Georgia Power

Georgia Power Company
Plant McIntosh Inactive Landfill No. 3

Permit No. 051-008D(CCR)
Effingham County

2025 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

Atlantic Coast Consulting, Inc.

PROFESSIONAL CERTIFICATION

This *2025 Semiannual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant McIntosh Inactive Landfill No. 3* has been prepared in compliance with the Georgia Environmental Protection Division (EPD) 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 of Solid Waste Management 391-3-4-.01.

ATLANTIC COAST CONSULTING, INC.

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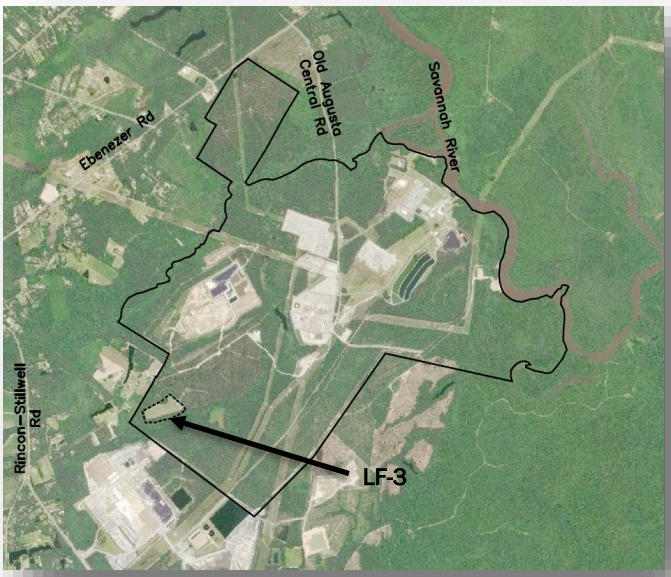
SUMMARY

This summary of the *2025 Semiannual Groundwater Monitoring and Corrective Action Report* provides the groundwater monitoring and corrective action program status from July 2025 through December 2025 for Georgia Power Company (Georgia Power) Plant McIntosh Inactive Landfill No. 3 (Site). This summary was prepared by ACC on behalf of Georgia Power.

Plant McIntosh is located at 981 Old Augusta Central Road, in Effingham County, Georgia, approximately four 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 west of the Savannah River. The Site is located on the southwestern portion of the plant property.



Plant McIntosh and Inactive Landfill No. 3

The Site is monitored using a comprehensive monitoring system of wells installed to meet monitoring requirements of the Coal Combustion Residuals (CCR) Permit 051-008D(CCR). The CCR Permit for the unit was approved by Georgia EPD on March 16, 2023. Routine sampling and reporting began after background groundwater conditions were established in accordance with the former Solid Waste Permit requirements specified in the Design and Operation (D&O) Plan. The monitoring program has been modified to include Appendix III parameters to meet the requirements of the Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a). Background groundwater conditions for Appendix III and IV parameters were established between September 2016 and October 2018. During the semiannual reporting period, the Site remained in detection monitoring.

During the semiannual reporting period, ACC conducted a groundwater sampling event in July 2025. Groundwater samples were submitted to Eurofins Environment Testing America (Eurofins) for analysis. Per the CCR Rule, groundwater results for July 2025 data were evaluated in accordance with the certified statistical methods. That evaluation showed there are no statistically significant increases (SSIs) of Appendix III parameters [boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids].

Based on review of the Appendix III statistical results completed for the groundwater monitoring and corrective action program from July 2025 through December 2025, the Site will continue in detection monitoring. Georgia Power will continue routine groundwater monitoring and reporting of the Site. Reports will be posted to the website and provided to Georgia 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 and 391-3-4-.14, Atlantic Coast Consulting, Inc. (ACC) has prepared this *2025 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted for the reporting period of July 2025 through December 2025 at Plant McIntosh Inactive Landfill No. 3 (Site). Semiannual monitoring and reporting for the CCR Unit are performed in accordance with the monitoring requirements of Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a).

Groundwater monitoring is currently performed in accordance with the CCR Permit (051-008D(CCR)) requirements specified in the Groundwater Monitoring Plan - GWMP (GEI, 2022). An application for a new Georgia CCR permit was submitted to Georgia EPD in November 2018 for the facility to replace the existing Solid Waste Permit and was approved by Georgia EPD on March 16, 2023. The previous Solid Waste Permit 051-008D(LI) has been incorporated into the requirements of CCR Permit 051-008D(CCR).

This report provides the results of the sampling event conducted in July 2025 and includes: (1) CCR detection monitoring sampling events for Appendix III parameters; and (2) a state-modified list of Appendix I detection parameters as approved in the CCR Permit and noted in the GWMP.

This document serves as the *2025 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 four 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 southwestern portion of the plant property.

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 (see Clarke, *et.al*., 1990). Boring logs describe soils as interbedded clays, silts, and sands typical of Atlantic Coastal Plain sediments.

Monitoring wells and piezometers are screened in the surficial aquifer between approximately 45 and 10 feet North American Vertical Datum of 1988 (NAVD88). The predominant groundwater flow direction across Plant McIntosh is to the north.

1.3 Groundwater Monitoring Well Network and CCR Unit Description

A groundwater monitoring system was installed within the uppermost aquifer at Plant McIntosh Inactive Landfill No. 3. The monitoring system is designed to monitor groundwater passing the waste boundary of the CCR Unit within the uppermost aquifer. The monitoring well locations are depicted in Figure 2, Well Location Map. Wells were located to serve as upgradient and

downgradient monitoring points based on groundwater flow direction (Table 1, Monitoring Well Network Summary).

2.0 GROUNDWATER MONITORING ACTIVITIES

Pursuant to 40 CFR § 257.90(e), the following describes monitoring-related activities performed from July 2025 through December 2025 (the reporting period) and discusses any change in status of the monitoring program. All groundwater sampling was performed in accordance with 40 CFR § 257.93. Semiannual samples were collected in July 2025 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 the groundwater sampling event completed at the Site during the reporting period is shown in Table 2, Groundwater Event Summary.

2.1 Monitoring Well Installation and Maintenance

The Georgia EPD-approved locations of detection monitoring wells and piezometers are depicted on Figure 2. Other monitoring well-related activities were limited to the following: visual inspection of well conditions prior to sampling, recording the site conditions, and performing exterior maintenance to perform sampling under safe and clean conditions. Well inspection checklists completed during semiannual sampling are included in Appendix A, Laboratory Analytical and Field Sampling Reports. 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)). In July 2025, monitoring wells were inspected, and no corrective actions were deemed necessary.

2.2 Detection Monitoring Program

Detection monitoring is performed on a semiannual basis in accordance with the approved Georgia EPD CCR Permit. A semiannual sampling event was conducted in July 2025.

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

- Appendix III parameters according to 40 CFR § 257.94(a); and
- A state-modified Appendix I list of detection parameters according to Georgia EPD Rules for Solid Waste Management 391-3-4-.14. The state-modified analyte list includes barium, beryllium, chromium, cobalt, copper, lead, vanadium, and zinc.

A copy of the analytical data packages for the semiannual detection monitoring event is 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 piezometers and wells at the Site. Groundwater elevations recorded during the monitoring event are summarized in Table 3, Summary of Groundwater Elevations. Groundwater elevation data were used to develop Figure 3, Potentiometric Contour Map – July 2025. The groundwater flow consistently had a

northern flow direction. 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

Groundwater flow velocities were calculated for the Site based on hydraulic gradients, hydraulic conductivity calculated from previous slug test data, and an estimated effective porosity of 0.20 (US EPA, 1989). The groundwater flow velocities were calculated and are tabulated in Table 4, Horizontal Groundwater Flow Velocity Calculations – July 2025. The calculated average flow velocity was approximately 0.040 feet per day during the July 2025 event.

These calculated groundwater velocities across the Site are generally consistent with historical calculations and within expected velocities 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 a peristaltic pump. The pump intakes were located at the midpoint of the well screens (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 4 US EPA Laboratory Services and Applied Science Division (LSASD) Operating Procedure for Field Equipment Cleaning and Decontamination.

Monitoring wells were purged and sampled using low-flow sampling procedures. An AquaTroll (In-Situ field instruments) was used to monitor and record field water quality 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 turbidimeter. 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 for each well and field calibration logs for each monitoring event are included in Appendix A.

3.3 Laboratory Analyses

Groundwater samples were collected during the monitoring event completed in July 2025. Analytical methods used for groundwater monitoring parameters are provided in laboratory reports in Appendix A. Samples were analyzed for Appendix III parameters and Appendix I parameters required by the current permit. Analytical data collected in the monitoring event are summarized in Table 5, Groundwater Analytical Data Summary.

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 meets project objectives and the associated data validation reports are provided in Appendix A, along with the laboratory reports. A summary of the data validation is included in Appendix A.

Values followed by a "J" flag in Table 5 indicate that the value is an estimated analyte 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 reported within specified limits of precision and accuracy under routine laboratory operating conditions.

4.0 STATISTICAL ANALYSIS

Statistical analysis of the July 2025 groundwater monitoring data was completed by Groundwater Stats Consulting, LLC (GSC) following 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 GSC, using methodology presented in *Statistical Analysis of Groundwater Monitoring 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 III and Appendix I parameter required by the existing Georgia EPD permit.

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.

Statistically significant increasing trends identified in upgradient wells are not considered statistically significant increases (SSIs). Typically, when changes in concentrations are present upgradient of the facility, it is an indication of naturally changing groundwater quality.

The selected statistical method for Plant McIntosh Inactive Landfill No. 3 was developed in accordance with 40 CFR § 257.93(f) and Georgia EPD Rule 391-3-4-.10(6) using methodology presented in US EPA Unified Guidance (2009), US EPA 530/R-09-007 and as requested by Georgia EPD.

Statistical tests used to evaluate the July 2025 groundwater monitoring data consist of interwell prediction limits (PLs) combined with a 1-of-2 verification resample plan for each of the Appendix I and III parameters. Interwell PLs are constructed using pooled data from upgradient wells GWA-1B, GWA-2B, GWA-3A, GWA-4, GWA-5, and GWA-7A to establish a background limit for an individual parameter. The most recent sample from each downgradient well is compared to the background limit to determine whether there are SSIs. An "initial exceedance" occurs when an Appendix I or III parameter reported in a downgradient groundwater compliance monitoring well exceeds the parameter's associated PL. The 1-of-2 resample plan allows for collection of an independent resample. A confirmed exceedance is noted only when the resample verifies the initial exceedance. If the resample result is less than its relevant PL, the initial exceedance is not verified.

A summary of the statistical methodology used at the Site for the July 2025 routine groundwater monitoring data is provided in Table 6.

4.2 Statistical Analyses Results

Analytical data from the July 2025 monitoring event were statistically analyzed in accordance with the methods described in Section 4.1 and Table 6. The statistical analysis and comparisons to PLs are included in Appendix B.

4.2.1 Summary of Results for State Appendix I Parameters

Statistical analysis of the July 2025 Appendix I parameter data identified no PL exceedances.

4.2.2 Summary of Results for Appendix III Parameters

Statistical analysis of the July 2025 Appendix III parameter data identified no PL exceedances.

5.0 MONITORING PROGRAM STATUS

No SSIs were identified for the July 2025 through December 2025 semiannual reporting period; therefore, the Site will remain in detection monitoring.

6.0 CONCLUSIONS AND FUTURE ACTIONS

This *2025 Semiannual Groundwater Monitoring and Corrective Action Report* for Georgia Power's Plant McIntosh Inactive Landfill No. 3 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 evaluation of Site groundwater monitoring data during the reporting period did not identify SSIs of Appendix III or Appendix I groundwater monitoring parameters. The Site remains in detection monitoring.

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

7.0 REFERENCES

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US EPA, 1989. Waste Management Division Office of Solid Waste, EPA 530/SW89-031 Interim Final RCRA Investigation (RFI) Guidance, Volume II of IV.

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US EPA, 2017. *National Functional Guidelines for Inorganic Superfund Methods Data Review,* Office of Superfund Remediation and Technology Innovation. OLEM 9355.0-135 [US EPA-540-R-2017-001]. Washington, DC.

US EPA, 2025, Field Equipment Cleaning and Decontamination – Operating Procedure: LSASDPROC-205-R5, Athens, Georgia, 15 pages.

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

TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant McIntosh Inactive Landfill No. 3
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 from (feet below top of casing)	Groundwater Zone Screened	Installation Date
GWA-1B	Detection	Upgradient	852028.09	954564.84	64.39	67.36	19.40	9.40	58.53	CL/SC	12/04/2020
GWA-2B	Detection	Upgradient	851831.06	954866.86	63.38	66.20	24.72	14.72	51.78	SW-SC, SW-SM	08/29/2018
GWA-3A	Detection	Upgradient	851893.61	955179.89	59.53	62.77	40.03	30.03	33.88	CL/SC	05/16/1998
GWA-4	Detection	Upgradient	851980.91	955475.74	58.80	62.01	38.30	33.30	29.16	CL/SC	05/07/1998
GWA-5	Detection	Upgradient	852110.59	955844.69	57.35	60.43	37.85	27.85	33.00	SC	05/07/1998
GWA-7A	Detection	Upgradient	852254.28	954654.74	65.37	67.92	31.28	21.28	46.94	CL/SC	08/29/2018
GWC-1A	Detection	Downgradient	852453.58	955300.47	64.00	66.76	29.93	19.93	47.37	SC	12/08/2020
GWC-2	Detection	Downgradient	852343.90	955958.27	60.80	64.19	37.20	27.90	36.79	SM	01/23/1996
GWC-4A	Detection	Downgradient	852544.35	955702.05	64.37	66.60	41.87	31.87	36.96	CL/SC	05/16/1998
GWC-5A	Detection	Downgradient	852689.80	955477.18	65.64	67.84	35.39	25.39	42.60	SC	12/09/2020
GWC-6A	Detection	Downgradient	852462.38	955046.58	65.66	68.37	36.29	26.29	42.43	SC	12/07/2020
PZ-1	Piezometer	Downgradient	852400.01	954904.93	64.70	67.41	25.00	15.00	52.71	SW-SM, SC, SW, SM	08/29/2018
PZ-2	Piezometer	Downgradient	852549.77	955306.02	64.99	67.26	35.29	25.29	42.27	SW-SM, SC, SM	08/28/2018
PZ-3	Piezometer	Upgradient	852032.57	955677.60	58.69	61.28	29.99	19.99	41.59	SM, SC, SW-SM	08/30/2018
PZ-4	Piezometer	Downgradient	851879.27	954615.01	63.66	66.41	23.57	13.57	53.19	SC, SW	01/21/2022
PZ-5	Piezometer	Downgradient	852171.15	954557.82	64.91	67.52	24.74	14.74	53.13	SP, SP-SC	01/20/2022

Notes:
Elevations shown are in datum NAVD88, which indicates feet in elevation referenced to the North American Vertical Datum 1988.
Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
Northings and eastings are feet relative to North American Datum 1983, State Plane Georgia East Zone.
Groundwater Zone Screened designations are ASTM D2487-17e1 Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System), where applicable.
Ground surface elevation measured at marker or known point on surface concrete pad.

Table 2
Groundwater Event Summary
Georgia Power Company
Plant McIntosh Inactive Landfill No. 3
Effingham County, GA

Well ID	Hydraulic Location	Well Designation	July 29-30, 2025
			Semiannual Detection Event
GWA-1B	Upgradient	Detection	X
GWA-2B	Upgradient	Detection	X
GWA-3A	Upgradient	Detection	X
GWA-4	Upgradient	Detection	X
GWA-7A	Upgradient	Detection	X
GWC-1A	Downgradient	Detection	X
GWC-2	Downgradient	Detection	X
GWC-5A	Downgradient	Detection	X
GWC-6A	Downgradient	Detection	X
GWA-5	Upgradient	Detection	X
GWC-4A	Downgradient	Detection	X

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

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

		July 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
GWA-1B	67.36	17.07	50.29
GWA-2B	66.20	13.88	52.32
GWA-3A	62.77	9.18	53.59
GWA-4	62.01	8.68	53.33
GWA-5	60.43	7.54	52.89
GWA-7A	67.92	17.22	50.70
GWC-1A	66.76	14.16	52.60
GWC-2	64.19	11.62	52.57
GWC-4A	66.60	13.81	52.79
GWC-5A	67.84	15.47	52.37
GWC-6A	68.37	16.62	51.75
PZ-1	67.41	16.23	51.18
PZ-2	67.26	15.00	52.26
PZ-3	61.28	8.23	53.05
PZ-4	66.41	14.66	51.75
PZ-5	67.52	17.08	50.44

Notes:
Elevations referenced to the North American Vertical Datum 1988.
Groundwater elevations measured July 28, 2025.

Table 4
Horizontal Groundwater Flow Velocity Calculations - July 2025
Georgia Power Company
Plant McIntosh Inactive Landfill No. 3
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-3A to GWC-6A	53.59	51.75	1.84	584.2	0.0031	4.0	0.20	0.062	23
GWA-4 to GWC-4A	53.33	52.79	0.54	608.4	0.00089	4.0	0.20	0.018	6.5
Average					**0.0020**	**4.0**	**0.20**	**0.040**	**15**

Notes:
In-situ hydraulic conductivity (slug) tests in the bedrock at the Site ranged from 1.77 to 9.92 feet per day with an average of 4.00 feet per day (Groundwater Monitoring Plan, GEI, 2022).
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
Georgia Power Company
Plant McIntosh Inactive Landfill No. 3
Effingham County, GA

	Sample Location	GWA-1B	GWA-2B	GWA-3A	GWA-4	GWA-5	GWA-7A	GWC-1A	GWC-2	GWC-4A
	Sample Date	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/30/2025	07/30/2025	07/30/2025
ANALYTE	UNITS									
Appendix III										
Boron	mg/L	0.047 J	0.95	0.071 J	0.032 J	0.055 J	1.3	1.2	0.11	< 0.026
Calcium	mg/L	2.6	15	5.0	0.74	2.8	13	2.4	3.4	0.48
Chloride	mg/L	8.8	7.1	37	6.5	10	7.7	16	4.7	16
Fluoride	mg/L	0.11 J	< 0.081	< 0.081	0.14 J	0.21	0.085 J	0.12 J	< 0.081	< 0.081
pH, Field	SU	5.32	4.89	4.73	4.58	4.67	4.99	4.41	5.00	4.84
Sulfate	mg/L	0.84 J	80	< 0.77	4.2	14	68	< 0.77	5.5	1.4
Total Dissolved Solids	mg/L	58	160	110	34	65	170	69	56	50
Required by Permit										
Barium	mg/L	0.017	0.053	0.16	0.045	0.11	0.047	0.28	0.078	0.043
Beryllium	mg/L	< 0.00015	0.0018	0.00088 J	0.00017 J	0.00028 J	0.00051 J	0.00038 J	0.00023 J	< 0.00015
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	< 0.00041	0.0043 J	0.0032 J	0.00053 J	0.0011 J	0.0019 J	0.0045 J	0.0014 J	0.00041 J
Copper	mg/L	< 0.00064	0.00094 J	0.0019 J	< 0.00064	0.0011 J	0.0013 J	0.00084 J	< 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
Vanadium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Zinc	mg/L	< 0.0089	0.013	0.012	< 0.0089	0.013	< 0.0089	0.022	0.0091 J	< 0.0089

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
Georgia Power Company
Plant McIntosh Inactive Landfill No. 3
Effingham County, GA

	Sample Location	GWC-5A	GWC-6A
	Sample Date	07/29/2025	07/29/2025
ANALYTE	UNITS		
Appendix III			
Boron	mg/L	< 0.026	0.040 J
Calcium	mg/L	1.4	2.8
Chloride	mg/L	11	11
Fluoride	mg/L	0.14 J	0.12 J
pH, Field	SU	4.85	5.13
Sulfate	mg/L	< 0.77	1.8
Total Dissolved Solids	mg/L	40	78
Required by Permit			
Barium	mg/L	0.13	0.092
Beryllium	mg/L	0.00037 J	0.00030 J
Chromium	mg/L	< 0.0037	< 0.0037
Cobalt	mg/L	0.0033 J	0.00094 J
Copper	mg/L	< 0.00064	< 0.00064
Lead	mg/L	< 0.00086	< 0.00086
Vanadium	mg/L	< 0.0012	< 0.0012
Zinc	mg/L	0.015	< 0.0089

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 Inactive Landfill No. 3
Effingham County, GA

Plant McIntosh Inactive Landfill No. 3 Statistical Method Summary		
Monitoring Well Network	Upgradient Wells	GWA-1B, GWA-2B, GWA-3A, GWA-4, GWA-5, and GWA-7A
	Downgradient Wells	GWC-1A, GWC-2, GWC-4A, GWC-5A, and GWC-6A
CCR Monitoring Parameters	Appendix III (Detection Monitoring)	Boron, Calcium, Chloride, Fluoride, pH, Sulfate, and Total Dissolved Solids
	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	Barium, Beryllium, Chromium, Cobalt, Copper, Lead, Vanadium, and Zinc
Statistical Methodology	Data Screening Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	Interwell statistical limits

Notes:
The selected statistical method for Plant McIntosh Inactive Landfill No. 3 was developed and updated to analyze the groundwater data in accordance with Georgia EPD Rule 391-3-4-.10(6) using methodology presented in Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance, March 2009, EPA530/R-09-007 and as requested by Georgia EPD.

FIGURES

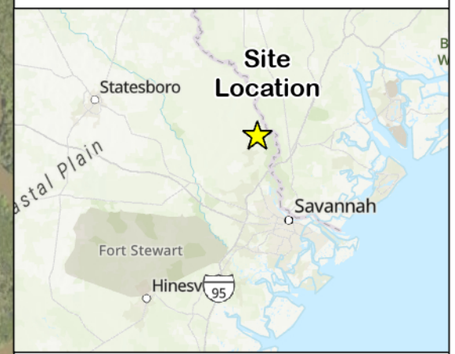
Georgia Power

GEORGIA POWER COMPANY
PLANT McINTOSH LANDFILL No. 3

LEGEND

APPROXIMATE PROPERTY BOUNDARY

INACTIVE LANDFILL No. 3



NOTES:

1. AERIAL DATED JANUARY 22, 2024, PROVIDED BY SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED FROM 2019 THROUGH 2021.

N

1,500 750 0 1,500

SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

2025 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

SITE LOCATION MAP

FIGURE 1

Georgia Power

GEORGIA POWER COMPANY
PLANT McINTOSH LANDFILL No. 3

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- EXISTING 100-FOOT BUFFER ZONE
- WASTE MANAGEMENT BOUNDARY
- DETECTION MONITORING WELL
- PIEZOMETER

NOTES:

1. AERIAL DATED JANUARY 22, 2024, PROVIDED BY SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED DECEMBER 2, 2021.

N

150 75 0 150

SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

2025 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

WELL LOCATION MAP

FIGURE 2

Georgia Power

GEORGIA POWER COMPANY
PLANT McINTOSH LANDFILL No. 3

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- EXISTING 100-FOOT BUFFER ZONE
- WASTE MANAGEMENT BOUNDARY
- GROUNDWATER ELEVATION CONTOUR (FT NAVD88)
- GROUNDWATER FLOW DIRECTION
- DETECTION MONITORING WELL
- PIEZOMETER

NOTES

1. AERIAL DATED JANUARY 22, 2024, PROVIDED BY SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED DECEMBER 2, 2021.
2. DEPTHS TO WATER MEASURED JULY 28, 2025.
3. FT NAVD88 = FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988.

CHARLES BRISENDINE ADAMS
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST
No. 1632

Atlantic Coast Consulting, Inc.

2025 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

POTENTIOMETRIC CONTOUR MAP
JULY 2025

FIGURE 3

APPENDICES

APPENDIX A

LABORATORY ANALYTICAL AND FIELD SAMPLING REPORTS

APPENDIX A

Laboratory Analytical and Field Sampling Reports
July 2025 Monitoring Event

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/15/2025 3:56:40 PM

JOB DESCRIPTION

Plant McIntosh Landfill 3

JOB NUMBER

680-266013-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 3

Job ID: 680-266013-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Sample Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 3

Job ID: 680-266013-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
680-266013-1	MCI-LF3-GWA-5	Water	07/29/25 09:50	07/30/25 13:55	Georgia
680-266013-2	MCI-GWA-2B	Water	07/29/25 10:50	07/30/25 13:55	Georgia
680-266013-3	MCI-GWA-4	Water	07/29/25 11:49	07/30/25 13:55	Georgia
680-266013-4	MCI-GWA-1B	Water	07/29/25 12:35	07/30/25 13:55	Georgia
680-266013-5	MCI-GWA-3A	Water	07/29/25 13:36	07/30/25 13:55	Georgia
680-266013-6	MCI-GWA-7A	Water	07/29/25 14:15	07/30/25 13:55	Georgia
680-266013-7	MCI-GWC-5A	Water	07/29/25 15:47	07/30/25 13:55	Georgia
680-266013-8	MCI-GWC-6A	Water	07/29/25 16:00	07/30/25 13:55	Georgia
680-266013-9	MCI-LF3-FD-05	Water	07/29/25 00:00	07/30/25 13:55	Georgia
680-266013-10	MCI-LF3-FB-09	Water	07/29/25 15:40	07/30/25 13:55	Georgia
680-266013-11	MCI-LF3-EB-11	Water	07/29/25 16:20	07/30/25 13:55	Georgia
680-266013-12	MCI-GWC-2	Water	07/30/25 09:45	07/30/25 13:55	Georgia
680-266013-13	MCI-LF3-GWC-4A	Water	07/30/25 10:11	07/30/25 13:55	Georgia
680-266013-14	MCI-GWC-1A	Water	07/30/25 11:35	07/30/25 13:55	Georgia
680-266013-15	MCI-LF3-FD-06	Water	07/30/25 00:00	07/30/25 13:55	Georgia
680-266013-16	MCI-LF3-FB-10	Water	07/30/25 09:05	07/30/25 13:55	Georgia
680-266013-17	MCI-LF3-EB-12	Water	07/30/25 11:10	07/30/25 13:55	Georgia

Job Narrative
680-266013-1

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

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

Receipt
The samples were received on 7/30/2025 1:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.9°C and 2.2°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-71583 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.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-71838 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 6010D: The method blank for preparation batch 705-73153 and analytical batch 705-73495 contained Boron 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 705-72951 and analytical batch 705-73423 contained Barium 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: CCV was outside method limits for Zinc . QC Samples were within control limits. (CCV 705-74189/14)

Method 6020B - Total Recoverable: The method blank for preparation batch 705-73388 and analytical batch 705-74189 contained Copper above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Client: Southern Company
Project/Site: Plant McIntosh Landfill 3

Job ID: 680-266013-1

Client Sample ID: MCI-LF3-GWA-5

Lab Sample ID: 680-266013-1

Date Collected: 07/29/25 09:50

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.98	mg/L			07/31/25 16:53	1
Fluoride	0.21		0.20	0.081	mg/L			07/31/25 16:53	1
Sulfate	14		1.0	0.77	mg/L			07/31/25 16:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.055	J B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 10:31	1
Calcium	2.8		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 10:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.11	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:04	1
Beryllium	0.00028	J	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:04	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:04	1
Cobalt	0.0011	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:04	1
Copper	0.0011	J	0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:04	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:04	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:04	1
Zinc	0.013		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	65		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-GWA-2B

Lab Sample ID: 680-266013-2

Date Collected: 07/29/25 10:50

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.1		1.0	0.98	mg/L			07/31/25 20:41	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 20:41	1
Sulfate	80	F1	2.0	1.5	mg/L			08/01/25 11:14	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.95	B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 10:51	1
Calcium	15		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 10:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.053	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:07	1
Beryllium	0.0018		0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:07	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:07	1
Cobalt	0.0043	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:07	1
Copper	0.00094	J	0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:07	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:07	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:07	1
Zinc	0.013		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:07	1

Client Sample ID: MCI-GWA-2B

Lab Sample ID: 680-266013-2

Date Collected: 07/29/25 10:50

Matrix: Water

Date Received: 07/30/25 13:55

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	160		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-GWA-4

Lab Sample ID: 680-266013-3

Date Collected: 07/29/25 11:49

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.5		1.0	0.98	mg/L			08/01/25 00:18	1
Fluoride	0.14	J	0.20	0.081	mg/L			08/01/25 00:18	1
Sulfate	4.2		1.0	0.77	mg/L			08/01/25 00:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.032	J B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 10:53	1
Calcium	0.74		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 10:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.045	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:11	1
Beryllium	0.00017	J	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:11	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:11	1
Cobalt	0.00053	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:11	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:11	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:11	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:11	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			08/04/25 16:00	1

Client Sample ID: MCI-GWA-1B

Lab Sample ID: 680-266013-4

Date Collected: 07/29/25 12:35

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.8		1.0	0.98	mg/L			08/01/25 00:30	1
Fluoride	0.11	J	0.20	0.081	mg/L			08/01/25 00:30	1
Sulfate	0.84	J	1.0	0.77	mg/L			08/01/25 00:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.047	J B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 10:56	1
Calcium	2.6		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 10:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.017	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:14	1

Client Sample ID: MCI-GWA-1B

Lab Sample ID: 680-266013-4

Date Collected: 07/29/25 12:35
Matrix: Water
Date Received: 07/30/25 13:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:14	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:14	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:14	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:14	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:14	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:14	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:14	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			08/04/25 16:00	1

Client Sample ID: MCI-GWA-3A

Lab Sample ID: 680-266013-5

Date Collected: 07/29/25 13:36
Matrix: Water
Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37		1.0	0.98	mg/L			08/01/25 01:16	1
Fluoride	<0.081		0.20	0.081	mg/L			08/01/25 01:16	1
Sulfate	<0.77		1.0	0.77	mg/L			08/01/25 01:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.071	J B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 10:59	1
Calcium	5.0		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 10:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.16	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:18	1
Beryllium	0.00088	J	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:18	1
Cobalt	0.0032	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:18	1
Copper	0.0019	J	0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:18	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:18	1
Zinc	0.012		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	110		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-GWA-7A

Lab Sample ID: 680-266013-6

Date Collected: 07/29/25 14:15
Matrix: Water
Date Received: 07/30/25 13:55

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			08/01/25 01:27	1
Fluoride	0.085	J	0.20	0.081	mg/L			08/01/25 01:27	1

Client Sample ID: MCI-GWA-7A

Lab Sample ID: 680-266013-6

Date Collected: 07/29/25 14:15

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	68		5.0	3.8	mg/L			08/01/25 12:57	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.3	B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:02	1
Calcium	13		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.047	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:21	1
Beryllium	0.00051	J	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:21	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:21	1
Cobalt	0.0019	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:21	1
Copper	0.0013	J	0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:21	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:21	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:21	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	170		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-GWC-5A

Lab Sample ID: 680-266013-7

Date Collected: 07/29/25 15:47

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.98	mg/L			08/01/25 01:39	1
Fluoride	0.14	J	0.20	0.081	mg/L			08/01/25 01:39	1
Sulfate	<0.77		1.0	0.77	mg/L			08/01/25 01:39	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		08/07/25 12:13	08/08/25 11:05	1
Calcium	1.4		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.13	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:24	1
Beryllium	0.00037	J	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:24	1
Cobalt	0.0033	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:24	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:24	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:24	1
Zinc	0.015		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:24	1

Client Sample ID: MCI-GWC-5A

Lab Sample ID: 680-266013-7

Date Collected: 07/29/25 15:47
Matrix: Water
Date Received: 07/30/25 13:55

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	40		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-GWC-6A

Lab Sample ID: 680-266013-8

Date Collected: 07/29/25 16:00
Matrix: Water
Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.98	mg/L			08/01/25 01:50	1
Fluoride	0.12	J	0.20	0.081	mg/L			08/01/25 01:50	1
Sulfate	1.8		1.0	0.77	mg/L			08/01/25 01:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.040	J B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:13	1
Calcium	2.8		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.092	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:28	1
Beryllium	0.00030	J	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:28	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:28	1
Cobalt	0.00094	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:28	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:28	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:28	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	78		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-LF3-FD-05

Lab Sample ID: 680-266013-9

Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.98	mg/L			08/01/25 14:05	1
Fluoride	0.090	J F1	0.20	0.081	mg/L			08/01/25 14:05	1
Sulfate	2.4		1.0	0.77	mg/L			08/01/25 14:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.041	J B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:16	1
Calcium	2.8		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.087	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:31	1

Client Sample ID: MCI-LF3-FD-05

Lab Sample ID: 680-266013-9

Date Collected: 07/29/25 00:00

Matrix: Water

Date Received: 07/30/25 13:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.00028**	**J**	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:31	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:31	1
Cobalt	**0.00089**	**J**	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:31	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:31	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:31	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:31	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**81**		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-LF3-FB-09

Lab Sample ID: 680-266013-10

Date Collected: 07/29/25 15:40

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/01/25 18:40	1
Fluoride	<0.081		0.20	0.081	mg/L			08/01/25 18:40	1
Sulfate	<0.77		1.0	0.77	mg/L			08/01/25 18:40	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:19	1
Calcium	<0.038		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:34	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:34	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:34	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:34	1
Lead	**0.0017**		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:34	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:34	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:34	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			08/04/25 16:00	1

Client Sample ID: MCI-LF3-EB-11

Lab Sample ID: 680-266013-11

Date Collected: 07/29/25 16:20

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/01/25 18:51	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			08/01/25 18:51	1

Client Sample ID: MCI-LF3-EB-11

Lab Sample ID: 680-266013-11

Date Collected: 07/29/25 16:20

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.77		1.0	0.77	mg/L			08/01/25 18:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:22	1
Calcium	<0.038		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 17:58	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 17:58	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 17:58	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 17:58	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 17:58	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 17:58	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 17:58	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 17:58	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			08/04/25 16:00	1

Client Sample ID: MCI-GWC-2

Lab Sample ID: 680-266013-12

Date Collected: 07/30/25 09:45

Matrix: Water

Date Received: 07/30/25 13:55

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			08/01/25 19:03	1
Fluoride	<0.081		0.20	0.081	mg/L			08/01/25 19:03	1
Sulfate	**5.5**		1.0	0.77	mg/L			08/01/25 19:03	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.11**	**B**	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:24	1
Calcium	**3.4**		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.078**	**B**	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 18:01	1
Beryllium	**0.00023**	**J**	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 18:01	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 18:01	1
Cobalt	**0.0014**	**J**	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 18:01	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 18:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 18:01	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 18:01	1
Zinc	**0.0091**	**J**	0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 18:01	1

Client Sample ID: MCI-GWC-2

Lab Sample ID: 680-266013-12

Date Collected: 07/30/25 09:45
Matrix: Water
Date Received: 07/30/25 13:55

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	56		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-LF3-GWC-4A

Lab Sample ID: 680-266013-13

Date Collected: 07/30/25 10:11
Matrix: Water
Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16		1.0	0.98	mg/L			08/01/25 19:14	1
Fluoride	<0.081		0.20	0.081	mg/L			08/01/25 19:14	1
Sulfate	1.4		1.0	0.77	mg/L			08/01/25 19:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:27	1
Calcium	0.48		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.043	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 18:05	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 18:05	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 18:05	1
Cobalt	0.00041	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 18:05	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 18:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 18:05	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 18:05	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 18:05	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			08/04/25 16:00	1

Client Sample ID: MCI-GWC-1A

Lab Sample ID: 680-266013-14

Date Collected: 07/30/25 11:35
Matrix: Water
Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16		1.0	0.98	mg/L			08/02/25 14:26	1
Fluoride	0.12	J	0.20	0.081	mg/L			08/02/25 14:26	1
Sulfate	<0.77		1.0	0.77	mg/L			08/02/25 14:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.2	B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:30	1
Calcium	2.4		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.28	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 18:08	1

Client Sample ID: MCI-GWC-1A

Lab Sample ID: 680-266013-14

Date Collected: 07/30/25 11:35
Date Received: 07/30/25 13:55

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.00038	J	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 18:08	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 18:08	1
Cobalt	0.0045	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 18:08	1
Copper	0.00084	J	0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 18:08	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 18:08	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 18:08	1
Zinc	0.022		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 18:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	69		10	10	mg/L			08/04/25 16:00	1

Client Sample ID: MCI-LF3-FD-06

Lab Sample ID: 680-266013-15

Date Collected: 07/30/25 00:00
Date Received: 07/30/25 13:55

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.3		1.0	0.98	mg/L			08/02/25 14:38	1
Fluoride	0.14	J	0.20	0.081	mg/L			08/02/25 14:38	1
Sulfate	4.8		1.0	0.77	mg/L			08/02/25 14:38	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.10	B	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:33	1
Calcium	3.5		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.081	B	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 18:11	1
Beryllium	0.00023	J	0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 18:11	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 18:11	1
Cobalt	0.0016	J	0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 18:11	1
Copper	0.0046		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 18:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 18:11	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 18:11	1
Zinc	0.019		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 18:11	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			08/04/25 16:00	1

Client Sample ID: MCI-LF3-FB-10

Lab Sample ID: 680-266013-16

Date Collected: 07/30/25 09:05
Date Received: 07/30/25 13:55

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/02/25 14:49	1
Fluoride	<0.081		0.20	0.081	mg/L			08/02/25 14:49	1

Client Sample ID: MCI-LF3-FB-10

Lab Sample ID: 680-266013-16

Date Collected: 07/30/25 09:05

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.77		1.0	0.77	mg/L			08/02/25 14:49	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:36	1
Calcium	<0.038		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 18:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 18:15	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 18:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 18:15	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 18:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 18:15	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 18:15	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 18:15	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			08/04/25 16:00	1

Client Sample ID: MCI-LF3-EB-12

Lab Sample ID: 680-266013-17

Date Collected: 07/30/25 11:10

Matrix: Water

Date Received: 07/30/25 13:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/02/25 15:00	1
Fluoride	<0.081		0.20	0.081	mg/L			08/02/25 15:00	1
Sulfate	<0.77		1.0	0.77	mg/L			08/02/25 15:00	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 12:13	08/08/25 11:38	1
Calcium	**0.90**		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 11:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/08/25 09:21	08/11/25 23:34	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 09:21	08/11/25 23:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 09:21	08/11/25 23:34	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 09:21	08/11/25 23:34	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/08/25 09:21	08/11/25 23:34	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 09:21	08/11/25 23:34	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/08/25 09:21	08/11/25 23:34	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/08/25 09:21	08/11/25 23:34	1

Client Sample Results

Client: Southern Company
Project/Site: Plant McIntosh Landfill 3

Job ID: 680-266013-1

Client Sample ID: MCI-LF3-EB-12
Date Collected: 07/30/25 11:10
Date Received: 07/30/25 13:55

Lab Sample ID: 680-266013-17
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	16		10	10	mg/L			08/04/25 16:00	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71583/128
Matrix: Water
Analysis Batch: 71583

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 20:19	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 20:19	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 20:19	1

Lab Sample ID: MB 705-71583/3
Matrix: Water
Analysis Batch: 71583

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 11:02	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 11:02	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 11:02	1

Lab Sample ID: LCS 705-71583/129
Matrix: Water
Analysis Batch: 71583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.6		mg/L		106	90 - 110
Fluoride	5.00	5.13		mg/L		103	90 - 110
Sulfate	25.0	26.9		mg/L		108	90 - 110

Lab Sample ID: LCS 705-71583/4
Matrix: Water
Analysis Batch: 71583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	5.00	4.86		mg/L		97	90 - 110
Sulfate	25.0	26.3		mg/L		105	90 - 110

Lab Sample ID: 680-266013-2 MS
Matrix: Water
Analysis Batch: 71583

Client Sample ID: MCI-GWA-2B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.1		10.0	17.2		mg/L		100	90 - 110
Fluoride	<0.081		5.00	4.81		mg/L		96	90 - 110

Lab Sample ID: 680-266013-2 MS
Matrix: Water
Analysis Batch: 71583

Client Sample ID: MCI-GWA-2B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	80	F1	50.0	96.0	F1	mg/L		32	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-266013-2 MSD — **Client Sample ID: MCI-GWA-2B**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 71583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.1		10.0	17.4		mg/L		102	90 - 110	1	20
Fluoride	<0.081		5.00	4.79		mg/L		96	90 - 110	0	20

