<0.08		<0.08		
2/8/2023						0.043 (J)		0.027 (J)	<0.08
8/1/2023		0.035 (J)	0.047 (J)	0.026 (J)			<0.08		
8/2/2023	0.038 (J)				<0.08	0.034 (J)			<0.08
8/3/2023								0.022 (J)	
2/6/2024	<0.08	<0.08	<0.08	<0.08			<0.08		
2/7/2024					<0.08	0.034 (J)		0.024 (J)	<0.08
2/8/2024									
8/13/2024	<0.08	<0.08	<0.08	0.024 (J)			<0.08		
8/14/2024					0.025 (J)	0.035 (J)		0.026 (J)	<0.08
8/15/2024									
2/3/2025				0.023 (J)					
2/4/2025	<0.08	<0.08	<0.08			0.036 (J)	<0.08		
2/5/2025					0.022 (J)			0.024 (J)	0.034 (J)
8/4/2025	<0.08								
8/5/2025		<0.08	<0.08	<0.08			<0.08	<0.08	<0.08
8/6/2025					<0.08	0.026 (J)			
2/2/2026	<0.08	<0.08	<0.08	<0.08					
2/3/2026					<0.08		<0.08		0.042 (J)
2/4/2026						0.026 (J)		<0.08	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	0.017 (J)
8/9/2016	
8/10/2016	<0.08
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	<0.08
11/14/2016	
11/15/2016	
11/16/2016	<0.08
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	<0.08
2/28/2017	
3/1/2017	
3/2/2017	<0.08
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	<0.08
7/13/2017	<0.08
10/10/2017	
10/11/2017	
10/12/2017	<0.08
12/12/2017	
1/10/2018	
1/11/2018	
1/12/2018	<0.08
7/11/2018	
7/12/2018	<0.08
1/29/2019	
1/30/2019	<0.08
3/26/2019	
3/27/2019	<0.08
9/10/2019	
9/11/2019	0.04 (J)
3/31/2020	
4/1/2020	<0.08
4/2/2020	
9/15/2020	<0.08
9/16/2020	
3/16/2021	
3/17/2021	<0.08
8/17/2021	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
8/18/2021	
8/19/2021	<0.08
2/22/2022	
2/23/2022	<0.08
8/2/2022	
8/3/2022	
8/4/2022	<0.08
2/6/2023	
2/7/2023	
2/8/2023	<0.08
8/1/2023	
8/2/2023	
8/3/2023	<0.08
2/6/2024	
2/7/2024	<0.08
2/8/2024	
8/13/2024	
8/14/2024	0.022 (J)
8/15/2024	
2/3/2025	
2/4/2025	
2/5/2025	0.023 (J)
8/4/2025	
8/5/2025	
8/6/2025	<0.08
2/2/2026	
2/3/2026	
2/4/2026	<0.08

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-9	GWC-18 (bg)	GWC-19	GWA-3 (bg)	GWC-11	GWA-13 (bg)	GWC-17 (bg)	GWC-12
4/19/2016	0.485 (J)	0.431 (J)	26	10.3	1.13				
4/20/2016						8.94	0.389 (J)	2.48	0.69
4/21/2016									
6/14/2016	0.72				1		0.37 (J)		
6/15/2016		0.27 (J)				10.6		2.2	0.69
6/16/2016			33.2	10.4					
8/9/2016	0.24 (J)				0.71		0.14 (J)	1.8	
8/10/2016		0.13 (J)		6.7		7.6			0.45
8/11/2016			18						
9/26/2016	0.48								
9/27/2016		0.21 (J)			0.77	8.7	0.33	1.9	0.61
9/28/2016			17	6.9					
11/14/2016					0.75				
11/15/2016	0.54	0.27		7.5		8.4	0.28	2.1	0.61
11/16/2016			17						
1/10/2017	0.62				0.73				
1/11/2017			15					2	
1/12/2017						8.1	0.37		0.6
1/13/2017		0.41							
1/16/2017				8					
1/17/2017									
2/28/2017	0.91				0.76		0.26		
3/1/2017		0.25	16	8.5		8.9		2.1	0.61
3/2/2017									
4/19/2017	0.75				0.69				
4/20/2017							0.27	2	0.65
4/24/2017		0.34				8.8			
4/25/2017			17	8.2					
7/13/2017									
10/10/2017	0.54								
10/11/2017					0.73	10	0.3	2.1	
10/12/2017		0.21 (J)	14	9.5					0.76
12/12/2017				9.1					
12/13/2017			12			11			
1/10/2018	0.52				0.88		0.27		
1/11/2018						9.3		2.1	0.78
1/12/2018		0.4	15	9.5					
7/11/2018	0.5		12	10	0.81		0.32	2.1	
7/12/2018		0.49				13			0.67
1/29/2019	0.53			9.2	0.85		0.33	2.2	
1/30/2019		0.38	14			11			0.68
3/26/2019							0.3		
3/27/2019	0.37	0.28	11	9.2	0.73	13		2	0.62
9/10/2019							0.37 (J)		
9/11/2019	0.43 (J)	0.44 (J)	13	8.2	0.76	9.3		2	0.62
3/31/2020							0.42 (J)		
4/1/2020	0.47 (J)	0.2 (J)	11	8.7	0.72			2.1	0.7
4/2/2020						8.5			
9/15/2020	0.42 (J)		10		0.84	13	0.32 (J)	2	
9/16/2020		0.45 (J)		7.6					0.64
3/16/2021	0.4 (J)			7	0.75		0.4 (J)	2	0.62
3/17/2021		0.51	9.1			14			

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-9	GWC-18 (bg)	GWC-19	GWA-3 (bg)	GWC-11	GWA-13 (bg)	GWC-17 (bg)	GWC-12
8/17/2021	0.4 (J)				0.81				
8/18/2021						10	0.51		0.75
8/19/2021		0.67	9.3	6.9				2.2	
2/22/2022	0.42 (J)				0.72		0.35 (J)	2	
2/23/2022		1	9.1	6.3		8.1			0.64
8/2/2022	0.51		11		0.7	9.6	0.36 (J)	2	
8/3/2022		2.8		6.5					0.82
8/4/2022									
2/6/2023							0.53		
2/7/2023	0.38 (J)		15		0.66				0.73
2/8/2023		2.9		6.4		9.6		2.4	
8/1/2023	0.37 (J)						0.44 (J)		
8/2/2023		2.9	13	6	0.69	9.3		2.3	0.71
8/3/2023									
2/6/2024	0.38 (J)				0.61		0.47 (J)	2.5	
2/7/2024		3.3	16	6.1		9.6			
2/8/2024									0.73
8/13/2024					0.75		0.44 (J)	2.5	
8/14/2024		3.4	18	7.4		12			0.84
8/15/2024	0.66								
2/3/2025									
2/4/2025	0.39 (J)			6.5	0.61		0.45 (J)	2.4	
2/5/2025		2.1	14			10			0.7
8/4/2025									
8/5/2025	0.32			5.6			0.33	2.1	
8/6/2025		1.4	10		0.55	10			0.64
2/2/2026					0.54		0.31		
2/3/2026	0.3		12	5.8		11		2.2	0.65
2/4/2026		3							