Lab Sample ID: 680-266013-2 MSD — **Client Sample ID: MCI-GWA-2B**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 71583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	80	F1	50.0	99.8	F1	mg/L		40	90 - 110	4	20

Lab Sample ID: 705-38347-A-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 71583

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.1		mg/L		98	90 - 110
Fluoride	0.089	J	5.00	4.62		mg/L		91	90 - 110
Sulfate	1.1		25.0	26.1		mg/L		100	90 - 110

Lab Sample ID: 705-38347-A-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 71583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.7		mg/L		103	90 - 110	5	20
Fluoride	0.089	J	5.00	4.87		mg/L		96	90 - 110	5	20
Sulfate	1.1		25.0	26.6		mg/L		102	90 - 110	2	20

Lab Sample ID: MB 705-71838/103 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 71838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/01/25 13:54	1
Fluoride	<0.081		0.20	0.081	mg/L			08/01/25 13:54	1
Sulfate	<0.77		1.0	0.77	mg/L			08/01/25 13:54	1

Lab Sample ID: LCS 705-71838/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 71838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	4.99		mg/L		100	90 - 110
Sulfate	25.0	26.2		mg/L		105	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-266013-9 MS
Matrix: Water
Analysis Batch: 71838

Client Sample ID: MCI-LF3-FD-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10		10.0	20.4		mg/L		103	90 - 110
Fluoride	0.090	J F1	5.00	4.71		mg/L		92	90 - 110
Sulfate	2.4		25.0	27.0		mg/L		99	90 - 110

Lab Sample ID: 680-266013-9 MSD
Matrix: Water
Analysis Batch: 71838

Client Sample ID: MCI-LF3-FD-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10		10.0	19.6		mg/L		94	90 - 110	4	20
Fluoride	0.090	J F1	5.00	4.54	F1	mg/L		89	90 - 110	4	20
Sulfate	2.4		25.0	25.7		mg/L		93	90 - 110	5	20

Lab Sample ID: MB 705-72038/3
Matrix: Water
Analysis Batch: 72038

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/02/25 11:34	1
Fluoride	<0.081		0.20	0.081	mg/L			08/02/25 11:34	1
Sulfate	<0.77		1.0	0.77	mg/L			08/02/25 11:34	1

Lab Sample ID: LCS 705-72038/4
Matrix: Water
Analysis Batch: 72038

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.43		mg/L		94	90 - 110
Fluoride	5.00	4.50		mg/L		90	90 - 110
Sulfate	25.0	24.5		mg/L		98	90 - 110

Lab Sample ID: 705-38633-B-1 MS
Matrix: Water
Analysis Batch: 72038

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.2		10.0	10.8		mg/L		96	90 - 110
Fluoride	<0.081	F1	5.00	4.27	F1	mg/L		85	90 - 110
Sulfate	3.7		25.0	29.0		mg/L		101	90 - 110

Lab Sample ID: 705-38633-B-1 MSD
Matrix: Water
Analysis Batch: 72038

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.2		10.0	10.6		mg/L		94	90 - 110	2	20
Fluoride	<0.081	F1	5.00	4.13	F1	mg/L		83	90 - 110	3	20
Sulfate	3.7		25.0	28.6		mg/L		100	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-73153/1-A
Matrix: Water
Analysis Batch: 73495

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73153

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0690	J	0.080	0.026	mg/L		08/07/25 12:13	08/08/25 10:25	1
Calcium	<0.038		0.10	0.038	mg/L		08/07/25 12:13	08/08/25 10:25	1

Lab Sample ID: LCS 705-73153/2-A
Matrix: Water
Analysis Batch: 73495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.05		mg/L		105	80 - 120
Calcium	10.0	9.99		mg/L		100	80 - 120

Lab Sample ID: 680-266013-1 MS
Matrix: Water
Analysis Batch: 73495

Client Sample ID: MCI-LF3-GWA-5
Prep Type: Total/NA
Prep Batch: 73153

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.055	J B	1.00	1.04		mg/L		99	75 - 125
Calcium	2.8		10.0	12.6		mg/L		98	75 - 125

Lab Sample ID: 680-266013-1 MSD
Matrix: Water
Analysis Batch: 73495

Client Sample ID: MCI-LF3-GWA-5
Prep Type: Total/NA
Prep Batch: 73153

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.055	J B	1.00	1.04		mg/L		98	75 - 125	0	20
Calcium	2.8		10.0	12.6		mg/L		98	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72951/1-A
Matrix: Water
Analysis Batch: 73423

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.000861	J	0.010	0.00041	mg/L		08/06/25 15:56	08/07/25 16:10	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/06/25 15:56	08/07/25 16:10	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/06/25 15:56	08/07/25 16:10	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/06/25 15:56	08/07/25 16:10	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/06/25 15:56	08/07/25 16:10	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/06/25 15:56	08/07/25 16:10	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/06/25 15:56	08/07/25 16:10	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/06/25 15:56	08/07/25 16:10	1

Lab Sample ID: LCS 705-72951/2-A
Matrix: Water
Analysis Batch: 73423

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.109		mg/L		109	80 - 120
Beryllium	0.100	0.0954		mg/L		95	80 - 120

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

Lab Sample ID: LCS 705-72951/2-A
Matrix: Water
Analysis Batch: 73423

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.100	0.103		mg/L		103	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	0.0989		mg/L		99	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.0995		mg/L		100	80 - 120

Lab Sample ID: 680-266096-B-1-B MS
Matrix: Water
Analysis Batch: 73423

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 72951

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.066	B	0.100	0.172		mg/L		107	75 - 125
Beryllium	0.00019	J	0.100	0.0967		mg/L		96	75 - 125
Chromium	<0.0037		0.100	0.102		mg/L		102	75 - 125
Cobalt	0.0026	J	0.100	0.105		mg/L		102	75 - 125
Copper	<0.00064		0.100	0.0995		mg/L		100	75 - 125
Lead	<0.00086		0.100	0.0976		mg/L		98	75 - 125
Vanadium	<0.0012		0.100	0.102		mg/L		102	75 - 125
Zinc	<0.0089		0.100	0.108		mg/L		108	75 - 125

Lab Sample ID: 680-266096-B-1-C MSD
Matrix: Water
Analysis Batch: 73423

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 72951

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.066	B	0.100	0.181		mg/L		115	75 - 125	5	20
Beryllium	0.00019	J	0.100	0.0971		mg/L		97	75 - 125	0	20
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125	1	20
Cobalt	0.0026	J	0.100	0.106		mg/L		103	75 - 125	1	20
Copper	<0.00064		0.100	0.0995		mg/L		100	75 - 125	0	20
Lead	<0.00086		0.100	0.0957		mg/L		96	75 - 125	2	20
Vanadium	<0.0012		0.100	0.104		mg/L		104	75 - 125	2	20
Zinc	<0.0089		0.100	0.106		mg/L		106	75 - 125	2	20

Lab Sample ID: MB 705-73388/1-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/08/25 09:21	08/11/25 22:54	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 09:21	08/11/25 22:54	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 09:21	08/11/25 22:54	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 09:21	08/11/25 22:54	1
Copper	0.000669		0.0020	0.00064	mg/L		08/08/25 09:21	08/11/25 22:54	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 09:21	08/11/25 22:54	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/08/25 09:21	08/11/25 22:54	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/08/25 09:21	08/11/25 22:54	1

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

Lab Sample ID: LCS 705-73388/2-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.100	0.0994		mg/L		99	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.100	0.114		mg/L		114	80 - 120
Copper	0.100	0.118		mg/L		118	80 - 120
Lead	0.100	0.110		mg/L		110	80 - 120
Vanadium	0.100	0.112		mg/L		112	80 - 120
Zinc	0.100	0.112	^+	mg/L		112	80 - 120

Lab Sample ID: 680-266089-D-6-B MS
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.0056	J	0.100	0.106		mg/L		100	75 - 125
Beryllium	<0.00015		0.100	0.0965		mg/L		96	75 - 125
Chromium	<0.0037		0.100	0.110		mg/L		110	75 - 125
Cobalt	0.00063	J	0.100	0.111		mg/L		111	75 - 125
Copper	0.0013	J B	0.100	0.115		mg/L		114	75 - 125
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125
Vanadium	0.0012	J	0.100	0.112		mg/L		110	75 - 125
Zinc	0.011	^+	0.100	0.119		mg/L		108	75 - 125

Lab Sample ID: 680-266089-D-6-C MSD
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.0056	J	0.100	0.107		mg/L		101	75 - 125	1	20
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125	4	20
Chromium	<0.0037		0.100	0.114		mg/L		114	75 - 125	4	20
Cobalt	0.00063	J	0.100	0.116		mg/L		115	75 - 125	4	20
Copper	0.0013	J B	0.100	0.119		mg/L		118	75 - 125	3	20
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125	0	20
Vanadium	0.0012	J	0.100	0.113		mg/L		112	75 - 125	2	20
Zinc	0.011	^+	0.100	0.120		mg/L		109	75 - 125	1	20

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

Lab Sample ID: MB 705-72349/1
Matrix: Water
Analysis Batch: 72349

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/04/25 16:00	1

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

Lab Sample ID: LCS 705-72349/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 72349

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1020		mg/L		103	80 - 120		

Lab Sample ID: 705-38357-D-1 DU
Client Sample ID: Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 72349

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1500			1470		mg/L				1	10

HPLC/IC

Analysis Batch: 71583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-1	MCI-LF3-GWA-5	Total/NA	Water	300.0	
680-266013-2	MCI-GWA-2B	Total/NA	Water	300.0	
680-266013-2	MCI-GWA-2B	Total/NA	Water	300.0	
680-266013-3	MCI-GWA-4	Total/NA	Water	300.0	
680-266013-4	MCI-GWA-1B	Total/NA	Water	300.0	
680-266013-5	MCI-GWA-3A	Total/NA	Water	300.0	
680-266013-6	MCI-GWA-7A	Total/NA	Water	300.0	
680-266013-6	MCI-GWA-7A	Total/NA	Water	300.0	
680-266013-7	MCI-GWC-5A	Total/NA	Water	300.0	
680-266013-8	MCI-GWC-6A	Total/NA	Water	300.0	
MB 705-71583/128	Method Blank	Total/NA	Water	300.0	
MB 705-71583/3	Method Blank	Total/NA	Water	300.0	
LCS 705-71583/129	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-71583/4	Lab Control Sample	Total/NA	Water	300.0	
680-266013-2 MS	MCI-GWA-2B	Total/NA	Water	300.0	
680-266013-2 MS	MCI-GWA-2B	Total/NA	Water	300.0	
680-266013-2 MSD	MCI-GWA-2B	Total/NA	Water	300.0	
680-266013-2 MSD	MCI-GWA-2B	Total/NA	Water	300.0	
705-38347-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-38347-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 71838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-9	MCI-LF3-FD-05	Total/NA	Water	300.0	
680-266013-10	MCI-LF3-FB-09	Total/NA	Water	300.0	
680-266013-11	MCI-LF3-EB-11	Total/NA	Water	300.0	
680-266013-12	MCI-GWC-2	Total/NA	Water	300.0	
680-266013-13	MCI-LF3-GWC-4A	Total/NA	Water	300.0	
MB 705-71838/103	Method Blank	Total/NA	Water	300.0	
LCS 705-71838/4	Lab Control Sample	Total/NA	Water	300.0	
680-266013-9 MS	MCI-LF3-FD-05	Total/NA	Water	300.0	
680-266013-9 MSD	MCI-LF3-FD-05	Total/NA	Water	300.0	

Analysis Batch: 72038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-14	MCI-GWC-1A	Total/NA	Water	300.0	
680-266013-15	MCI-LF3-FD-06	Total/NA	Water	300.0	
680-266013-16	MCI-LF3-FB-10	Total/NA	Water	300.0	
680-266013-17	MCI-LF3-EB-12	Total/NA	Water	300.0	
MB 705-72038/3	Method Blank	Total/NA	Water	300.0	
LCS 705-72038/4	Lab Control Sample	Total/NA	Water	300.0	
705-38633-B-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-38633-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 72951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-1	MCI-LF3-GWA-5	Total Recoverable	Water	3005A	
680-266013-2	MCI-GWA-2B	Total Recoverable	Water	3005A	
680-266013-3	MCI-GWA-4	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 72951 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-4	MCI-GWA-1B	Total Recoverable	Water	3005A	
680-266013-5	MCI-GWA-3A	Total Recoverable	Water	3005A	
680-266013-6	MCI-GWA-7A	Total Recoverable	Water	3005A	
680-266013-7	MCI-GWC-5A	Total Recoverable	Water	3005A	
680-266013-8	MCI-GWC-6A	Total Recoverable	Water	3005A	
680-266013-9	MCI-LF3-FD-05	Total Recoverable	Water	3005A	
680-266013-10	MCI-LF3-FB-09	Total Recoverable	Water	3005A	
680-266013-11	MCI-LF3-EB-11	Total Recoverable	Water	3005A	
680-266013-12	MCI-GWC-2	Total Recoverable	Water	3005A	
680-266013-13	MCI-LF3-GWC-4A	Total Recoverable	Water	3005A	
680-266013-14	MCI-GWC-1A	Total Recoverable	Water	3005A	
680-266013-15	MCI-LF3-FD-06	Total Recoverable	Water	3005A	
680-266013-16	MCI-LF3-FB-10	Total Recoverable	Water	3005A	
MB 705-72951/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-72951/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-266096-B-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-266096-B-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 73153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-1	MCI-LF3-GWA-5	Total/NA	Water	3010A	
680-266013-2	MCI-GWA-2B	Total/NA	Water	3010A	
680-266013-3	MCI-GWA-4	Total/NA	Water	3010A	
680-266013-4	MCI-GWA-1B	Total/NA	Water	3010A	
680-266013-5	MCI-GWA-3A	Total/NA	Water	3010A	
680-266013-6	MCI-GWA-7A	Total/NA	Water	3010A	
680-266013-7	MCI-GWC-5A	Total/NA	Water	3010A	
680-266013-8	MCI-GWC-6A	Total/NA	Water	3010A	
680-266013-9	MCI-LF3-FD-05	Total/NA	Water	3010A	
680-266013-10	MCI-LF3-FB-09	Total/NA	Water	3010A	
680-266013-11	MCI-LF3-EB-11	Total/NA	Water	3010A	
680-266013-12	MCI-GWC-2	Total/NA	Water	3010A	
680-266013-13	MCI-LF3-GWC-4A	Total/NA	Water	3010A	
680-266013-14	MCI-GWC-1A	Total/NA	Water	3010A	
680-266013-15	MCI-LF3-FD-06	Total/NA	Water	3010A	
680-266013-16	MCI-LF3-FB-10	Total/NA	Water	3010A	
680-266013-17	MCI-LF3-EB-12	Total/NA	Water	3010A	
MB 705-73153/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-73153/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-266013-1 MS	MCI-LF3-GWA-5	Total/NA	Water	3010A	
680-266013-1 MSD	MCI-LF3-GWA-5	Total/NA	Water	3010A	

Prep Batch: 73388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-17	MCI-LF3-EB-12	Total Recoverable	Water	3005A	
MB 705-73388/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-73388/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-266089-D-6-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-266089-D-6-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Metals

Analysis Batch: 73423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-1	MCI-LF3-GWA-5	Total Recoverable	Water	6020B	72951
680-266013-2	MCI-GWA-2B	Total Recoverable	Water	6020B	72951
680-266013-3	MCI-GWA-4	Total Recoverable	Water	6020B	72951
680-266013-4	MCI-GWA-1B	Total Recoverable	Water	6020B	72951
680-266013-5	MCI-GWA-3A	Total Recoverable	Water	6020B	72951
680-266013-6	MCI-GWA-7A	Total Recoverable	Water	6020B	72951
680-266013-7	MCI-GWC-5A	Total Recoverable	Water	6020B	72951
680-266013-8	MCI-GWC-6A	Total Recoverable	Water	6020B	72951
680-266013-9	MCI-LF3-FD-05	Total Recoverable	Water	6020B	72951
680-266013-10	MCI-LF3-FB-09	Total Recoverable	Water	6020B	72951
680-266013-11	MCI-LF3-EB-11	Total Recoverable	Water	6020B	72951
680-266013-12	MCI-GWC-2	Total Recoverable	Water	6020B	72951
680-266013-13	MCI-LF3-GWC-4A	Total Recoverable	Water	6020B	72951
680-266013-14	MCI-GWC-1A	Total Recoverable	Water	6020B	72951
680-266013-15	MCI-LF3-FD-06	Total Recoverable	Water	6020B	72951
680-266013-16	MCI-LF3-FB-10	Total Recoverable	Water	6020B	72951
MB 705-72951/1-A	Method Blank	Total Recoverable	Water	6020B	72951
LCS 705-72951/2-A	Lab Control Sample	Total Recoverable	Water	6020B	72951
680-266096-B-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	72951
680-266096-B-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	72951

Analysis Batch: 73495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-1	MCI-LF3-GWA-5	Total/NA	Water	6010D	73153
680-266013-2	MCI-GWA-2B	Total/NA	Water	6010D	73153
680-266013-3	MCI-GWA-4	Total/NA	Water	6010D	73153
680-266013-4	MCI-GWA-1B	Total/NA	Water	6010D	73153
680-266013-5	MCI-GWA-3A	Total/NA	Water	6010D	73153
680-266013-6	MCI-GWA-7A	Total/NA	Water	6010D	73153
680-266013-7	MCI-GWC-5A	Total/NA	Water	6010D	73153
680-266013-8	MCI-GWC-6A	Total/NA	Water	6010D	73153
680-266013-9	MCI-LF3-FD-05	Total/NA	Water	6010D	73153
680-266013-10	MCI-LF3-FB-09	Total/NA	Water	6010D	73153
680-266013-11	MCI-LF3-EB-11	Total/NA	Water	6010D	73153
680-266013-12	MCI-GWC-2	Total/NA	Water	6010D	73153
680-266013-13	MCI-LF3-GWC-4A	Total/NA	Water	6010D	73153
680-266013-14	MCI-GWC-1A	Total/NA	Water	6010D	73153
680-266013-15	MCI-LF3-FD-06	Total/NA	Water	6010D	73153
680-266013-16	MCI-LF3-FB-10	Total/NA	Water	6010D	73153
680-266013-17	MCI-LF3-EB-12	Total/NA	Water	6010D	73153
MB 705-73153/1-A	Method Blank	Total/NA	Water	6010D	73153
LCS 705-73153/2-A	Lab Control Sample	Total/NA	Water	6010D	73153
680-266013-1 MS	MCI-LF3-GWA-5	Total/NA	Water	6010D	73153
680-266013-1 MSD	MCI-LF3-GWA-5	Total/NA	Water	6010D	73153

Analysis Batch: 74189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-17	MCI-LF3-EB-12	Total Recoverable	Water	6020B	73388
MB 705-73388/1-A	Method Blank	Total Recoverable	Water	6020B	73388
LCS 705-73388/2-A	Lab Control Sample	Total Recoverable	Water	6020B	73388
680-266089-D-6-B MS	Matrix Spike	Total Recoverable	Water	6020B	73388

Metals (Continued)

Analysis Batch: 74189 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266089-D-6-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	73388

General Chemistry

Analysis Batch: 72349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-266013-1	MCI-LF3-GWA-5	Total/NA	Water	2540C - 2015	
680-266013-2	MCI-GWA-2B	Total/NA	Water	2540C - 2015	
680-266013-3	MCI-GWA-4	Total/NA	Water	2540C - 2015	
680-266013-4	MCI-GWA-1B	Total/NA	Water	2540C - 2015	
680-266013-5	MCI-GWA-3A	Total/NA	Water	2540C - 2015	
680-266013-6	MCI-GWA-7A	Total/NA	Water	2540C - 2015	
680-266013-7	MCI-GWC-5A	Total/NA	Water	2540C - 2015	
680-266013-8	MCI-GWC-6A	Total/NA	Water	2540C - 2015	
680-266013-9	MCI-LF3-FD-05	Total/NA	Water	2540C - 2015	
680-266013-10	MCI-LF3-FB-09	Total/NA	Water	2540C - 2015	
680-266013-11	MCI-LF3-EB-11	Total/NA	Water	2540C - 2015	
680-266013-12	MCI-GWC-2	Total/NA	Water	2540C - 2015	
680-266013-13	MCI-LF3-GWC-4A	Total/NA	Water	2540C - 2015	
680-266013-14	MCI-GWC-1A	Total/NA	Water	2540C - 2015	
680-266013-15	MCI-LF3-FD-06	Total/NA	Water	2540C - 2015	
680-266013-16	MCI-LF3-FB-10	Total/NA	Water	2540C - 2015	
680-266013-17	MCI-LF3-EB-12	Total/NA	Water	2540C - 2015	
MB 705-72349/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-72349/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-38357-D-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 3

Job ID: 680-266013-1

Client Sample ID: MCI-LF3-GWA-5

Lab Sample ID: 680-266013-1

Date Collected: 07/29/25 09:50
Matrix: Water
Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71583	07/31/25 16:53	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 10:31	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:04	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-GWA-2B

Lab Sample ID: 680-266013-2

Date Collected: 07/29/25 10:50
Matrix: Water
Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71583	07/31/25 20:41	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Analysis	300.0		2			71583	08/01/25 11:14	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 10:51	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:07	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-GWA-4

Lab Sample ID: 680-266013-3

Date Collected: 07/29/25 11:49
Matrix: Water
Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71583	08/01/25 00:18	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 10:53	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:11	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-GWA-1B

Lab Sample ID: 680-266013-4

Date Collected: 07/29/25 12:35

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71583	08/01/25 00:30	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 10:56	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:14	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-GWA-3A

Lab Sample ID: 680-266013-5

Date Collected: 07/29/25 13:36

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71583	08/01/25 01:16	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 10:59	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:18	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-GWA-7A

Lab Sample ID: 680-266013-6

Date Collected: 07/29/25 14:15

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71583	08/01/25 01:27	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Analysis	300.0		5			71583	08/01/25 12:57	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:02	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:21	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 3

Job ID: 680-266013-1

Client Sample ID: MCI-GWC-5A

Lab Sample ID: 680-266013-7

Date Collected: 07/29/25 15:47

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71583	08/01/25 01:39	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:05	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:24	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-GWC-6A

Lab Sample ID: 680-266013-8

Date Collected: 07/29/25 16:00

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71583	08/01/25 01:50	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:13	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:28	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-LF3-FD-05

Lab Sample ID: 680-266013-9

Date Collected: 07/29/25 00:00

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71838	08/01/25 14:05	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:16	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:31	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-LF3-FB-09

Lab Sample ID: 680-266013-10

Date Collected: 07/29/25 15:40

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71838	08/01/25 18:40	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:19	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:34	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-LF3-EB-11

Lab Sample ID: 680-266013-11

Date Collected: 07/29/25 16:20

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71838	08/01/25 18:51	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:22	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 17:58	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-GWC-2

Lab Sample ID: 680-266013-12

Date Collected: 07/30/25 09:45

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71838	08/01/25 19:03	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:24	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 18:01	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-LF3-GWC-4A

Lab Sample ID: 680-266013-13

Date Collected: 07/30/25 10:11

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71838	08/01/25 19:14	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:27	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 18:05	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-GWC-1A

Lab Sample ID: 680-266013-14

Date Collected: 07/30/25 11:35

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			72038	08/02/25 14:26	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:30	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 18:08	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-LF3-FD-06

Lab Sample ID: 680-266013-15

Date Collected: 07/30/25 00:00

Matrix: Water

Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			72038	08/02/25 14:38	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:33	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 18:11	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant McIntosh Landfill 3

Job ID: 680-266013-1

Client Sample ID: MCI-LF3-FB-10

Lab Sample ID: 680-266013-16

Date Collected: 07/30/25 09:05
Matrix: Water
Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			72038	08/02/25 14:49	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:36	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	72951	08/06/25 15:56	MT	EET ATL
Total Recoverable	Analysis	6020B		1			73423	08/07/25 18:15	MD	EET ATL
	Instrument ID: ICPMS-3									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Client Sample ID: MCI-LF3-EB-12

Lab Sample ID: 680-266013-17

Date Collected: 07/30/25 11:10
Matrix: Water
Date Received: 07/30/25 13:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			72038	08/02/25 15:00	MS	EET ATL
	Instrument ID: WC-IC-2									
Total/NA	Prep	3010A			50 mL	50 mL	73153	08/07/25 12:13	EF	EET ATL
Total/NA	Analysis	6010D		1			73495	08/08/25 11:38	DAB	EET ATL
	Instrument ID: OES 1									
Total Recoverable	Prep	3005A			50 mL	50 mL	73388	08/08/25 09:21	SA	EET ATL
Total Recoverable	Analysis	6020B		1			74189	08/11/25 23:34	IF	EET ATL
	Instrument ID: ICPMS-4									
Total/NA	Analysis	2540C - 2015		1	100 mL	100 mL	72349	08/04/25 16:00	NN	EET ATL
	Instrument ID: NOEQUIP									

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-266013-1
Project/Site: Plant McIntosh Landfill 3

Laboratory: Eurofins Atlanta

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
AIHA LAP, LLC	Environmental Lead Laboratory Accreditation Program (ELLAP)	LAP-100671	11-01-25
AIHA LAP, LLC	Industrial Hygiene Laboratory Accreditation Program (IHLAP)	LAP-100671	11-01-25
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26
Georgia (DW)	State	800	04-25-26
Kentucky (UST)	State	123046	06-30-26
North Carolina (WW/SW)	State	562	12-31-25
South Carolina	State	98016	06-30-26
USDA	US Federal Programs	525-23-143-96227A1	05-24-26

Method Summary

Client: Southern Company
Project/Site: Plant McIntosh Landfill 3

Job ID: 680-266013-1

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

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Goble / C. Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: ~~1 of 2~~ TG
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 2
Company: GA Power				Job #:

Address: 241 Ralph McGill Blvd SE	Due Date Requested:	Analysis Requested
City: Atlanta	TAT Requested (days):	
State, Zip: GA, 30308		
Phone: 404-506-7116(Tel)	Lab Project #: 68027732	
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0002	
Project Name: Plant McIntosh Landfill 3	Project #:	
Site: Georgia	SSOW#:	

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-2025S2

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)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	Custom State 8 Permit Metals (EPA 6020): Ba,Be,Cr,Co,Cu,Pb,V,Zn	Total Number of containers
			Preservation Code:				I	I	D	D	
MCI- ~~GWA-5~~ LF3-GWA-5	07/29/25	0950	G	WG	N	N	✓	✓	✓	✓	3
MCI- GWA-2B	07/29/25	1050	G	WG	N	N	✓	✓	✓	✓	3
MCI- GWA-4	07/29/25	1149	G	WG	N	N	✓	✓	✓	✓	3
MCI- GWA-1B	07/29/25	1235	G	WG	N	N	✓	✓	✓	✓	3
MCI- GWA-3A	07/29/25	1336	G	WG	N	N	✓	✓	✓	✓	3
MCI- GWA-7A	07/29/25	1415	G	WG	N	N	✓	✓	✓	✓	3
MCI- GWC-5A	07/29/25	1547	G	WG	N	N	✓	✓	✓	✓	3
MCI- GWC-6A	07/29/25	1600	G	WG	N	N	✓	✓	✓	✓	3
MCI- LF3-FD-05	07/29/25	—	G	WG	N	N	✓	✓	✓	✓	3
MCI- LF3-FB-09	07/29/25	1540	G	WQ	N	N	✓	✓	✓	✓	3
MCI- LF3-EB-11	07/29/25	1620	G	WQ	N	N	✓	✓	✓	✓	3

680-266013 Chain of Custody

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

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

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

Special Instructions/QC Requirements: State Permit Metals: barium, beryllium, chromium, cobalt, copper, lead, vanadium, zinc

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 7/30/25 1352	Company ACC	Received by:	Date/Time: 7.30.25 1358	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.8/1.9 2.1/2.2

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Goble / C. Klamke (ACC)	Lab PM: Fuller, David	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 #:
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 #: 68027732			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0002			
Project Name: Plant McIntosh Landfill 3	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-2025S2

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)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	Custom State 8 Permit Metals (EPA 6020): Ba,Be,Cr,Co,Cu,Pb,V,Zn	Total Number of containers
			Preservation Code:				I	I	D	D	
MCI- GWC-2	07/30/25	0945	G	WG	N	N	✓	✓	✓	✓	3
MCI- LF3-GWC-4A	07/30/25	1011	G	WG	N	N	✓	✓	✓	✓	3
MCI- GWC-1A	07/30/25	1135	G	WG	N	N	✓	✓	✓	✓	3
MCI- LF3-FD-06	07/30/25	—	G	WG	N	N	✓	✓	✓	✓	3
MCI- LF3-FB-10	07/30/25	0905	G	WQ	N	N	✓	✓	✓	✓	3
MCI- LF3-EB-12	07/30/25	1110	G	WQ	N	N	✓	✓	✓	✓	3
MCI-			G			N					
MCI-			G			N					
MCI-			G			N					
MCI-			G			N					
MCI-			G			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: barium, beryllium, chromium, cobalt, copper, lead, vanadium, zinc

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		7/30/25 1352	ACC		7-30-25 1350	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-266013-1

Login Number: 266013

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-266013-1

Login Number: 266013
List Number: 2
Creator: Karbievskii, Konstantin

List Source: Eurofins Atlanta
List Creation: 07/31/25 08:45 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	N/A	

LEVEL 2A LABORATORY DATA VALIDATIONS

McIntosh Inactive Landfill No. 3

Semiannual Event

July 2025

Georgia Power Company – McIntosh Landfill 3

Quality Control Review of Analytical Data – July 2025

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 3 (LF3) between July 29, 2025 and July 30, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix.

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 sulfate from MCI-GWC-6A (680-266013-8) as described in the qualifications section below.

Accuracy: Laboratory goals for accuracy were met, except for sulfate from MCI-GWA-2B (680-266013-2) and fluoride from MCI-LF3-FD-05 (680-266013-9) as described in the qualifications section below.

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 approximate 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-6A (680-266013-8) and MCI-LF3-FD-05 (680-266013-9) were qualified as estimated (J) for sulfate as the field relative percent difference (RPD) exceeded QC criteria (28.6% above the limit of 20).

- Sample MCI-GWA-2B (680-266013-2) was qualified as estimated (J) for sulfate as the matrix spike (MS) and matrix spike duplicate (MSD) recoveries were outside QC criteria (32% and 40%, respectively, below the range of 90-110).

- Sample MCI-LF3-FD-05 (680-266013-9) was qualified as estimated (J) for fluoride as the MSD recovery was outside QC criteria (89% below the range of 90-110).

- Certain boron results on work order 680-266013-1 were qualified as non-detect (U) due to the analyte being detected at similar concentrations in an associated blank sample (batch method blank). As shown in Table 2, when the original sample result was below the minimum detection limit (MDL), the new MDL was raised to the detectable concentration of the sample as part of the qualification process.

- Certain boron and/or barium results on work order 680-266013-1 were qualified as potentially high biased (J+) due to the analytes being detected at similar concentrations in an associated blank sample (batch method blank). As shown in Table 2, when the original sample result was above the RL, the RL was not revised as part of the qualification process.

- Samples MCI-GWC-2 (680-266013-12), MCI-LF3-GWC-4A (680-266013-13), MCI-GWC-1A (680-266013-14), and MCI-LF3-FD-06 (680-266013-15) were qualified as potentially high biased (J+) for calcium and total dissolved solids (TDS) due to the analytes being detected in the associated equipment blank sample.

Atlantic Coast Consulting, Inc. reviewed the laboratory data from McIntosh LF3 sampled between July 29, 2025 and July 30, 2025 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 – July 2025

Georgia Power Company – McIntosh LF3

						Analyses		
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020B)	Anions (300.0)	TDS (SM 2540C)
266013-1	MCI-LF3-FD-05	07/29/25	680-266013-9	WG	FD (MCI-GWC-6A)	X	X	X
266013-1	MCI-GWA-1B	07/29/25	680-266013-4	WG		X	X	X
266013-1	MCI-GWA-2B	07/29/25	680-266013-2	WG		X	X	X
266013-1	MCI-GWA-4	07/29/25	680-266013-3	WG		X	X	X
266013-1	MCI-LF3-GWA-5	07/29/25	680-266013-1	WG		X	X	X
266013-1	MCI-GWA-7A	07/29/25	680-266013-6	WG		X	X	X
266013-1	MCI-GWC-2	07/30/25	680-266013-12	WG		X	X	X
266013-1	MCI-LF3-GWC-4A	07/30/25	680-266013-13	WG		X	X	X
266013-1	MCI-GWA-3A	07/29/25	680-266013-5	WG		X	X	X
266013-1	MCI-GWC-5A	07/29/25	680-266013-7	WG		X	X	X
266013-1	MCI-GWC-6A	07/29/25	680-266013-8	WG		X	X	X
266013-1	MCI-LF3-FD-06	07/30/25	680-266013-15	WG	FD (MCI-GWC-2)	X	X	X
266013-1	MCI-GWC-1A	07/30/25	680-266013-14	WG		X	X	X
266013-1	MCI-LF3-FB-09	07/29/25	680-266013-10	WQ	FB	X	X	X
266013-1	MCI-LF3-FB-10	07/30/25	680-266013-16	WQ	FB	X	X	X
266013-1	MCI-LF3-EB-11	07/29/25	680-266013-11	WQ	EB	X	X	X
266013-1	MCI-LF3-EB-12	07/30/25	680-266013-17	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 – July 2025

Georgia Power Company – McIntosh LF3

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
266013-1	MCI-LF3-GWA-5	Boron		0.055	U	Blank detection
266013-1	MCI-LF3-GWA-5	Barium			J+	Blank detection
266013-1	MCI-GWA-2B	Boron			J+	Blank detection
266013-1	MCI-GWA-2B	Barium			J+	Blank detection
266013-1	MCI-GWA-4	Boron		0.032	U	Blank detection
266013-1	MCI-GWA-4	Barium			J+	Blank detection
266013-1	MCI-GWA-1B	Boron		0.047	U	Blank detection
266013-1	MCI-GWA-1B	Barium			J+	Blank detection
266013-1	MCI-GWA-3A	Boron			J+	Blank detection
266013-1	MCI-GWA-3A	Barium			J+	Blank detection
266013-1	MCI-GWA-7A	Boron			J+	Blank detection
266013-1	MCI-GWA-7A	Barium			J+	Blank detection
266013-1	MCI-GWC-5A	Barium			J+	Blank detection
266013-1	MCI-GWC-6A	Boron		0.040	U	Blank detection
266013-1	MCI-GWC-6A	Barium			J+	Blank detection
266013-1	MCI-LF3-FD-05	Boron		0.041	U	Blank detection
266013-1	MCI-LF3-FD-05	Barium			J+	Blank detection
266013-1	MCI-GWC-2	Boron			J+	Blank detection
266013-1	MCI-GWC-2	Barium			J+	Blank detection
266013-1	MCI-LF3-GWC-4A	Barium			J+	Blank detection
266013-1	MCI-GWC-1A	Boron			J+	Blank detection
266013-1	MCI-GWC-1A	Barium			J+	Blank detection
266013-1	MCI-LF3-FD-06	Boron			J+	Blank detection
266013-1	MCI-LF3-FD-06	Barium			J+	Blank detection
266013-1	MCI-GWC-2	Calcium			J+	Blank detection
266013-1	MCI-LF3-GWC-4A	Calcium			J+	Blank detection
266013-1	MCI-GWC-1A	Calcium			J+	Blank detection
266013-1	MCI-LF3-FD-06	Calcium			J+	Blank detection

Abbreviations:
MDC – Minimum Detectable Concentration
MS/MSD – Matrix Spike / Matrix Spike Duplicate
MDL – Method Detection Limit
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

TABLE 2 (continued)

Qualifier Summary Table – July 2025

Georgia Power Company – McIntosh LF3

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
266013-1	MCI-GWC-2	TDS			J+	Blank detection
266013-1	MCI-LF3-GWC-4A	TDS			J+	Blank detection
266013-1	MCI-GWC-1A	TDS			J+	Blank detection
266013-1	MCI-LF3-FD-06	TDS			J+	Blank detection
266013-1	MCI-GWA-2B	Sulfate			J	MS/MSD outside QC criteria
266013-1	MCI-LF3-FD-05	Fluoride			J	MSD outside QC criteria
266013-1	MCI-GWC-6A	Sulfate			J	Field DUP RPD outside criteria
266013-1	MCI-LF3-FD-05	Sulfate			J	Field DUP RPD outside criteria

Abbreviations:
MDC – Minimum Detectable Concentration
MS/MSD – Matrix Spike / Matrix Spike Duplicate
MDL – Method Detection Limit
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

Low-Flow Test Report:

Test Date / Time: 7/29/2025 12:10:04 PM
Project: Plant McIntosh LF3
Operator Name: C.Klamke

Location Name: GWA-1B **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.53 ft** **Total Depth: 58.53 ft** **Initial Depth to Water: 17 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 53 ft** **Estimated Total Volume Pumped: 6.2 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.23 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1235. Sunny 91 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	
7/29/2025 12:10 PM	00:00	5.516 pH	22.86 °C	49.10 µS/cm	0.472 mg/L	10.20 NTU	191.0 mV	17.00 ft	250.0 ml/min
7/29/2025 12:15 PM	05:00	5.437 pH	22.25 °C	47.90 µS/cm	0.355 mg/L	11.20 NTU	193.0 mV	17.21 ft	250.0 ml/min
7/29/2025 12:20 PM	10:00	5.393 pH	21.96 °C	49.41 µS/cm	0.328 mg/L	3.900 NTU	187.5 mV	17.22 ft	250.0 ml/min
7/29/2025 12:25 PM	15:00	5.354 pH	21.95 °C	49.95 µS/cm	0.345 mg/L	3.070 NTU	182.3 mV	17.23 ft	250.0 ml/min
7/29/2025 12:30 PM	20:00	5.317 pH	21.97 °C	50.17 µS/cm	0.297 mg/L	1.750 NTU	180.9 mV	17.23 ft	250.0 ml/min
7/29/2025 12:35 PM	25:00	5.317 pH	22.12 °C	50.59 µS/cm	0.263 mg/L	2.350 NTU	175.5 mV	17.23 ft	250.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/29/2025 10:15:06 AM
Project: Plant McIntosh LF3
Operator Name: C.Klamke

Location Name: GWA-2B **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 41.78 ft** **Total Depth: 51.78 ft** **Initial Depth to Water: 13.86 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 46 ft** **Estimated Total Volume Pumped: 4.3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 1.76 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sampled at 1050. Sunny 88 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	
7/29/2025 10:15 AM	00:00	5.649 pH	23.05 °C	159.0 µS/cm	0.648 mg/L	1.630 NTU	194.9 mV	13.86 ft	125.0 ml/min
7/29/2025 10:20 AM	05:00	5.486 pH	23.11 °C	170.6 µS/cm	0.415 mg/L	1.120 NTU	194.4 mV	14.98 ft	125.0 ml/min
7/29/2025 10:25 AM	10:00	5.322 pH	22.97 °C	181.0 µS/cm	0.329 mg/L	1.000 NTU	197.1 mV	15.20 ft	125.0 ml/min
7/29/2025 10:30 AM	15:00	5.126 pH	22.98 °C	197.6 µS/cm	0.293 mg/L	1.370 NTU	199.5 mV	15.34 ft	125.0 ml/min
7/29/2025 10:35 AM	20:00	5.044 pH	22.78 °C	203.1 µS/cm	0.266 mg/L	0.950 NTU	200.4 mV	15.49 ft	125.0 ml/min
7/29/2025 10:40 AM	25:00	4.983 pH	22.72 °C	206.8 µS/cm	0.236 mg/L	1.230 NTU	200.2 mV	15.54 ft	125.0 ml/min
7/29/2025 10:45 AM	30:00	4.925 pH	22.85 °C	209.3 µS/cm	0.216 mg/L	1.920 NTU	202.7 mV	15.59 ft	125.0 ml/min
7/29/2025 10:50 AM	35:00	4.889 pH	22.80 °C	211.4 µS/cm	0.215 mg/L	1.300 NTU	204.1 mV	15.62 ft	125.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/29/2025 1:06:16 PM
Project: Plant McIntosh LF3
Operator Name: Taylor Goble

Location Name: GWA-3A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.88 ft** **Total Depth: 33.88 ft** **Initial Depth to Water: 9.15 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 2.48 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sampled at 1336. Cloudy 91 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	
7/29/2025 1:06 PM	00:00	4.75 pH	27.58 °C	129.48 µS/cm	2.15 mg/L	3.52 NTU	272.0 mV	9.15 ft	150.00 ml/min
7/29/2025 1:11 PM	05:00	4.78 pH	23.69 °C	134.58 µS/cm	0.51 mg/L	2.88 NTU	263.2 mV	10.32 ft	150.00 ml/min
7/29/2025 1:16 PM	10:00	4.71 pH	23.91 °C	134.85 µS/cm	0.31 mg/L	1.78 NTU	267.3 mV	11.01 ft	150.00 ml/min
7/29/2025 1:21 PM	15:00	4.71 pH	23.44 °C	133.76 µS/cm	0.22 mg/L	2.86 NTU	268.5 mV	11.37 ft	150.00 ml/min
7/29/2025 1:26 PM	20:00	4.71 pH	23.30 °C	134.35 µS/cm	0.18 mg/L	3.71 NTU	269.5 mV	11.50 ft	150.00 ml/min
7/29/2025 1:31 PM	25:00	4.73 pH	23.60 °C	134.36 µS/cm	0.16 mg/L	2.80 NTU	268.8 mV	11.58 ft	150.00 ml/min
7/29/2025 1:36 PM	30:00	4.73 pH	23.08 °C	132.59 µS/cm	0.14 mg/L	2.23 NTU	272.5 mV	11.63 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/29/2025 10:54:48 AM
Project: Plant McIntosh LF3
Operator Name: Taylor Goble

Location Name: GWA-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 24.16 ft** **Total Depth: 29.16 ft** **Initial Depth to Water: 8.66 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 26 ft** **Estimated Total Volume Pumped: 5.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 4.17 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sampled at 1149. Sunny 89 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	
7/29/2025 10:54 AM	00:00	4.61 pH	26.41 °C	46.71 µS/cm	2.66 mg/L	6.25 NTU	279.3 mV	8.66 ft	100.00 ml/min
7/29/2025 10:59 AM	05:00	4.58 pH	24.74 °C	47.41 µS/cm	1.02 mg/L	5.26 NTU	294.4 mV	10.54 ft	100.00 ml/min
7/29/2025 11:04 AM	10:00	4.58 pH	24.87 °C	47.51 µS/cm	0.65 mg/L	4.76 NTU	303.5 mV	11.06 ft	100.00 ml/min
7/29/2025 11:09 AM	15:00	4.58 pH	25.24 °C	47.35 µS/cm	0.53 mg/L	4.26 NTU	310.9 mV	11.64 ft	100.00 ml/min
7/29/2025 11:14 AM	20:00	4.57 pH	25.15 °C	47.53 µS/cm	0.53 mg/L	3.93 NTU	316.5 mV	12.02 ft	100.00 ml/min
7/29/2025 11:19 AM	25:00	4.57 pH	25.45 °C	47.71 µS/cm	0.68 mg/L	3.88 NTU	319.3 mV	12.28 ft	100.00 ml/min
7/29/2025 11:24 AM	30:00	4.56 pH	25.73 °C	48.42 µS/cm	1.07 mg/L	4.11 NTU	323.5 mV	12.37 ft	100.00 ml/min
7/29/2025 11:29 AM	35:00	4.57 pH	25.81 °C	49.19 µS/cm	1.66 mg/L	4.05 NTU	327.2 mV	12.46 ft	100.00 ml/min
7/29/2025 11:34 AM	40:00	4.57 pH	26.42 °C	49.65 µS/cm	2.10 mg/L	3.87 NTU	330.4 mV	12.54 ft	100.00 ml/min
7/29/2025 11:39 AM	45:00	4.57 pH	26.29 °C	49.45 µS/cm	2.28 mg/L	4.22 NTU	333.2 mV	12.70 ft	100.00 ml/min
7/29/2025 11:44 AM	50:00	4.58 pH	26.18 °C	49.57 µS/cm	2.40 mg/L	4.44 NTU	334.7 mV	12.76 ft	100.00 ml/min
7/29/2025 11:49 AM	55:00	4.58 pH	26.50 °C	49.17 µS/cm	2.37 mg/L	4.13 NTU	336.5 mV	12.83 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/28/2025 4:34:07 PM
Project: Plant McIntosh LF3
Operator Name: Taylor Goble

Location Name: GWA-5 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 22.75 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 4.3 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Well purged dry at 1654. Sunny 98 degrees. Allowed overnight recharge. Log 1 of 2 Note: purge start time was 3:49 PM. Battery pack died, so had to swap and start this new log. Total purge was 9.0 L with initial purge. Well purged dry as it has done historically.