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A (bg)	GWA-14 (bg)	GWC-1	GWA-5 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-10	GWC-20	GWC-21
4/19/2016									
4/20/2016	1.12	0.686	3.22	4.39	0.472 (J)				
4/21/2016						0.686	13.9	2.29	2.78
6/14/2016	1.1	0.62		2.4					
6/15/2016			3		0.42 (J)	0.61			
6/16/2016							18.9	2.4	2.9
8/9/2016		0.39		2	0.19 (J)	0.21 (J)			
8/10/2016			2.1				13	1.4	0.99
8/11/2016	1.9								
9/26/2016									
9/27/2016	3.4	0.52	2.3	2.9	0.39	0.4	14	1.4	1.3
9/28/2016									
11/14/2016	3.1								
11/15/2016		0.5	2.4	2.5	0.39	0.35	13	1.3	1.1
11/16/2016									
1/10/2017	1.5								
1/11/2017		0.47		2.5	0.36	0.34			
1/12/2017			2.5				14		0.93
1/13/2017								1.3	
1/16/2017									
1/17/2017									
2/28/2017	1.1	0.47		2.7		0.37			
3/1/2017			2.7		0.38		15	1.4	1
3/2/2017									
4/19/2017									
4/20/2017	0.98	0.5	2.6	2.8	0.41	0.43			
4/24/2017							14		1.1
4/25/2017								1.4	
7/13/2017									
10/10/2017	0.8								
10/11/2017		0.49	2.4	3.3	0.4	0.41			
10/12/2017							16	1.7	1.1
12/12/2017							23		
12/13/2017									
1/10/2018	0.82			3.3					
1/11/2018		0.51	2.4		0.43	0.41	15		1
1/12/2018								1.7	
7/11/2018	1	0.47		3	0.45	0.53		1.7	1.1
7/12/2018			1.8				27		
1/29/2019	0.83	0.51		3.3	0.41	0.91		1.8	
1/30/2019			2.5				26		1
3/26/2019	0.53	0.42		2.8	0.37	0.58			
3/27/2019			2.4				22	1.5	1.1
9/10/2019	0.64	0.47 (J)		2.3	0.41 (J)				
9/11/2019			1.4			0.42 (J)	26	1.5	1
3/31/2020	0.8			2.9					
4/1/2020		0.49 (J)	1.9		0.43 (J)	2.3	21	1.8	1.1
4/2/2020									
9/15/2020		0.6	1.3	2.2	0.42 (J)	0.38 (J)	27	1.5	1.1
9/16/2020	0.43 (J)								
3/16/2021		0.51	1.6		0.48 (J)		18	1.4	
3/17/2021	0.33 (J)			2.4		5.5			1.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-4A (bg)	GWA-14 (bg)	GWC-1	GWA-5 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-10	GWC-20	GWC-21
8/17/2021		0.47 (J)			0.46 (J)				
8/18/2021			1.1				23		
8/19/2021	0.3 (J)			2.4		0.49 (J)		1.3	1.2
2/22/2022		0.52		2.3	0.43 (J)	0.92		1.3	
2/23/2022	0.35 (J)		1.4				22		1.1
8/2/2022		0.7		2.5	0.44 (J)	0.42 (J)			
8/3/2022	1.1		2.6				21	1.4	
8/4/2022									1.1
2/6/2023									
2/7/2023	0.46 (J)	0.58	1	2.1	0.45 (J)	1.9			
2/8/2023							22	1.4	1
8/1/2023	0.53			2.3	0.43 (J)	0.51			
8/2/2023		0.5	0.93				20	1.3	
8/3/2023									1
2/6/2024	0.47 (J)	0.57		1.9	0.5	2.4			
2/7/2024			1.2				22	1.4	1
2/8/2024									
8/13/2024	0.45 (J)	0.55		1.8	0.49 (J)	0.98			
8/14/2024			1.4				23	1.6	1.1
8/15/2024									
2/3/2025	0.55								
2/4/2025		0.51		1.6	0.48 (J)	3.3	22		
2/5/2025			1.4					1.4	1.2
8/4/2025		0.45							
8/5/2025	0.35			1.4	0.38	0.84		1.4	1
8/6/2025			1.1				22		
2/2/2026	0.48	0.47		1.4					
2/3/2026			1.1		0.39	0.38		1.4	
2/4/2026							21		1.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	15.6
8/9/2016	
8/10/2016	10
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	8.5
11/14/2016	
11/15/2016	
11/16/2016	8.4
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	3
2/28/2017	
3/1/2017	
3/2/2017	3.3
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	2.5
7/13/2017	2.1
10/10/2017	
10/11/2017	
10/12/2017	1.5
12/12/2017	
12/13/2017	
1/10/2018	
1/11/2018	
1/12/2018	1.4
7/11/2018	
7/12/2018	1.2
1/29/2019	
1/30/2019	1.1
3/26/2019	
3/27/2019	1.4
9/10/2019	
9/11/2019	1.4
3/31/2020	
4/1/2020	1.4
4/2/2020	
9/15/2020	1.3
9/16/2020	
3/16/2021	
3/17/2021	0.99

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
8/17/2021	
8/18/2021	
8/19/2021	1.1
2/22/2022	
2/23/2022	0.92
8/2/2022	
8/3/2022	
8/4/2022	0.51
2/6/2023	
2/7/2023	
2/8/2023	1.2
8/1/2023	
8/2/2023	
8/3/2023	2.7
2/6/2024	
2/7/2024	1.6
2/8/2024	
8/13/2024	
8/14/2024	1.1
8/15/2024	
2/3/2025	
2/4/2025	
2/5/2025	1.2
8/4/2025	
8/5/2025	
8/6/2025	1.2
2/2/2026	
2/3/2026	
2/4/2026	1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-18 (bg)	GWC-19	GWC-9	GWA-3 (bg)	GWC-12	GWC-1	GWC-17 (bg)	GWA-16 (bg)
4/19/2016	5.01	5.03	6.1	14.4	9.4				
4/20/2016						3.61	6.68	4.25	3.92
4/21/2016									
6/14/2016	5				8.3				
6/15/2016				12		3.3	7	4.1	3.8
6/16/2016		4.7	5.7						
8/9/2016	5.1				8.6			4.5	4
8/10/2016			6.2	13		3.8	7		
8/11/2016		5.3							
9/26/2016	5.1								
9/27/2016				12	6.3	3.7	6.4	4.4	3.9
9/28/2016		5.1	6.9						
11/14/2016					6.1				
11/15/2016	5.2		7.8	11		3.9	6.6	4.5	4
11/16/2016		5.2							
1/10/2017	4.9				6.1				
1/11/2017		5						4.2	3.7
1/12/2017						3.6	7.3		
1/13/2017				11					
1/16/2017			8.6						
1/17/2017									
2/28/2017	4.7				6.2				
3/1/2017		4.6	8.3	11		3.4	7.5	3.9	3.5
3/2/2017									
4/19/2017	4.4				5				
4/20/2017						3.5	6.8	4	3.6
4/24/2017				9.3					
4/25/2017		4.6	8.4						
7/13/2017									
10/10/2017	4.7								
10/11/2017					4.1		7	4.1	3.5
10/12/2017		4.6	8.7	9.8		3.5			
12/12/2017				10					
1/10/2018	4.6				4.2				
1/11/2018						3.4	7.5	4.1	3.4
1/12/2018		4.5	9	9					
7/11/2018	5	4.9	9.1		4.3			4.4	3.7
7/12/2018				9.4		3.7	7		
9/13/2018				9.1					
1/29/2019	5		8.2		4			4.5	3.8
1/30/2019		4.8		9.1		3.7	6.8		
3/26/2019									3.6
3/27/2019	4.5	4.3	7.5	10	3.5	3.3	6.8	4.1	
6/17/2019				9.4					
9/10/2019									3.7
9/11/2019	4.8	4.5	7.7	9.3	3.5	3.5	6	4.3	
3/31/2020									
4/1/2020	4.9	4.7	7.3	9.7	3.7	3.7	5.9	4.6	3.8
4/2/2020									
6/30/2020				11					
9/15/2020	4.9	4.4			3.4		6.1	4.3	3.7
9/16/2020			6.5	8.6		3.5			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-18 (bg)	GWC-19	GWC-9	GWA-3 (bg)	GWC-12	GWC-1	GWC-17 (bg)	GWA-16 (bg)
3/16/2021	4.9		6.5		3.6	3.8	5.8	4.9	4.1
3/17/2021		4.7		9.5					
8/17/2021	5.4				3.5				4
8/18/2021						3.9	5.3		
8/19/2021		5.1	6.7	7.9				4.8	
2/22/2022	4.6				3.4			4.5	3.7
2/23/2022		5	5.8	9.9		4.1	5.6		
8/2/2022	4.7	4.6			3.5			4.7	3.9
8/3/2022			5.9	8.6		3.9	5.5		
8/4/2022									
2/6/2023									
2/7/2023	4.2	4.3			3.1	3.5	4.5		3.7
2/8/2023			5.2	7.4				4.5	
8/1/2023	4.4								3.9
8/2/2023		4.7	5.4	7.6	2.9	3.6	5.1	4.8	
8/3/2023									
2/6/2024	4.4				3.3			4.7	3.8
2/7/2024		4.5	5.1	7.3			4.1		
2/8/2024						3.6			
8/13/2024					2.9			5	4.1
8/14/2024		4.9	5.2	7.9		3.9	4.1		
8/15/2024	4.2								
2/3/2025									
2/4/2025	4.1		5.7		2.9			5.2	4.1
2/5/2025		4.8		8.8		3.8	4.4		
8/4/2025									
8/5/2025	3.4		4.1					4.4	3.7
8/6/2025		4		6.5	2.7	3.9	4		
2/2/2026					2.9				
2/3/2026	4.2	4.9	5			3.8	4.7	4.9	4
2/4/2026				8.5					

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-13 (bg)	GWA-5 (bg)	GWA-4A (bg)	GWC-11	GWA-15 (bg)	GWC-20	GWC-21	GWC-10
4/19/2016									
4/20/2016	4.55	3.49	3.69	2.93	4.9				
4/21/2016						3.99	11.6	6.08	6.41
6/14/2016	4.3	3.4	3.5	2.9					
6/15/2016					4.6	3.5			
6/16/2016							10	5.8	6
8/9/2016	4.5	3.7	3.7			4			
8/10/2016					5.1		10	6.5	6.8
8/11/2016				3.6					
9/26/2016									
9/27/2016	4.4	3.8	3.6	3.4	4.9	3.9	8.9	6.4	6.1
9/28/2016									
11/14/2016				4.2					
11/15/2016	4.5	3.8	3.7		5	4	8.5	6.4	6.7
11/16/2016									
1/10/2017				3.6					
1/11/2017	4.3		3.5			3.8			
1/12/2017		3.5			4.7			6.3	6.5
1/13/2017							8.3		
1/16/2017									
1/17/2017									
2/28/2017	4	3.6	3.3	3.3		3.5			
3/1/2017					4.4		7.9	5.9	6.3
3/2/2017									
4/19/2017									
4/20/2017	4	3.4	3.3	3.5		3.3			
4/24/2017					4.4			5.9	6.1
4/25/2017							8.2		
7/13/2017									
10/10/2017				3.9					
10/11/2017	4	3.4	3.2		4.5	3.5			
10/12/2017							9.1	6.1	6
12/12/2017									
1/10/2018		3.4	3.2	3.3					
1/11/2018	3.9				4.3	3.4		5.8	5.9
1/12/2018							9		
7/11/2018	4.2	3.4	3.5	3.2		3.8	9.9	6.4	
7/12/2018					4.3				5.1
9/13/2018							8.9		
1/29/2019	4	3.6	3.6	3.4		3.7	8.8		
1/30/2019					4.6			6.7	5.6
3/26/2019	4.1	3.5	3.6	3.7		3.8			
3/27/2019					4		8.9	6.3	5.3
6/17/2019									
9/10/2019	4	3.3	3.5	3.6					
9/11/2019					4.4	3.7	8.7	6.7	5.4
3/31/2020		3.7	4.1	4.9					
4/1/2020	4.2					3.8	8.6	6.5	6.9
4/2/2020					4.6				
6/30/2020									
9/15/2020	4.3	3.5	18 (O)		4.1	3.6	8.7	6.5	6.2
9/16/2020				3.5					