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	
7/28/2025 4:34 PM	00:00	4.79 pH	22.71 °C	92.14 µS/cm	2.24 mg/L	34.30 NTU	308.2 mV	22.75 ft	300.00 ml/min
7/28/2025 4:39 PM	05:00	4.80 pH	22.66 °C	93.84 µS/cm	1.82 mg/L	40.50 NTU	310.3 mV	23.98 ft	300.00 ml/min
7/28/2025 4:44 PM	10:00	4.84 pH	22.91 °C	93.70 µS/cm	1.43 mg/L	39.80 NTU	310.6 mV	25.11 ft	300.00 ml/min
7/28/2025 4:49 PM	15:00	4.80 pH	22.90 °C	94.78 µS/cm	1.28 mg/L	52.90 NTU	314.7 mV	25.87 ft	300.00 ml/min
7/28/2025 4:54 PM	20:00	4.82 pH	22.56 °C	94.71 µS/cm	1.40 mg/L	93.30 NTU	298.3 mV	27.05 ft	300.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/29/2025 9:25:24 AM
Project: Plant McIntosh LF3
Operator Name: Taylor Goble

Location Name: GWA-5 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23 ft** **Total Depth: 33 ft** **Initial Depth to Water: 7.56 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 28 ft** **Estimated Total Volume Pumped: 1.25 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 2.65 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sampled at 0950. Sunny 83 degrees. Well purged dry on 7-28-25. Log 2 of 2

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	
7/29/2025 9:25 AM	00:00	4.78 pH	23.75 °C	89.19 µS/cm	5.80 mg/L	16.10 NTU	190.4 mV	7.56 ft	50.00 ml/min
7/29/2025 9:30 AM	05:00	4.75 pH	24.40 °C	91.66 µS/cm	5.09 mg/L	12.90 NTU	180.8 mV	8.32 ft	50.00 ml/min
7/29/2025 9:35 AM	10:00	4.70 pH	24.75 °C	88.08 µS/cm	4.94 mg/L	10.20 NTU	220.4 mV	8.80 ft	50.00 ml/min
7/29/2025 9:40 AM	15:00	4.68 pH	23.96 °C	86.89 µS/cm	4.50 mg/L	9.91 NTU	244.1 mV	9.26 ft	50.00 ml/min
7/29/2025 9:45 AM	20:00	4.69 pH	23.52 °C	86.05 µS/cm	4.22 mg/L	9.48 NTU	260.5 mV	9.77 ft	50.00 ml/min
7/29/2025 9:50 AM	25:00	4.67 pH	23.78 °C	85.37 µS/cm	4.05 mg/L	9.57 NTU	274.9 mV	10.21 ft	50.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/29/2025 1:45:16 PM
Project: Plant McIntosh LF3
Operator Name: C.Klamke

Location Name: GWA-7A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 36.94 ft** **Total Depth: 46.94 ft** **Initial Depth to Water: 17.17 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 41 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.02 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1415. Cloudy 89 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	
7/29/2025 1:45 PM	00:00	5.473 pH	25.88 °C	143.8 µS/cm	4.285 mg/L	4.010 NTU	189.7 mV	17.17 ft	150.0 ml/min
7/29/2025 1:50 PM	05:00	5.349 pH	23.42 °C	159.5 µS/cm	1.868 mg/L	2.020 NTU	198.6 mV	17.96 ft	150.0 ml/min
7/29/2025 1:55 PM	10:00	5.184 pH	22.68 °C	182.5 µS/cm	1.094 mg/L	1.350 NTU	207.2 mV	18.09 ft	150.0 ml/min
7/29/2025 2:00 PM	15:00	5.087 pH	22.09 °C	191.3 µS/cm	0.801 mg/L	1.190 NTU	213.2 mV	18.16 ft	150.0 ml/min
7/29/2025 2:05 PM	20:00	5.021 pH	22.97 °C	195.3 µS/cm	0.672 mg/L	1.140 NTU	218.9 mV	18.17 ft	150.0 ml/min
7/29/2025 2:10 PM	25:00	4.974 pH	22.76 °C	197.9 µS/cm	0.514 mg/L	0.830 NTU	222.7 mV	18.17 ft	150.0 ml/min
7/29/2025 2:15 PM	30:00	4.989 pH	22.20 °C	192.3 µS/cm	0.531 mg/L	2.260 NTU	224.7 mV	18.19 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/30/2025 11:10:31 AM
Project: Plant McIntosh LF3
Operator Name: C.Klamke

Location Name: GWC-1A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.37 ft** **Total Depth: 47.37 ft** **Initial Depth to Water: 14.14 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 42 ft** **Estimated Total Volume Pumped: 3.7 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 9.7 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1135. Partly Cloudy 89 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	
7/30/2025 11:10 AM	00:00	4.577 pH	22.56 °C	93.71 µS/cm	0.419 mg/L	0.680 NTU	204.8 mV	14.14 ft	150.0 ml/min
7/30/2025 11:15 AM	05:00	4.550 pH	22.76 °C	93.73 µS/cm	0.367 mg/L	0.680 NTU	215.5 mV	14.91 ft	150.0 ml/min
7/30/2025 11:20 AM	10:00	4.507 pH	22.52 °C	92.95 µS/cm	0.316 mg/L	1.530 NTU	221.5 mV	14.93 ft	150.0 ml/min
7/30/2025 11:25 AM	15:00	4.466 pH	22.59 °C	92.37 µS/cm	0.275 mg/L	2.040 NTU	227.8 mV	14.95 ft	150.0 ml/min
7/30/2025 11:30 AM	20:00	4.442 pH	22.68 °C	91.85 µS/cm	0.265 mg/L	0.980 NTU	226.2 mV	14.95 ft	150.0 ml/min
7/30/2025 11:35 AM	25:00	4.414 pH	22.81 °C	91.84 µS/cm	0.252 mg/L	0.870 NTU	221.6 mV	14.95 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/30/2025 8:50:49 AM
Project: Plant McIntosh LF3
Operator Name: C.Klamke

Location Name: GWC-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 9.3 ft** **Top of Screen: 27.49 ft** **Total Depth: 36.79 ft** **Initial Depth to Water: 11.68 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 34.29 ft** **Estimated Total Volume Pumped: 11 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.5 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 0945. Partly Cloudy 84 degrees. FD-06 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	
7/30/2025 8:50 AM	00:00	5.710 pH	24.88 °C	106.3 µS/cm	5.444 mg/L	1.480 NTU	184.4 mV	11.68 ft	200.0 ml/min
7/30/2025 8:55 AM	05:00	5.618 pH	23.01 °C	85.48 µS/cm	0.542 mg/L	1.220 NTU	186.9 mV	11.78 ft	200.0 ml/min
7/30/2025 9:00 AM	10:00	5.581 pH	23.02 °C	85.06 µS/cm	0.462 mg/L	1.050 NTU	190.8 mV	11.78 ft	200.0 ml/min
7/30/2025 9:05 AM	15:00	5.513 pH	22.65 °C	82.62 µS/cm	0.405 mg/L	0.790 NTU	196.8 mV	11.78 ft	200.0 ml/min
7/30/2025 9:10 AM	20:00	5.402 pH	22.51 °C	77.74 µS/cm	0.341 mg/L	0.890 NTU	199.9 mV	11.78 ft	200.0 ml/min
7/30/2025 9:15 AM	25:00	5.272 pH	22.55 °C	72.90 µS/cm	0.281 mg/L	0.820 NTU	198.2 mV	11.79 ft	200.0 ml/min
7/30/2025 9:20 AM	30:00	5.180 pH	22.52 °C	70.40 µS/cm	0.255 mg/L	0.660 NTU	199.2 mV	11.80 ft	200.0 ml/min
7/30/2025 9:25 AM	35:00	5.134 pH	22.40 °C	68.22 µS/cm	0.236 mg/L	0.650 NTU	199.7 mV	11.80 ft	200.0 ml/min
7/30/2025 9:30 AM	40:00	5.078 pH	22.39 °C	66.80 µS/cm	0.213 mg/L	0.680 NTU	200.5 mV	11.81 ft	200.0 ml/min
7/30/2025 9:35 AM	45:00	5.015 pH	22.22 °C	65.82 µS/cm	0.198 mg/L	0.930 NTU	201.3 mV	11.81 ft	200.0 ml/min
7/30/2025 9:40 AM	50:00	5.002 pH	22.46 °C	63.49 µS/cm	0.174 mg/L	0.670 NTU	201.5 mV	11.81 ft	200.0 ml/min
7/30/2025 9:45 AM	55:00	4.999 pH	22.57 °C	64.49 µS/cm	0.163 mg/L	0.820 NTU	201.4 mV	11.81 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/30/2025 8:46:10 AM
Project: Plant McIntosh LF3
Operator Name: Taylor Goble

Location Name: GWC-4A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 26.96 ft** **Total Depth: 36.96 ft** **Initial Depth to Water: 13.84 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 32 ft** **Estimated Total Volume Pumped: 12.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.05 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sampled at 1011. Sunny 84 degrees. FB-10 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	
7/30/2025 8:46 AM	00:00	4.84 pH	23.72 °C	107.20 µS/cm	0.85 mg/L	117.00 NTU	142.4 mV	13.84 ft	150.00 ml/min
7/30/2025 8:51 AM	05:00	4.83 pH	23.25 °C	107.34 µS/cm	0.32 mg/L	46.10 NTU	129.3 mV	14.70 ft	150.00 ml/min
7/30/2025 8:56 AM	10:00	4.80 pH	23.35 °C	107.42 µS/cm	0.20 mg/L	22.30 NTU	131.4 mV	14.79 ft	150.00 ml/min
7/30/2025 9:01 AM	15:00	4.82 pH	23.34 °C	107.43 µS/cm	0.16 mg/L	14.70 NTU	134.0 mV	14.83 ft	150.00 ml/min
7/30/2025 9:06 AM	20:00	4.82 pH	23.04 °C	106.85 µS/cm	0.14 mg/L	7.51 NTU	135.2 mV	14.87 ft	150.00 ml/min
7/30/2025 9:11 AM	25:00	4.74 pH	23.16 °C	104.42 µS/cm	0.13 mg/L	5.65 NTU	142.4 mV	14.89 ft	150.00 ml/min
7/30/2025 9:16 AM	30:00	4.79 pH	23.19 °C	100.47 µS/cm	0.13 mg/L	4.51 NTU	149.0 mV	14.89 ft	150.00 ml/min
7/30/2025 9:21 AM	35:00	4.81 pH	22.94 °C	97.03 µS/cm	0.12 mg/L	3.21 NTU	152.7 mV	14.89 ft	150.00 ml/min
7/30/2025 9:26 AM	40:00	4.87 pH	23.20 °C	94.73 µS/cm	0.12 mg/L	2.59 NTU	157.2 mV	14.89 ft	150.00 ml/min
7/30/2025 9:31 AM	45:00	4.89 pH	23.02 °C	92.28 µS/cm	0.12 mg/L	2.41 NTU	161.0 mV	14.89 ft	150.00 ml/min
7/30/2025 9:36 AM	50:00	4.72 pH	22.95 °C	90.47 µS/cm	0.12 mg/L	2.33 NTU	164.1 mV	14.89 ft	150.00 ml/min
7/30/2025 9:41 AM	55:00	4.72 pH	23.17 °C	86.00 µS/cm	0.11 mg/L	2.22 NTU	168.8 mV	14.89 ft	150.00 ml/min
7/30/2025 9:46 AM	01:00:00	4.83 pH	23.24 °C	84.19 µS/cm	0.11 mg/L	2.76 NTU	170.5 mV	14.89 ft	150.00 ml/min
7/30/2025 9:51 AM	01:05:00	4.73 pH	23.03 °C	83.18 µS/cm	0.11 mg/L	3.22 NTU	172.6 mV	14.89 ft	150.00 ml/min
7/30/2025 9:56 AM	01:10:00	4.96 pH	23.11 °C	80.86 µS/cm	0.11 mg/L	1.63 NTU	176.1 mV	14.89 ft	150.00 ml/min

7/30/2025 10:01 AM	01:15:00	4.76 pH	22.86 °C	79.99 µS/cm	0.10 mg/L	2.13 NTU	179.4 mV	14.89 ft	150.00 ml/min
7/30/2025 10:06 AM	01:20:00	4.84 pH	23.78 °C	80.25 µS/cm	0.12 mg/L	2.35 NTU	177.9 mV	14.89 ft	150.00 ml/min
7/30/2025 10:11 AM	01:25:00	4.84 pH	23.87 °C	77.71 µS/cm	0.13 mg/L	2.05 NTU	179.0 mV	14.89 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/29/2025 3:22:14 PM
Project: Plant McIntosh LF3
Operator Name: Taylor Goble

Location Name: GWC-5A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.6 ft** **Total Depth: 42.6 ft** **Initial Depth to Water: 15.45 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 3.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.51 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sampled at 1547. Cloudy 87 degrees. FB-09 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	
7/29/2025 3:22 PM	00:00	4.90 pH	24.32 °C	54.21 µS/cm	2.28 mg/L	1.32 NTU	306.2 mV	15.45 ft	150.00 ml/min
7/29/2025 3:27 PM	05:00	4.92 pH	22.87 °C	55.10 µS/cm	0.51 mg/L	1.75 NTU	319.0 mV	15.91 ft	150.00 ml/min
7/29/2025 3:32 PM	10:00	4.88 pH	22.42 °C	55.02 µS/cm	0.30 mg/L	1.98 NTU	325.9 mV	15.96 ft	150.00 ml/min
7/29/2025 3:37 PM	15:00	4.84 pH	22.18 °C	55.05 µS/cm	0.20 mg/L	1.66 NTU	329.7 mV	15.96 ft	150.00 ml/min
7/29/2025 3:42 PM	20:00	4.86 pH	22.71 °C	55.06 µS/cm	0.17 mg/L	1.56 NTU	332.1 mV	15.96 ft	150.00 ml/min
7/29/2025 3:47 PM	25:00	4.85 pH	22.22 °C	54.91 µS/cm	0.16 mg/L	1.33 NTU	333.9 mV	15.96 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/29/2025 3:35:12 PM
Project: Plant McIntosh LF3
Operator Name: C.Klamke

Location Name: GWC-6A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.43 ft** **Total Depth: 42.43 ft** **Initial Depth to Water: 16.56 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: 0.77 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1600. Cloudy 87 degrees. FD-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	
7/29/2025 3:35 PM	00:00	5.341 pH	22.17 °C	68.31 µS/cm	1.104 mg/L	1.530 NTU	205.0 mV	16.56 ft	200.0 ml/min
7/29/2025 3:40 PM	05:00	5.297 pH	21.67 °C	68.98 µS/cm	0.365 mg/L	1.320 NTU	208.6 mV	17.25 ft	200.0 ml/min
7/29/2025 3:45 PM	10:00	5.263 pH	21.52 °C	68.80 µS/cm	0.297 mg/L	1.040 NTU	212.8 mV	17.29 ft	200.0 ml/min
7/29/2025 3:50 PM	15:00	5.217 pH	21.53 °C	68.42 µS/cm	0.269 mg/L	1.040 NTU	217.1 mV	17.31 ft	200.0 ml/min
7/29/2025 3:55 PM	20:00	5.172 pH	21.31 °C	67.95 µS/cm	0.249 mg/L	1.050 NTU	221.4 mV	17.33 ft	200.0 ml/min
7/29/2025 4:00 PM	25:00	5.129 pH	21.21 °C	67.61 µS/cm	0.237 mg/L	0.960 NTU	222.2 mV	17.33 ft	200.0 ml/min

Samples

Sample ID:	Description:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant McIntosh LF3 Date: 7-28-2025

Calibrated By: T. Gable Field Conditions: Sunny 97°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235093
Turbidity Meter	HACH 2000Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	PINE
pH (SU)	4.00	5GA0865	1/27	|
pH (SU)	7.00	4GL1064	12/26	|
pH (SU)	10.00	4GG1192	7/26	|
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	|
ORP (mV)	240.0	5GE0627	2/26	|

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	—	—	New DI
	10	A4172	9/25	PINE
	20	A4183	10/25	|
	100	A4179	10/25	|

Calibration

Time Start: 1500 **Time Finish:** 1525

Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	98.84 [3.95]	[36.27] 35.75	± 10%	EPA 2023
pH (SU)	4.00	~~5GA0865~~	~~1/27~~	± 0.1	GWMP
pH (SU)	7.00	7.02	35.88	± 0.1	GWMP
pH (SU)	10.00	10.05	36.13	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1427	35.27	± 10% of standard	NA
ORP (mV)	240.0	227.6	35.77	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.28	± 10% of standard	EPA 2023
	10	9.79		
	20	20.6		
	100	99.8		

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: McIntosh LF3 Date: 7-29-2025

Calibrated By: T. Goble Field Conditions: Sunny 81°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235093
Turbidity Meter	HACH 2100Q	210800000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	Sponge
pH (SU)	4.00	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1D64	12/26	|
pH (SU)	10.00	4GG1192	7/26	|
Specific Conductance (µS/cm)	1,413	5GA0304	1/26	|
ORP (mV)	240.0	5GE0627	2/26	|

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	—	—	New DI
	10	A4172	9/25	PINE
	20	A4183	10/25	|
	100	A4179	10/25	|

Calibration					
Time Start: 0830		**Time Finish:** 0855			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.90	28.33	± 10%	EPA 2023
pH (SU)	4.00	4.00	26.66	± 0.1	GWMP
pH (SU)	7.00	7.00	27.30	± 0.1	GWMP
pH (SU)	10.00	10.00	27.52	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1450	26.37	± 10% of standard	NA
ORP (mV)	240.0	226.6	26.82	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.33	± 10% of standard	EPA 2023
	10	10.3		
	20	21.8		
	100	104		

Calibration Check					
Time Start 1245		**Time Finish** 1300			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.04	28.32	± 0.1	GWMP
pH (SU)	7.00	7.02	24.55	± 0.1	GWMP
pH (SU)	10.00	10.02	28.61	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1422	28.67	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.27	± 10% of standard	EPA 2023
	10	10.5		
	20	20.5		
	100	104		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: McIntosh LF3 Date: 7/29/25

Calibrated By: C. Blanke Field Conditions: Sunny, 80's

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread 11/500	1183990
Turbidity Meter	Hach / 2100 Q	24010D000439

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0865	1/27	Pine
pH (SU)	7.00	4GL1064	12/26	Pine
pH (SU)	10.00	4GG1192	7/26	Pine
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	Pine
ORP (mV)	240.0	5GE0627	2/26	Pine

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	NEW DI	—	—
	10	A4172	~~7/25~~ 9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0830		Time Finish: 0900			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	98.07	26.65	± 10%	EPA 2023
pH (SU)	4.00	4.00	26.75	± 0.1	GWMP
pH (SU)	7.00	7.00	26.73	± 0.1	GWMP
pH (SU)	10.00	10.00	26.73	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	26.69	± 10% of standard	NA
ORP (mV)	240.0	226.7	26.70	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.10	± 10% of standard	EPA 2023
	10	10.1		
	20	20.3		
	100	100		

Calibration Check					
Time Start 1314		Time Finish 1327			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.04	26.70	± 0.1	GWMP
pH (SU)	7.00	6.99	26.75	± 0.1	GWMP
pH (SU)	10.00	10.03	26.72	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1416	26.70	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.10	± 10% of standard	EPA 2023
	10	10.1		
	20	20.4		
	100	99.8		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: McIntosh LF3/Gramm Date: 7/30/25

Calibrated By: C. Klumpe Field Conditions: Cloudy, 78°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 1/500	1183990
Turbidity Meter	Hach/2100a	24010000439

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0465	1127	Pine
pH (SU)	7.00	4GL1064	12/26	Pine
pH (SU)	10.00	4GG1192	7/26	Pine
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	Pine
ORP (mV)	240.0	5GE0627	2/26	Pine

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	NEW DI	—	—
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0750		**Time Finish:** 0815			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	102.5	25.98	± 10%	EPA 2023
pH (SU)	4.00	4.00	26.40	± 0.1	GWMP
pH (SU)	7.00	7.00	26.53	± 0.1	GWMP
pH (SU)	10.00	10.00	26.33	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	26.45	± 10% of standard	NA
ORP (mV)	240.0	227.4	26.29	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.16	± 10% of standard	EPA 2023
	10	10.4		
	20	20.4		
	100	100		

Calibration Check					
Time Start 1454		**Time Finish** 1506			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	3.99	30.26	± 0.1	GWMP
pH (SU)	7.00	7.00	29.12	± 0.1	GWMP
pH (SU)	10.00	9.96	29.70	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1438	29.65	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.13	± 10% of standard	EPA 2023
	10	10.3		
	20	20.4		
	100	99.9		

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: McIntosh LF3/Grumman Date: 7-30-2025

Calibrated By: T. Goble Field Conditions: Cloudy 78°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235093
Turbidity Meter	HACH 2000Q	22080C00803

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	~~5GA0965~~	—	Sparge
pH (SU)	4.00	~~4GL1064~~	~~5GA0965~~ 1/27	PZNE
pH (SU)	7.00	~~4GG1192~~	4GL1064 12/26	|
pH (SU)	10.00	~~5GA0306~~	4GG1192 7/26	|
Specific Conductance (µS/cm)	1,413	5GA0306	1/26	|
ORP (mV)	240.0	5GE0627	2/26	|

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	—	—	New DI
	10	A4172	9/25	PZNE
	20	A4183	10/25	|
	100	A4179	10/25	|

Calibration					
Time Start: 0750		Time Finish: 0810			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.86	26.63	± 10%	EPA 2023
pH (SU)	4.00	4.00	27.10	± 0.1	GWMP
pH (SU)	7.00	7.00	26.70	± 0.1	GWMP
pH (SU)	10.00	10.00	26.72	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1455	26.55	± 10% of standard	NA
ORP (mV)	240.0	226.3	26.92	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.35	± 10% of standard	EPA 2023
	10	10.2		
	20	21.3		
	100	108		

Calibration Check					
Time Start 1315		Time Finish 1330			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.03	29.12	± 0.1	GWMP
pH (SU)	7.00	7.06	28.77	± 0.1	GWMP
pH (SU)	10.00	10.06	28.61	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1427	28.53	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.1		
	20	20.3		
	100	102		

Well Inspection

Site Name: Plant Mcintosh LF3

Date: 7/28/2025

Permit Number: 051-008D(CCR)

Field Conditions: 98 °F

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWA-1B	Yes	Yes	No	Yes
GWA-2B	Yes	Yes	No	Yes
GWA-3A	Yes	Yes	No	Yes
GWA-4	Yes	Yes	No	Yes
GWA-5	Yes	Yes	No	Yes
GWA-7A	Yes	Yes	No	Yes
GWC-1A	Yes	Yes	No	Yes
GWC-2	Yes	Yes	No	Yes
GWC-4A	Yes	Yes	No	Yes
GWC-5A	Yes	Yes	No	Yes
GWC-6A	Yes	Yes	No	Yes
PZ-1	Yes	Yes	No	Yes
PZ-2	Yes	Yes	No	Yes
PZ-3	Yes	Yes	No	Yes
PZ-4	Yes	Yes	No	Yes
PZ-5	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Mcintosh LF3

Date: 7/28/2025

Permit Number: 051-008D(CCR)

Field Conditions: 98 °F

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-1B	Yes	Yes	Yes	Yes	Yes
GWA-2B	Yes	Yes	Yes	Yes	Yes
GWA-3A	Yes	Yes	Yes	Yes	Yes
GWA-4	Yes	Yes	Yes	Yes	Yes
GWA-5	Yes	Yes	Yes	Yes	Yes
GWA-7A	Yes	Yes	Yes	Yes	Yes
GWC-1A	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes
GWC-4A	Yes	Yes	Yes	Yes	Yes
GWC-5A	Yes	Yes	Yes	Yes	Yes
GWC-6A	Yes	Yes	Yes	Yes	Yes
PZ-1	Yes	Yes	Yes	Yes	Yes
PZ-2	Yes	Yes	Yes	Yes	Yes
PZ-3	Yes	Yes	Yes	Yes	Yes
PZ-4	Yes	Yes	Yes	Yes	Yes
PZ-5	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mcintosh LF3

Date: 7/28/2025

Permit Number: 051-008D(CCR)

Field Conditions: 98 °F

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWA-1B	Yes	Yes	Yes	Yes	Yes	Yes
GWA-2B	Yes	Yes	Yes	Yes	Yes	Yes
GWA-3A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-4	Yes	Yes	Yes	Yes	Yes	Yes
GWA-5	Yes	Yes	Yes	Yes	Yes	Yes
GWA-7A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-1A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes	Yes
GWC-4A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6A	Yes	Yes	Yes	Yes	Yes	Yes
PZ-1	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3	Yes	Yes	Yes	Yes	Yes	Yes
PZ-4	Yes	Yes	Yes	Yes	Yes	Yes
PZ-5	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mcintosh LF3

Date: 7/28/2025

Permit Number: 051-008D(CCR)

Field Conditions: 98 °F

Well ID:	Corrective actions as needed, by date:
GWA-1B	
GWA-2B	
GWA-3A	
GWA-4	
GWA-5	
GWA-7A	
GWC-1A	
GWC-2	
GWC-4A	
GWC-5A	
GWC-6A	
PZ-1	
PZ-2	
PZ-3	
PZ-4	
PZ-5	

APPENDIX B

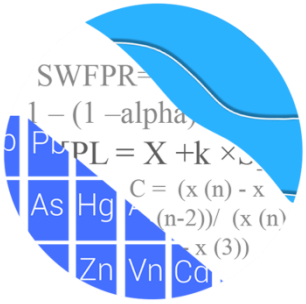
STATISTICAL ANALYSIS REPORTS

APPENDIX B

Statistical Analysis Report
July 2025 Monitoring Event

GROUNDWATER STATS CONSULTING

February 27, 2026



Southern Company Services
Attn: Kevin Stephenson, P.G.
241 Ralph McGill Blvd NE, Bin 10060
Atlanta, Georgia 30308

Re: Plant McIntosh Landfill #3
Statistical Analysis – July 2025 Semi-Annual Sample Event

Dear Mr. Stephenson,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the statistical analysis of the July 2025 semi-annual sample event for Georgia Power Company's Plant McIntosh Landfill #3. 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 at the majority of wells began for the CCR program in 2016, and for the state program in accordance with the Georgia EPD's Solid Waste Permit in 1999. Semi-annual sampling for select constituents has been performed for several years in accordance with the Georgia Department of Natural Resources, Environmental Protection Division groundwater monitoring regulations; and all available data from upgradient wells are screened in this report.

The current monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-1B, GWA-2B, GWA-3A, GWA-4, GWA-5, and GWA-7A
- **Downgradient wells:** GWC-1A, GWC-2, GWC-4A, GWC-5A, and GWC-6A

Previously, the monitoring well network included upgradient well GWA-1A and downgradient wells GWC-1, GWC-5, and GWC-6. However, these wells were recently

abandoned and replacement upgradient well GWA-1B and downgradient wells GWC-1A, GWC-5A, and GWC-6A were installed. While abandoned downgradient wells GWC-1, GWC-5, and GWC-6 are not included in the analysis, data from upgradient well GWA-1A continue to be included in construction of interwell prediction limits since the data represent historical groundwater quality upgradient of the facility.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician of Groundwater Stats Consulting.

The analysis is prepared according to the recommended interwell statistical methodology as presented in the USEPA Unified Guidance. The original screening was conducted in Fall 2019 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. During the initial screening both intrawell and interwell statistical methods were recommended. However, further studies conducted by Southern Company Services of waste placement with respect to when groundwater monitoring began suggested interwell methods for all constituents should be used as the primary statistical method.

The following constituents were evaluated in this report:

- **CCR Appendix III -** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I -** barium, beryllium, chromium, cobalt, copper, lead, 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 downgradient Appendix I well/constituent pairs containing 100% non-detects follows this letter.

Due to varying detection limits in background data sets as a result of improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects.

Time series plots for reported CCR Appendix III and Georgia EPD Appendix I constituents are provided for all 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 both within individual wells and between all wells.

Data at all wells were evaluated during the initial background screening in 2019, as described below, for the following: 1) outliers; 2) trends; 3) most appropriate statistical method for constituents based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Because groundwater sampling began after waste was placed, interwell prediction limits were determined to be the most appropriate statistical method. Power curves were provided during previous analyses and demonstrated that the interwell methods for all constituents comply with the USEPA Unified Guidance recommendations as discussed below. 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 statistical methods:

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan
- # Constituents: 7
- # Downgradient wells: 5

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan
- # Constituents: 8
- # Downgradient wells: 5

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. 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 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 will be necessary to accommodate these types of changes. In the interwell case, newer data are included during each sample event after screening for new outliers in upgradient wells. In some cases, the earlier portion of data may require deselection prior to construction of limits in order 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, and a summary of any truncated records will be provided.

Summary of Initial Background Screening (2019) – All Constituents

Outlier Analysis

The original background screening for the CCR and Georgia EPD state programs was conducted in 2019, and the results were submitted at that time. Several values were identified and flagged as outliers in both upgradient and downgradient wells for all constituents. Suspected outliers at upgradient wells for all constituents were formally tested using Tukey's box plot method and, when confirmed, flagged in the computer database with "o" and deselected prior to construction of statistical limits.

When suspected outliers were evaluated using the Tukey box plot method, several outliers were identified. As a general rule, when the most recent values are identified as outliers, values are not flagged in the database (except in cases where statistical limits would 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. Note that for some well/constituent pairs, the test identified multiple outliers. However, in many of those cases, only the highest value(s) were flagged as outliers as the remaining values were similar to other measurements within the same well or neighboring wells. In other cases, the test did not identify an outlier; however, the highest measurement(s) did

not appear to represent the population and were flagged as outliers in the database to establish limits that are conservative from a regulatory perspective.

Seasonality

No 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

Time series plots were also used to identify any visually trending patterns in upgradient well data. None were observed except for increasing low-level concentrations of chloride in upgradient well GWA-3A. However, because the more recent observations were similar to those historically reported in upgradient well GWA-5, no adjustments were required at the time of the screening.

In the future, if statistically significant increasing or decreasing trends are identified in the pooled upgradient well data, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant trends are present, earlier data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. A list of the adjusted background date ranges will be provided if this step is required in future analyses.

Summary of Background Update – Spring 2025

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values, that would result in limits that are not representative of the current background data population. Suspected outliers at upgradient wells for Appendix I and III parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. When the most recent value is identified as an outlier, values are often not flagged in the database at this time as the measurements may represent a possible future trend. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected.

For Appendix III parameters, Tukey's outlier test on pooled upgradient well data for boron, calcium, chloride, fluoride, pH, sulfate, and TDS identified values for all Appendix III parameters. Previously flagged values were confirmed by Tukey's outlier test and visual screening during the update. Any values identified by Tukey's test for Appendix III parameters, but not flagged in the database, would not greatly reduce variation within the record if flagged. No additional values were identified as spurious for Appendix III parameters among upgradient wells; therefore, no additional values were flagged during the update.

For Appendix I parameters, Tukey's outlier test on pooled upgradient well data for barium, beryllium, chromium, cobalt, copper, lead, vanadium, and zinc identified outliers for barium and zinc. The majority of previously flagged values were confirmed by Tukey's outlier test and visual screening; however, a previously flagged value for barium at upgradient well GWA-5 was unflagged since observations of similar magnitude are present in the more recent concentrations. Additionally, as a result of the data received from the EQUIS database, some of the reported measurements in upgradient wells for cobalt were different from those historically used in the Sanitas database. The measurements of 0.01 mg/L for cobalt in upgradient well GWA-5 provided by the EQUIS database were flagged as outliers during the update since the measurements occurred early in the record and are higher than the remaining measurements among upgradient wells for cobalt. Any values identified by Tukey's test for barium and zinc, but not flagged in the database, would not greatly reduce variation within the record if flagged. No additional values were identified as spurious for Appendix I parameters among upgradient wells; therefore, no additional values were flagged.

Upgradient Well Trend Test Evaluation

The Sen's Slope/Mann-Kendall trend test was performed to evaluate whether statistically significant trends were present among upgradient wells at the 99% confidence level. While statically significant trends were identified in at least one upgradient well for calcium, chloride, pH, sulfate, and TDS, truncation of the records with statistically significant trends was not required as the individual trends relative to pooled upgradient well data would not impact resulting statistical limits. It was noted that low-level concentrations in upgradient well GWA-3A have steadily increased since 2016 for calcium, chloride, and TDS. These measurements will continue to be evaluated and, as mentioned above, earlier portions of the record may require truncation if concentrations no longer represent groundwater quality upgradient of the site.

Regarding Appendix I parameters, while significant trends were identified for barium, beryllium, cobalt, and lead, some of the significant trends for these constituents had a

slope of zero, which represents the median of all pairwise slopes, due to high concentrations of non-detects. It was noted that concentrations in upgradient well GWA-3A have steadily increased since 2016 for barium and cobalt. Truncation of any records was not required as the individual trends relative to pooled upgradient well data would not impact resulting statistical limits. Therefore, no adjustments were required.

Statistical Analysis of CCR Appendix III Parameters – July 2025

Outlier Analysis

During this analysis, only upgradient well data through July 2025 were re-evaluated with time series graphs for new outliers, or extreme values in background, that would result in limits that are not conservative from a regulatory perspective, prior to construction of interwell prediction limits. Values flagged in downgradient wells from previous analyses remain flagged for being several standard deviations above remaining concentrations within each respective well/constituent pair but have no impact on calculations of interwell prediction limits. No additional values were flagged as outliers during this analysis.

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 list of all flagged values follows this letter (Figure C).

Interwell Prediction Limits

For all Appendix III parameters, interwell prediction limits combined with a 1-of-2 resample plan were constructed using all upgradient historical data through July 2025 (Figure D). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The most recent sample from each downgradient well is compared to the background limit to determine whether apparent 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. Summary tables of the Appendix III prediction limits follow this

letter. No exceedances were noted for Appendix III parameters; therefore, no further action was required.

Trend Test Evaluation – Prediction Limit Exceedances

While this step was not required during this analysis as a result of no prediction limit exceedances, when data from downgradient well/constituent pairs are found to exceed their respective prediction limit, data will be further evaluated using the Sen's Slope/Mann Kendall trend test along with upgradient wells for the same constituents. Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of variability in groundwater unrelated to practices at the site.

Statistical Analysis of Georgia EPD Appendix I Parameters – July 2025

Outlier Analysis

As mentioned above, only upgradient well data through July 2025 were re-evaluated through time series graphs for new outliers, or extreme values in background that would result in limits that are not conservative from a regulatory perspective, prior to construction of interwell prediction limits. Values flagged in downgradient wells from previous analyses remain flagged since the measurements were several standard deviations above remaining concentrations within each respective well/constituent pair but have no impact on calculations of interwell prediction limits. No additional values were flagged as outliers during this analysis.

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data from upgradient wells through July 2025 (Figure E). As previously discussed, no statistical analyses were included for downgradient well/constituent pairs containing 100% non-detects. A summary table of the prediction limits along with the complete prediction limits results follows this letter. No exceedances were noted for any of the Appendix I parameters.

Trend Test Evaluation – Prediction Limit Exceedances

As mentioned above, data from downgradient well/constituent pairs found to exceed their respective prediction limit are further evaluated using the Sen's Slope/Mann Kendall

trend test along with upgradient wells for the same constituents. Upgradient wells are included in the trend analyses for all parameters with prediction limit exceedances in downgradient wells. Since no prediction limit exceedances were noted for any of the Appendix I constituents, no trend analyses were required.

Summary

Observations among downgradient wells from the July 2025 sample event were compared to established interwell prediction limits using pooled upgradient well data for Appendix I & III constituents, and no exceedances were identified.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for McIntosh Landfill #3. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Andrew T. Collins
Project Manager

Kristina M. Rayner
Senior Statistician

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Summary Tables

100% Non-Detects: Appendix I Downgradient

Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Copper (mg/L)
GWC-5A, GWC-6A

Lead (mg/L)
GWC-4A

Vanadium (mg/L)
GWC-5A, GWC-6A

Appendix III Interwell Prediction Limits - All Results (No Significant)

Plant McIntosh Client: Southern Company Data: McIntosh LF 3 Printed 9/29/2025, 3:51 PM

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-1A	1.9	n/a	7/30/2025	1.2	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-2	1.9	n/a	7/30/2025	0.11	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-4A	1.9	n/a	7/30/2025	0.08ND	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-5A	1.9	n/a	7/29/2025	0.08ND	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-6A	1.9	n/a	7/29/2025	0.04J	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-1A	20	n/a	7/30/2025	2.4	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-2	20	n/a	7/30/2025	3.4	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4A	20	n/a	7/30/2025	0.48	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-5A	20	n/a	7/29/2025	1.4	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6A	20	n/a	7/29/2025	2.8	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1A	37	n/a	7/30/2025	16	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-2	37	n/a	7/30/2025	4.7	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4A	37	n/a	7/30/2025	16	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-5A	37	n/a	7/29/2025	11	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-6A	37	n/a	7/29/2025	11	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1A	0.51	n/a	7/30/2025	0.12J	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.51	n/a	7/30/2025	0.2ND	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-4A	0.51	n/a	7/30/2025	0.2ND	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5A	0.51	n/a	7/29/2025	0.14J	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-6A	0.51	n/a	7/29/2025	0.12J	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
pH, Field (SU)	GWC-1A	5.89	4.092	7/30/2025	4.41	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
pH, Field (SU)	GWC-2	5.89	4.092	7/30/2025	5	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
pH, Field (SU)	GWC-4A	5.89	4.092	7/30/2025	4.84	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
pH, Field (SU)	GWC-5A	5.89	4.092	7/29/2025	4.85	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
pH, Field (SU)	GWC-6A	5.89	4.092	7/29/2025	5.13	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
Sulfate (mg/L)	GWC-1A	110	n/a	7/30/2025	1ND	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-2	110	n/a	7/30/2025	5.5	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-4A	110	n/a	7/30/2025	1.4	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-5A	110	n/a	7/29/2025	1ND	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-6A	110	n/a	7/29/2025	1.8	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-1A	169.5	n/a	7/30/2025	69	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2
TDS (mg/L)	GWC-2	169.5	n/a	7/30/2025	56	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2
TDS (mg/L)	GWC-4A	169.5	n/a	7/30/2025	50	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2
TDS (mg/L)	GWC-5A	169.5	n/a	7/29/2025	40	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2
TDS (mg/L)	GWC-6A	169.5	n/a	7/29/2025	78	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2

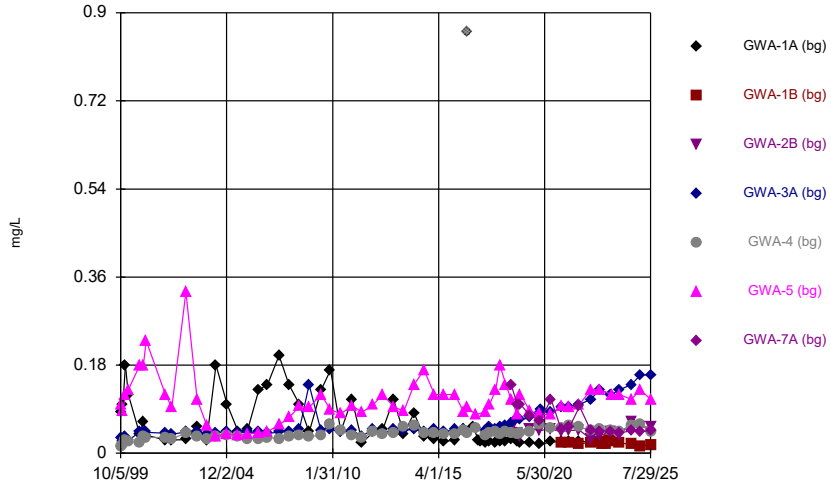
Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant McIntosh Client: Southern Company Data: McIntosh LF 3 Printed 9/29/2025, 4:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-1A	0.33	n/a	7/30/2025	0.28	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-2	0.33	n/a	7/30/2025	0.078	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-4A	0.33	n/a	7/30/2025	0.043	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-5A	0.33	n/a	7/29/2025	0.13	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-6A	0.33	n/a	7/29/2025	0.092	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Beryllium (mg/L)	GWC-1A	0.0036	n/a	7/30/2025	0.00038J	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-2	0.0036	n/a	7/30/2025	0.00023J	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-4A	0.0036	n/a	7/30/2025	0.001ND	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-5A	0.0036	n/a	7/29/2025	0.00037J	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-6A	0.0036	n/a	7/29/2025	0.0003J	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-1A	0.032	n/a	7/30/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-2	0.032	n/a	7/30/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-4A	0.032	n/a	7/30/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-5A	0.032	n/a	7/29/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-6A	0.032	n/a	7/29/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	GWC-1A	0.0072	n/a	7/30/2025	0.0045J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GWC-2	0.0072	n/a	7/30/2025	0.0014J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GWC-4A	0.0072	n/a	7/30/2025	0.00041J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GWC-5A	0.0072	n/a	7/29/2025	0.0033J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GWC-6A	0.0072	n/a	7/29/2025	0.00094J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Copper (mg/L)	GWC-1A	0.008	n/a	7/30/2025	0.00084J	No	259	n/a	n/a	76.06	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.008	n/a	7/30/2025	0.002ND	No	259	n/a	n/a	76.06	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-4A	0.008	n/a	7/30/2025	0.002ND	No	259	n/a	n/a	76.06	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-1A	0.016	n/a	7/30/2025	0.001ND	No	280	n/a	n/a	78.93	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.016	n/a	7/30/2025	0.001ND	No	280	n/a	n/a	78.93	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-5A	0.016	n/a	7/29/2025	0.001ND	No	280	n/a	n/a	78.93	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-6A	0.016	n/a	7/29/2025	0.001ND	No	280	n/a	n/a	78.93	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-1A	0.03	n/a	7/30/2025	0.005ND	No	260	n/a	n/a	72.69	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-2	0.03	n/a	7/30/2025	0.005ND	No	260	n/a	n/a	72.69	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-4A	0.03	n/a	7/30/2025	0.005ND	No	260	n/a	n/a	72.69	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWC-1A	0.074	n/a	7/30/2025	0.022	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-2	0.074	n/a	7/30/2025	0.0091J	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-4A	0.074	n/a	7/30/2025	0.01ND	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-5A	0.074	n/a	7/29/2025	0.015	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-6A	0.074	n/a	7/29/2025	0.01ND	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

FIGURE A.

Time Series



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Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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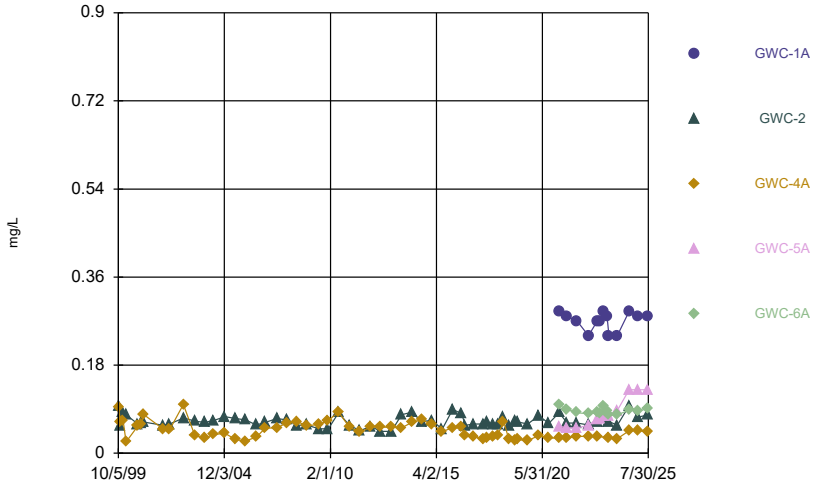

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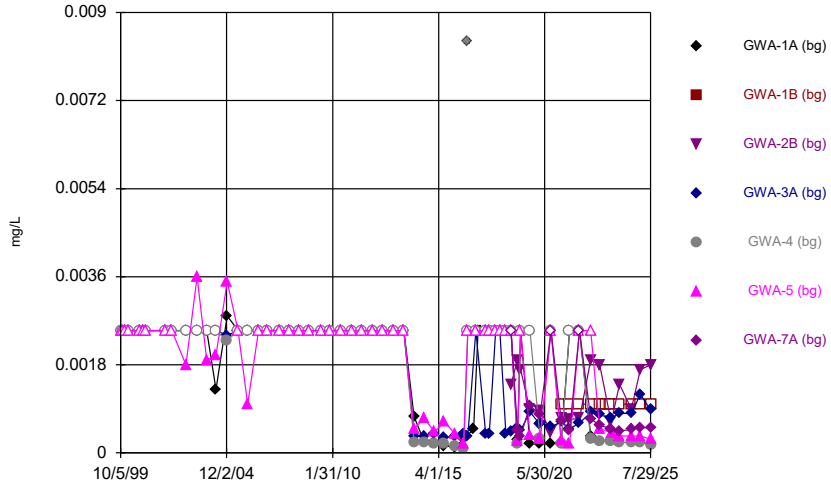

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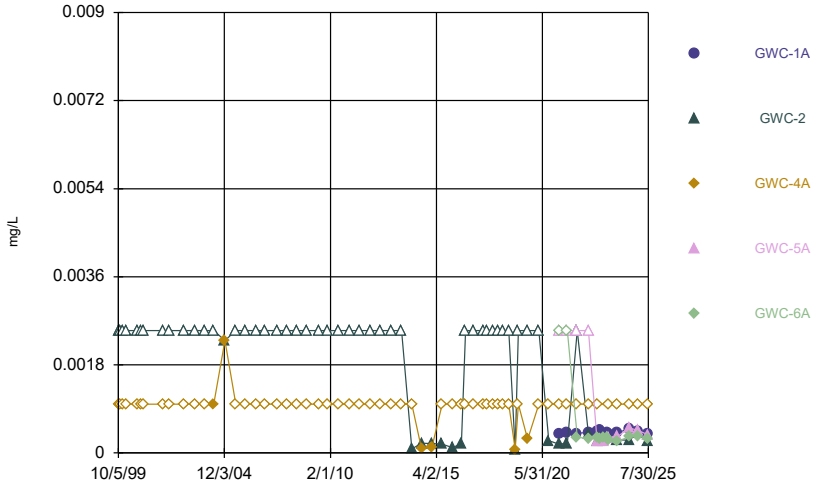

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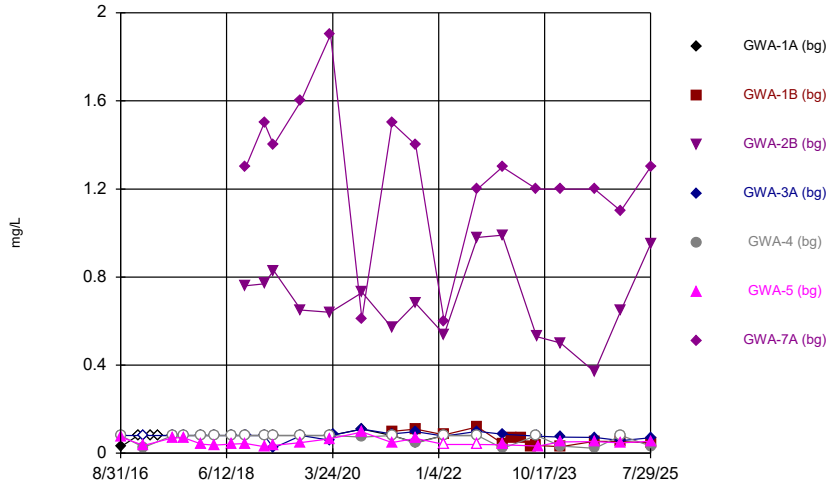

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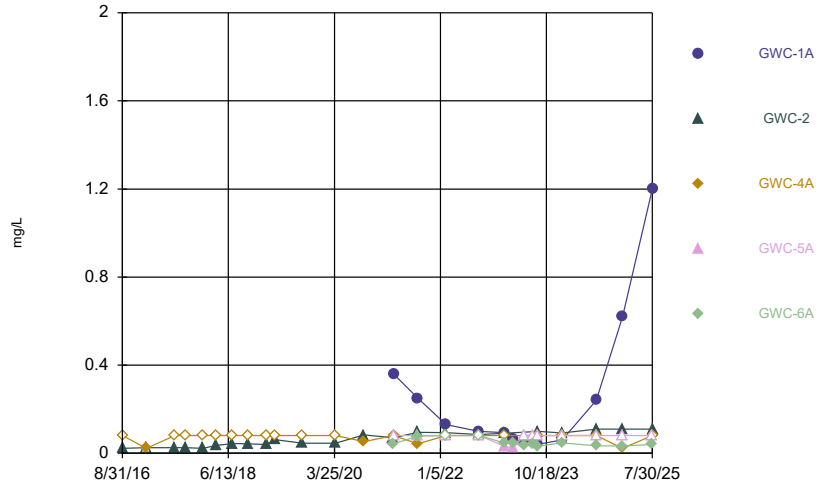

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Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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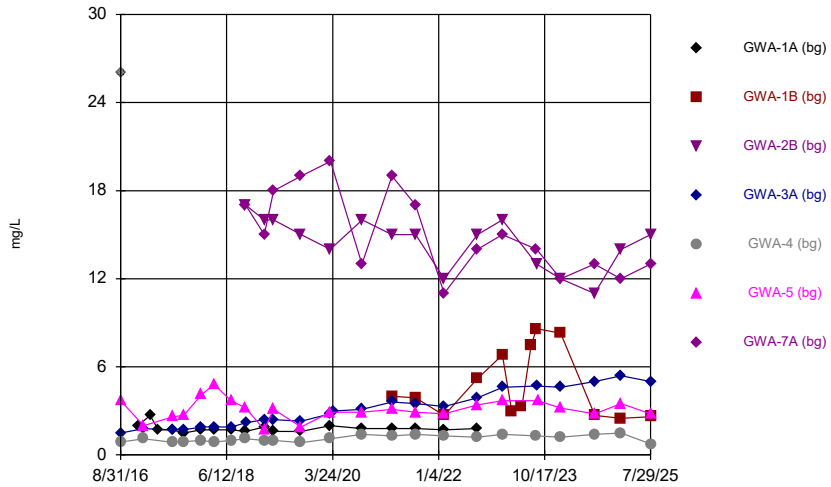
Time Series



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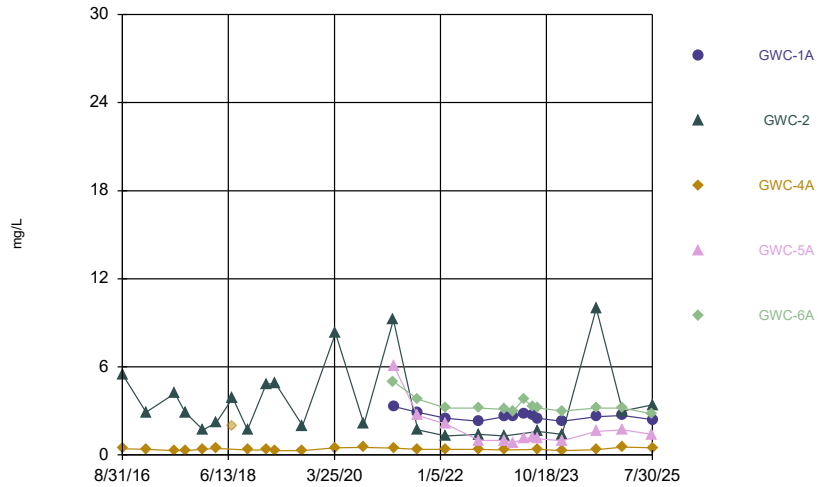
Time Series



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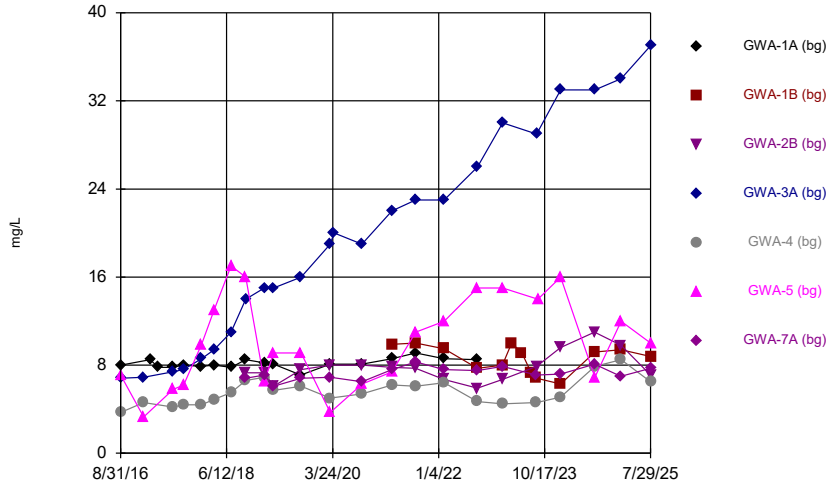
Time Series



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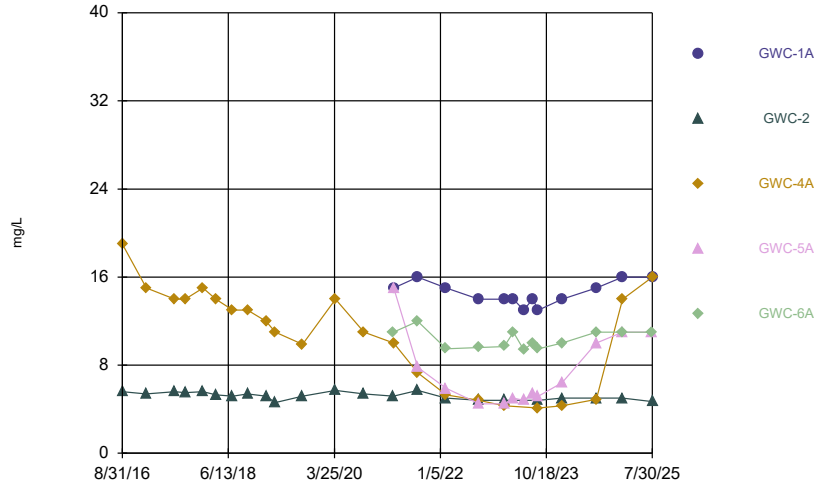

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Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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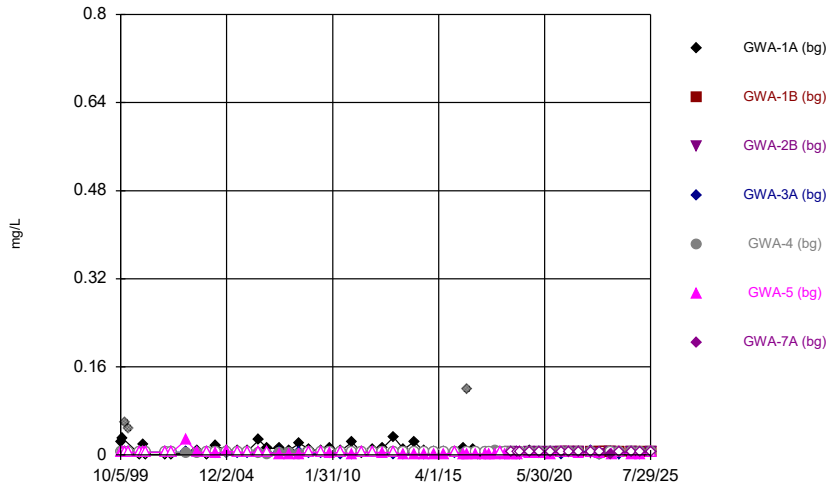
Hollow symbols indicate censored values.

Time Series



Constituent: Chromium Analysis Run 9/29/2025 3:36 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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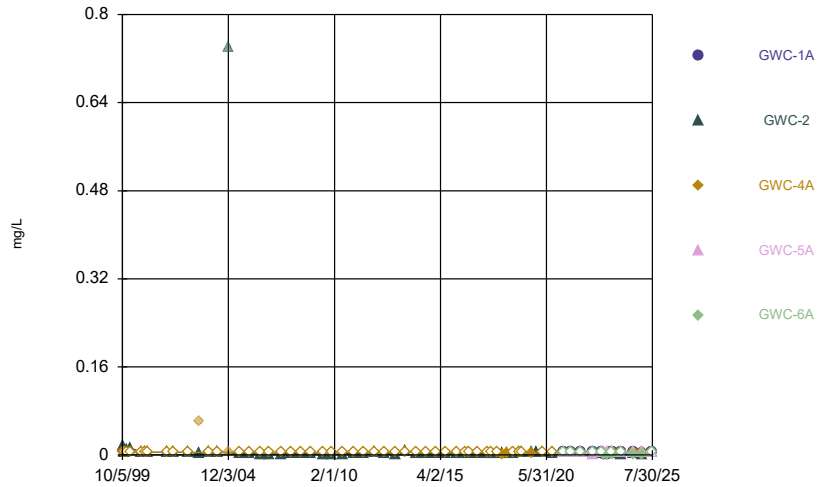
Hollow symbols indicate censored values.

Time Series

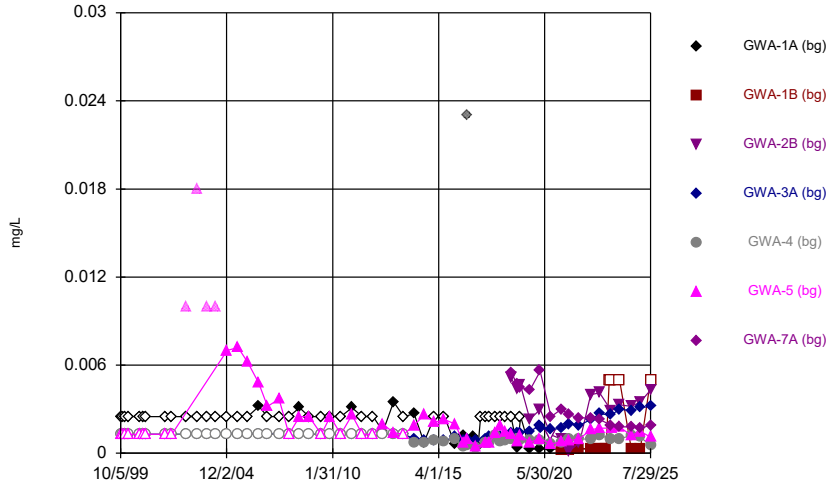


Constituent: Chromium Analysis Run 9/29/2025 3:36 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

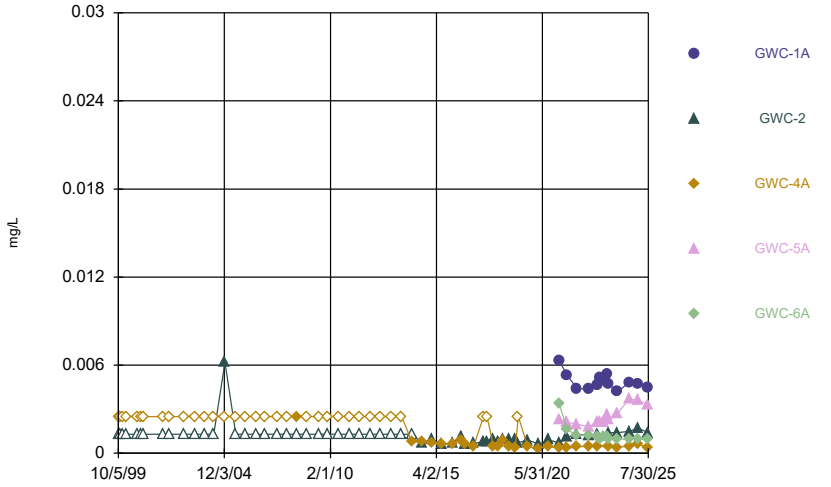
Time Series



Constituent: Cobalt Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

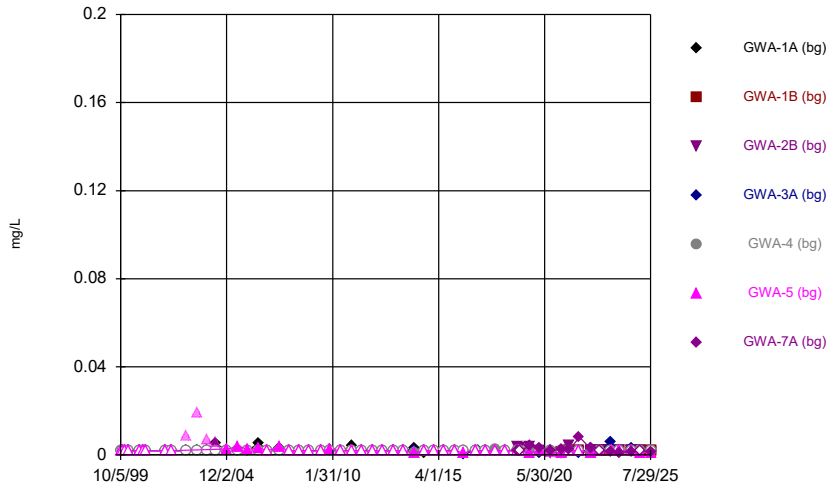
Time Series



Constituent: Cobalt Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

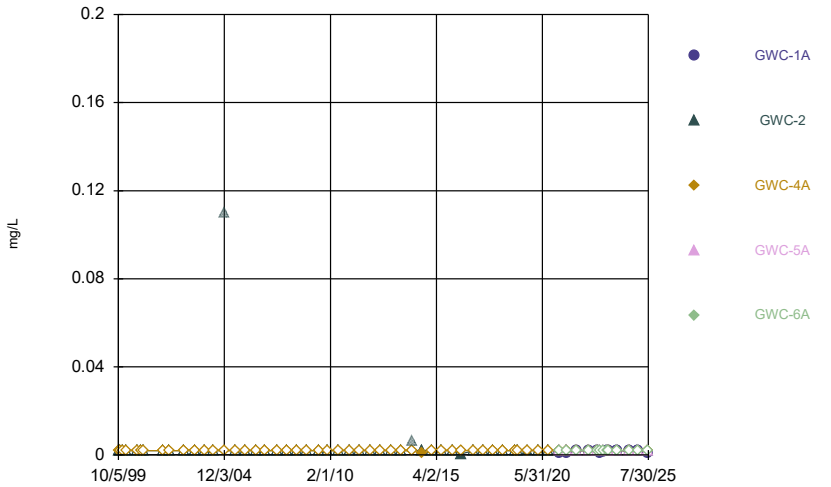
Time Series



Constituent: Copper Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

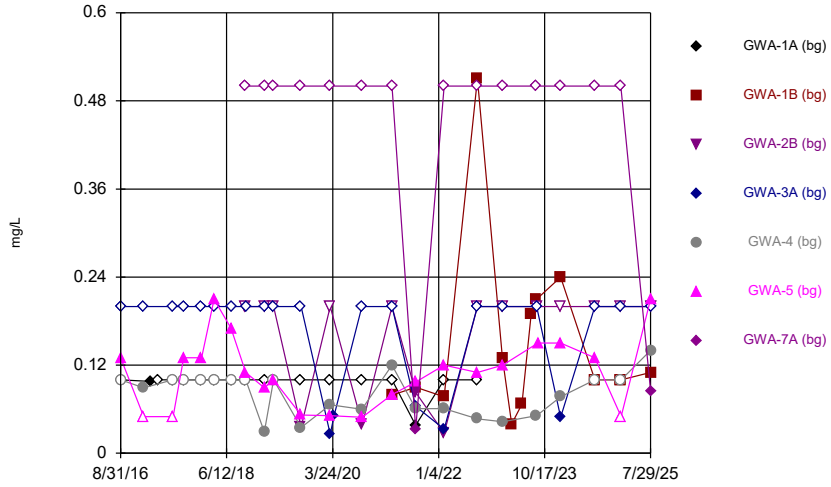
Time Series



Constituent: Copper Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

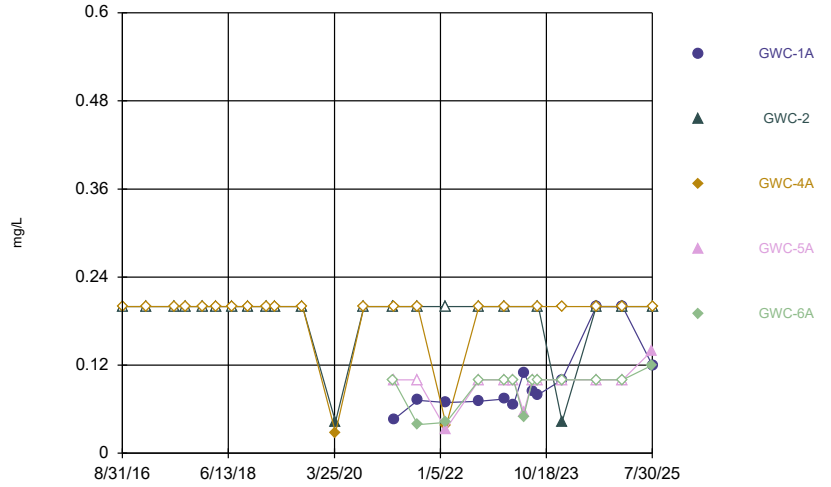
Time Series



Constituent: Fluoride Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

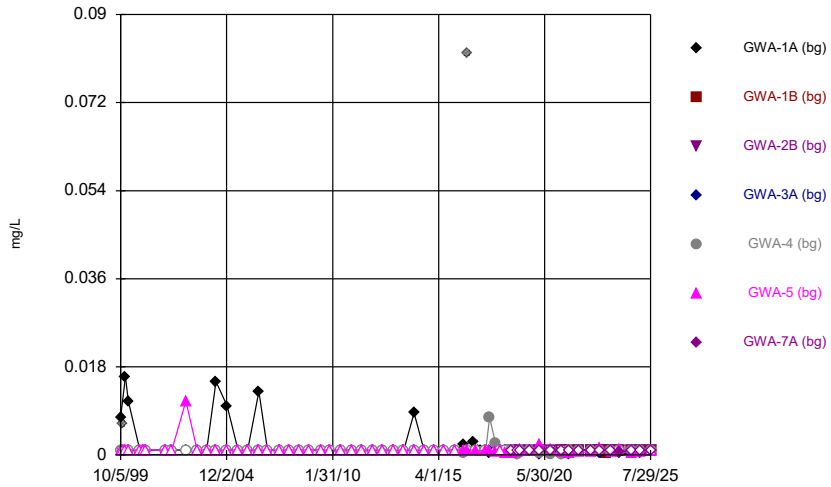
Time Series



Constituent: Fluoride Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

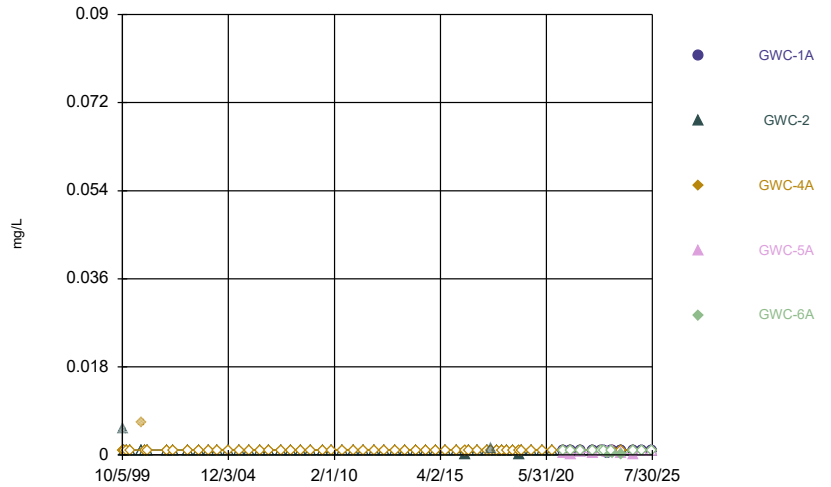
Time Series



Constituent: Lead Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

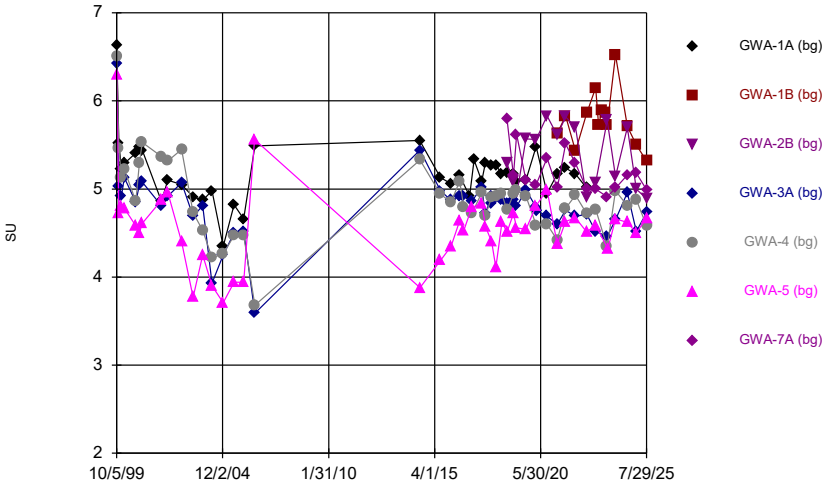
Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Lead Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

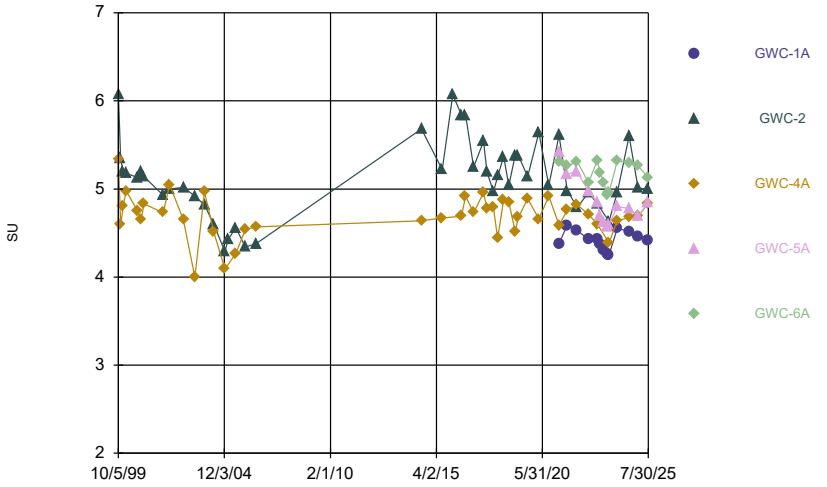
Time Series



Constituent: pH, Field Analysis Run 9/29/2025 3:36 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Time Series

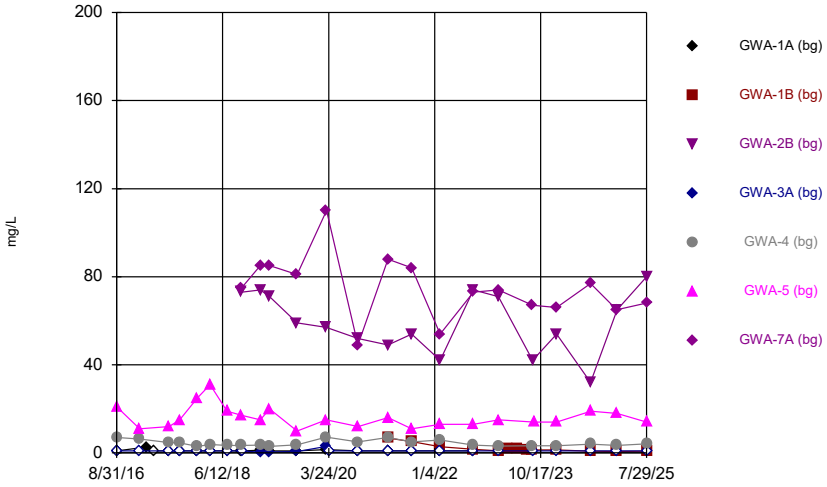


Constituent: pH, Field Analysis Run 9/29/2025 3:36 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Hollow symbols indicate censored values.

Time Series

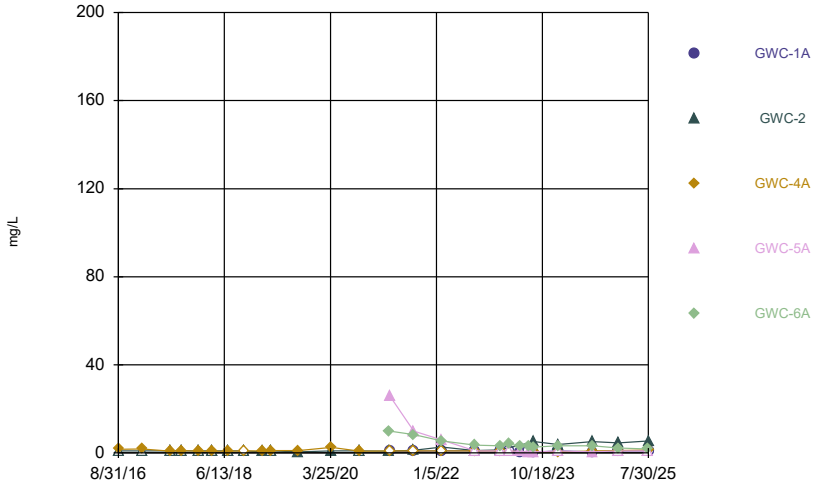


Constituent: Sulfate Analysis Run 9/29/2025 3:36 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Hollow symbols indicate censored values.