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-13 (bg)	GWA-5 (bg)	GWA-4A (bg)	GWC-11	GWA-15 (bg)	GWC-20	GWC-21	GWC-10
3/16/2021	4.1	4					8		7.2
3/17/2021			4.2	4.5	4.6	4		6.7	
8/17/2021	4.3								
8/18/2021		4.1			5.2				6.8
8/19/2021			4.3	3.5		4.3	8.8	6.7	
2/22/2022	4	3.8	3.8			3.7	7.7		
2/23/2022				3.7	4.8			7.3	6.8
8/2/2022	4.3	3.7	4		4.6	3.7			
8/3/2022				3.4			7.3		6.4
8/4/2022								6.7	
2/6/2023		3.3							
2/7/2023	4		3.8	3.2		3.6			
2/8/2023					4.3		6.8	5.9	5.6
8/1/2023		3.4	3.9	3.4		3.6			
8/2/2023	4				4.7		7.3		5.8
8/3/2023								6	
2/6/2024	3.9	3.4	3.9	3.5		3.5			
2/7/2024					4.6		7.3	5.9	5.2
2/8/2024									
8/13/2024	4.2	3.5	4.1	3.7		3.8			
8/14/2024					5		7.5	6.1	5.5
8/15/2024									
2/3/2025				4.1					
2/4/2025	4.2 (F1)	3.8	4.4			3.9			5.9
2/5/2025					5		8.6	6.1	
8/4/2025	3.5								
8/5/2025		3.1	3.7	3.5		3.5	6.5	5.5	
8/6/2025					4				5.5
2/2/2026	4	4	4.1	3.9					
2/3/2026					5.1	3.6	7.7		
2/4/2026								7	5.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	5.1
8/9/2016	
8/10/2016	4.4
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	4
11/14/2016	
11/15/2016	
11/16/2016	4.1
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	4.3
2/28/2017	
3/1/2017	
3/2/2017	4
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	4.1
7/13/2017	4.2
10/10/2017	
10/11/2017	
10/12/2017	4.3
12/12/2017	
1/10/2018	
1/11/2018	
1/12/2018	4.3
7/11/2018	
7/12/2018	4.9
9/13/2018	
1/29/2019	
1/30/2019	7.4
3/26/2019	
3/27/2019	4.2
6/17/2019	
9/10/2019	
9/11/2019	4.6
3/31/2020	
4/1/2020	4.9
4/2/2020	
6/30/2020	
9/15/2020	5
9/16/2020	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
3/16/2021	
3/17/2021	5.5
8/17/2021	
8/18/2021	
8/19/2021	6
2/22/2022	
2/23/2022	5.2
8/2/2022	
8/3/2022	
8/4/2022	5.5
2/6/2023	
2/7/2023	
2/8/2023	4.9
8/1/2023	
8/2/2023	
8/3/2023	5
2/6/2024	
2/7/2024	4.9
2/8/2024	
8/13/2024	
8/14/2024	5
8/15/2024	
2/3/2025	
2/4/2025	
2/5/2025	5.4
8/4/2025	
8/5/2025	
8/6/2025	4.5
2/2/2026	
2/3/2026	
2/4/2026	5.3