Time Series

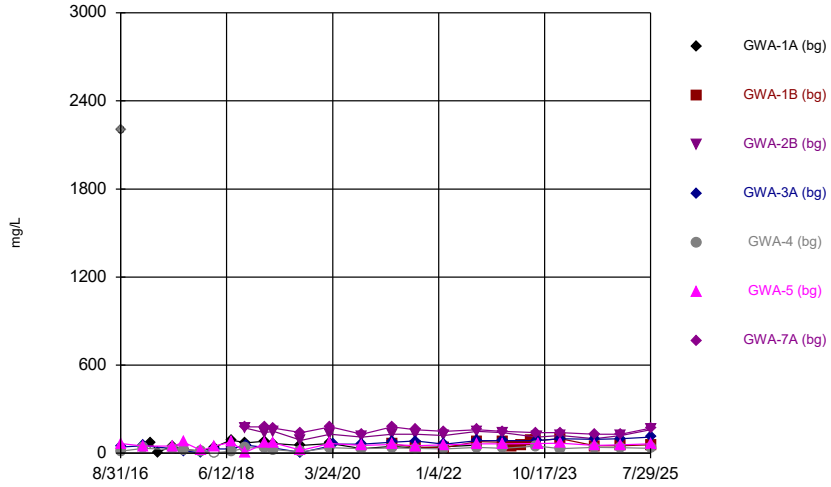


Constituent: Sulfate Analysis Run 9/29/2025 3:36 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

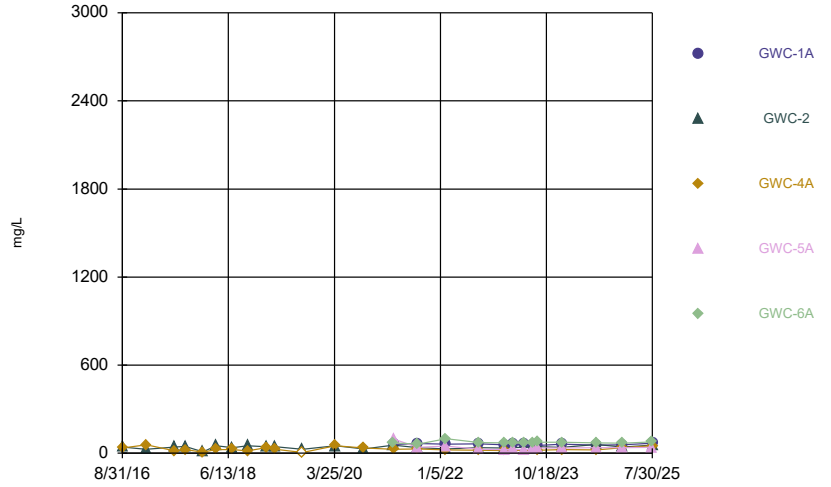
Time Series



Constituent: TDS Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

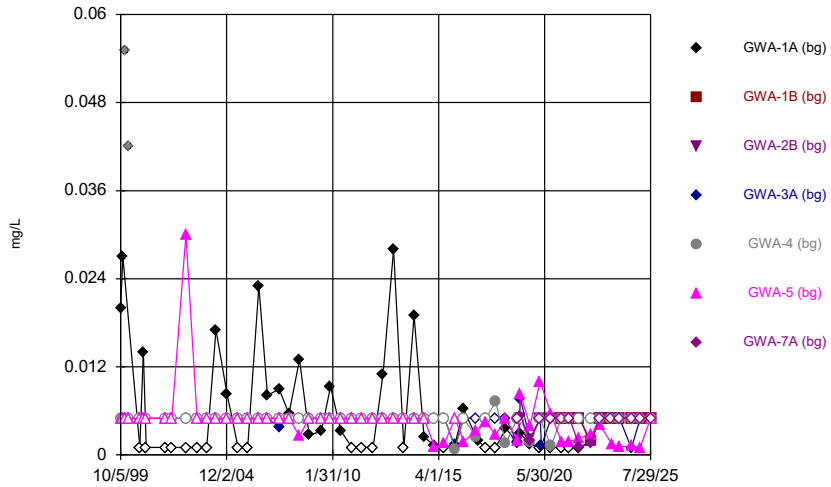
Time Series



Constituent: TDS Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

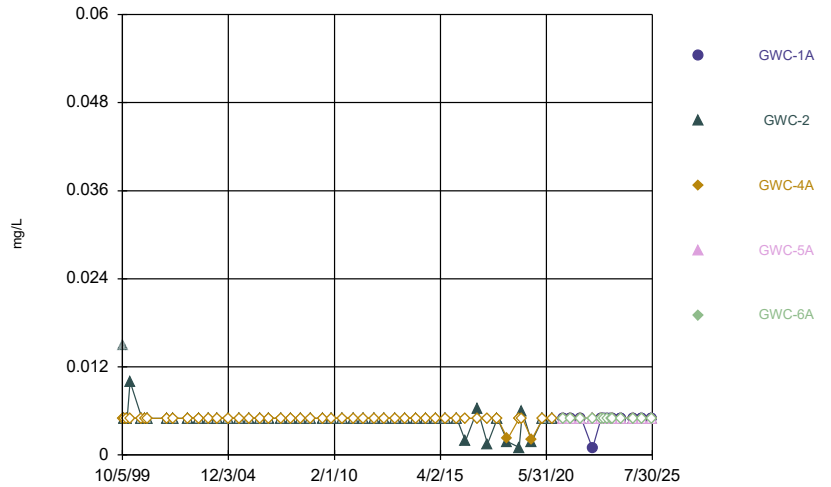
Time Series



Constituent: Vanadium Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

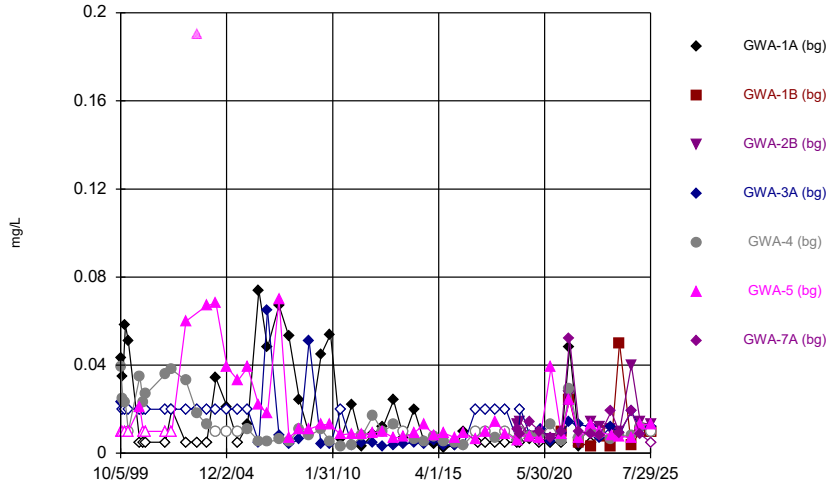
Time Series



Constituent: Vanadium Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

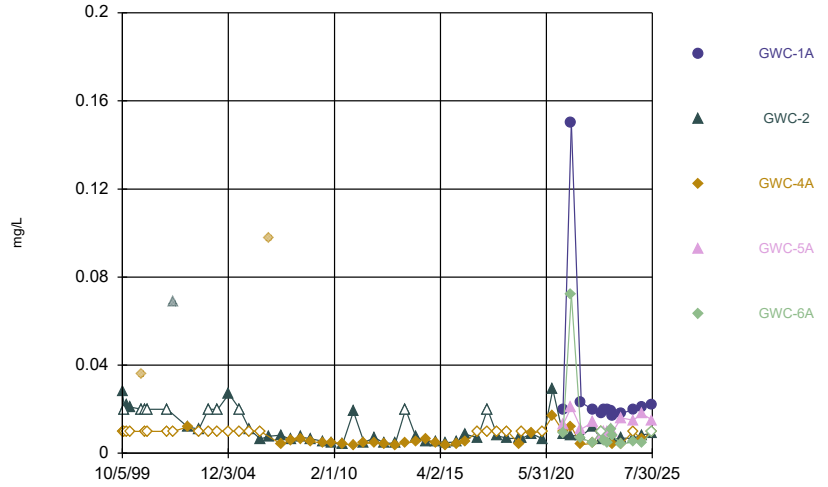
Time Series



Constituent: Zinc Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 9/29/2025 3:36 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Time Series

Constituent: Barium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	0.084			0.031	0.013	0.1	
11/12/1999	0.099			0.023	0.017	0.086	
12/29/1999	0.18			0.033	0.027	0.12	
2/17/2000	0.12			0.026	0.023	0.13	
9/13/2000	0.038			0.044	0.022	0.18	
11/10/2000	0.065			0.044	0.035	0.18	
1/3/2001					0.032	0.23	
1/4/2001	0.037			0.043			
12/10/2001	0.027				0.032	0.12	
12/11/2001				0.041			
4/4/2002	0.027			0.038	0.03	0.094	
12/6/2002	0.028						
12/9/2002				0.044	0.041	0.33	
6/28/2003	0.054			0.045	0.035	0.11	
12/13/2003	0.027			0.039	0.029	0.057	
5/28/2004	0.18						
5/29/2004				0.042	0.033	0.035	
12/11/2004	0.1			0.045	0.037	0.04	
6/24/2005	0.045			0.042	0.034	0.037	
12/13/2005	0.048			0.043	0.03	0.039	
6/26/2006						0.042	
6/27/2006	0.13			0.043	0.03		
12/1/2006	0.14			0.041	0.032	0.044	
6/21/2007				0.043	0.03	0.058	
6/22/2007	0.2						
12/15/2007	0.14			0.045	0.034	0.073	
6/21/2008					0.037		
6/22/2008	0.1			0.05		0.096	
12/6/2008				0.14	0.034	0.094	
12/7/2008	0.043						
7/10/2009				0.046			
7/11/2009	0.13				0.037	0.12	
12/22/2009						0.089	
12/23/2009	0.17			0.049	0.058		
6/23/2010				0.043	0.046	0.081	
6/24/2010	0.045						
1/8/2011				0.047	0.036	0.097	
1/9/2011	0.11						
7/10/2011				0.035	0.031	0.084	
7/11/2011	0.022						
1/19/2012				0.05	0.045		
1/20/2012	0.043					0.099	
7/12/2012				0.042	0.039	0.12	
7/13/2012	0.05						
1/21/2013	0.11			0.048	0.042	0.095	
7/20/2013	0.04			0.047	0.054	0.086	
1/17/2014	0.082			0.049	0.057	0.14	
7/12/2014	0.034			0.043	0.042	0.17	
1/15/2015				0.05	0.041		
1/16/2015	0.029					0.12	
7/15/2015	0.025			0.044	0.04	0.12	
1/16/2016	0.026			0.048	0.04	0.12	

Time Series

Constituent: Barium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
6/22/2016	0.0485			0.0486	0.0453	0.0839	
8/31/2016				0.043	0.041	0.093	
9/1/2016	0.86 (O)						
12/15/2016	0.054						
1/19/2017				0.052	0.052	0.079	
2/28/2017	0.027						
4/19/2017	0.023						
7/17/2017	0.022						
7/18/2017				0.046	0.037		
7/19/2017						0.085	
9/20/2017	0.023			0.053			
9/21/2017					0.042	0.1	
1/8/2018	0.022						
1/9/2018				0.05	0.043	0.13	
3/27/2018	0.023			0.054	0.039	0.18	
7/10/2018	0.024			0.056	0.043	0.14	
10/8/2018	0.03		0.049		0.042	0.11	0.14
10/9/2018				0.061			
1/30/2019	0.024		0.041	0.071	0.04	0.079	0.1
3/27/2019	0.021					0.12	
3/28/2019			0.035	0.068	0.041		0.1
9/11/2019	0.022						
9/12/2019			0.049	0.073	0.044	0.086	0.077
3/10/2020	0.018		0.047	0.082	0.058	0.081	
3/11/2020							0.067
4/2/2020				0.088			
9/21/2020	0.023			0.083	0.052		0.11
9/22/2020			0.049			0.078	
3/23/2021	0.023	0.021	0.044	0.093			0.048
3/24/2021					0.052	0.096	
8/17/2021	0.025	0.022	0.047	0.095	0.056	0.094	0.054
2/7/2022			0.047				0.096
2/8/2022	0.024	0.019		0.1	0.054	0.1	
8/30/2022	0.023	0.022	0.03	0.11	0.046	0.13	0.047
1/31/2023		0.024	0.036				0.043
2/1/2023				0.13	0.05		
2/2/2023						0.13	
3/28/2023		0.018					
5/30/2023		0.019					
7/26/2023		0.026					
8/28/2023		0.023			0.047		0.044
8/29/2023			0.045	0.12			
9/6/2023						0.12	
1/23/2024		0.021	0.037	0.13	0.045	0.12	0.041
8/19/2024			0.063				0.047
8/20/2024		0.018		0.14	0.057	0.11	
1/27/2025							0.044
1/28/2025		0.015	0.054	0.16	0.058	0.13	
7/29/2025		0.017	0.053	0.16	0.045	0.11	0.047

Time Series

Constituent: Barium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		0.097	0.095		
11/12/1999		0.057	0.063		
12/29/1999		0.084	0.066		
2/17/2000		0.079	0.023		
9/14/2000		0.06	0.056		
11/10/2000		0.062	0.059		
1/4/2001		0.064	0.079		
12/11/2001		0.057	0.049		
4/4/2002		0.06	0.048		
12/6/2002			0.1		
12/9/2002		0.072			
6/28/2003		0.066	0.036		
12/13/2003		0.063	0.031		
5/29/2004		0.067	0.038		
12/12/2004		0.075	0.041		
6/25/2005		0.071	0.028		
12/13/2005		0.068	0.025		
6/26/2006		0.058	0.033		
12/2/2006		0.063	0.051		
6/22/2007		0.071	0.052		
12/14/2007		0.068	0.062		
6/21/2008			0.065		
6/22/2008		0.057			
12/6/2008		0.058	0.056		
7/11/2009		0.05	0.059		
12/23/2009		0.05	0.067		
6/23/2010		0.083	0.084		
1/8/2011		0.057	0.053		
7/10/2011		0.046	0.043		
1/20/2012		0.055	0.054		
7/12/2012		0.045	0.053		
1/21/2013		0.045	0.053		
7/20/2013		0.079	0.052		
1/17/2014		0.084	0.063		
7/11/2014			0.068		
7/12/2014		0.065			
1/15/2015		0.067			
1/16/2015			0.059		
7/15/2015		0.049	0.045		
1/17/2016		0.09	0.052		
6/22/2016		0.0806	0.0528		
8/31/2016		0.057	0.037		
1/24/2017		0.06			
1/25/2017			0.034		
7/19/2017		0.06			
7/20/2017			0.028		
9/21/2017		0.063	0.032		
1/9/2018		0.059	0.033		
3/28/2018			0.037		
3/29/2018		0.06			
7/10/2018		0.073	0.065		
10/9/2018		0.057	0.029		

Time Series

Constituent: Barium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
1/30/2019			0.027		
1/31/2019		0.067			
3/28/2019		0.064	0.028		
9/12/2019		0.06	0.026		
3/31/2020		0.077	0.036		
9/22/2020		0.061	0.031		
3/23/2021		0.083			0.098
3/24/2021	0.29		0.031	0.055	
8/18/2021	0.28	0.062	0.032	0.052	0.09
2/8/2022		0.062		0.052	
2/9/2022	0.27		0.034		0.083
8/30/2022	0.24	0.058	0.035		
8/31/2022				0.057	0.081
1/31/2023	0.27			0.07	0.083
2/1/2023		0.063	0.034		
3/29/2023	0.27			0.071	0.082
5/31/2023	0.29			0.076	0.096
7/26/2023	0.28			0.082	0.086
8/29/2023	0.24	0.065	0.032	0.076	0.079
1/23/2024	0.24	0.057	0.03	0.087	0.079
8/20/2024	0.29	0.097	0.046	0.13	0.088
1/28/2025	0.28	0.074	0.047	0.13	0.086
7/29/2025				0.13	0.092
7/30/2025	0.28	0.078	0.043		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	<0.0025			<0.0025	<0.0025	<0.0025	
11/12/1999	<0.0025			<0.0025	<0.0025	<0.0025	
12/29/1999	<0.0025			<0.0025	<0.0025	<0.0025	
2/17/2000	<0.0025			<0.0025	<0.0025	<0.0025	
9/13/2000	<0.0025			<0.0025	<0.0025	<0.0025	
11/10/2000	<0.0025			<0.0025	<0.0025	<0.0025	
1/3/2001					<0.0025	<0.0025	
1/4/2001	<0.0025			<0.0025			
12/10/2001	<0.0025				<0.0025	<0.0025	
12/11/2001				<0.0025			
4/4/2002	<0.0025			<0.0025	<0.0025	<0.0025	
12/6/2002	<0.0025						
12/9/2002				<0.0025	<0.0025	0.0018	
6/28/2003	<0.0025			<0.0025	<0.0025	0.0036	
12/13/2003	<0.0025			<0.0025	<0.0025	0.0019	
5/28/2004	0.0013						
5/29/2004				<0.0025	<0.0025	0.002	
12/11/2004	0.0028			0.0024	0.0023	0.0035	
6/24/2005	<0.0025			<0.0025	<0.0025	<0.0025	
12/13/2005	<0.0025			<0.0025	<0.0025	0.001	
6/26/2006						<0.0025	
6/27/2006	<0.0025			<0.0025	<0.0025		
12/1/2006	<0.0025			<0.0025	<0.0025	<0.0025	
6/21/2007				<0.0025	<0.0025	<0.0025	
6/22/2007	<0.0025						
12/15/2007	<0.0025			<0.0025	<0.0025	<0.0025	
6/21/2008					<0.0025		
6/22/2008	<0.0025			<0.0025		<0.0025	
12/6/2008				<0.0025	<0.0025	<0.0025	
12/7/2008	<0.0025						
7/10/2009				<0.0025			
7/11/2009	<0.0025				<0.0025	<0.0025	
12/22/2009						<0.0025	
12/23/2009	<0.0025			<0.0025	<0.0025		
6/23/2010				<0.0025	<0.0025	<0.0025	
6/24/2010	<0.0025						
1/8/2011				<0.0025	<0.0025	<0.0025	
1/9/2011	<0.0025						
7/10/2011				<0.0025	<0.0025	<0.0025	
7/11/2011	<0.0025						
1/19/2012				<0.0025	<0.0025		
1/20/2012	<0.0025					<0.0025	
7/12/2012				<0.0025	<0.0025	<0.0025	
7/13/2012	<0.0025						
1/21/2013	<0.0025			<0.0025	<0.0025	<0.0025	
7/20/2013	<0.0025			<0.0025	<0.0025	<0.0025	
1/17/2014	0.00074 (J)			0.00035 (J)	0.00021 (J)	0.00049 (J)	
7/12/2014	0.00024 (J)			0.00035 (J)	0.00022 (J)	0.00071 (J)	
1/15/2015				0.00039 (J)	0.0002 (J)		
1/16/2015	0.00022 (J)					0.00043 (J)	
7/15/2015	0.00015 (J)			0.00031 (J)	0.00018 (J)	0.00064 (J)	
1/16/2016	0.00011 (J)			0.00034 (J)	0.00013 (J)	0.00039 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
6/22/2016	0.0003 (J)			0.0004 (J)	0.0001 (J)	0.0002 (J)	
8/31/2016				0.00035 (J)	<0.0025	<0.0025	
9/1/2016	0.0084 (O)						
12/15/2016	0.00048 (J)						
1/19/2017				<0.0025	<0.0025	<0.0025	
2/28/2017	<0.0025						
4/19/2017	<0.0025						
7/17/2017	<0.0025						
7/18/2017				0.00038 (J)	<0.0025		
7/19/2017						<0.0025	
9/20/2017	<0.0025			0.00039 (J)			
9/21/2017					<0.0025	<0.0025	
1/8/2018	<0.0025						
1/9/2018				<0.0025	<0.0025	<0.0025	
3/27/2018	<0.0025			<0.0025	<0.0025	<0.0025	
7/10/2018	<0.0025			0.00038 (J)	<0.0025	<0.0025	
10/8/2018	<0.0025		0.0014 (J)		<0.0025	<0.0025	<0.0025
10/9/2018				0.00044 (J)			
1/30/2019	0.00026 (J)		0.0019 (J)	0.00051 (J)	0.00019 (J)	0.00024 (J)	0.00047 (J)
3/27/2019	<0.0025					<0.0025	
3/28/2019			0.0017 (J)	0.00046 (J)	<0.0025		0.00034 (J)
9/11/2019	0.00019 (J)						
9/12/2019			0.00088 (J)	0.00084 (J)	<0.0025	0.00036 (J)	0.00097 (J)
3/10/2020	0.00018 (J)		0.00087 (J)	0.00058 (J)	0.00029 (J)	0.00028 (J)	
3/11/2020							0.00078 (J)
4/2/2020				0.00062 (J)			
9/21/2020	0.0002 (J)			0.00054 (J)	<0.0025		<0.0025
9/22/2020			0.00042 (J)			<0.0025	
3/23/2021	0.00021 (J)	<0.001	0.00071 (J)	0.00063 (J)			0.00066 (J)
3/24/2021					0.00019 (J)	0.00026 (J)	
8/17/2021	<0.0025	<0.001	0.00068 (J)	0.00049 (J)	<0.0025	0.00018 (J)	0.00047 (J)
2/7/2022			0.00071 (J)				<0.0025
2/8/2022	<0.0025	<0.001		0.00061 (J)	<0.0025	<0.0025	
8/30/2022	0.00035 (J)	<0.001	0.0019 (J)	0.00083 (J)	0.00028 (J)	<0.0025	0.0007 (J)
1/31/2023		<0.001	0.0018 (J)				0.00056 (J)
2/1/2023				0.00078 (J)	0.00024 (J)		
2/2/2023						0.0005 (J)	
3/28/2023		<0.001					
5/30/2023		<0.001					
7/26/2023		<0.001					
8/28/2023		<0.001			0.00024 (J)		0.0005 (J)
8/29/2023			0.00063 (J)	0.00071 (J)			
9/6/2023						0.00041 (J)	
1/23/2024		<0.001	0.0014 (J)	0.00081 (J)	0.00021 (J)	0.00035 (J)	0.00045 (J)
8/19/2024			0.0009 (J)				0.00048 (J)
8/20/2024		<0.001		0.00081 (J)	0.00021 (J)	0.00034 (J)	
1/27/2025							0.00051 (J)
1/28/2025		<0.001	0.0017 (J)	0.0012 (J)	0.00021 (J)	0.00035 (J)	
7/29/2025		<0.001	0.0018	0.00088 (J)	0.00017 (J)	0.00028 (J)	0.00051 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		<0.0025	<0.001		
11/12/1999		<0.0025	<0.001		
12/29/1999		<0.0025	<0.001		
2/17/2000		<0.0025	<0.001		
9/14/2000		<0.0025	<0.001		
11/10/2000		<0.0025	<0.001		
1/4/2001		<0.0025	<0.001		
12/11/2001		<0.0025	<0.001		
4/4/2002		<0.0025	<0.001		
12/6/2002			<0.001		
12/9/2002		<0.0025			
6/28/2003		<0.0025	<0.001		
12/13/2003		<0.0025	<0.001		
5/29/2004		<0.0025	0.001		
12/12/2004		0.0023	0.0023		
6/25/2005		<0.0025	<0.001		
12/13/2005		<0.0025	<0.001		
6/26/2006		<0.0025	<0.001		
12/2/2006		<0.0025	<0.001		
6/22/2007		<0.0025	<0.001		
12/14/2007		<0.0025	<0.001		
6/21/2008			<0.001		
6/22/2008		<0.0025			
12/6/2008		<0.0025	<0.001		
7/11/2009		<0.0025	<0.001		
12/23/2009		<0.0025	<0.001		
6/23/2010		<0.0025	<0.001		
1/8/2011		<0.0025	<0.001		
7/10/2011		<0.0025	<0.001		
1/20/2012		<0.0025	<0.001		
7/12/2012		<0.0025	<0.001		
1/21/2013		<0.0025	<0.001		
7/20/2013		<0.0025	<0.001		
1/17/2014		8.3E-05 (J)	<0.001		
7/11/2014			9.5E-05 (J)		
7/12/2014		0.0002 (J)			
1/15/2015		0.00019 (J)			
1/16/2015			0.00012 (J)		
7/15/2015		0.00018 (J)	<0.001		
1/17/2016		0.00011 (J)	<0.001		
6/22/2016		0.0002 (J)	<0.001		
8/31/2016		<0.0025	<0.001		
1/24/2017		<0.0025			
1/25/2017			<0.001		
7/19/2017		<0.0025			
7/20/2017			<0.001		
9/21/2017		<0.0025	<0.001		
1/9/2018		<0.0025	<0.001		
3/28/2018			<0.001		
3/29/2018		<0.0025			
7/10/2018		<0.0025	<0.001		
10/9/2018		<0.0025	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
1/30/2019			7E-05 (J)		
1/31/2019		6.5E-05 (J)			
3/28/2019		<0.0025	<0.001		
9/12/2019		<0.0025	0.00028 (J)		
3/31/2020		<0.0025	<0.001		
9/22/2020		0.00025 (J)	<0.001		
3/23/2021		0.00018 (J)			<0.0025
3/24/2021	0.00039 (J)		<0.001	<0.0025	
8/18/2021	0.00041 (J)	0.0002 (J)	<0.001	<0.0025	<0.0025
2/8/2022		<0.0025		<0.0025	
2/9/2022	0.0004 (J)		<0.001		0.00032 (J)
8/30/2022	0.00042 (J)	0.00038 (J)	<0.001		
8/31/2022				<0.0025	0.00029 (J)
1/31/2023	0.00043 (J)			0.00023 (J)	0.00031 (J)
2/1/2023		0.00024 (J)	<0.001		
3/29/2023	0.00046 (J)			0.00024 (J)	0.00029 (J)
5/31/2023	0.00039 (J)			0.00024 (J)	0.00032 (J)
7/26/2023	0.00041 (J)			0.00032 (J)	0.00031 (J)
8/29/2023	0.00038 (J)	0.00031 (J)	<0.001	0.00031 (J)	0.00026 (J)
1/23/2024	0.00041 (J)	0.00027 (J)	<0.001	0.00033 (J)	0.00024 (J)
8/20/2024	0.0005 (J)	0.00026 (J)	<0.001	0.00051 (J)	0.00033 (J)
1/28/2025	0.00045 (J)	0.00041 (J)	<0.001	0.00046 (J)	0.00035 (J)
7/29/2025				0.00037 (J)	0.0003 (J)
7/30/2025	0.00038 (J)	0.00023 (J)	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
8/31/2016				<0.08	<0.08	0.073	
9/1/2016	0.029 (J)						
12/15/2016	<0.08						
1/19/2017				<0.08	0.027 (J)	0.036 (J)	
2/28/2017	<0.08						
4/19/2017	<0.08						
7/17/2017	<0.08						
7/18/2017				<0.08	<0.08		
7/19/2017						0.07	
9/20/2017	<0.08			<0.08			
9/21/2017					<0.08	0.07	
1/8/2018	<0.08						
1/9/2018				<0.08	<0.08	0.042 (J)	
3/27/2018	<0.08			<0.08	<0.08	0.037 (J)	
7/10/2018	<0.08			<0.08	<0.08	0.042 (J)	
10/8/2018	<0.08		0.76		<0.08	0.044 (J)	1.3
10/9/2018				<0.08			
1/30/2019	<0.08		0.77	<0.08	<0.08	0.03 (J)	1.5
3/27/2019	<0.08					0.036 (J)	
3/28/2019			0.83	0.024 (J)	<0.08		1.4
9/11/2019	<0.08						
9/12/2019			0.65	<0.08	<0.08	0.048 (J)	1.6
3/10/2020	<0.08		0.64	0.059 (J)	<0.08	0.066 (J)	
3/11/2020							1.9
4/2/2020				0.084			
9/21/2020	0.11			0.11	0.073 (J)		0.61
9/22/2020			0.73			0.097	
3/23/2021	<0.08	0.1	0.57	0.088			1.5
3/24/2021					<0.08	0.048 (J)	
8/17/2021	0.049 (J)	0.11	0.68	0.098	0.045 (J)	0.067 (J)	1.4
2/7/2022			0.54				0.6
2/8/2022	<0.08	0.084		0.077 (J)	<0.08	<0.08	
8/30/2022	<0.08	0.12	0.98	0.1	<0.08	<0.08	1.2
1/31/2023		0.044 (J)	0.99				1.3
2/1/2023				0.087	0.023 (J)		
2/2/2023						0.039 (J)	
3/28/2023		0.072 (J)					
5/30/2023		0.068 (J)					
7/26/2023		0.032 (J)					
8/28/2023		0.035 (J)			<0.08		1.2
8/29/2023			0.53	0.078 (J)			
9/6/2023						0.032 (J)	
1/23/2024		0.029 (J)	0.5	0.073 (J)	0.033 (J)	0.051 (J)	1.2
8/19/2024			0.37				1.2
8/20/2024		0.055 (J)		0.072 (J)	0.023 (J)	0.053 (J)	
1/27/2025							1.1
1/28/2025		0.053 (J)	0.65	0.058 (J)	<0.08	0.047 (J)	
7/29/2025		0.047 (J)	0.95	0.071 (J)	0.032 (J)	0.055 (J)	1.3

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
8/31/2016		0.023 (J)	<0.08		
1/24/2017		<0.05			
1/25/2017			0.023 (J)		
7/19/2017		0.026 (J)			
7/20/2017			<0.08		
9/21/2017		0.025 (J)	<0.08		
1/9/2018		0.023 (J)	<0.08		
3/28/2018			<0.08		
3/29/2018		0.035 (J)			
7/10/2018		0.044 (J)	<0.08		
10/9/2018		0.043 (J)	<0.08		
1/30/2019			<0.08		
1/31/2019		0.04 (J)			
3/28/2019		0.062	<0.08		
9/12/2019		0.045 (J)	<0.08		
3/31/2020		0.046 (J)	<0.08		
9/22/2020		0.083	0.053 (J)		
3/23/2021		0.07 (J)			0.043 (J)
3/24/2021	0.36		<0.08	<0.08	
8/18/2021	0.25	0.095	0.043 (J)	<0.08	0.077 (J)
2/8/2022		0.094		<0.08	
2/9/2022	0.13		<0.08		<0.08
8/30/2022	0.099	0.085	<0.08		
8/31/2022				<0.08	<0.08
1/31/2023	0.094			0.033 (J)	0.047 (J)
2/1/2023		0.091	<0.08		
3/29/2023	0.063 (J)			0.024 (J)	0.046 (J)
5/31/2023	0.054 (J)			<0.08	0.036 (J)
7/26/2023	0.054 (J)			<0.08	0.039 (J)
8/29/2023	0.042 (J)	0.1	<0.08	<0.08	0.033 (J)
1/23/2024	0.06 (J)	0.092	<0.08	<0.08	0.047 (J)
8/20/2024	0.24	0.11	<0.08	<0.08	0.034 (J)
1/28/2025	0.62	0.11	0.023 (J)	<0.08	0.032 (J)
7/29/2025				<0.08	0.04 (J)
7/30/2025	1.2	0.11	<0.08		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
8/31/2016				1.5	0.88	3.7	
9/1/2016	26 (O)						
12/15/2016	2						
1/19/2017				1.8	1.1	2	
2/28/2017	2.7						
4/19/2017	1.7						
7/17/2017	1.7						
7/18/2017				1.7	0.86		
7/19/2017						2.6	
9/20/2017	1.5			1.7			
9/21/2017					0.9	2.7	
1/8/2018	1.7						
1/9/2018				1.9	1	4.1	
3/27/2018	1.7			1.9	0.89	4.8	
7/10/2018	1.7			1.9	0.99	3.7	
10/8/2018	1.6		17		1.1	3.2	17
10/9/2018				2.2			
1/30/2019	1.9		16	2.4	1	1.7	15
3/27/2019	1.6					3.1	
3/28/2019			16	2.4	0.98		18
9/11/2019	1.6						
9/12/2019			15	2.3	0.84	1.9	19
3/10/2020	2		14	2.8	1.1	2.9	
3/11/2020							20
4/2/2020				3			
9/21/2020	1.8			3.1	1.4		13
9/22/2020			16			2.9	
3/23/2021	1.8	4	15	3.6			19
3/24/2021					1.3	3.1	
8/17/2021	1.8	3.9	15	3.5	1.4	2.9	17
2/7/2022			12				11
2/8/2022	1.7	2.7		3.3	1.3	2.8	
8/30/2022	1.8	5.2	15	3.9	1.2	3.4	14
1/31/2023		6.8	16				15
2/1/2023				4.6	1.4		
2/2/2023						3.7	
3/28/2023		3					
5/30/2023		3.3					
7/26/2023		7.5					
8/28/2023		8.6			1.3		14
8/29/2023			13	4.7			
9/6/2023						3.7	
1/23/2024		8.3	12	4.6	1.2	3.2	12
8/19/2024			11				13
8/20/2024		2.7		5	1.4	2.8	
1/27/2025							12
1/28/2025		2.5	14	5.4	1.5	3.5	
7/29/2025		2.6	15	5	0.74	2.8	13

Time Series

Constituent: Calcium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
8/31/2016		5.5	0.42		
1/24/2017		2.9			
1/25/2017			0.37		
7/19/2017		4.2			
7/20/2017			0.29		
9/21/2017		2.9	0.3		
1/9/2018		1.7	0.38		
3/28/2018			0.44		
3/29/2018		2.2			
7/10/2018		3.9	2 (O)		
10/9/2018		1.7	0.34		
1/30/2019			0.34		
1/31/2019		4.8			
3/28/2019		4.9	0.3		
9/12/2019		2	0.3 (J)		
3/31/2020		8.3	0.48 (J)		
9/22/2020		2.1	0.51		
3/23/2021		9.2			5
3/24/2021	3.3		0.46 (J)	6.1	
8/18/2021	2.9	1.7	0.37 (J)	2.7	3.8
2/8/2022		1.3		2.1	
2/9/2022	2.5		0.39 (J)		3.2
8/30/2022	2.3	1.4	0.39 (J)		
8/31/2022				0.98	3.2
1/31/2023	2.6			1	3.1
2/1/2023		1.3	0.34 (J)		
3/29/2023	2.6			0.83	3
5/31/2023	2.8			1.1	3.8
7/26/2023	2.7			1.2	3.3
8/29/2023	2.5	1.6	0.37 (J)	1.1	3.2
1/23/2024	2.3	1.4	0.3 (J)	0.96	3
8/20/2024	2.6	10	0.36 (J)	1.6	3.2
1/28/2025	2.7	3	0.53	1.7	3.2
7/29/2025				1.4	2.8
7/30/2025	2.4	3.4	0.48		

Time Series

Constituent: Chloride (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
8/31/2016				6.8	3.7	7.1	
9/1/2016	8						
1/19/2017				6.9	4.6	3.3	
2/28/2017	8.5						
4/19/2017	7.8						
7/17/2017	7.8						
7/18/2017				7.4	4.2		
7/19/2017						5.8	
9/20/2017	8			7.6			
9/21/2017					4.4	6.2	
1/8/2018	7.9						
1/9/2018				8.6	4.4	9.9	
3/27/2018	8			9.4	4.9	13	
7/10/2018	7.8			11	5.5	17	
10/8/2018	8.5		7.3		6.6	16	6.8
10/9/2018				14			
1/30/2019	8.2		7.3	15	6.9	6.5	7.1
3/27/2019	8.1					9.1	
3/28/2019			6.1	15	5.7		6.1
9/11/2019	7.1						
9/12/2019			7.6	16	6.1	9.1	6.8
3/10/2020	8.1		8	19	5	3.7	
3/11/2020							6.9
4/2/2020				20			
9/21/2020	8.1			19	5.4		6.5
9/22/2020			8			6.3	
3/23/2021	8.6	9.9	7.8	22			7.6
3/24/2021					6.2	7.4	
8/17/2021	9.1	10	7.7	23	6.1	11	8.3
2/7/2022			6.7				7.6
2/8/2022	8.6	9.5		23	6.4	12	
8/30/2022	8.5	7.7	5.9	26	4.7	15	7.5
1/31/2023		8	6.7				7.9
2/1/2023				30	4.5		
2/2/2023						15	
3/28/2023		10					
5/30/2023		9.1					
7/26/2023		7.3					
8/28/2023		6.8			4.6		7.1
8/29/2023			7.9	29			
9/6/2023						14	
1/23/2024		6.3	9.6	33	5.1	16	7.2
8/19/2024			11				8.1
8/20/2024		9.2		33	7.9	6.9	
1/27/2025							7
1/28/2025		9.4	9.8	34	8.5	12	
7/29/2025		8.8	7.1	37	6.5	10	7.7

Time Series

Constituent: Chloride (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
8/31/2016		5.6	19		
1/24/2017		5.4			
1/25/2017			15		
7/19/2017		5.6			
7/20/2017			14		
9/21/2017		5.5	14		
1/9/2018		5.6	15		
3/28/2018			14		
3/29/2018		5.3			
7/10/2018		5.2	13		
10/9/2018		5.4	13		
1/30/2019			12		
1/31/2019		5.2			
3/28/2019		4.6	11		
9/12/2019		5.2	9.9		
3/31/2020		5.7	14		
9/22/2020		5.4	11		
3/23/2021		5.2			11
3/24/2021	15		10	15	
8/18/2021	16	5.7	7.3	7.8	12
2/8/2022		5		5.9	
2/9/2022	15		5.3		9.5
8/30/2022	14	4.8	4.8		
8/31/2022				4.5	9.6
1/31/2023	14			4.5	9.7
2/1/2023		4.8	4.3		
3/29/2023	14			5	11
5/31/2023	13			4.8	9.4
7/26/2023	14			5.4	10
8/29/2023	13	4.8	4.1	5.2	9.5
1/23/2024	14	5	4.3	6.4	10
8/20/2024	15	5	4.9	10	11
1/28/2025	16	5	14	11	11
7/29/2025				11	11
7/30/2025	16	4.7	16		