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-18 (bg)	GWC-19	GWA-3 (bg)	GWC-9	GWC-17 (bg)	GWC-11	GWA-16 (bg)	GWC-12
4/19/2016	0.03 (J)	0.706	0.122 (J)	0.022 (J)	0.02 (J)				
4/20/2016						0.147 (J)	0.383	0.022 (J)	0.026 (J)
4/21/2016									
6/14/2016	0.02 (J)			<0.2					
6/15/2016					<0.2	0.1 (J)	0.28 (J)	<0.2	<0.2
6/16/2016		0.56	0.08 (J)						
8/9/2016	<0.2			<0.2		0.16 (J)		<0.2	
8/10/2016			0.14 (J)		<0.2		0.42		<0.2
8/11/2016		0.74							
9/26/2016	<0.2								
9/27/2016				<0.2	<0.2	0.14 (J)	0.39	<0.2	<0.2
9/28/2016		0.7	0.11 (J)						
11/14/2016				<0.2					
11/15/2016	<0.2		0.13 (J)		<0.2	0.16 (J)	0.43	<0.2	<0.2
11/16/2016		0.71							
1/10/2017	<0.2			<0.2					
1/11/2017		0.51				0.16 (J)		<0.2	
1/12/2017							0.41		<0.2
1/13/2017					<0.2				
1/16/2017			0.11 (J)						
1/17/2017									
2/28/2017	0.11 (J)			0.1 (J)					
3/1/2017		0.61	0.18 (J)		0.1 (J)	0.22	0.39	0.1 (J)	0.11 (J)
3/2/2017									
4/19/2017	<0.2			<0.2					
4/20/2017						0.12 (J)		<0.2	<0.2
4/24/2017					<0.2		0.37		
4/25/2017		0.65	0.087 (J)						
7/13/2017									
10/10/2017	<0.2								
10/11/2017				<0.2		0.11 (J)	0.39	<0.2	
10/12/2017		0.6	0.087 (J)		<0.2				<0.2
12/13/2017		0.61					0.48		
1/10/2018	<0.2			<0.2					
1/11/2018						0.12 (J)	0.31	<0.2	<0.2
1/12/2018		0.55	0.083 (J)		<0.2				
7/11/2018	<0.2	0.59	0.091 (J)	<0.2		0.13 (J)		<0.2	
7/12/2018					<0.2		0.25		<0.2
1/29/2019	<0.2		0.074 (J)	<0.2		0.13 (J)		<0.2	
1/30/2019		0.65			<0.2		0.35		<0.2
3/26/2019								<0.2	
3/27/2019	<0.2	0.49	0.072 (J)	<0.2	<0.2	0.1 (J)	0.24		<0.2
9/10/2019								0.035 (J)	
9/11/2019	0.037 (J)	0.47	0.08 (J)	0.033 (J)	0.034 (J)	0.099 (J)	0.26		0.036 (J)
3/31/2020									
4/1/2020	<0.2	0.59	0.11	<0.2	0.051 (J)	0.15		<0.2	<0.2
4/2/2020							0.26		
9/15/2020	0.029 (J)	0.49		<0.2		0.099 (J)	0.21	<0.2	
9/16/2020			0.076 (J)		<0.2				<0.2
3/16/2021	0.033 (J)		0.092 (J)	<0.2		0.13		<0.2	<0.2
3/17/2021		0.54			0.035 (J)		0.28		
8/17/2021	0.073 (J)			0.043 (J)				0.072 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-18 (bg)	GWC-19	GWA-3 (bg)	GWC-9	GWC-17 (bg)	GWC-11	GWA-16 (bg)	GWC-12
8/18/2021							0.35		<0.2
8/19/2021		0.62	0.11		0.064 (J)	0.15			
2/22/2022	<0.2			<0.2		0.062 (J)		<0.2	
2/23/2022		0.66	0.11		0.049 (J)		0.36		0.043 (J)
8/2/2022	<0.2	0.54		<0.2		0.12	0.28	<0.2	
8/3/2022			0.096 (J)		0.059 (J)				<0.2
8/4/2022									
2/6/2023									
2/7/2023	0.048 (J)	0.53		<0.2				<0.2	<0.2
2/8/2023			0.1		0.061 (J)	0.13	0.31		
8/1/2023	0.04 (J)							<0.2	
8/2/2023		0.54	0.13	<0.2	0.086 (J)	0.17	0.3		<0.2
8/3/2023									
2/6/2024	0.083 (J)			0.046 (J)		0.15		<0.2	
2/7/2024		0.53	0.11		0.073 (J)		0.31		
2/8/2024									<0.2
8/13/2024				<0.2		0.063 (J)		<0.2	
8/14/2024		0.43	<0.2		<0.2		0.18		<0.2
8/15/2024	<0.2								
2/3/2025									
2/4/2025	<0.2		<0.2	<0.2		<0.2		<0.2	
2/5/2025		0.38			<0.2		<0.2		<0.2
8/4/2025									
8/5/2025	0.12 (J)		0.22			0.18 (J)		0.16 (J)	
8/6/2025		0.55		<0.2	0.15 (J)		0.34		<0.2
2/2/2026				0.098 (J)					
2/3/2026	0.12 (J)	0.58	0.17 (J)			0.33	0.31	0.18 (J)	0.11 (J)
2/4/2026					0.14 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-13 (bg)	GWA-5 (bg)	GWA-4A (bg)	GWC-1	GWC-20	GWC-21	GWC-10	GWA-15 (bg)
4/19/2016									
4/20/2016	0.021 (J)	0.018 (J)	0.032 (J)	0.028 (J)	0.04 (J)				
4/21/2016						0.06 (J)	0.022 (J)	0.217 (J)	0.019 (J)
6/14/2016	<0.2	<0.2	<0.2	<0.2					
6/15/2016					<0.2				<0.2
6/16/2016						<0.2	<0.2	0.13 (J)	
8/9/2016	<0.2	<0.2	<0.2						<0.2
8/10/2016					<0.2	<0.2	<0.2	0.21	
8/11/2016				<0.2					
9/26/2016									
9/27/2016	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.17 (J)	<0.2
9/28/2016									
11/14/2016				<0.2					
11/15/2016	<0.2	<0.2	<0.2		<0.2	<0.2	<0.2	0.22	<0.2
11/16/2016									
1/10/2017				<0.2					
1/11/2017	<0.2		<0.2						<0.2
1/12/2017		<0.2			<0.2		<0.2	0.12 (J)	
1/13/2017						0.083 (J)			
1/16/2017									
1/17/2017									
2/28/2017	0.1 (J)	0.097 (J)	0.11 (J)	0.1 (J)					0.1 (J)
3/1/2017					0.11 (J)	0.12 (J)	0.1 (J)	0.25	
3/2/2017									
4/19/2017									
4/20/2017	<0.2	<0.2	<0.2	<0.2	<0.2				<0.2
4/24/2017							<0.2	0.18 (J)	
4/25/2017						<0.2			
7/13/2017									
10/10/2017				<0.2					
10/11/2017	<0.2	<0.2	<0.2		<0.2				<0.2
10/12/2017						<0.2	<0.2	0.18 (J)	
12/13/2017									
1/10/2018		<0.2	<0.2	<0.2					
1/11/2018	<0.2				<0.2		<0.2	0.15 (J)	<0.2
1/12/2018						<0.2			
7/11/2018	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2		<0.2
7/12/2018					<0.2			0.13 (J)	
1/29/2019	<0.2	<0.2	<0.2	<0.2		0.031 (J)			<0.2
1/30/2019					0.04 (J)		<0.2	0.23	
3/26/2019	<0.2	<0.2	0.028 (J)	<0.2					<0.2
3/27/2019					0.029 (J)	0.034 (J)	<0.2	0.12 (J)	
9/10/2019	0.032 (J)	0.034 (J)	0.037 (J)	0.044 (J)					
9/11/2019					0.036 (J)	0.045 (J)	0.032 (J)	0.1	0.032 (J)
3/31/2020		0.046 (J)	0.061 (J)	0.043 (J)					
4/1/2020	0.048 (J)				<0.2	0.082 (J)	0.04 (J)	0.26	0.05 (J)
4/2/2020									
9/15/2020	<0.2	<0.2	<0.2		<0.2	0.032 (J)	<0.2	0.11	<0.2
9/16/2020				<0.2					
3/16/2021	<0.2	<0.2			<0.2	0.04 (J)		0.18	
3/17/2021			0.026 (J)	<0.2			<0.2		<0.2
8/17/2021	0.045 (J)								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-14 (bg)	GWA-13 (bg)	GWA-5 (bg)	GWA-4A (bg)	GWC-1	GWC-20	GWC-21	GWC-10	GWA-15 (bg)
8/18/2021		<0.2			<0.2			0.081 (J)	
8/19/2021			0.035 (J)	<0.2		0.044 (J)	<0.2		0.035 (J)
2/22/2022	<0.2	<0.2	<0.2			0.033 (J)			<0.2
2/23/2022				<0.2	<0.2		0.037 (J)	0.13	
8/2/2022	<0.2	<0.2	<0.2						<0.2
8/3/2022				<0.2	<0.2	0.052 (J)		0.098 (J)	
8/4/2022							<0.2		
2/6/2023		<0.2							
2/7/2023	<0.2		<0.2	<0.2	<0.2				<0.2
2/8/2023						0.052 (J)	<0.2	0.1	
8/1/2023		<0.2	<0.2	<0.2					<0.2
8/2/2023	<0.2				<0.2	0.05 (J)		0.13	
8/3/2023							<0.2		
2/6/2024	<0.2	0.041 (J)	0.04 (J)	0.042 (J)					<0.2
2/7/2024					0.042 (J)	0.056 (J)	<0.2	0.13	
2/8/2024									
8/13/2024	<0.2	<0.2	<0.2	<0.2					<0.2
8/14/2024					<0.2	<0.2	<0.2	<0.2	
8/15/2024									
2/3/2025				<0.2					
2/4/2025	<0.2	<0.2	<0.2					<0.2	<0.2
2/5/2025					<0.2	<0.2	<0.2		
8/4/2025	0.17 (J)								
8/5/2025		0.095 (J)	0.12 (J)	0.17 (J)		0.11 (J)	0.19 (J)		0.095 (J)
8/6/2025					<0.2			0.12 (J)	
2/2/2026	0.099 (J)	0.11 (J)	0.19 (J)	0.097 (J)					
2/3/2026					0.11 (J)	0.11 (J)			0.19 (J)
2/4/2026							0.097 (J)	0.19 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	0.04 (J)
8/9/2016	
8/10/2016	<0.2
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	0.097 (J)
11/14/2016	
11/15/2016	
11/16/2016	0.092 (J)
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	<0.2
2/28/2017	
3/1/2017	
3/2/2017	0.12 (J)
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	<0.2
7/13/2017	<0.2
10/10/2017	
10/11/2017	
10/12/2017	<0.2
12/13/2017	
1/10/2018	
1/11/2018	
1/12/2018	<0.2
7/11/2018	
7/12/2018	<0.2
1/29/2019	
1/30/2019	<0.2
3/26/2019	
3/27/2019	0.027 (J)
9/10/2019	
9/11/2019	0.041 (J)
3/31/2020	
4/1/2020	0.05 (J)
4/2/2020	
9/15/2020	0.028 (J)
9/16/2020	
3/16/2021	
3/17/2021	<0.2
8/17/2021	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
8/18/2021	
8/19/2021	<0.2
2/22/2022	
2/23/2022	0.03 (J)
8/2/2022	
8/3/2022	
8/4/2022	<0.2
2/6/2023	
2/7/2023	
2/8/2023	<0.2
8/1/2023	
8/2/2023	
8/3/2023	0.063 (J)
2/6/2024	
2/7/2024	<0.2
2/8/2024	
8/13/2024	
8/14/2024	<0.2
8/15/2024	
2/3/2025	
2/4/2025	
2/5/2025	<0.2
8/4/2025	
8/5/2025	
8/6/2025	0.14 (J)
2/2/2026	
2/3/2026	
2/4/2026	0.12 (J)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5 (bg)	GWC-12	GWA-3 (bg)	GWA-2 (bg)	GWA-4A (bg)	GWC-9	GWC-11	GWC-1	GWC-10
6/19/2015	5.95	5.05	5.23						
6/20/2015				4.69	4.92	4.7	6.13	4.87	6.28
12/14/2015									
12/15/2015									
4/19/2016			4.92	4.99		4.98			
4/20/2016	5.85	5.17			4.9		6.28	5.43	
4/21/2016									6.21
6/14/2016	5.53		4.89	4.98	4.9				
6/15/2016		5.12				5.2	6.55	5.28	
6/16/2016									6.27
8/9/2016	5.44		4.92	4.72					
8/10/2016		5.12				4.78	6.22	5.15	6.12
8/11/2016					5.37				
9/26/2016				4.74					
9/27/2016	5.59	5.19	5.25		5.89	4.91	6.33	5.19	6.29
9/28/2016									
11/14/2016			4.96		5.94				
11/15/2016	5.58	5.14		4.8		4.81	6.28	5.2	6.12
11/16/2016									
1/10/2017			4.21	4.59	5.44				
1/11/2017	5.56								
1/12/2017		5.13					6.26	5.27	6.23
1/13/2017						5.28			
1/16/2017									
1/17/2017									
2/28/2017	5.53		4.95	4.91	5.49				
3/1/2017		5.05				4.81	6.41	5.31	6.15
3/2/2017									
4/19/2017			5.12	4.98					
4/20/2017	5.63	5.15			5.51			5.29	
4/24/2017						4.99	6.26		6.8
4/25/2017									
7/13/2017									
7/17/2017				4.61					
7/18/2017	5.51		4.89		5.26				
7/19/2017									
7/20/2017		5.04							
7/24/2017						4.82	6.27		6.19
7/25/2017									
10/10/2017				4.93	5.28				
10/11/2017			4.96				6.35	5.25	
10/12/2017		5.03				4.85			6.11
10/17/2017									
12/12/2017						5.17			7.28
12/13/2017							6.84		
1/10/2018	5.59		4.93	4.78	5.05				
1/11/2018		5.13					6.15	5.02	6.32
1/12/2018						4.83			
7/11/2018	5.49		4.87	4.75	4.53				
7/12/2018		5.09				4.8	6.63	5.04	6.7
1/29/2019	5.39		4.98	4.91	4.66				
1/30/2019		5.01				4.88	6.09	5.21	6.2