Time Series

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	0.023			<0.005	<0.005	<0.005	
11/12/1999	0.03			<0.005	<0.005	<0.005	
12/29/1999	0.059 (O)			<0.005	<0.005	<0.005	
2/17/2000	0.048 (O)			<0.005	<0.005	<0.005	
9/13/2000	<0.002			<0.005	<0.005	<0.005	
11/10/2000	0.018			<0.005	<0.005	<0.005	
1/3/2001					<0.005	<0.005	
1/4/2001	<0.002			<0.005			
12/10/2001	<0.002				<0.005	<0.005	
12/11/2001				<0.005			
4/4/2002	<0.002			<0.005	<0.005	<0.005	
12/6/2002	0.0046						
12/9/2002				<0.005	0.0037	0.027	
6/28/2003	0.0082			0.0053	0.0039	0.0051	
12/13/2003	<0.002			<0.005	<0.005	<0.005	
5/28/2004	0.016						
5/29/2004				0.0027	<0.005	0.0031	
12/11/2004	0.0087			0.004	<0.005	0.0067	
6/24/2005	0.0069			0.0031	<0.005	<0.005	
12/13/2005	0.0075			0.0031	<0.005	<0.005	
6/26/2006						<0.005	
6/27/2006	0.027			0.0025	0.0023		
12/1/2006	0.012			0.0034	0.0017	<0.005	
6/21/2007				0.0053	0.0027	0.0021	
6/22/2007	0.012						
12/15/2007	0.0085			0.0044	0.0026	0.0022	
6/21/2008					0.0021		
6/22/2008	0.021			0.0059		0.0019	
12/6/2008				0.0031	<0.005	<0.005	
12/7/2008	0.01						
7/10/2009				0.0029			
7/11/2009	0.0073				<0.005	<0.005	
12/22/2009						0.0032	
12/23/2009	0.013			0.0025	<0.005		
6/23/2010				0.0013	<0.005	<0.005	
6/24/2010	0.0076						
1/8/2011				0.0017	<0.005	0.0019	
1/9/2011	0.023						
7/10/2011				<0.005	<0.005	<0.005	
7/11/2011	0.0042						
1/19/2012				<0.005	<0.005		
1/20/2012	0.009					<0.005	
7/12/2012				<0.005	<0.005	0.0044	
7/13/2012	0.013						
1/21/2013	0.032			0.0014	<0.005	<0.005	
7/20/2013	0.01			0.0021	<0.005	0.0017	
1/17/2014	0.024			0.0023	<0.005	0.0012 (J)	
7/12/2014	0.0069			0.0012 (J)	<0.005	0.0014	
1/15/2015				<0.005	<0.005		
1/16/2015	0.0064					0.0011 (J)	
7/15/2015	0.0051			<0.005	<0.005	0.0016	
1/16/2016	0.0066			0.0025	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
6/22/2016	0.0117			0.0037 (J)	0.0005 (J)	0.002 (J)	
8/31/2016				0.0042	<0.005	0.002 (J)	
9/1/2016	0.12 (O)						
12/15/2016	0.01						
1/19/2017				0.0039	<0.005	0.002 (J)	
2/28/2017	0.0012 (J)						
4/19/2017	0.0016 (J)						
7/17/2017	0.003						
7/18/2017				0.0018 (J)	<0.005		
7/19/2017						0.0017 (J)	
9/20/2017	0.0025			0.0026			
9/21/2017					<0.005	0.0021 (J)	
1/8/2018	0.0038						
1/9/2018				0.0038	0.0087	0.0019 (J)	
3/27/2018	0.0044			0.0037	<0.005	<0.005	
7/10/2018	0.0045			0.0022 (J)	<0.005	0.0012 (J)	
10/8/2018	0.0054		<0.005		<0.005	0.0015 (J)	<0.005
10/9/2018				0.0047			
1/30/2019	0.0061		0.003	0.005	0.00088 (J)	0.0014 (J)	<0.005
3/27/2019	0.0044					<0.005	
3/28/2019			0.0017 (J)	0.0037	<0.005		<0.005
9/11/2019	0.0076						
9/12/2019			<0.005	<0.005	<0.005	0.0032	<0.005
3/10/2020	0.0041		<0.005	<0.005	<0.005	0.0031	
3/11/2020							<0.005
4/2/2020				0.0031			
9/21/2020	0.0049			<0.005	<0.005		<0.005
9/22/2020			<0.005			0.0017 (J)	
3/23/2021	0.0047	<0.005	<0.005	0.0022			<0.005
3/24/2021					<0.005	<0.005	
8/17/2021	0.0046	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2022			<0.005				<0.005
2/8/2022	0.0051	<0.005		<0.005	<0.005	0.003	
8/30/2022	0.0047	<0.005	0.0028	0.0084	<0.005	<0.005	<0.005
1/31/2023		<0.005	0.0022				<0.005
2/1/2023				0.0016 (J)	0.0016 (J)		
2/2/2023						0.0023	
3/28/2023		<0.005					
5/30/2023		<0.005					
7/26/2023		<0.005					
8/28/2023		<0.005			<0.005		0.0016 (J)
8/29/2023			<0.005	<0.005			
9/6/2023						0.0016 (J)	
1/23/2024		<0.005	0.0015 (J)	0.0016 (J)	<0.005	<0.005	<0.005
8/19/2024			<0.005				<0.005
8/20/2024		<0.005		<0.005	<0.005	0.0012 (J)	
1/27/2025							<0.005
1/28/2025		<0.005	0.003	0.0017 (J)	<0.005	0.0019 (J)	
7/29/2025		<0.005	<0.005	<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 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		0.017	<0.005		
11/12/1999		<0.005	<0.005		
12/29/1999		0.011	<0.005		
2/17/2000		0.013	<0.005		
9/14/2000		<0.005	<0.005		
11/10/2000		<0.005	<0.005		
1/4/2001		<0.005	<0.005		
12/11/2001		<0.005	<0.005		
4/4/2002		<0.005	<0.005		
12/6/2002			<0.005		
12/9/2002		<0.005			
6/28/2003		0.0027	0.061 (O)		
12/13/2003		<0.005	<0.005		
5/29/2004		<0.005	<0.005		
12/12/2004		0.74 (O)	0.0059 (O)		
6/25/2005		0.0023	<0.005		
12/13/2005		0.0031	<0.005		
6/26/2006		0.0016	<0.005		
12/2/2006		0.0022	<0.005		
6/22/2007		0.002	<0.005		
12/14/2007		0.0029	<0.005		
6/21/2008			<0.005		
6/22/2008		0.0023			
12/6/2008		0.0023	<0.005		
7/11/2009		0.0015	<0.005		
12/23/2009		0.0014	<0.005		
6/23/2010		0.0018	<0.005		
1/8/2011		0.0033	<0.005		
7/10/2011		0.0028	<0.005		
1/20/2012		<0.005	<0.005		
7/12/2012		0.0025	<0.005		
1/21/2013		0.0022	<0.005		
7/20/2013		0.0075	<0.005		
1/17/2014		0.0039	<0.005		
7/11/2014			<0.005		
7/12/2014		0.0031			
1/15/2015		0.0026			
1/16/2015			<0.005		
7/15/2015		0.0032	<0.005		
1/17/2016		0.0029	<0.005		
6/22/2016		0.0036 (J)	<0.005		
8/31/2016		0.0027	<0.005		
1/24/2017		0.0034			
1/25/2017			<0.005		
7/19/2017		0.0028			
7/20/2017			<0.005		
9/21/2017		0.0035	<0.005		
1/9/2018		0.003	<0.005		
3/28/2018			0.0019 (J)		
3/29/2018		0.0032			
7/10/2018		0.0033	0.0029		
10/9/2018		0.0039	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
1/30/2019			<0.005		
1/31/2019		0.0061			
3/28/2019		0.0049	<0.005		
9/12/2019		0.0048	0.0028		
12/17/2019		0.0064			
3/31/2020		0.005	<0.005		
9/22/2020		0.0036	<0.005		
3/23/2021		0.0048			<0.005
3/24/2021	<0.005		<0.005	<0.005	
8/18/2021	<0.005	0.0064	<0.005	<0.005	<0.005
2/8/2022		0.0046		<0.005	
2/9/2022	<0.005		<0.005		<0.005
8/30/2022	<0.005	0.005	<0.005		
8/31/2022				0.0021	<0.005
1/31/2023	<0.005			<0.005	<0.005
2/1/2023		0.0037	<0.005		
3/29/2023	0.0016 (J)			<0.005	0.0014 (J)
5/31/2023	0.0012 (J)			<0.005	0.0021
7/26/2023	<0.005			<0.005	<0.005
8/29/2023	<0.005	0.0037	<0.005	<0.005	0.0013 (J)
1/23/2024	<0.005	0.0017 (J)	<0.005	<0.005	<0.005
8/20/2024	<0.005	0.0027	<0.005	<0.005	0.0013 (J)
1/28/2025	0.0028	0.0019 (J)	<0.005	<0.005	0.002
7/29/2025				<0.005	<0.005
7/30/2025	<0.005	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	<0.0025			<0.0013	<0.0013	<0.0013	
11/12/1999	<0.0025			<0.0013	<0.0013	<0.0013	
12/29/1999	<0.0025			<0.0013	<0.0013	<0.0013	
2/17/2000	<0.0025			<0.0013	<0.0013	<0.0013	
9/13/2000	<0.0025			<0.0013	<0.0013	<0.0013	
11/10/2000	<0.0025			<0.0013	<0.0013	<0.0013	
1/3/2001					<0.0013	<0.0013	
1/4/2001	<0.0025			<0.0013			
12/10/2001	<0.0025				<0.0013	<0.0013	
12/11/2001				<0.0013			
4/4/2002	<0.0025			<0.0013	<0.0013	<0.0013	
12/6/2002	<0.0025						
12/9/2002				<0.0013	<0.0013	0.01 (O)	
6/28/2003	<0.0025			<0.0013	<0.0013	0.018 (O)	
12/13/2003	<0.0025			<0.0013	<0.0013	0.01 (O)	
5/28/2004	<0.0025						
5/29/2004				<0.0013	<0.0013	0.01 (O)	
12/11/2004	<0.0025			<0.0013	<0.0013	0.007	
6/24/2005	<0.0025			<0.0013	<0.0013	0.0072	
12/13/2005	<0.0025			<0.0013	<0.0013	0.0062	
6/26/2006						0.0048	
6/27/2006	0.0032			<0.0013	<0.0013		
12/1/2006	<0.0025			<0.0013	<0.0013	0.0032	
6/21/2007				<0.0013	<0.0013	0.0037	
6/22/2007	<0.0025						
12/15/2007	<0.0025			<0.0013	<0.0013	<0.0013	
6/21/2008					<0.0013		
6/22/2008	0.0031			<0.0013		0.0025	
12/6/2008				<0.0013	<0.0013	0.0025	
12/7/2008	<0.0025						
7/10/2009				<0.0013			
7/11/2009	<0.0025				<0.0013	<0.0013	
12/22/2009						0.0025	
12/23/2009	<0.0025			<0.0013	<0.0013		
6/23/2010				<0.0013	<0.0013	<0.0013	
6/24/2010	<0.0025						
1/8/2011				<0.0013	<0.0013	0.0026	
1/9/2011	0.0031						
7/10/2011				<0.0013	<0.0013	<0.0013	
7/11/2011	<0.0025						
1/19/2012				<0.0013	<0.0013		
1/20/2012	<0.0025					<0.0013	
7/12/2012				<0.0013	<0.0013	0.002	
7/13/2012	0.0015						
1/21/2013	0.0035			<0.0013	<0.0013	0.0014	
7/20/2013	<0.0025			<0.0013	<0.0013	<0.0013	
1/17/2014	0.0027			0.001 (J)	0.00071 (J)	0.0019	
7/12/2014	0.00075 (J)			0.00088 (J)	0.00075 (J)	0.0026	
1/15/2015				0.00086 (J)	0.00084 (J)		
1/16/2015	<0.0025					0.0021	
7/15/2015	<0.0025			0.00087 (J)	0.00083 (J)	0.0023	
1/16/2016	0.00059 (J)			0.0011 (J)	0.00092 (J)	0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
6/22/2016	0.0012 (J)			0.0009 (J)	0.0005 (J)	0.0007 (J)	
8/31/2016				0.00095 (J)	0.00055 (J)	0.001 (J)	
9/1/2016	0.023 (O)						
12/15/2016	0.0011 (J)						
1/19/2017				0.00087 (J)	0.00041 (J)	0.00046 (J)	
2/28/2017	0.00048 (J)						
4/19/2017	<0.0025						
7/17/2017	<0.0025						
7/18/2017				0.001 (J)	0.0007 (J)		
7/19/2017						0.00069 (J)	
9/20/2017	<0.0025			0.0011 (J)			
9/21/2017					0.00073 (J)	0.00073 (J)	
1/8/2018	<0.0025						
1/9/2018				0.0011 (J)	0.0012 (J)	0.0014 (J)	
3/27/2018	<0.0025			0.0011 (J)	0.00081 (J)	0.0019 (J)	
7/10/2018	<0.0025			0.0012 (J)	0.00086 (J)	0.0015 (J)	
10/8/2018	<0.0025		0.0051		0.00092 (J)	0.0013 (J)	0.0055
10/9/2018				0.0014 (J)			
1/30/2019	0.00038 (J)		0.0044	0.0014 (J)	0.00092 (J)	0.00076 (J)	0.0047
3/27/2019	<0.0025					0.0012 (J)	
3/28/2019			0.0046	0.0014 (J)	0.00089 (J)		0.0045
9/11/2019	0.00032 (J)						
9/12/2019			0.0023	0.0015	0.00091	0.00074	0.0043
3/10/2020	0.00028 (J)		0.003	0.0019	0.0009	0.00099	
3/11/2020							0.0056
4/2/2020				0.0017 (J)			
9/21/2020	0.0003 (J)			0.0016 (J)	0.00059 (J)		0.0025
9/22/2020			<0.0025			0.00064 (J)	
3/23/2021	0.00028 (J)	0.00019 (J)	0.00096 (J)	0.0017 (J)			0.003
3/24/2021					0.00069 (J)	0.00077 (J)	
8/17/2021	0.00032 (J)	0.00025 (J)	0.00016 (J)	0.002 (J)	0.00096 (J)	0.00085 (J)	0.0026
2/7/2022			0.00073 (J)				0.0024 (J)
2/8/2022	0.00029 (J)	0.00032 (J)		0.0019 (J)	0.00096 (J)	0.001 (J)	
8/30/2022	0.00031 (J)	0.00029 (J)	0.004	0.0023 (J)	0.00097 (J)	0.0016 (J)	0.0024 (J)
1/31/2023		0.00028 (J)	0.0041				0.0023 (J)
2/1/2023				0.0027	0.0012 (J)		
2/2/2023						0.0017 (J)	
3/28/2023		0.00032 (J)					
5/30/2023		0.00028 (J)					
7/26/2023		<0.005					
8/28/2023		<0.005			0.001 (J)		0.0019 (J)
8/29/2023			0.0029	0.0026			
9/6/2023						0.0017 (J)	
1/23/2024		<0.005	0.0033	0.003	0.001 (J)	0.0018 (J)	0.0018 (J)
8/19/2024			0.0032				0.0018 (J)
8/20/2024		0.00028 (J)		0.0029	0.0012 (J)	0.0012 (J)	
1/27/2025							0.0017 (J)
1/28/2025		0.00029 (J)	0.0035	0.0031	0.0011 (J)	0.0015 (J)	
7/29/2025		<0.005	0.0043 (J)	0.0032 (J)	0.00053 (J)	0.0011 (J)	0.0019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		<0.0013	<0.0025		
11/12/1999		<0.0013	<0.0025		
12/29/1999		<0.0013	<0.0025		
2/17/2000		<0.0013	<0.0025		
9/14/2000		<0.0013	<0.0025		
11/10/2000		<0.0013	<0.0025		
1/4/2001		<0.0013	<0.0025		
12/11/2001		<0.0013	<0.0025		
4/4/2002		<0.0013	<0.0025		
12/6/2002			<0.0025		
12/9/2002		<0.0013			
6/28/2003		<0.0013	<0.0025		
12/13/2003		<0.0013	<0.0025		
5/29/2004		<0.0013	<0.0025		
12/12/2004		0.0062	<0.0025		
6/25/2005		<0.0013	<0.0025		
12/13/2005		<0.0013	<0.0025		
6/26/2006		<0.0013	<0.0025		
12/2/2006		<0.0013	<0.0025		
6/22/2007		<0.0013	<0.0025		
12/14/2007		<0.0013	<0.0025		
6/21/2008			0.0025		
6/22/2008		<0.0013			
12/6/2008		<0.0013	<0.0025		
7/11/2009		<0.0013	<0.0025		
12/23/2009		<0.0013	<0.0025		
6/23/2010		<0.0013	<0.0025		
1/8/2011		<0.0013	<0.0025		
7/10/2011		<0.0013	<0.0025		
1/20/2012		<0.0013	<0.0025		
7/12/2012		<0.0013	<0.0025		
1/21/2013		<0.0013	<0.0025		
7/20/2013		<0.0013	<0.0025		
1/17/2014		<0.0013	0.0008 (J)		
7/11/2014			0.00076 (J)		
7/12/2014		0.00071 (J)			
1/15/2015		0.00096 (J)			
1/16/2015			0.00071 (J)		
7/15/2015		0.0006 (J)	0.00064 (J)		
1/17/2016		0.00069 (J)	0.00066 (J)		
6/22/2016		0.0011 (J)	0.0009 (J)		
8/31/2016		0.0006 (J)	0.0006 (J)		
1/24/2017		0.00067 (J)			
1/25/2017			0.00047 (J)		
7/19/2017		0.00079 (J)			
7/20/2017			<0.0025		
9/21/2017		0.00077 (J)	<0.0025		
1/9/2018		0.00092 (J)	0.00048 (J)		
3/28/2018			0.00048 (J)		
3/29/2018		0.0008 (J)			
7/10/2018		0.00097 (J)	0.00084 (J)		
10/9/2018		0.00094 (J)	0.00042 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
1/30/2019			0.00038 (J)		
1/31/2019		0.00092 (J)			
3/28/2019		0.00072 (J)	<0.0025		
9/12/2019		0.0009	0.00044 (J)		
3/31/2020		0.00061 (J)	0.00033 (J)		
9/22/2020		0.00092 (J)	0.00042 (J)		
3/23/2021		0.00069 (J)			0.0034
3/24/2021	0.0063		0.00037 (J)	0.0023 (J)	
8/18/2021	0.0053	0.0011 (J)	0.00034 (J)	0.0021 (J)	0.0016 (J)
2/8/2022		0.0013 (J)		0.002 (J)	
2/9/2022	0.0044		0.00042 (J)		0.0012 (J)
8/30/2022	0.0044	0.0012 (J)	0.00048 (J)		
8/31/2022				0.0018 (J)	0.0012 (J)
1/31/2023	0.0046			0.0021 (J)	0.0011 (J)
2/1/2023		0.0013 (J)	0.00047 (J)		
3/29/2023	0.0051			0.0021 (J)	0.001 (J)
5/31/2023	0.005			0.0021 (J)	0.0011 (J)
7/26/2023	0.0054			0.0026	0.0011 (J)
8/29/2023	0.0047	0.0014 (J)	0.00045 (J)	0.0023 (J)	0.00099 (J)
1/23/2024	0.0042	0.0014 (J)	0.0004 (J)	0.0027	0.00095 (J)
8/20/2024	0.0048	0.0015 (J)	0.00048 (J)	0.0037	0.001 (J)
1/28/2025	0.0047	0.0017 (J)	0.00061 (J)	0.0036	0.00095 (J)
7/29/2025				0.0033 (J)	0.00094 (J)
7/30/2025	0.0045 (J)	0.0014 (J)	0.00041 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	<0.002			<0.002	<0.002	<0.002	
11/12/1999	<0.002			<0.002	<0.002	<0.002	
12/29/1999	<0.002			<0.002	<0.002	<0.002	
2/17/2000	<0.002			<0.002	<0.002	<0.002	
9/13/2000	<0.002			<0.002	<0.002	<0.002	
11/10/2000	<0.002			<0.002	<0.002	<0.002	
1/3/2001					<0.002	<0.002	
1/4/2001	<0.002			<0.002			
12/10/2001	<0.002				<0.002	<0.002	
12/11/2001				<0.002			
4/4/2002	<0.002			<0.002	<0.002	<0.002	
12/6/2002	<0.002						
12/9/2002				<0.002	<0.002	0.0089 (O)	
6/28/2003	<0.002			<0.002	<0.002	0.019 (O)	
12/13/2003	<0.002			<0.002	<0.002	0.0067 (O)	
5/28/2004	0.0052						
5/29/2004				<0.002	<0.002	0.0057 (O)	
12/11/2004	<0.002			<0.002	<0.002	0.0027	
6/24/2005	<0.002			<0.002	<0.002	0.0038	
12/13/2005	<0.002			<0.002	<0.002	0.0025	
6/26/2006						0.0033	
6/27/2006	0.0055			<0.002	<0.002		
12/1/2006	<0.002			<0.002	<0.002	<0.002	
6/21/2007				<0.002	<0.002	0.0035	
6/22/2007	0.0032						
12/15/2007	<0.002			<0.002	<0.002	<0.002	
6/21/2008					<0.002		
6/22/2008	<0.002			<0.002		<0.002	
12/6/2008				<0.002	<0.002	<0.002	
12/7/2008	<0.002						
7/10/2009				<0.002			
7/11/2009	<0.002				<0.002	<0.002	
12/22/2009						0.0025	
12/23/2009	0.0025			<0.002	<0.002		
6/23/2010				<0.002	<0.002	<0.002	
6/24/2010	<0.002						
1/8/2011				<0.002	<0.002	<0.002	
1/9/2011	0.004						
7/10/2011				<0.002	<0.002	<0.002	
7/11/2011	<0.002						
1/19/2012				<0.002	<0.002		
1/20/2012	<0.002					<0.002	
7/12/2012				<0.002	<0.002	<0.002	
7/13/2012	<0.002						
1/21/2013	<0.002			<0.002	<0.002	<0.002	
7/20/2013	<0.002			<0.002	<0.002	<0.002	
1/17/2014	0.0031 (J)			<0.002	0.00092 (J)	0.00092 (J)	
7/12/2014	0.00098 (J)			<0.002	<0.002	<0.002	
1/15/2015				<0.002	<0.002		
1/16/2015	<0.002					<0.002	
7/15/2015	<0.002			<0.002	<0.002	<0.002	
1/16/2016	<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 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
6/22/2016	0.0012 (J)			0.0005 (J)	<0.002	0.001 (J)	
1/19/2017				<0.002	<0.002	<0.002	
2/28/2017	<0.002						
7/17/2017	<0.002						
7/18/2017				<0.002	<0.002		
7/19/2017						<0.002	
1/8/2018	<0.002						
1/9/2018				<0.002	0.0025	<0.002	
7/9/2018	<0.002						
7/10/2018	<0.002			<0.002	<0.002	<0.002	
1/30/2019	<0.002		0.0035	<0.002	<0.002	<0.002	0.0018 (J)
3/27/2019	<0.002					<0.002	
3/28/2019			0.0031	<0.002	<0.002		<0.002
9/11/2019	<0.002						
9/12/2019			0.0038	0.0024	0.0022	0.0011 (J)	0.0041
3/10/2020	<0.002		0.0021	0.00082 (J)	<0.002	0.0019 (J)	
3/11/2020							0.0032
4/2/2020				0.0019 (J)			
9/21/2020	<0.002			<0.002	<0.002		0.0018 (J)
9/22/2020			0.00096 (J)			0.0013 (J)	
3/23/2021	<0.002	0.0015 (J)	0.0011 (J)	<0.002			0.0027
3/24/2021					<0.002	0.00077 (J)	
8/17/2021	<0.002	<0.002	0.0043	<0.002	<0.002	<0.002	0.0025
2/7/2022			0.0012 (J)				0.008
2/8/2022	<0.002	<0.002		0.0011 (J)	<0.002	<0.002	
8/30/2022	<0.002	<0.002	0.0013 (J)	0.0029	0.0012 (J)	0.0011 (J)	0.0028
1/31/2023		<0.002	<0.002				<0.002
2/1/2023				<0.002	<0.002		
2/2/2023						0.0018 (J)	
3/28/2023		<0.002					
5/30/2023		<0.002					
7/26/2023		<0.002					
8/28/2023		<0.002			<0.002		0.0016 (J)
8/29/2023			<0.002	0.0057			
9/6/2023						<0.002	
1/23/2024		<0.002	<0.002	0.0012 (J)	<0.002	<0.002	0.0011 (J)
8/19/2024			<0.002				0.0015 (J)
8/20/2024		<0.002		0.003	<0.002	<0.002	
1/27/2025							<0.002
1/28/2025		<0.002	<0.002	0.0018 (J)	<0.002	0.0011 (J)	
7/29/2025		<0.002	0.00094 (J)	0.0019 (J)	<0.002	0.0011 (J)	0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		<0.002	<0.002		
11/12/1999		<0.002	<0.002		
12/29/1999		<0.002	<0.002		
2/17/2000		<0.002	<0.002		
9/14/2000		<0.002	<0.002		
11/10/2000		<0.002	<0.002		
1/4/2001		<0.002	<0.002		
12/11/2001		<0.002	<0.002		
4/4/2002		<0.002	<0.002		
12/6/2002			<0.002		
12/9/2002		<0.002			
6/28/2003		<0.002	<0.002		
12/13/2003		<0.002	<0.002		
5/29/2004		<0.002	<0.002		
12/12/2004		0.11 (O)	<0.002		
6/25/2005		<0.002	<0.002		
12/13/2005		<0.002	<0.002		
6/26/2006		<0.002	<0.002		
12/2/2006		<0.002	<0.002		
6/22/2007		<0.002	<0.002		
12/14/2007		<0.002	<0.002		
6/21/2008			<0.002		
6/22/2008		<0.002			
12/6/2008		<0.002	<0.002		
7/11/2009		<0.002	<0.002		
12/23/2009		<0.002	<0.002		
6/23/2010		<0.002	<0.002		
1/8/2011		<0.002	<0.002		
7/10/2011		<0.002	<0.002		
1/20/2012		<0.002	<0.002		
7/12/2012		<0.002	<0.002		
1/21/2013		<0.002	<0.002		
7/20/2013		<0.002	<0.002		
1/17/2014		0.0065 (O)	<0.002		
7/11/2014			0.00086 (J)		
7/12/2014		<0.002			
1/15/2015		<0.002			
1/16/2015			<0.002		
7/15/2015		<0.002	<0.002		
1/17/2016		<0.002	<0.002		
6/22/2016		0.0005 (J)	<0.002		
1/24/2017		<0.002			
1/25/2017			<0.002		
7/19/2017		<0.002			
7/20/2017			<0.002		
1/9/2018		<0.002	<0.002		
7/10/2018		<0.002	<0.002		
1/30/2019			<0.002		
1/31/2019		<0.002			
3/28/2019		<0.002	<0.002		
9/12/2019		0.002	<0.002		
3/31/2020		<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
9/22/2020		<0.002	<0.002		
3/23/2021		<0.002			<0.002
3/24/2021	0.001 (J)		<0.002	<0.002	
8/18/2021	0.00085 (J)	<0.002	<0.002	<0.002	<0.002
2/8/2022		0.0019 (J)		<0.002	
2/9/2022	<0.002		<0.002		<0.002
8/30/2022	0.0019 (J)	<0.002	<0.002		
8/31/2022				<0.002	<0.002
1/31/2023	<0.002			<0.002	<0.002
2/1/2023		<0.002	<0.002		
3/29/2023	0.0011 (J)			<0.002	<0.002
5/31/2023	0.0012 (J)			<0.002	<0.002
7/26/2023	<0.002			<0.002	<0.002
8/29/2023	<0.002	<0.002	<0.002	<0.002	<0.002
1/23/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/20/2024	<0.002	<0.002	<0.002	<0.002	<0.002
1/28/2025	<0.002	<0.002	<0.002	<0.002	<0.002
7/29/2025				<0.002	<0.002
7/30/2025	0.00084 (J)	<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
8/31/2016				<0.2	<0.1	0.13 (J)	
9/1/2016	<0.1						
1/19/2017				<0.2	0.089 (J)	<0.1	
2/28/2017	0.098 (J)						
4/19/2017	<0.1						
7/17/2017	<0.1						
7/18/2017				<0.2	<0.1		
7/19/2017						<0.1	
9/20/2017	<0.1			<0.2			
9/21/2017					<0.1	0.13 (J)	
1/8/2018	<0.1						
1/9/2018				<0.2	<0.1	0.13 (J)	
3/27/2018	<0.1			<0.2	<0.1	0.21	
7/10/2018	<0.1			<0.2	<0.1	0.17 (J)	
10/8/2018	<0.1		<0.2		<0.1	0.11 (J)	<0.5
10/9/2018				<0.2			
1/30/2019	<0.1		<0.2	<0.2	0.029 (J)	0.089 (J)	<0.5
3/27/2019	<0.1					0.1 (J)	
3/28/2019			<0.2	<0.2	<0.1		<0.5
9/11/2019	<0.1						
9/12/2019			0.036 (J)	<0.2	0.035 (J)	0.052 (J)	<0.5
3/10/2020	<0.1		<0.2	0.026 (J)	0.066 (J)	0.051 (J)	
3/11/2020							<0.5
4/2/2020				0.051 (J)			
9/21/2020	<0.1			<0.2	0.06 (J)		<0.5
9/22/2020			0.039 (J)			0.049 (J)	
3/23/2021	<0.1	0.079 (J)	<0.2	<0.2			<0.5
3/24/2021					0.12	0.08 (J)	
8/17/2021	0.038 (J)	0.09 (J)	0.083 (J)	0.064 (J)	0.061 (J)	0.097 (J)	0.033 (J)
2/7/2022			0.027 (J)				<0.5
2/8/2022	<0.1	0.077 (J)		0.033 (J)	0.061 (J)	0.12	
8/30/2022	<0.1	0.51	<0.2	<0.2	0.047 (J)	0.11	<0.5
1/31/2023		0.13	<0.2				<0.5
2/1/2023				<0.2	0.043 (J)		
2/2/2023						0.12	
3/28/2023		0.04 (J)					
5/30/2023		0.067 (J)					
7/26/2023		0.19					
8/28/2023		0.21			0.051 (J)		<0.5
8/29/2023			<0.2	<0.2			
9/6/2023						0.15	
1/23/2024		0.24	<0.2	0.049 (J)	0.077 (J)	0.15	<0.5
8/19/2024			<0.2				<0.5
8/20/2024		<0.1		<0.2	<0.1	0.13	
1/27/2025							<0.5
1/28/2025		<0.1	<0.2	<0.2	<0.1	<0.1	
7/29/2025		0.11 (J)	<0.2	<0.2	0.14 (J)	0.21	0.085 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
8/31/2016		<0.2	<0.2		
1/24/2017		<0.2			
1/25/2017			<0.2		
7/19/2017		<0.2			
7/20/2017			<0.2		
9/21/2017		<0.2	<0.2		
1/9/2018		<0.2	<0.2		
3/28/2018			<0.2		
3/29/2018		<0.2			
7/10/2018		<0.2	<0.2		
10/9/2018		<0.2	<0.2		
1/30/2019			<0.2		
1/31/2019		<0.2			
3/28/2019		<0.2	<0.2		
9/12/2019		<0.2	<0.2		
3/31/2020		0.043 (J)	0.028 (J)		
9/22/2020		<0.2	<0.2		
3/23/2021		<0.2			<0.1
3/24/2021	0.046 (J)		<0.2	<0.1	
8/18/2021	0.072 (J)	<0.2	<0.2	<0.1	0.039 (J)
2/8/2022		<0.2		0.033 (J)	
2/9/2022	0.069 (J)		0.038 (J)		0.042 (J)
8/30/2022	0.071 (J)	<0.2	<0.2		
8/31/2022				<0.1	<0.1
1/31/2023	0.074 (J)			<0.1	<0.1
2/1/2023		<0.2	<0.2		
3/29/2023	0.066 (J)			<0.1	<0.1
5/31/2023	0.11			0.056 (J)	0.05 (J)
7/26/2023	0.085 (J)			<0.1	<0.1
8/29/2023	0.08 (J)	<0.2	<0.2	<0.1	<0.1
1/23/2024	0.1	0.043 (J)	<0.2	<0.1	<0.1
8/20/2024	<0.2	<0.2	<0.2	<0.1	<0.1
1/28/2025	<0.2	<0.2	<0.2	<0.1	<0.1
7/29/2025				0.14 (J)	0.12 (J)
7/30/2025	0.12 (J)	<0.2	<0.2		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	0.0077			<0.001	<0.001	<0.001	
11/12/1999	0.0063 (O)			<0.001	<0.001	<0.001	
12/29/1999	0.016			<0.001	<0.001	<0.001	
2/17/2000	0.011			<0.001	<0.001	<0.001	
9/13/2000	<0.001			<0.001	<0.001	<0.001	
11/10/2000	<0.001			<0.001	<0.001	<0.001	
1/3/2001					<0.001	<0.001	
1/4/2001	<0.001			<0.001			
12/10/2001	<0.001				<0.001	<0.001	
12/11/2001				<0.001			
4/4/2002	<0.001			<0.001	<0.001	<0.001	
12/6/2002	<0.001						
12/9/2002				<0.001	<0.001	0.011	
6/28/2003	<0.001			<0.001	<0.001	<0.001	
12/13/2003	<0.001			<0.001	<0.001	<0.001	
5/28/2004	0.015						
5/29/2004				<0.001	<0.001	<0.001	
12/11/2004	0.01			<0.001	<0.001	<0.001	
6/24/2005	<0.001			<0.001	<0.001	<0.001	
12/13/2005	<0.001			<0.001	<0.001	<0.001	
6/26/2006						<0.001	
6/27/2006	0.013			<0.001	<0.001		
12/1/2006	<0.001			<0.001	<0.001	<0.001	
6/21/2007				<0.001	<0.001	<0.001	
6/22/2007	<0.001						
12/15/2007	<0.001			<0.001	<0.001	<0.001	
6/21/2008					<0.001		
6/22/2008	<0.001			<0.001		<0.001	
12/6/2008				<0.001	<0.001	<0.001	
12/7/2008	<0.001						
7/10/2009				<0.001			
7/11/2009	<0.001				<0.001	<0.001	
12/22/2009						<0.001	
12/23/2009	<0.001			<0.001	<0.001		
6/23/2010				<0.001	<0.001	<0.001	
6/24/2010	<0.001						
1/8/2011				<0.001	<0.001	<0.001	
1/9/2011	<0.001						
7/10/2011				<0.001	<0.001	<0.001	
7/11/2011	<0.001						
1/19/2012				<0.001	<0.001		
1/20/2012	<0.001					<0.001	
7/12/2012				<0.001	<0.001	<0.001	
7/13/2012	<0.001						
1/21/2013	<0.001			<0.001	<0.001	<0.001	
7/20/2013	<0.001			<0.001	<0.001	<0.001	
1/17/2014	0.0086 (J)			<0.001	<0.001	<0.001	
7/12/2014	<0.001			<0.001	<0.001	<0.001	
1/15/2015				<0.001	<0.001		
1/16/2015	<0.001					<0.001	
7/15/2015	<0.001			<0.001	<0.001	<0.001	
1/16/2016	<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 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
6/22/2016	0.0022 (J)			0.0004 (J)	0.0003 (J)	0.001 (J)	
8/31/2016				<0.001	<0.001	0.00099 (J)	
9/1/2016	0.082 (O)						
12/15/2016	0.0027						
1/19/2017				<0.001	<0.001	0.001 (J)	
2/28/2017	<0.001						
4/19/2017	<0.001						
7/17/2017	<0.001						
7/18/2017				<0.001	<0.001		
7/19/2017						0.00081 (J)	
9/20/2017	0.00035 (J)			<0.001			
9/21/2017					0.0076	0.00086 (J)	
1/8/2018	<0.001						
1/9/2018				<0.001	0.0023	0.00059 (J)	
3/27/2018	<0.001			<0.001	<0.001	<0.001	
7/10/2018	<0.001			<0.001	<0.001	0.00045 (J)	
10/8/2018	<0.001		<0.001		<0.001	0.00037 (J)	<0.001
10/9/2018				0.00039 (J)			
1/30/2019	0.00021 (J)		0.00028 (J)	0.00034 (J)	0.00013 (J)	0.00064 (J)	<0.001
3/27/2019	<0.001					0.0012 (J)	
3/28/2019			<0.001	0.00038 (J)	<0.001		<0.001
9/11/2019	<0.001						
9/12/2019			<0.001	<0.001	<0.001	0.00082 (J)	<0.001
3/10/2020	0.00015 (J)		<0.001	0.00013 (J)	0.00031 (J)	0.0022	
3/11/2020							<0.001
4/2/2020				0.00062 (J)			
9/21/2020	<0.001			<0.001	0.00025 (J)		<0.001
9/22/2020			<0.001			0.0012	
3/23/2021	0.00017 (J)	<0.001	<0.001	0.00029 (J)			<0.001
3/24/2021					0.00021 (J)	0.00066 (J)	
8/17/2021	<0.001	<0.001	0.00073 (J)	0.00015 (J)	<0.001	0.00044 (J)	<0.001
2/7/2022			<0.001				<0.001
2/8/2022	<0.001	<0.001		<0.001	<0.001	0.00058 (J)	
8/30/2022	<0.001	<0.001	<0.001	<0.001	<0.001	0.00064 (J)	<0.001
1/31/2023		<0.001	<0.001				<0.001
2/1/2023				0.00027 (J)	<0.001		
2/2/2023						0.0013	
3/28/2023		<0.001					
5/30/2023		0.00043 (J)					
7/26/2023		<0.001					
8/28/2023		<0.001			<0.001		<0.001
8/29/2023			<0.001	<0.001			
9/6/2023						0.0007 (J)	
1/23/2024		<0.001	<0.001	0.00031 (J)	<0.001	0.0011	0.00056 (J)
8/19/2024			<0.001				<0.001
8/20/2024		<0.001		0.0003 (J)	<0.001	0.00046 (J)	
1/27/2025							<0.001
1/28/2025		<0.001	<0.001	0.00031 (J)	<0.001	0.0006 (J)	
7/29/2025		<0.001	<0.001	<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 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		0.0054 (O)	<0.001		
11/12/1999		<0.001	<0.001		
12/29/1999		<0.001	<0.001		
2/17/2000		<0.001	<0.001		
9/14/2000		<0.001	0.0067 (O)		
11/10/2000		<0.001	<0.001		
1/4/2001		<0.001	<0.001		
12/11/2001		<0.001	<0.001		
4/4/2002		<0.001	<0.001		
12/6/2002			<0.001		
12/9/2002		<0.001			
6/28/2003		<0.001	<0.001		
12/13/2003		<0.001	<0.001		
5/29/2004		<0.001	<0.001		
12/12/2004		<0.001	<0.001		
6/25/2005		<0.001	<0.001		
12/13/2005		<0.001	<0.001		
6/26/2006		<0.001	<0.001		
12/2/2006		<0.001	<0.001		
6/22/2007		<0.001	<0.001		
12/14/2007		<0.001	<0.001		
6/21/2008			<0.001		
6/22/2008		<0.001			
12/6/2008		<0.001	<0.001		
7/11/2009		<0.001	<0.001		
12/23/2009		<0.001	<0.001		
6/23/2010		<0.001	<0.001		
1/8/2011		<0.001	<0.001		
7/10/2011		<0.001	<0.001		
1/20/2012		<0.001	<0.001		
7/12/2012		<0.001	<0.001		
1/21/2013		<0.001	<0.001		
7/20/2013		<0.001	<0.001		
1/17/2014		<0.001	<0.001		
7/11/2014			<0.001		
7/12/2014		<0.001			
1/15/2015		<0.001			
1/16/2015			<0.001		
7/15/2015		<0.001	<0.001		
1/17/2016		<0.001	<0.001		
6/22/2016		0.0001 (J)	<0.001		
8/31/2016		<0.001	<0.001		
1/24/2017		<0.001			
1/25/2017			<0.001		
7/19/2017		<0.001			
7/20/2017			<0.001		
9/21/2017		0.0014 (O)	<0.001		
1/9/2018		<0.001	<0.001		
3/28/2018			<0.001		
3/29/2018		<0.001			
7/10/2018		<0.001	<0.001		
10/9/2018		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
1/30/2019			<0.001		
1/31/2019		0.00015 (J)			
3/28/2019		<0.001	<0.001		
9/12/2019		<0.001	<0.001		
3/31/2020		<0.001	<0.001		
9/22/2020		<0.001	<0.001		
3/23/2021		<0.001			<0.001
3/24/2021	<0.001		<0.001	0.0003 (J)	
8/18/2021	<0.001	<0.001	<0.001	0.00021 (J)	<0.001
2/8/2022		<0.001		0.00061 (J)	
2/9/2022	<0.001		<0.001		<0.001
8/30/2022	<0.001	<0.001	<0.001		
8/31/2022				0.00027 (J)	<0.001
1/31/2023	<0.001			<0.001	<0.001
2/1/2023		<0.001	<0.001		
3/29/2023	<0.001			<0.001	<0.001
5/31/2023	0.00048 (J)			0.00061 (J)	0.00038 (J)
7/26/2023	<0.001			<0.001	<0.001
8/29/2023	<0.001	<0.001	<0.001	<0.001	0.00038 (J)
1/23/2024	<0.001	<0.001	<0.001	0.0003 (J)	0.00023 (J)
8/20/2024	<0.001	<0.001	<0.001	0.00024 (J)	<0.001
1/28/2025	<0.001	<0.001	<0.001	<0.001	<0.001
7/29/2025				<0.001	<0.001
7/30/2025	<0.001	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	6.63			6.42	6.51	6.3	
11/12/1999	5.51			5.03	5.46	4.72	
12/29/1999	5.23			4.92	5.13	4.8	
2/17/2000	5.29			5.13	5.22	4.78	
9/13/2000	5.41			4.85	4.86	4.58	
11/10/2000	5.47			5.05	5.29	4.5	
1/4/2001	5.44			5.08	5.53	4.61	
12/11/2001	4.86			4.81	5.37	4.87	
4/4/2002	5.1			4.92	5.32	4.96	
12/6/2002	5.05			5.07	5.45	4.4	
6/28/2003	4.91			4.69	4.73	3.77	
12/13/2003	4.87			4.81	4.53	4.25	
5/28/2004	4.98			3.93	4.22	3.9	
12/10/2004	4.35			4.25	4.26	3.71	
6/24/2005	4.82			4.5	4.47	3.94	
12/13/2005	4.66			4.52	4.47	3.94	
6/26/2006						5.56	
6/27/2006	5.49			3.59	3.68		
7/11/2014	5.55						
7/12/2014				5.44	5.33	3.88	
7/15/2015	5.13			4.98	4.94	4.19	
1/16/2016	5.06			4.87	4.85	4.35	
6/22/2016	5.15			4.92	5.09	4.64	
8/31/2016				4.92	4.79	4.53	
12/15/2016	4.92						
1/19/2017				4.86	4.72	4.79	
2/28/2017	5.33						
7/17/2017	5.09						
7/18/2017				5.02	4.96		
7/19/2017						4.83	
9/20/2017	5.29			4.72			
9/21/2017					4.7	4.57	
1/8/2018	5.26			4.92			
1/9/2018				4.83	4.91	4.4	
3/27/2018	5.27			4.91	4.92	4.11	
7/10/2018	5.17			4.87	4.94	4.62	
10/8/2018	5.18		5.29		4.76	4.51	5.79
10/9/2018				4.84			
1/30/2019	5.17		5.08	4.88	4.94	4.72	5.15
3/27/2019	5.09					4.56	
3/28/2019			4.93	4.8	4.99		5.62
9/11/2019	5.1						
9/12/2019			5.57	4.99	4.92	4.54	5.1
3/10/2020	5.48		5.56	4.79	4.59	4.81	
3/11/2020							5.05
4/2/2020				4.75			
9/21/2020	4.95			4.69	4.6		5.35
9/22/2020			5.83			4.99	
3/23/2021	5.17	5.63	5.61	4.6			5.01
3/24/2021					4.42	4.37	
8/17/2021	5.24	5.83	5.82	4.76	4.78	4.63	5.51
2/7/2022			5.7				5.29