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-5 (bg)	GWC-12	GWA-3 (bg)	GWA-2 (bg)	GWA-4A (bg)	GWC-9	GWC-11	GWC-1	GWC-10
3/26/2019	5.45				4.72				
3/27/2019		4.93	4.8	4.69		4.75	6.32	5.15	6.54
9/10/2019	5.71				4.72				
9/11/2019		5.04	5.03	4.77		4.8	6.37	4.8	6.63
3/31/2020	5.45				5.06				
4/1/2020		5.05	4.92	4.77		4.93		5	6.52
4/2/2020							6.38		
6/30/2020						4.52			
9/15/2020	5.27		4.72	4.52			6.62	4.76	6.66
9/16/2020		4.91			4.87	4.74			
3/16/2021		4.97	4.91	4.76				4.89	6.48
3/17/2021	4.8				4.9	4.69	6.58		
8/17/2021			4.82	4.62					
8/18/2021		5.01					6.54	4.89	6.32
8/19/2021	5.23				4.86	4.89			
2/22/2022	5.34		4.9	4.69					
2/23/2022		5.1			4.8	5.07	6.28	4.92	6.46
8/2/2022	5.23		4.75	4.57			6.4		
8/3/2022		4.98			4.79	5.29		4.83	6.34
8/4/2022									
2/6/2023									
2/7/2023	5.17	5.07	4.91	4.73	4.84			5.07	
2/8/2023						5.31	6.24		6.31
8/1/2023	4.89			4.37	4.53				
8/2/2023		4.79	4.71			5.16	6.32	4.73	6.28
8/3/2023									
2/6/2024	5.33		5.02	4.68	4.83				
2/7/2024						5.43	6.04	4.96	6.46
2/8/2024		5.13							
8/13/2024	5.07		5		5.05				
8/14/2024		4.91				5.15	6.34	4.79	6.31
8/15/2024				4.62					
2/3/2025					4.97				
2/4/2025	5.15		5.07	4.81					6.68
2/5/2025		5.71				5.38	6.39	5.14	
8/4/2025									
8/5/2025	4.94			4.47	4.91				
8/6/2025		4.74	4.25			4.98	5.6	4.33	6.62
2/2/2026	5.17		5.05		5				
2/3/2026		4.91		4.7			6.16	4.84	
2/4/2026						5.29			6.35