Time Series

Constituent: pH, Field (SU) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
2/8/2022	5.17	5.43		4.69	4.93	4.67	
8/30/2022	5.01	5.86	4.9	4.71	4.72	4.51	5
1/31/2023		6.15	5.07				5
2/1/2023				4.52	4.77		
2/2/2023						4.59	
3/28/2023		5.73					
5/30/2023		5.89					
7/26/2023		5.86					
8/28/2023		5.72			4.34		4.91
8/29/2023			5.78	4.46			
9/6/2023						4.32	
1/23/2024		6.52	5.14	4.65	4.98	4.66	5.01
8/19/2024			5.7				5.16
8/20/2024		5.71		4.96	4.81	4.62	
1/27/2025							5.18
1/28/2025		5.5	5	4.52	4.88	4.5	
7/29/2025		5.32	4.89	4.73	4.58	4.67	4.99

Time Series

Constituent: pH, Field (SU) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		6.08	5.33		
11/12/1999		5.35	4.6		
12/29/1999		5.19	4.8		
2/17/2000		5.18	4.98		
9/13/2000		5.13	4.75		
11/10/2000		5.2	4.65		
1/4/2001		5.14	4.83		
12/11/2001		4.93	4.73		
4/4/2002		5	5.05		
12/6/2002		5.02	4.65		
6/28/2003		4.92	4		
12/13/2003		4.82	4.97		
5/28/2004		4.6	4.51		
12/10/2004		4.29	4.09		
2/5/2005		4.43			
6/24/2005		4.56	4.27		
12/13/2005		4.34	4.54		
6/26/2006		4.38	4.57		
7/11/2014			4.64		
7/12/2014		5.68			
7/15/2015		5.22	4.67		
1/17/2016		6.07			
6/22/2016		5.84	4.69		
8/31/2016		5.84	4.92		
1/24/2017		5.25			
1/25/2017			4.73		
7/19/2017		5.54			
7/20/2017			4.96		
9/21/2017		5.19	4.78		
1/9/2018		4.97	4.79		
3/28/2018			4.44		
3/29/2018		5.15			
7/10/2018		5.37	4.88		
10/9/2018		5.04	4.85		
1/30/2019			4.52		
1/31/2019		5.38			
3/28/2019		5.38	4.68		
9/12/2019		5.14	4.89		
3/31/2020		5.64	4.66 (D)		
9/22/2020		5.04	4.92		
3/23/2021		5.61			5.31
3/24/2021	4.38		4.59	5.42	
8/18/2021	4.59	4.98	4.76	5.17	5.26
2/8/2022		4.79		5.2	
2/9/2022	4.53		4.82 (D)		5.31
8/30/2022	4.43	4.96	4.71		
8/31/2022				4.97	5.07
1/31/2023	4.43			4.85	5.32
2/1/2023		4.83	4.6		
3/29/2023	4.38			4.69	5.18
5/31/2023	4.31			4.62	5.07
7/26/2023	4.26			4.57	4.93

Time Series

Constituent: pH, Field (SU) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
8/29/2023	4.25	4.63	4.39	4.6	4.96
1/23/2024	4.55	4.96	4.64	4.8	5.32
8/20/2024	4.52	5.6	4.68	4.78	5.3
1/28/2025	4.46	5.01	4.69	4.69	5.26
7/29/2025				4.85	5.13
7/30/2025	4.41	5	4.84		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
8/31/2016				<1	7	21	
9/1/2016	<1						
1/19/2017				<1	6.3	11	
2/28/2017	2.7						
4/19/2017	<1						
7/17/2017	<1						
7/18/2017				<1	4.7		
7/19/2017						12	
9/20/2017	<1			<1			
9/21/2017					4.5	15	
1/8/2018	<1						
1/9/2018				<1	3	25	
3/27/2018	<1			<1	3.8	31	
7/10/2018	<1			<1	3.4	19	
10/8/2018	<1		73		3.4	17	75
10/9/2018				<1			
1/30/2019	1.2		74	0.41 (J)	3.5	15	85
3/27/2019	<1					20	
3/28/2019			71	0.44 (J)	3		85
9/11/2019	<1						
9/12/2019			59	0.69 (J)	3.7	10	81
3/10/2020	1.5		57	3	7.2	15	
3/11/2020							110
4/2/2020				<1			
9/21/2020	<1			<1	5		49
9/22/2020			52			12	
3/23/2021	<1	6.8	49	<1			88
3/24/2021					7	16	
8/17/2021	<1	5.2	54	<1	5	11	84
2/7/2022			42				54
2/8/2022	<1	2.8		<1	5.9	13	
8/30/2022	<1	1.6	74	<1	3.5	13	73
1/31/2023		1	71				74
2/1/2023				<1	3.1		
2/2/2023						15	
3/28/2023		2					
5/30/2023		2					
7/26/2023		1.5					
8/28/2023		1.4			3.2		67
8/29/2023			42	<1			
9/6/2023						14	
1/23/2024		1.4	54	<1	3.3	14	66
8/19/2024			32				77
8/20/2024		0.78 (J)		<1	4	19	
1/27/2025							65
1/28/2025		0.7 (J)	65	<1	3.4	18	
7/29/2025		0.84 (J)	80	<1	4.2	14	68

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
8/31/2016		<1	1.7		
1/24/2017		<1			
1/25/2017			1.8		
7/19/2017		<1			
7/20/2017			0.83 (J)		
9/21/2017		<1	1.1		
1/9/2018		<1	0.79 (J)		
3/28/2018			0.79 (J)		
3/29/2018		<1			
7/10/2018		<1	0.76 (J)		
10/9/2018		<1	<1		
1/30/2019			0.9 (J)		
1/31/2019		0.57 (J)			
3/28/2019		<1	1.1		
9/12/2019		0.43 (J)	1.1		
3/31/2020		1	2.5		
9/22/2020		<1	0.76 (J)		
3/23/2021		0.8 (J)			10
3/24/2021	1		<1	26	
8/18/2021	0.84 (J)	1.2	<1	10	8.3
2/8/2022		2.7		5.9	
2/9/2022	<1		<1		5.4
8/30/2022	<1	1.1	<1		
8/31/2022				<1	3.5
1/31/2023	<1			<1	3.3
2/1/2023		1.3	<1		
3/29/2023	<1			<1	4
5/31/2023	0.43 (J)			0.71 (J)	3.3
7/26/2023	<1			0.43 (J)	3.2
8/29/2023	0.4 (J)	5.2	0.57 (J)	0.48 (J)	2.7
1/23/2024	<1	3.8	0.41 (J)	<1	3.3
8/20/2024	0.48 (J)	5.1	0.95 (J)	0.52 (J)	3.2
1/28/2025	<1	4.6	1.1	<1	2.2
7/29/2025				<1	1.8
7/30/2025	<1	5.5	1.4		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
8/31/2016				42	14	66	
9/1/2016	2200 (O)						
1/19/2017				52	34	48	
2/28/2017	74						
4/19/2017	8						
7/17/2017	50						
7/18/2017				32	26		
7/19/2017						48	
9/20/2017	26			16			
9/21/2017					24	76	
1/8/2018	16						
1/9/2018				4 (J)	16	18	
3/27/2018	40			30	<5	48	
7/10/2018	90			30	14	76	
10/8/2018	70		170		36	8	180
10/9/2018				56			
1/30/2019	82		140	41	40	67	180
3/27/2019	66					70	
3/28/2019			150	36	24		170
9/11/2019	53						
9/12/2019			89	<10	10	20	140
3/10/2020	67		130	49	39	67	
3/11/2020							180
4/2/2020				61			
9/21/2020	31			61	31		130
9/22/2020			110			53	
3/23/2021	47	63	130	76			180
3/24/2021					36	60	
8/17/2021	36	43	130	83	33	50	160
2/7/2022			120				150
2/8/2022	45	39		62	29	57	
8/30/2022	55	79	150	87	40	64	160
1/31/2023		76	140				150
2/1/2023				85	34		
2/2/2023						65	
3/28/2023		48					
5/30/2023		51					
7/26/2023		84					
8/28/2023		85			48		140
8/29/2023			110	85			
9/6/2023						66	
1/23/2024		100	120	99	32	68	140
8/19/2024			98				130
8/20/2024		50		94	40	53	
1/27/2025							130
1/28/2025		52	120	98	37	58	
7/29/2025		58	160	110	34	65	170

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
8/31/2016		42	36		
1/24/2017		28			
1/25/2017			58		
7/19/2017		42			
7/20/2017			16		
9/21/2017		46	24		
1/9/2018		10	8		
3/28/2018			26		
3/29/2018		52			
7/10/2018		38	26		
10/9/2018		52	16		
1/30/2019			37		
1/31/2019		45			
3/28/2019		45	28		
9/12/2019		28	<10		
3/31/2020		50	52		
9/22/2020		30	36		
3/23/2021		56			71
3/24/2021	59		27	97	
8/18/2021	66	37	29	41	61
2/8/2022		30		48	
2/9/2022	62		22		100
8/30/2022	65	38	21		
8/31/2022				27	73
1/31/2023	57			25	71
2/1/2023		36	18		
3/29/2023	63			26	69
5/31/2023	61			25	68
7/26/2023	57			29	70
8/29/2023	53	45	21	36	76
1/23/2024	63	40	25	35	75
8/20/2024	56	60	23	39	71
1/28/2025	58	42	37	37	68
7/29/2025				40	78
7/30/2025	69	56	50		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	0.02			<0.005	<0.005	<0.005	
11/12/1999	0.027			<0.005	<0.005	<0.005	
12/29/1999	0.055 (O)			<0.005	<0.005	<0.005	
2/17/2000	0.042 (O)			<0.005	<0.005	<0.005	
9/13/2000	<0.001			<0.005	<0.005	<0.005	
11/10/2000	0.014			<0.005	<0.005	<0.005	
1/3/2001					<0.005	<0.005	
1/4/2001	<0.001			<0.005			
12/10/2001	<0.001				<0.005	<0.005	
12/11/2001				<0.005			
4/4/2002	<0.001			<0.005	<0.005	<0.005	
12/6/2002	<0.001						
12/9/2002				<0.005	<0.005	0.03	
6/28/2003	<0.001			<0.005	<0.005	<0.005	
12/13/2003	<0.001			<0.005	<0.005	<0.005	
5/28/2004	0.017						
5/29/2004				<0.005	<0.005	<0.005	
12/11/2004	0.0082			<0.005	<0.005	<0.005	
6/24/2005	<0.001			<0.005	<0.005	<0.005	
12/13/2005	<0.001			<0.005	<0.005	<0.005	
6/26/2006						<0.005	
6/27/2006	0.023			<0.005	<0.005		
12/1/2006	0.0081			<0.005	<0.005	<0.005	
6/21/2007				0.0038	<0.005	<0.005	
6/22/2007	0.009						
12/15/2007	0.0056			<0.005	<0.005	<0.005	
6/21/2008					<0.005		
6/22/2008	0.013			<0.005		0.0026	
12/6/2008				<0.005	<0.005	<0.005	
12/7/2008	0.0027						
7/10/2009				<0.005			
7/11/2009	0.0032				<0.005	<0.005	
12/22/2009						<0.005	
12/23/2009	0.0093			<0.005	<0.005		
6/23/2010				<0.005	<0.005	<0.005	
6/24/2010	0.0033						
1/8/2011				<0.005	<0.005	<0.005	
1/9/2011	<0.001						
7/10/2011				<0.005	<0.005	<0.005	
7/11/2011	<0.001						
1/19/2012				<0.005	<0.005		
1/20/2012	<0.001					<0.005	
7/12/2012				<0.005	<0.005	<0.005	
7/13/2012	0.011						
1/21/2013	0.028			<0.005	<0.005	<0.005	
7/20/2013	<0.001			<0.005	<0.005	<0.005	
1/17/2014	0.019			<0.005	<0.005	<0.005	
7/12/2014	0.0025 (J)			<0.005	<0.005	<0.005	
1/15/2015				<0.005	<0.005		
1/16/2015	0.0012 (J)					0.0011 (J)	
7/15/2015	<0.001			<0.005	<0.005	0.0016 (J)	
1/16/2016	0.0015 (J)			0.0011 (J)	0.00082 (J)	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
6/22/2016	0.0062 (J)			<0.005	<0.005	0.0018 (J)	
1/19/2017				<0.005	0.0025	0.0033	
2/28/2017	0.0019 (J)						
7/17/2017	<0.001						
7/18/2017				<0.005	<0.005		
7/19/2017						0.0045	
1/8/2018	<0.001						
1/9/2018				<0.005	0.0072	0.0027	
7/10/2018	0.0036			<0.005	0.0016 (J)	0.005	
1/30/2019	0.0017 (J)		0.0018 (J)	0.0016 (J)	<0.005	0.0019 (J)	<0.005
3/27/2019	0.0029					0.0082	
3/28/2019			<0.005	0.0076	<0.005		0.0053
9/11/2019	0.0014						
9/12/2019			0.0021	0.002	0.0017	0.004	0.002
3/10/2020	<0.001		<0.005	<0.005	<0.005	0.01	
3/11/2020							<0.005
4/2/2020				0.0013			
9/21/2020	<0.001			<0.005	0.0012		<0.005
9/22/2020			<0.005			0.0056	
3/23/2021	<0.001	<0.005	<0.005	<0.005			<0.005
3/24/2021					<0.005	0.0018	
8/17/2021	<0.001	<0.005	<0.005	<0.005	<0.005	0.0018	<0.005
2/7/2022			<0.005				0.0011
2/8/2022	<0.001	<0.005		<0.005	<0.005	0.0023	
8/30/2022	0.0019	0.0019	0.0016	<0.005	<0.005	0.0028	0.0016
1/31/2023		<0.005	<0.005				<0.005
2/1/2023				<0.005	<0.005		
2/2/2023						0.0041	
3/28/2023		<0.005					
5/30/2023		<0.005					
7/26/2023		<0.005					
8/28/2023		<0.005			<0.005		<0.005
8/29/2023			<0.005	<0.005			
9/6/2023						0.0015 (J)	
1/23/2024		<0.005	<0.005	<0.005	<0.005	0.0011 (J)	<0.005
8/19/2024			<0.005				<0.005
8/20/2024		<0.005		0.00095 (J)	<0.005	0.0012 (J)	
1/27/2025							<0.005
1/28/2025		<0.005	<0.005	<0.005	<0.005	0.001 (J)	
7/29/2025		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		0.015 (O)	<0.005		
11/12/1999		<0.005	<0.005		
12/29/1999		<0.005	<0.005		
2/17/2000		0.01	<0.005		
9/14/2000		<0.005	<0.005		
11/10/2000		<0.005	<0.005		
1/4/2001		<0.005	<0.005		
12/11/2001		<0.005	<0.005		
4/4/2002		<0.005	<0.005		
12/6/2002			<0.005		
12/9/2002		<0.005			
6/28/2003		<0.005	<0.005		
12/13/2003		<0.005	<0.005		
5/29/2004		<0.005	<0.005		
12/12/2004		<0.005	<0.005		
6/25/2005		<0.005	<0.005		
12/13/2005		<0.005	<0.005		
6/26/2006		<0.005	<0.005		
12/2/2006		<0.005	<0.005		
6/22/2007		<0.005	<0.005		
12/14/2007		<0.005	<0.005		
6/21/2008			<0.005		
6/22/2008		<0.005			
12/6/2008		<0.005	<0.005		
7/11/2009		<0.005	<0.005		
12/23/2009		<0.005	<0.005		
6/23/2010		<0.005	<0.005		
1/8/2011		<0.005	<0.005		
7/10/2011		<0.005	<0.005		
1/20/2012		<0.005	<0.005		
7/12/2012		<0.005	<0.005		
1/21/2013		<0.005	<0.005		
7/20/2013		<0.005	<0.005		
1/17/2014		<0.005	<0.005		
7/11/2014			<0.005		
7/12/2014		<0.005			
1/15/2015		<0.005			
1/16/2015			<0.005		
7/15/2015		<0.005	<0.005		
1/17/2016		<0.005	<0.005		
6/22/2016		0.0019 (J)	<0.005		
1/24/2017		0.0062			
1/25/2017			<0.005		
7/19/2017		0.0015 (J)			
7/20/2017			<0.005		
1/9/2018		<0.005	<0.005		
7/10/2018		0.0018 (J)	0.0022 (J)		
1/30/2019			<0.005		
1/31/2019		0.001 (J)			
3/28/2019		0.0059	<0.005		
9/12/2019		0.0018	0.0021		
3/31/2020		<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
9/22/2020		<0.005	<0.005		
3/23/2021		<0.005			<0.005
3/24/2021	<0.005		<0.005	<0.005	
8/18/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/8/2022		<0.005		<0.005	
2/9/2022	<0.005		<0.005		<0.005
8/30/2022	0.00087 (J)	<0.005	<0.005		
8/31/2022				<0.005	<0.005
1/31/2023	<0.005			<0.005	<0.005
2/1/2023		<0.005	<0.005		
3/29/2023	<0.005			<0.005	<0.005
5/31/2023	<0.005			<0.005	<0.005
7/26/2023	<0.005			<0.005	<0.005
8/29/2023	<0.005	<0.005	<0.005	<0.005	<0.005
1/23/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/20/2024	<0.005	<0.005	<0.005	<0.005	<0.005
1/28/2025	<0.005	<0.005	<0.005	<0.005	<0.005
7/29/2025				<0.005	<0.005
7/30/2025	<0.005	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
10/5/1999	0.043			0.023	0.039	<0.02	
11/12/1999	0.035			<0.02	0.025	<0.02	
12/29/1999	0.058			<0.02	0.023	<0.02	
2/17/2000	0.051			<0.02	<0.01	<0.02	
9/13/2000	<0.005			<0.02	0.035	0.021	
11/10/2000	<0.005			<0.02	0.023	<0.02	
1/3/2001					0.027	<0.02	
1/4/2001	<0.005			<0.02			
12/10/2001	<0.005				0.036	<0.02	
12/11/2001				<0.02			
4/4/2002	0.02			<0.02	0.038	<0.02	
12/6/2002	<0.005						
12/9/2002				<0.02	0.033	0.06	
6/28/2003	<0.005			<0.02	0.018	0.19 (O)	
12/13/2003	<0.005			<0.02	0.013	0.067	
5/28/2004	0.034						
5/29/2004				<0.02	<0.01	0.068	
12/11/2004	0.021			<0.02	<0.01	0.039	
6/24/2005	<0.005			<0.02	<0.01	0.033	
12/13/2005	0.013			<0.02	0.011	0.039	
6/26/2006						0.022	
6/27/2006	0.074			0.0047	0.0055		
12/1/2006	0.048			0.065	0.0052	0.018	
6/21/2007				0.008	0.0062	0.07	
6/22/2007	0.067						
12/15/2007	0.053			0.0043	0.0055	0.0072	
6/21/2008					0.011		
6/22/2008	0.024			0.0062		0.011	
12/6/2008				0.051	0.008	0.011	
12/7/2008	0.0087						
7/10/2009				0.0043			
7/11/2009	0.045				0.011	0.013	
12/22/2009						0.013	
12/23/2009	0.054			0.0039	0.0051		
6/23/2010				<0.02	0.0031	0.0084	
6/24/2010	0.0065						
1/8/2011				0.0037	0.0035	0.0089	
1/9/2011	0.022						
7/10/2011				0.0047	0.0081	0.0084	
7/11/2011	0.0032						
1/19/2012				0.0045	0.017		
1/20/2012	0.0089					0.0094	
7/12/2012				0.0033	0.01	0.0098	
7/13/2012	0.012						
1/21/2013	0.024			0.0038	0.013	0.007	
7/20/2013	0.0068			0.004	<0.01	0.0074	
1/17/2014	0.02			0.005	0.0066	0.0092	
7/12/2014	0.0055			0.004	0.0054	0.013	
1/15/2015				0.0056	0.0076		
1/16/2015	0.0043					0.0081	
7/15/2015	0.0026			0.0034	0.0053	0.009	
1/16/2016	0.0035			0.0038	0.0048	0.007	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-1B (bg)	GWA-2B (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-7A (bg)
6/22/2016	0.0096 (J)			0.0038 (J)	0.0038 (J)	0.0091 (J)	
1/19/2017				<0.02	<0.01	0.0065 (J)	
2/28/2017	<0.005						
7/17/2017	<0.005						
7/18/2017				<0.02	<0.01		
7/19/2017						0.0099 (J)	
1/8/2018	<0.005						
1/9/2018				<0.02	0.0072 (J)	0.014 (J)	
7/10/2018	<0.005			<0.02	<0.01	0.0089 (J)	
1/30/2019	<0.005		0.013 (J)	0.0058 (J)	0.006 (J)	0.0057 (J)	0.011 (J)
3/27/2019	<0.005					0.01 (J)	
3/28/2019			0.014 (J)	<0.02	<0.01		0.0086 (J)
9/11/2019	0.0062						
9/12/2019			0.0075	0.0081	0.0073	0.0074	0.014
3/10/2020	<0.005		0.0061	0.0079	0.0079	0.0071	
3/11/2020							0.0099
4/2/2020				0.011			
9/21/2020	<0.005			0.0055	0.013		0.007
9/22/2020			0.0066			0.039	
3/23/2021	<0.005	0.0098	0.0066	0.0092			0.0096
3/24/2021					0.0058	0.0085	
8/17/2021	0.048	0.024	0.026	0.014	0.029	0.024	0.052
2/7/2022			0.0046 (J)				0.0098
2/8/2022	0.0031 (J)	0.0048 (J)		0.013	0.007	0.007	
8/30/2022	<0.005	0.003 (J)	0.014	0.012	0.01	0.013	0.0089
1/31/2023		<0.01	0.012				0.0082
2/1/2023				0.0071	0.0089		
2/2/2023						0.0095	
3/28/2023		0.0096					
5/30/2023		0.0076					
7/26/2023		<0.01					
8/28/2023		0.0029 (J)			0.0064		0.019
8/29/2023			0.011	0.012			
9/6/2023						0.0082	
1/23/2024		0.05	0.01	0.0091	0.0078	0.0077	0.0094
8/19/2024			0.04				0.019
8/20/2024		0.0035 (J)		0.019	0.0081	0.007	
1/27/2025							0.0087
1/28/2025		<0.01	0.014	0.011	0.012	0.013	
7/29/2025		<0.01	0.013	0.012	<0.01	0.013	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 3:39 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
10/5/1999		0.028	<0.01		
11/12/1999		<0.02	<0.01		
12/29/1999		0.022	<0.01		
2/17/2000		0.021	<0.01		
9/14/2000		<0.02	0.036 (O)		
11/10/2000		<0.02	<0.01		
1/4/2001		<0.02	<0.01		
12/11/2001		<0.02	<0.01		
4/4/2002		0.069 (O)	<0.01		
12/6/2002			0.012		
12/9/2002		0.012			
6/28/2003		0.011	<0.01		
12/13/2003		<0.02	<0.01		
5/29/2004		<0.02	<0.01		
12/12/2004		0.027	<0.01		
6/25/2005		<0.02	<0.01		
12/13/2005		0.011	<0.01		
6/26/2006		0.0064	<0.01		
12/2/2006		0.0077	0.098 (O)		
6/22/2007		0.0082	0.0043		
12/14/2007		0.0063	0.0057		
6/21/2008			0.0064		
6/22/2008		0.0074			
12/6/2008		0.0066	0.0052		
7/11/2009		0.0054	0.0049		
12/23/2009		0.0046	0.005		
6/23/2010		0.0041	0.0044		
1/8/2011		0.019	0.0036		
7/10/2011		0.005	0.0046		
1/20/2012		0.007	0.0045		
7/12/2012		0.0045	0.0041		
1/21/2013		0.0045	0.0038		
7/20/2013		<0.02	0.0047		
1/17/2014		0.0075	0.0051		
7/11/2014			0.0066		
7/12/2014		0.0051			
1/15/2015		0.0054			
1/16/2015			0.0046		
7/15/2015		0.0049	0.0036		
1/17/2016		0.0051	0.004		
6/22/2016		0.0087 (J)	0.0053 (J)		
1/24/2017		0.0071 (J)			
1/25/2017			<0.01		
7/19/2017		<0.02			
7/20/2017			<0.01		
1/9/2018		0.0079 (J)	<0.01		
7/10/2018		0.0067 (J)	<0.01		
1/30/2019			0.0042 (J)		
1/31/2019		0.0068 (J)			
3/28/2019		0.0069 (J)	<0.01		
9/12/2019		0.0089	0.0093		
3/31/2020		0.0065	<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 3:39 PM

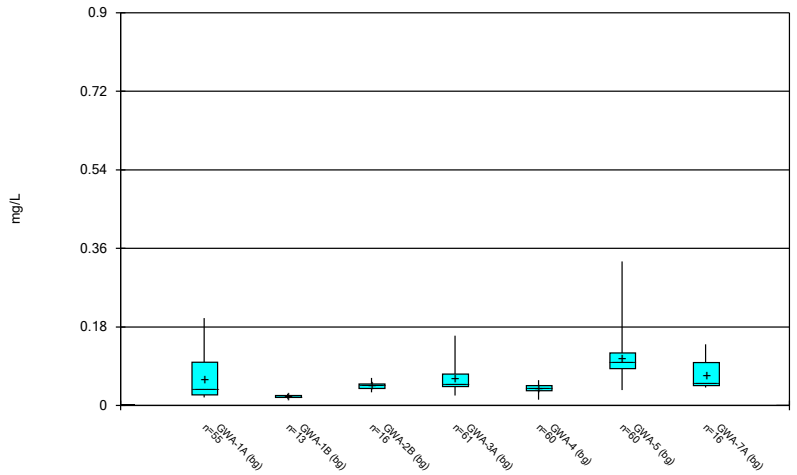
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A	GWC-2	GWC-4A	GWC-5A	GWC-6A
9/22/2020		0.029	0.017		
3/23/2021		0.0085			0.0091
3/24/2021	0.02		0.01	0.013	
8/18/2021	0.15	0.0081	0.012	0.021	0.072
2/8/2022		0.0078		0.011	
2/9/2022	0.023		0.0039 (J)		0.0069
8/30/2022	0.02	0.012	0.0046 (J)		
8/31/2022				0.014	0.0049 (J)
1/31/2023	0.018			0.0088	<0.01
2/1/2023		0.0062	<0.01		
3/29/2023	0.02			0.01	0.0056
5/31/2023	0.02			0.0096	0.0049 (J)
7/26/2023	0.019			0.011	0.011
8/29/2023	0.017	0.0065	0.004 (J)	0.01	0.008
1/23/2024	0.018	0.0069	0.0041 (J)	0.016	0.0042 (J)
8/20/2024	0.02	0.0067	<0.01	0.015	0.0052
1/28/2025	0.021	0.0083	0.0062	0.018	0.0047 (J)
7/29/2025				0.015	<0.01
7/30/2025	0.022	0.0091 (J)	<0.01		

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

Box & Whiskers Plot



Constituent: Barium Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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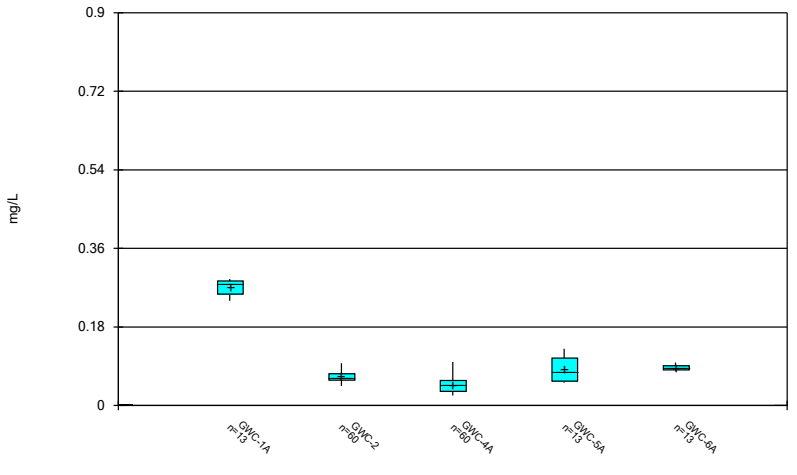
Box & Whiskers Plot

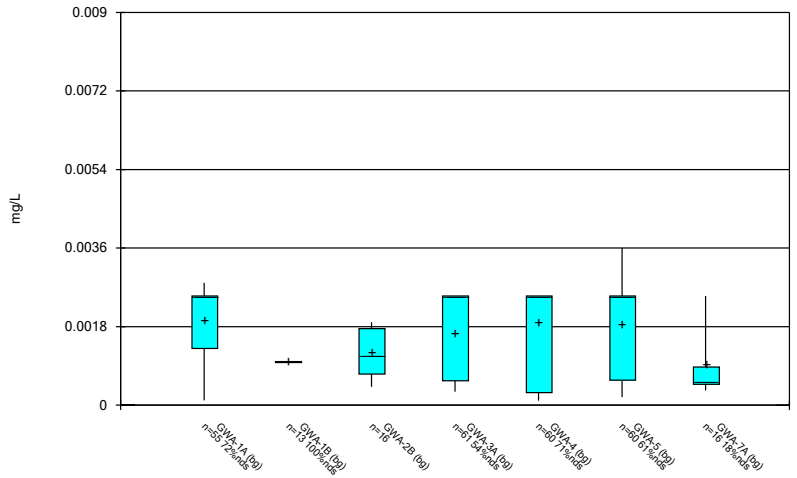


Constituent: Barium Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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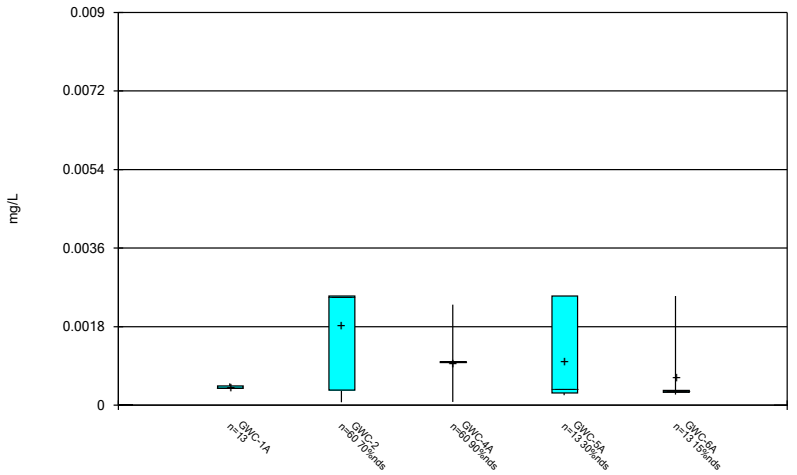
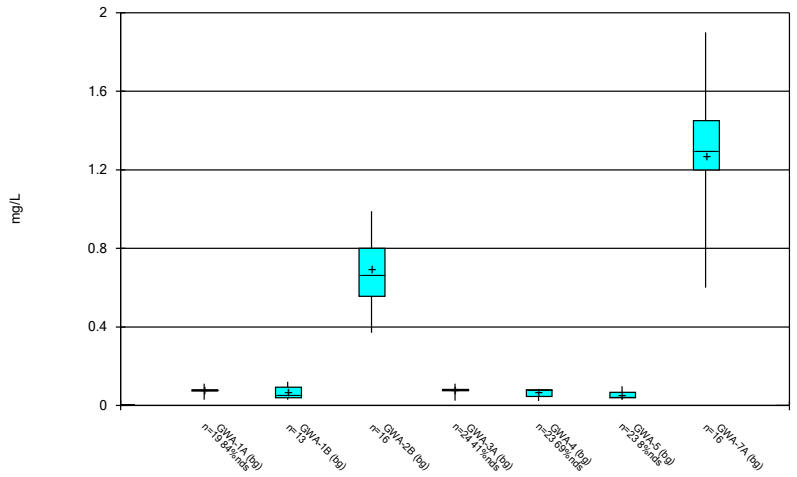
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Box & Whiskers Plot



Constituent: Boron Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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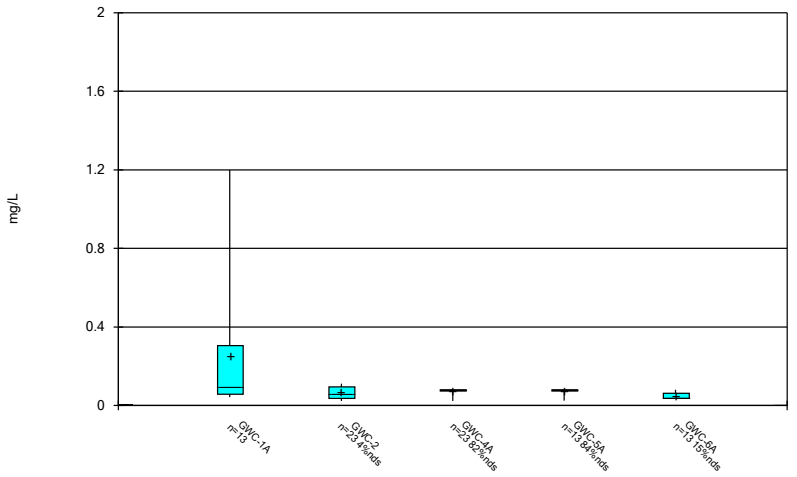
Box & Whiskers Plot



Constituent: Boron Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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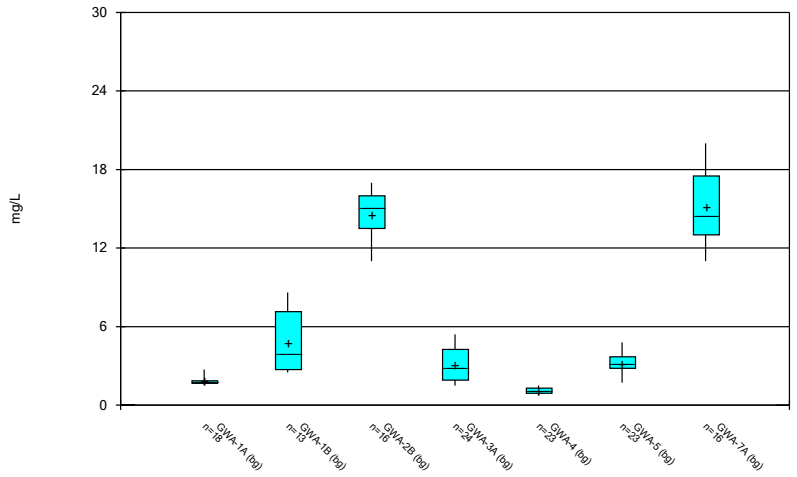
Box & Whiskers Plot



Constituent: Calcium Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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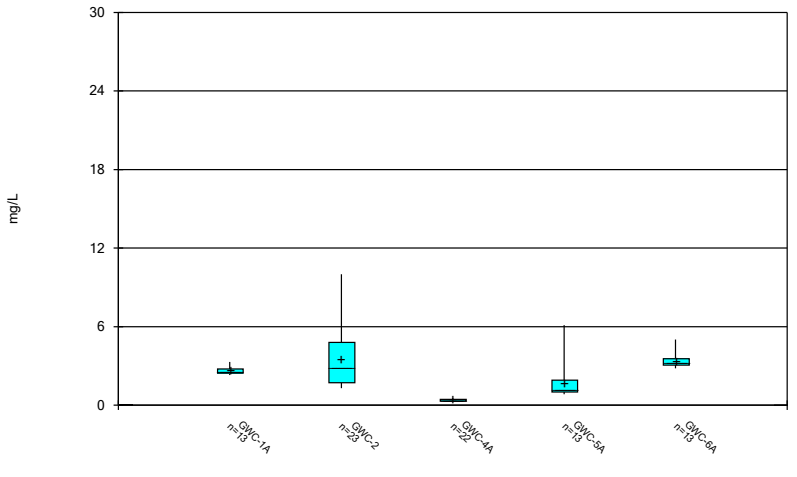
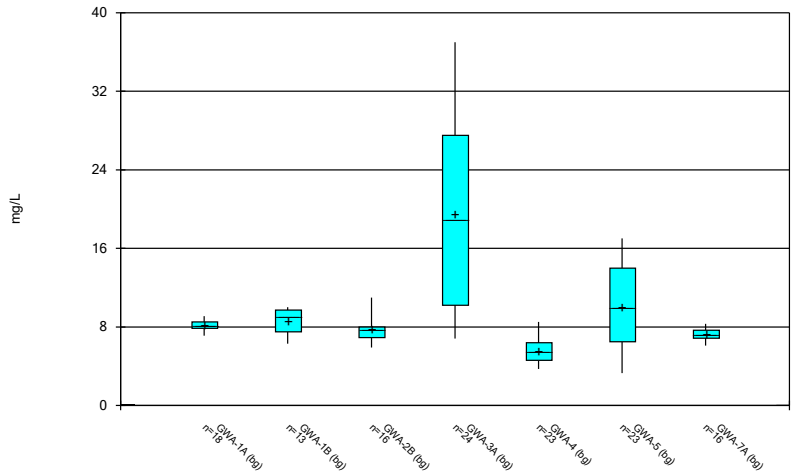
Box & Whiskers Plot



Constituent: Calcium Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Box & Whiskers Plot



Constituent: Chloride Analysis Run 9/29/2025 3:40 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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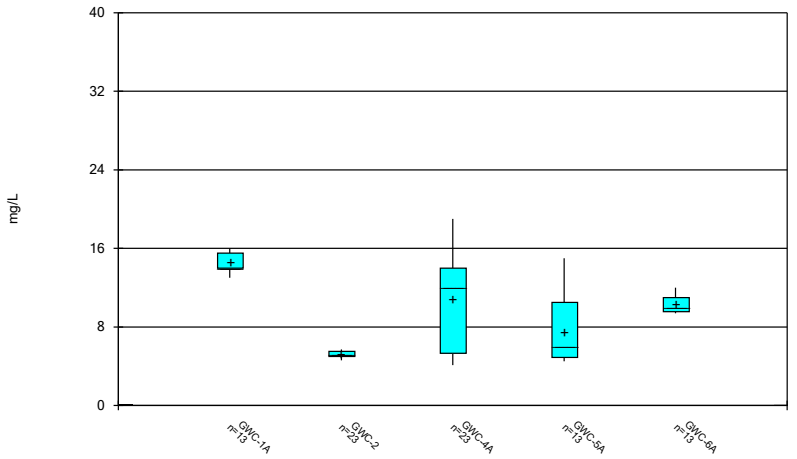
Box & Whiskers Plot



Constituent: Chloride Analysis Run 9/29/2025 3:40 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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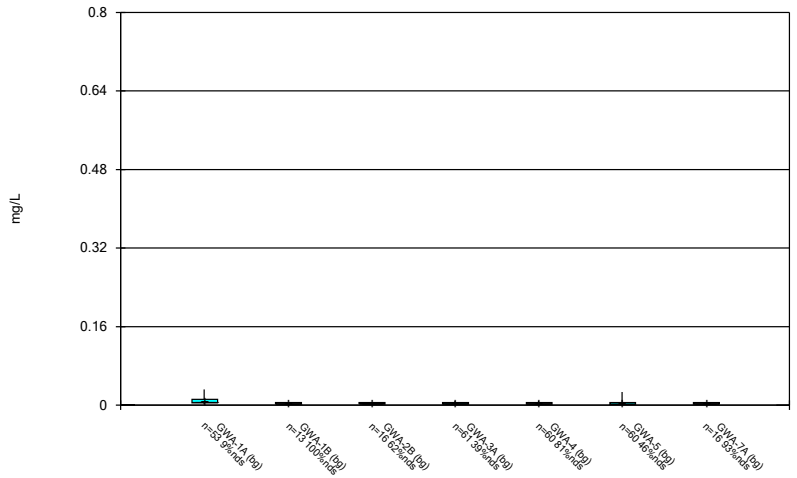
Box & Whiskers Plot