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-20	GWC-17 (bg)	GWC-18 (bg)	GWA-16 (bg)	GWA-14 (bg)	GWA-13 (bg)	GWA-15 (bg)	GWC-19
6/19/2015									
6/20/2015									
12/14/2015	5.84	5.24	5.19	7.1	5.26				
12/15/2015						5.24	5.13	5.2	5.98
4/19/2016				6.87					5.98
4/20/2016			5.26		5.16	5.41	5.16		
4/21/2016	5.43	4.88						5.18	
6/14/2016						5.74	5.35		
6/15/2016			5.12		5.04			5.47	
6/16/2016	5.23	4.85		6.84					5.85
8/9/2016			5.09		5.07	5.41	4.89	5.01	
8/10/2016	5.11	4.84							5.79
8/11/2016				6.42					
9/26/2016									
9/27/2016	5.06	5.32	5.32		5.11	5.42	5.02	5.22	
9/28/2016				6.57					5.9
11/14/2016									
11/15/2016	5.01	4.97	5.25		5.11	5.33	5.04	5.07	5.66
11/16/2016				6.51					
1/10/2017									
1/11/2017			5.23	6.43	5.07	5.32		5	
1/12/2017	4.99						5.19		
1/13/2017		4.97							
1/16/2017									5.65
1/17/2017									
2/28/2017						5.32	4.86	5.1	
3/1/2017	5		5.25	6.48	5.14				5.62
3/2/2017									
4/19/2017									
4/20/2017			5.36		5.05	5.31	5.01	5.12	
4/24/2017	5.8								
4/25/2017		4.91		6.58					5.59
7/13/2017									
7/17/2017									
7/18/2017							4.88		
7/19/2017			5.12		4.95	5.19		4.84	
7/20/2017									
7/24/2017									
7/25/2017	4.92	4.89		6.37					5.55
10/10/2017									
10/11/2017			5.23		5.17	5.27	4.93	4.95	
10/12/2017	4.89			6.53					5.68
10/17/2017		4.97							
12/12/2017									5.54
12/13/2017				6.37					
1/10/2018							4.9		
1/11/2018	4.98		5.28		4.97	5.15		5.01	
1/12/2018		4.97		6.47					
7/11/2018	4.96	4.89	5.23	6.18	5.07	5.25	4.99	5.01	5.6
7/12/2018									
1/29/2019		4.94	5.35		4.83	5.25	4.82	5.18	5.58
1/30/2019	4.65	4.94		5.93					

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-21	GWC-20	GWC-17 (bg)	GWC-18 (bg)	GWA-16 (bg)	GWA-14 (bg)	GWA-13 (bg)	GWA-15 (bg)	GWC-19
3/26/2019					4.95	5.29	5.07	5.04	
3/27/2019	4.96	4.94	5.25	6.11					5.59
9/10/2019					5.12	5.18	5		
9/11/2019	4.99	4.96	5.16	6.3				5.28	5.58
3/31/2020							5.1		
4/1/2020	5.04	5.03	5.3	6.15	4.95	5.26		5.35	5.67
4/2/2020									
6/30/2020									
9/15/2020	4.86	4.96	5.29	6.13	5.02	5.83	5.07	4.92	
9/16/2020									5.43
3/16/2021		4.78	4.83		4.68	4.76	4.47		5.45
3/17/2021	4.8			5.99				5.41	
8/17/2021					4.95	5.12			
8/18/2021							4.93		
8/19/2021	4.81	4.91	5.29	6.17				4.92	5.69
2/22/2022		5.02	5.29		4.98	5.2	4.91	5.15	
2/23/2022	4.87			6.2					5.63
8/2/2022			5.18	6.41	4.93	5.05	4.86	4.9	
8/3/2022		4.98							5.62
8/4/2022	4.83								
2/6/2023							4.75		
2/7/2023				6.47	4.88	5.03		5.19	
2/8/2023	4.85	4.84	5.31						5.59
8/1/2023					4.47		4.53	4.58	
8/2/2023		4.72	4.99	6.28		4.82			5.42
8/3/2023	4.61								
2/6/2024			5.19		5	5.23	4.84	5.35	
2/7/2024	4.77	4.99		6.31					5.6
2/8/2024									
8/13/2024			5.02		4.9	4.97	4.55	4.73	
8/14/2024	4.64	4.75		6.75					5.65
8/15/2024									
2/3/2025									
2/4/2025			5.26		4.99	5.26	4.87	5.5	5.72
2/5/2025	4.86	5.02		6.74					
8/4/2025						4.66			
8/5/2025	4.68	4.88	4.71		4.5		4.73	4.28	4.7
8/6/2025				5.64					
2/2/2026						4.91	4.73		
2/3/2026		4.72	5.03	6.38	4.82			4.79	5.43
2/4/2026	4.68								

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
6/19/2015	
6/20/2015	
12/14/2015	
12/15/2015	
4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	6.74
8/9/2016	
8/10/2016	6.34
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	6.29
11/14/2016	
11/15/2016	
11/16/2016	6.18
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	5.68
2/28/2017	
3/1/2017	
3/2/2017	5.75
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	5.65
7/13/2017	5.65
7/17/2017	
7/18/2017	
7/19/2017	
7/20/2017	
7/24/2017	
7/25/2017	5.24
10/10/2017	
10/11/2017	
10/12/2017	5.37
10/17/2017	
12/12/2017	
12/13/2017	
1/10/2018	
1/11/2018	
1/12/2018	5.35
7/11/2018	
7/12/2018	5.21
1/29/2019	
1/30/2019	5.14

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
3/26/2019	
3/27/2019	5.3
9/10/2019	
9/11/2019	5.24
3/31/2020	
4/1/2020	5.23
4/2/2020	
6/30/2020	
9/15/2020	5.18
9/16/2020	
3/16/2021	
3/17/2021	4.97
8/17/2021	
8/18/2021	
8/19/2021	5.16
2/22/2022	
2/23/2022	5.11
8/2/2022	
8/3/2022	
8/4/2022	5.12
2/6/2023	
2/7/2023	
2/8/2023	5.08
8/1/2023	
8/2/2023	
8/3/2023	5.13
2/6/2024	
2/7/2024	5.22
2/8/2024	
8/13/2024	
8/14/2024	4.87
8/15/2024	
2/3/2025	
2/4/2025	
2/5/2025	5.24
8/4/2025	
8/5/2025	
8/6/2025	4.92
2/2/2026	
2/3/2026	
2/4/2026	4.94

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-19	GWC-9	GWA-3 (bg)	GWC-18 (bg)	GWA-5 (bg)	GWA-13 (bg)	GWA-14 (bg)	GWA-4A (bg)
4/19/2016	<10	34	49	<10	106				
4/20/2016						<10	<10	<10	<10
4/21/2016									
6/14/2016	55			46		62	47	65	67
6/15/2016			84						
6/16/2016		34			150				
8/9/2016	6			18		6	10	24	
8/10/2016		32	44						
8/11/2016					78				<10
9/26/2016	24								
9/27/2016			30	30		10	16	14	28
9/28/2016		13			43				
11/14/2016				26					48
11/15/2016	38	64	32			32	4 (J)	18	
11/16/2016					140				
1/10/2017	18			18					22
1/11/2017					64	12		6	
1/12/2017							26		
1/13/2017			54						
1/16/2017		12							
1/17/2017									
2/28/2017	12			22		<10	6	14	32
3/1/2017		72	34		88				
3/2/2017									
4/19/2017	14			14					
4/20/2017						34	<10	<10	20
4/24/2017			<10						
4/25/2017		62			92				
7/13/2017									
10/10/2017	10								24
10/11/2017				30		40	32	22	
10/12/2017		38	20		54				
12/12/2017									
12/13/2017									
1/10/2018	6			28		48	10		42
1/11/2018								36	
1/12/2018		81	48		110				
7/11/2018	16	38		12	16	22	28	20	<10
7/12/2018			42						
1/29/2019	36	62		27		34	24	22	26
1/30/2019			42		100				
3/26/2019						21	<10	17	39
3/27/2019	36	61	34	35	79				
9/10/2019						13	21	16	36
9/11/2019	28	49	43	15	45				
3/31/2020						28	17		27
4/1/2020	32	52	36	20	73			<10	
4/2/2020									
9/15/2020	22			<10	64	23	17	17	
9/16/2020		60	<10						21
3/16/2021	24	65		25			23	17	
3/17/2021			40		59	31			36

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWA-2 (bg)	GWC-19	GWC-9	GWA-3 (bg)	GWC-18 (bg)	GWA-5 (bg)	GWA-13 (bg)	GWA-14 (bg)	GWA-4A (bg)
8/17/2021	48			21				19	
8/18/2021							21		
8/19/2021		57	37		71	20			26
2/22/2022	27			16		21	17	16	
2/23/2022		41	30		54				21
8/2/2022	12			11	39	11	<10	13	
8/3/2022		50	42						20
8/4/2022									
2/6/2023							19		
2/7/2023	32			25	90	24		23	21
2/8/2023		54	44						
8/1/2023	26					19	35		25
8/2/2023		51	45	31	89			26	
8/3/2023									
2/6/2024	34			22		25	23	20	20
2/7/2024		48	50		88				
2/8/2024									
8/13/2024				36		25	28	28	29
8/14/2024		47	42		89				
8/15/2024	32								
2/3/2025									20
2/4/2025	31	48		22		20	28	18	
2/5/2025			40		76				
8/4/2025								33	
8/5/2025	51	63				33	31		33
8/6/2025			53	35	76				
2/2/2026				28		27	36	21	21
2/3/2026	62	56			58				
2/4/2026			17						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-17 (bg)	GWC-11	GWA-16 (bg)	GWC-1	GWC-20	GWA-15 (bg)	GWC-21	GWC-10
4/19/2016									
4/20/2016	41	29	32	<10	<10				
4/21/2016						28	<10	<10	49
6/14/2016									
6/15/2016	27	85	81	67	52		58		
6/16/2016						42		30	109
8/9/2016		<10		4 (J)			6		
8/10/2016	6		64		10	6		<10	58
8/11/2016									
9/26/2016									
9/27/2016	16	6	60	18	30	20	16	14	100
9/28/2016									
11/14/2016									
11/15/2016	22	24	72	26	32	82	18	58	94
11/16/2016									
1/10/2017									
1/11/2017		20		<10			8		
1/12/2017	44		84		52			38	110
1/13/2017						36			
1/16/2017									
1/17/2017									
2/28/2017							4 (J)		
3/1/2017	8	38	64	6	44	40		32	110
3/2/2017									
4/19/2017									
4/20/2017	<10	6		<10	20		10		
4/24/2017			46					16	32
4/25/2017						14			
7/13/2017									
10/10/2017									
10/11/2017		48	88	24	54		26		
10/12/2017	12					22		12	74
12/12/2017									150
12/13/2017			68						
1/10/2018									
1/11/2018	34	18	10	6	100		56	20	150
1/12/2018						56			
7/11/2018		22		24		32	<10	52	
7/12/2018	26		94		24				140
1/29/2019		37		26		27	23		
1/30/2019	22		89		55			43	160
3/26/2019				27			17		
3/27/2019	24	38	79		26	57		33	130
9/10/2019				13					
9/11/2019	28	31	39		49	45	15	23	130
3/31/2020									
4/1/2020	20	27		15	39	26	21	21	130
4/2/2020			63						
9/15/2020		26	82	14	25	34	13	24	140
9/16/2020	17								
3/16/2021	19	25		20	29	37			130
3/17/2021			81				29	24	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-12	GWC-17 (bg)	GWC-11	GWA-16 (bg)	GWC-1	GWC-20	GWA-15 (bg)	GWC-21	GWC-10
8/17/2021				19					
8/18/2021	20		97		33				140
8/19/2021		32				40	21	32	
2/22/2022		27		17		33	22		
2/23/2022	16		70		31			26	130
8/2/2022		15	35	<10			11		
8/3/2022	25				33	35			130
8/4/2022								26	
2/6/2023									
2/7/2023	27			24	34		23		
2/8/2023		35	71			31		32	130
8/1/2023				35			47		
8/2/2023	28	38	79		35	36			130
8/3/2023								30	
2/6/2024		34		27			28		
2/7/2024			73		33	33		28	130
2/8/2024	23								
8/13/2024		39		27			26		
8/14/2024	22		77		33	34		26	120
8/15/2024									
2/3/2025									
2/4/2025		36		29			25		130
2/5/2025	28		86		39	35		34	
8/4/2025									
8/5/2025		48		39		63	30	44	
8/6/2025	35		84		44				150
2/2/2026									
2/3/2026	22	35	92	34	50	51	27		
2/4/2026								<10	95

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	78
8/9/2016	
8/10/2016	88
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	35
11/14/2016	
11/15/2016	
11/16/2016	98
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	36
2/28/2017	
3/1/2017	
3/2/2017	38
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	28
7/13/2017	20
10/10/2017	
10/11/2017	
10/12/2017	24
12/12/2017	
12/13/2017	
1/10/2018	
1/11/2018	
1/12/2018	43
7/11/2018	
7/12/2018	40
1/29/2019	
1/30/2019	38
3/26/2019	
3/27/2019	42
9/10/2019	
9/11/2019	24
3/31/2020	
4/1/2020	25
4/2/2020	
9/15/2020	27
9/16/2020	
3/16/2021	
3/17/2021	24

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/16/2026 8:25 AM View: Appendix III - Interwell

Plant McIntosh Client: Southern Company Data: McIntosh LF 4

	GWC-23
8/17/2021	
8/18/2021	
8/19/2021	32
2/22/2022	
2/23/2022	23
8/2/2022	
8/3/2022	
8/4/2022	33
2/6/2023	
2/7/2023	
2/8/2023	31
8/1/2023	
8/2/2023	
8/3/2023	36
2/6/2024	
2/7/2024	33
2/8/2024	
8/13/2024	
8/14/2024	33
8/15/2024	
2/3/2025	
2/4/2025	
2/5/2025	28
8/4/2025	
8/5/2025	
8/6/2025	33
2/2/2026	
2/3/2026	
2/4/2026	<10



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