Constituent: Chromium Analysis Run 9/29/2025 3:40 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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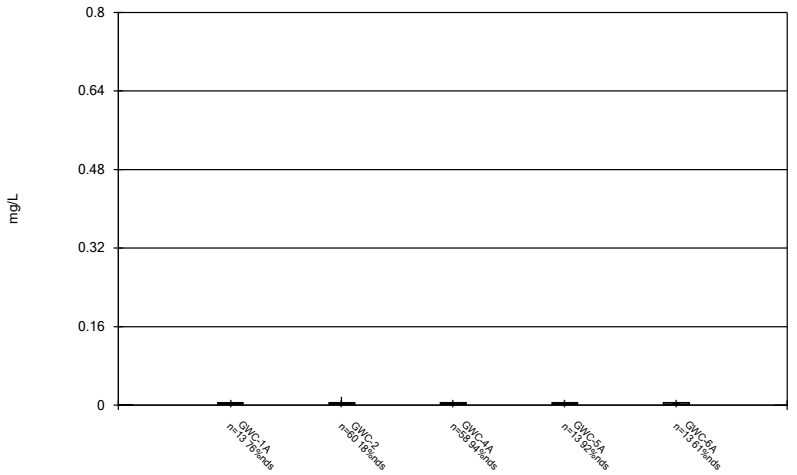
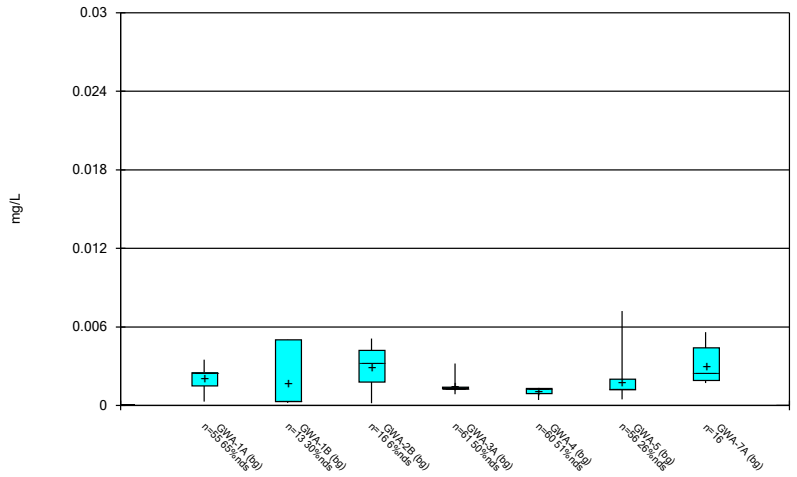
Box & Whiskers Plot



Constituent: Chromium Analysis Run 9/29/2025 3:40 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

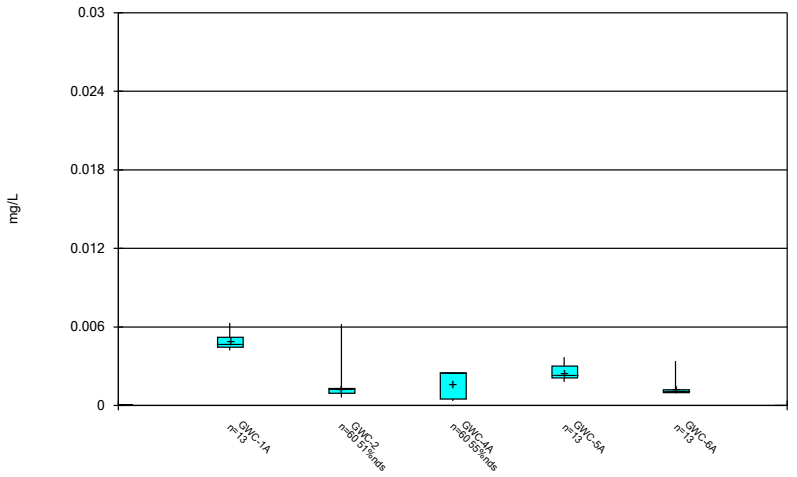
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

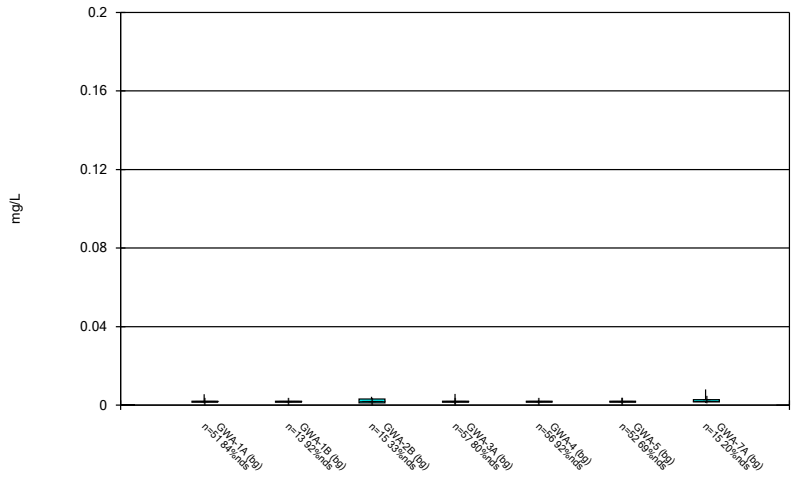
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

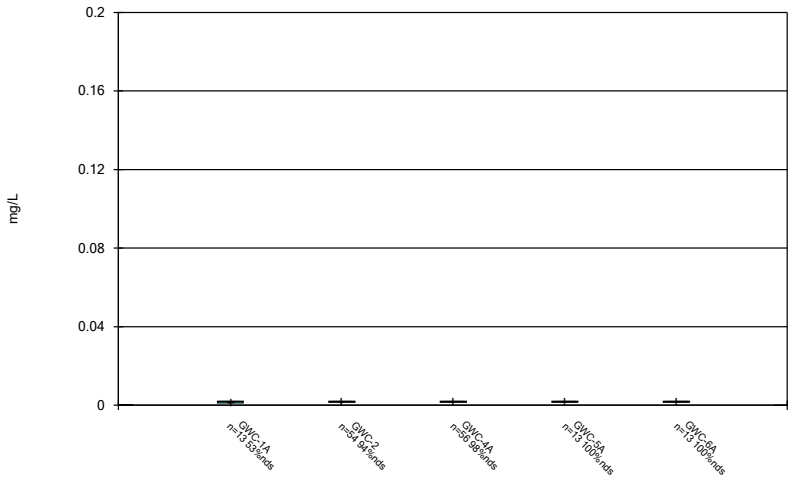
Box & Whiskers Plot



Constituent: Copper Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

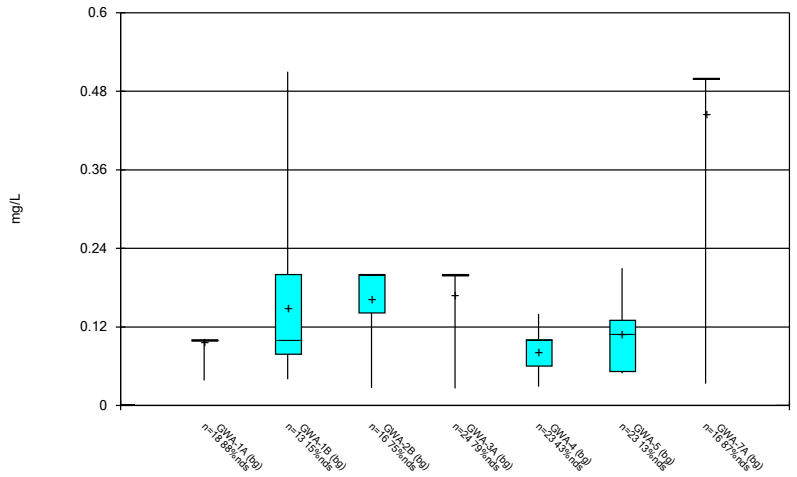
Box & Whiskers Plot



Constituent: Copper Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

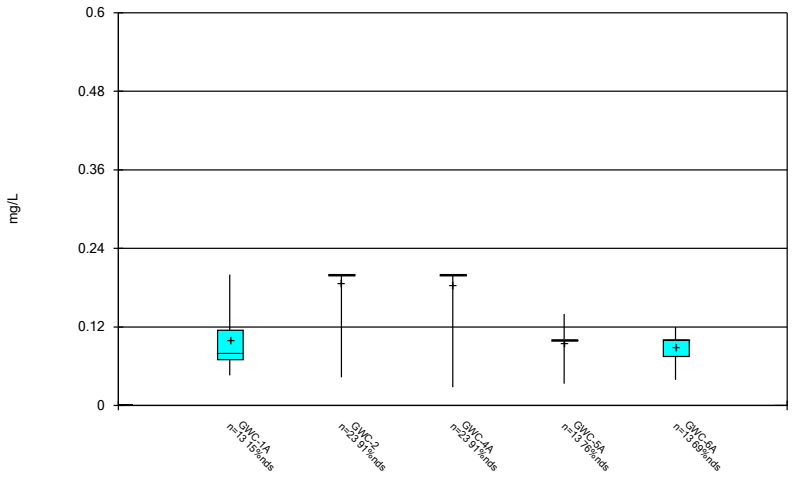
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

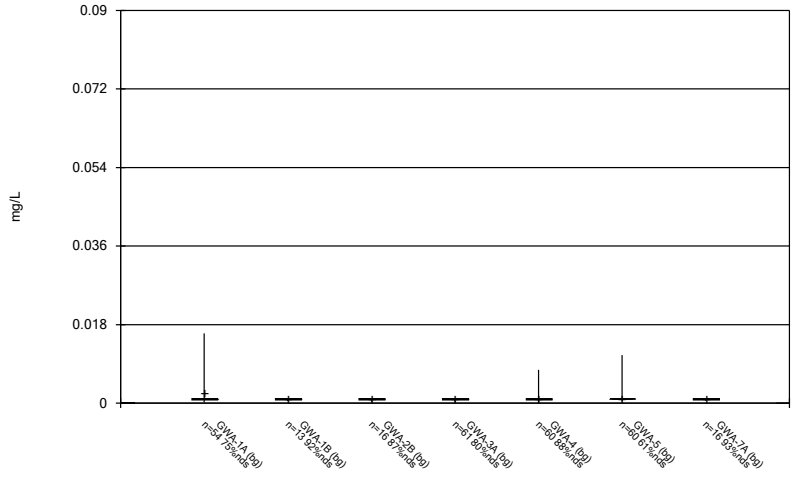
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

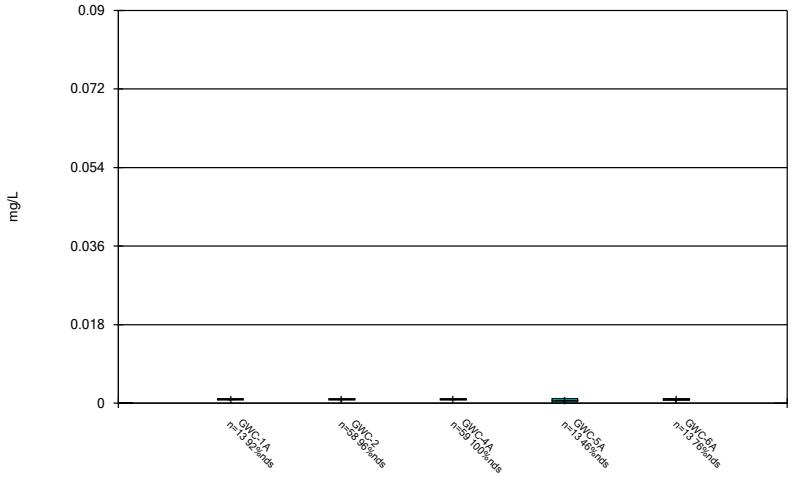
Box & Whiskers Plot



Constituent: Lead Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

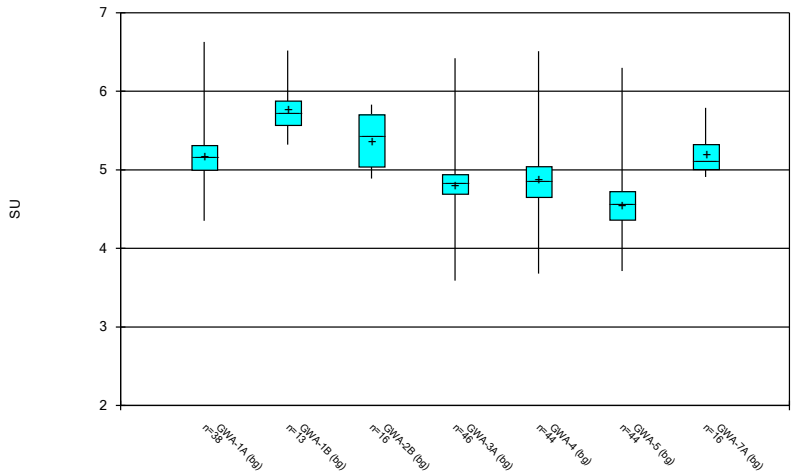
Box & Whiskers Plot



Constituent: Lead Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Box & Whiskers Plot



Constituent: pH, Field Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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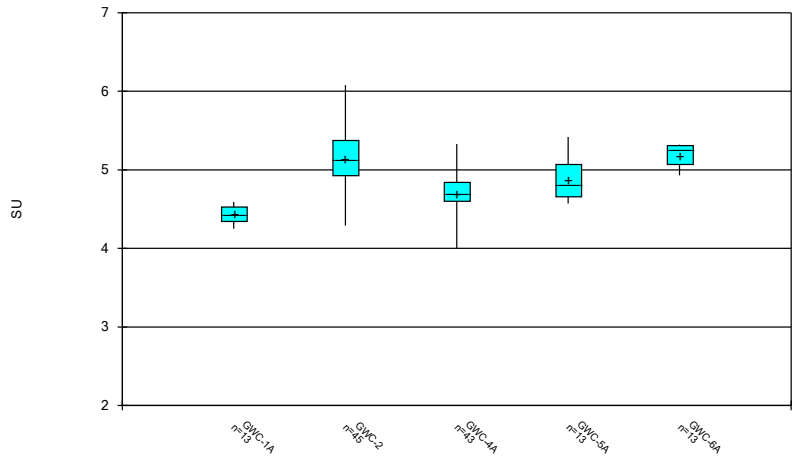
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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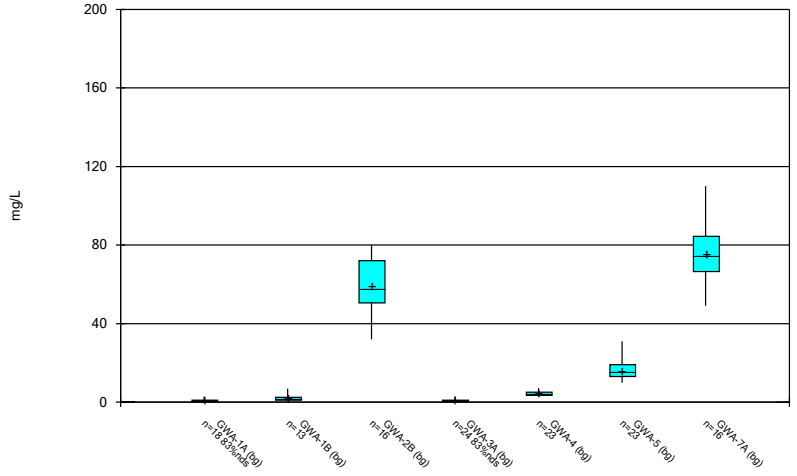
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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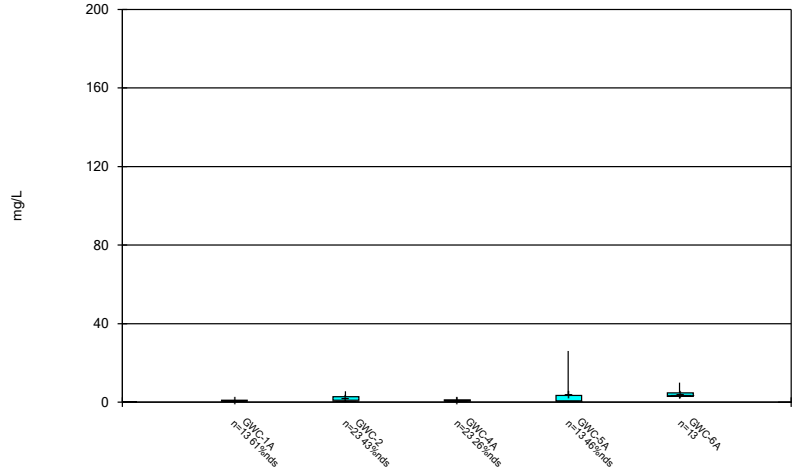
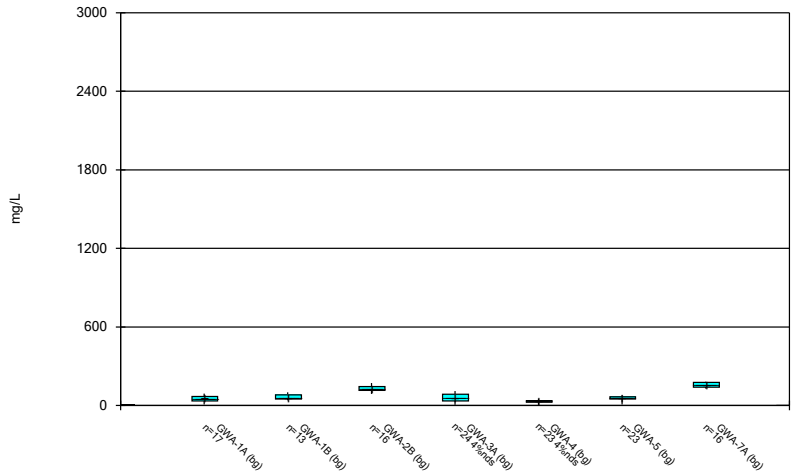
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Box & Whiskers Plot



Constituent: TDS Analysis Run 9/29/2025 3:40 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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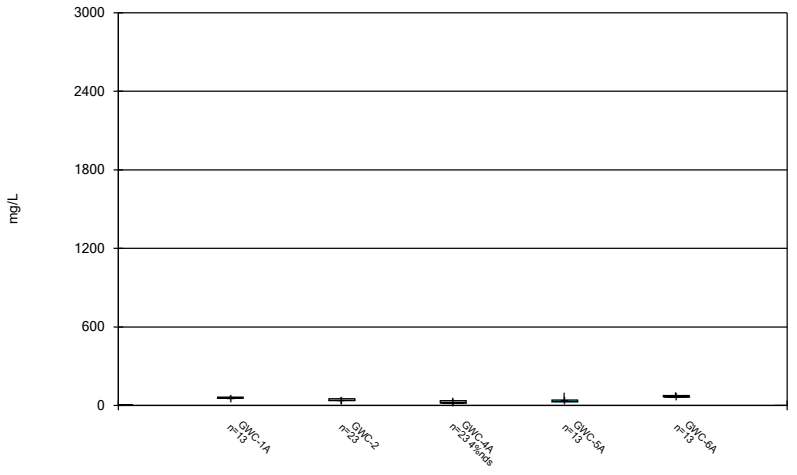
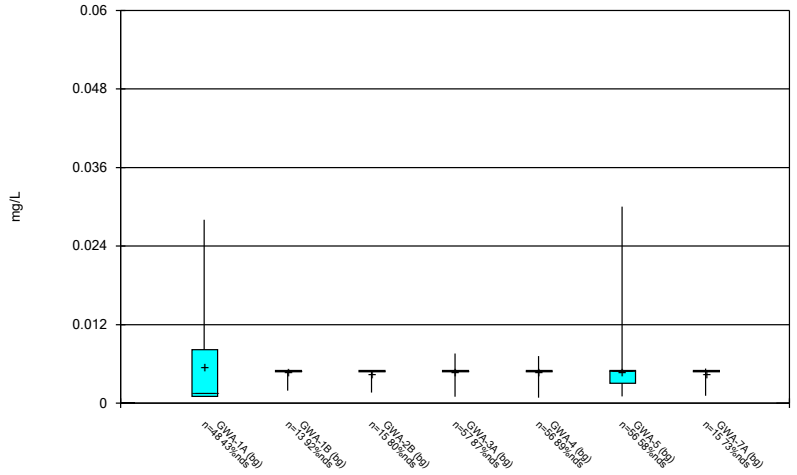
Box & Whiskers Plot



Constituent: TDS Analysis Run 9/29/2025 3:40 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Sanitas™ v.10.1.00 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Vanadium Analysis Run 9/29/2025 3:40 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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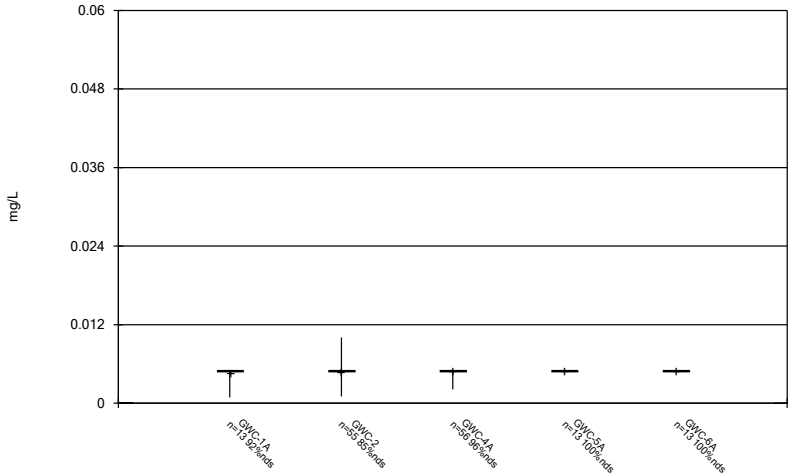
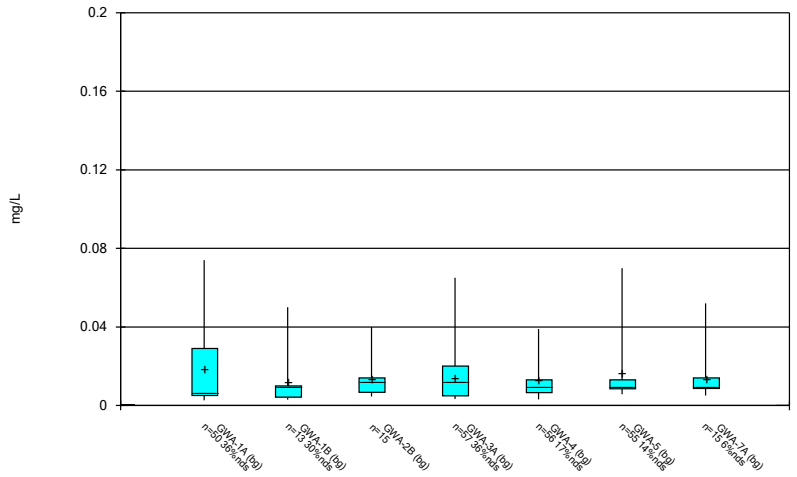
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 9/29/2025 3:40 PM
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Box & Whiskers Plot



Constituent: Zinc Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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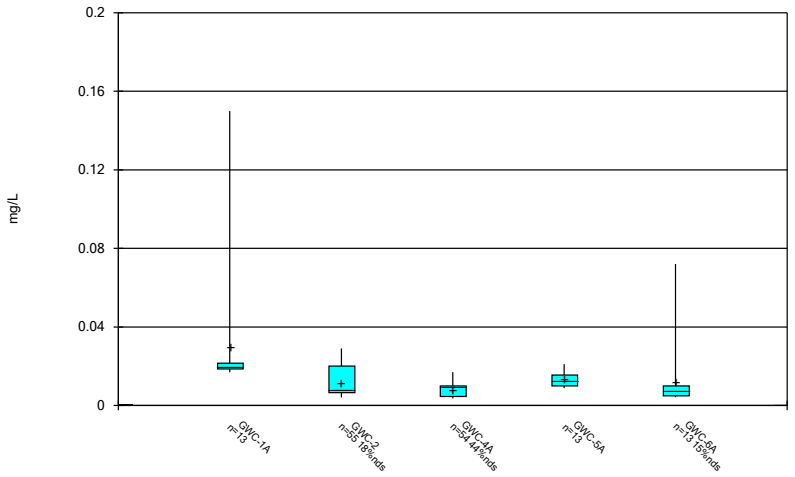
Box & Whiskers Plot



Constituent: Zinc Analysis Run 9/29/2025 3:40 PM

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

FIGURE C.

Outlier Summary

Plant McIntosh Client: Southern Company Data: McIntosh LF 3 Printed 9/29/2025, 3:42 PM

	GWA-1A Barium (mg/L)	GWA-1A Beryllium (mg/L)	GWA-1A Calcium (mg/L)	GWC-4A Calcium (mg/L)	GWA-1A Chromium (mg/L)	GWC-2 Chromium (mg/L)	GWC-4A Chromium (mg/L)	GWA-1A Cobalt (mg/L)	GWA-5 Cobalt (mg/L)	GWA-5 Copper (mg/L)
10/5/1999										
11/12/1999										
12/29/1999					0.059 (O)					
2/17/2000					0.048 (O)					
9/14/2000										
4/4/2002										
12/9/2002									0.01 (O)	0.0089 (O)
6/28/2003							0.061 (O)		0.018 (O)	0.019 (O)
12/13/2003									0.01 (O)	0.0067 (O)
5/29/2004									0.01 (O)	0.0057 (O)
12/12/2004						0.74 (O)	0.0059 (O)			
12/2/2006										
1/17/2014										
9/1/2016	0.86 (O)	0.0084 (O)	26 (O)		0.12 (O)			0.023 (O)		
9/21/2017										
7/10/2018				2 (O)						

	GWC-2 Copper (mg/L)	GWA-1A Lead (mg/L)	GWC-2 Lead (mg/L)	GWC-4A Lead (mg/L)	GWA-1A TDS (mg/L)	GWA-1A Vanadium (mg/L)	GWC-2 Vanadium (mg/L)	GWA-5 Zinc (mg/L)	GWC-2 Zinc (mg/L)	GWC-4A Zinc (mg/L)
10/5/1999			0.0054 (O)				0.015 (O)			
11/12/1999		0.0063 (O)								
12/29/1999						0.055 (O)				
2/17/2000						0.042 (O)				
9/14/2000				0.0067 (O)						0.036 (O)
4/4/2002									0.069 (O)	
12/9/2002										
6/28/2003								0.19 (O)		
12/13/2003										
5/29/2004										
12/12/2004	0.11 (O)									
12/2/2006										0.098 (O)
1/17/2014	0.0065 (O)									
9/1/2016		0.082 (O)			2200 (O)					
9/21/2017			0.0014 (O)							
7/10/2018										

FIGURE D.

Appendix III Interwell Prediction Limits - All Results (No Significant)

Plant McIntosh Client: Southern Company Data: McIntosh LF 3 Printed 9/29/2025, 3:51 PM

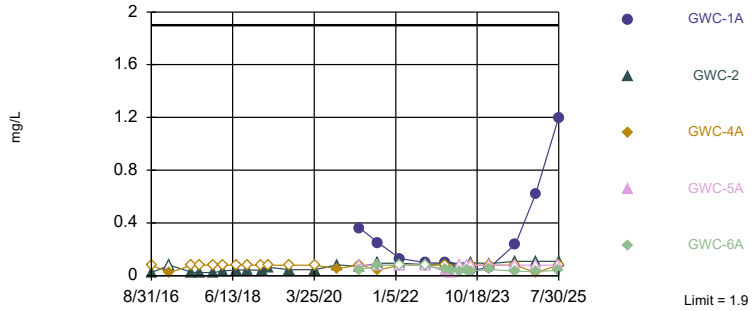
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-1A	1.9	n/a	7/30/2025	1.2	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-2	1.9	n/a	7/30/2025	0.11	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-4A	1.9	n/a	7/30/2025	0.08ND	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-5A	1.9	n/a	7/29/2025	0.08ND	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-6A	1.9	n/a	7/29/2025	0.04J	No	134	n/a	n/a	32.84	n/a	n/a	0.0001103	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-1A	20	n/a	7/30/2025	2.4	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-2	20	n/a	7/30/2025	3.4	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-4A	20	n/a	7/30/2025	0.48	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-5A	20	n/a	7/29/2025	1.4	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6A	20	n/a	7/29/2025	2.8	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1A	37	n/a	7/30/2025	16	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-2	37	n/a	7/30/2025	4.7	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4A	37	n/a	7/30/2025	16	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-5A	37	n/a	7/29/2025	11	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-6A	37	n/a	7/29/2025	11	No	133	n/a	n/a	0	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1A	0.51	n/a	7/30/2025	0.12J	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-2	0.51	n/a	7/30/2025	0.2ND	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-4A	0.51	n/a	7/30/2025	0.2ND	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-5A	0.51	n/a	7/29/2025	0.14J	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-6A	0.51	n/a	7/29/2025	0.12J	No	133	n/a	n/a	57.14	n/a	n/a	0.0001121	NP Inter (NDs) 1 of 2
pH, Field (SU)	GWC-1A	5.89	4.092	7/30/2025	4.41	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
pH, Field (SU)	GWC-2	5.89	4.092	7/30/2025	5	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
pH, Field (SU)	GWC-4A	5.89	4.092	7/30/2025	4.84	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
pH, Field (SU)	GWC-5A	5.89	4.092	7/29/2025	4.85	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
pH, Field (SU)	GWC-6A	5.89	4.092	7/29/2025	5.13	No	217	2.225	0.113	0	None	sqrt(x)	0.000752	Param Inter 1 of 2
Sulfate (mg/L)	GWC-1A	110	n/a	7/30/2025	1ND	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-2	110	n/a	7/30/2025	5.5	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-4A	110	n/a	7/30/2025	1.4	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-5A	110	n/a	7/29/2025	1ND	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-6A	110	n/a	7/29/2025	1.8	No	133	n/a	n/a	26.32	n/a	n/a	0.0001121	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-1A	169.5	n/a	7/30/2025	69	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2
TDS (mg/L)	GWC-2	169.5	n/a	7/30/2025	56	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2
TDS (mg/L)	GWC-4A	169.5	n/a	7/30/2025	50	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2
TDS (mg/L)	GWC-5A	169.5	n/a	7/29/2025	40	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2
TDS (mg/L)	GWC-6A	169.5	n/a	7/29/2025	78	No	132	8.062	2.766	1.515	None	sqrt(x)	0.001504	Param Inter 1 of 2

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



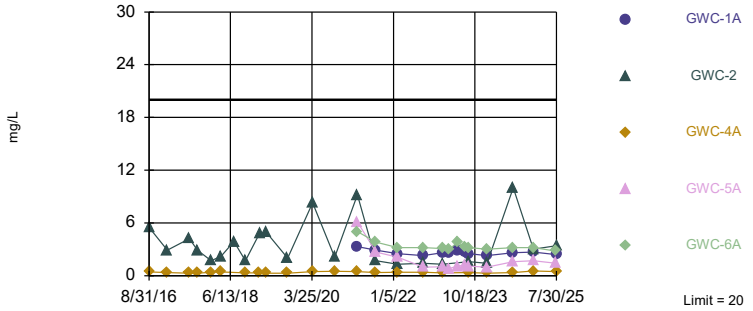
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 134 background values. 32.84% NDs. Annual per-constituent alpha = 0.001102. Individual comparison alpha = 0.0001103 (1 of 2). Comparing 5 points to limit.

Constituent: Boron Analysis Run 9/29/2025 3:48 PM View: Appendix III - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Within Limit

Prediction Limit

Interwell Non-parametric



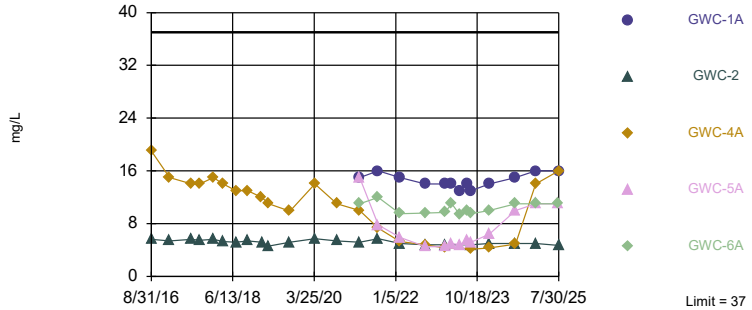
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 133 background values. Annual per-constituent alpha = 0.00112. Individual comparison alpha = 0.0001121 (1 of 2). Comparing 5 points to limit.

Constituent: Calcium Analysis Run 9/29/2025 3:48 PM View: Appendix III - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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 133 background values. Annual per-constituent alpha = 0.00112. Individual comparison alpha = 0.0001121 (1 of 2). Comparing 5 points to limit.

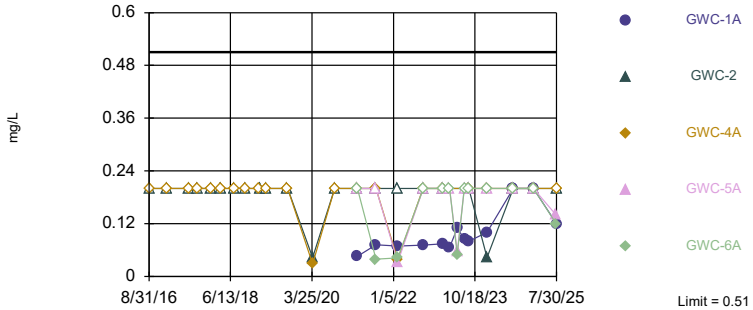
Constituent: Chloride Analysis Run 9/29/2025 3:48 PM View: Appendix III - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



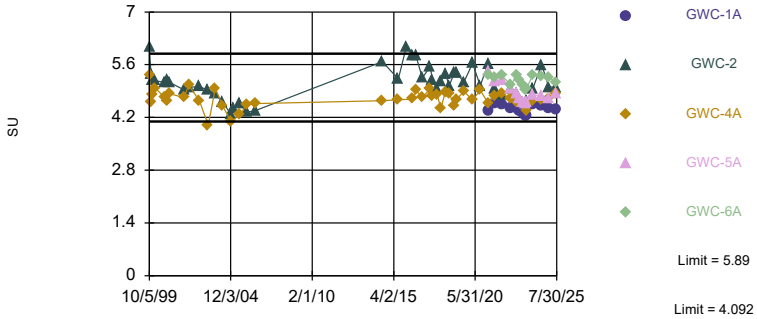
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 133 background values. 57.14% NDs. Annual per-constituent alpha = 0.00112. Individual comparison alpha = 0.0001121 (1 of 2). Comparing 5 points to limit.

Constituent: Fluoride Analysis Run 9/29/2025 3:48 PM View: Appendix III - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Within Limits

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=2.225, Std. Dev.=0.113, n=217. Normality test: Chi Squared @alpha = 0.01, calculated = 11.53, critical = 14.07. Kappa = 1.788 (c=7, w=5, 1 of 2, event alpha = 0.05132). N exceeds UG tables; Kappa based on n=150. Report alpha = 0.007498. Individual comparison alpha = 0.000752. Comparing 5 points to limit.

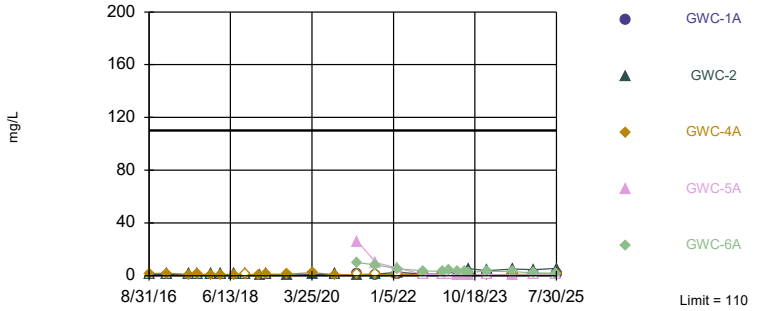
Constituent: pH, Field Analysis Run 9/29/2025 3:48 PM View: Appendix III - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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 133 background values. 26.32% NDs. Annual per-constituent alpha = 0.00112. Individual comparison alpha = 0.0001121 (1 of 2). Comparing 5 points to limit.

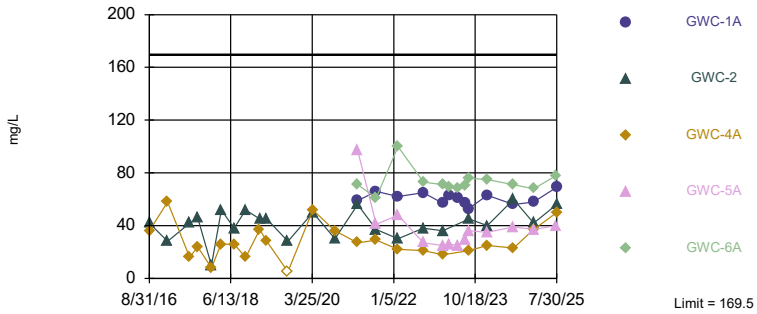
Constituent: Sulfate Analysis Run 9/29/2025 3:48 PM View: Appendix III - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=8.062, Std. Dev.=2.766, n=132, 1.515% NDs. Normality test: Chi Squared @alpha = 0.01, calculated = 12.7, critical = 14.07. Kappa = 1.792 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.001504. Comparing 5 points to limit.

Constituent: TDS Analysis Run 9/29/2025 3:48 PM View: Appendix III - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWA-3A (bg)	GWA-5 (bg)	GWC-2	GWA-4 (bg)	GWA-1A (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
8/31/2016	<0.08	<0.08	0.073	0.023 (J)	<0.08				
9/1/2016						0.029 (J)			
12/15/2016						<0.08			
1/19/2017		<0.08	0.036 (J)		0.027 (J)				
1/24/2017				<0.08					
1/25/2017	0.023 (J)								
2/28/2017						<0.08			
4/19/2017						<0.08			
7/17/2017						<0.08			
7/18/2017		<0.08			<0.08				
7/19/2017			0.07	0.026 (J)					
7/20/2017	<0.08								
9/20/2017		<0.08				<0.08			
9/21/2017	<0.08		0.07	0.025 (J)	<0.08				
1/8/2018						<0.08			
1/9/2018	<0.08	<0.08	0.042 (J)	0.023 (J)	<0.08				
3/27/2018		<0.08	0.037 (J)		<0.08	<0.08			
3/28/2018	<0.08								
3/29/2018				0.035 (J)					
7/10/2018	<0.08	<0.08	0.042 (J)	0.044 (J)	<0.08	<0.08			
10/8/2018			0.044 (J)		<0.08	<0.08	1.3	0.76	
10/9/2018	<0.08	<0.08		0.043 (J)					
1/30/2019	<0.08	<0.08	0.03 (J)		<0.08	<0.08	1.5	0.77	
1/31/2019				0.04 (J)					
3/27/2019			0.036 (J)			<0.08			
3/28/2019	<0.08	0.024 (J)		0.062	<0.08		1.4	0.83	
9/11/2019						<0.08			
9/12/2019	<0.08	<0.08	0.048 (J)	0.045 (J)	<0.08		1.6	0.65	
3/10/2020		0.059 (J)	0.066 (J)		<0.08	<0.08		0.64	
3/11/2020							1.9		
3/31/2020	<0.08			0.046 (J)					
4/2/2020		0.084							
9/21/2020		0.11			0.073 (J)	0.11	0.61		
9/22/2020	0.053 (J)		0.097	0.083				0.73	
3/23/2021		0.088		0.07 (J)		<0.08	1.5	0.57	0.043 (J)
3/24/2021	<0.08		0.048 (J)		<0.08				
8/17/2021		0.098	0.067 (J)		0.045 (J)	0.049 (J)	1.4	0.68	
8/18/2021	0.043 (J)			0.095					0.077 (J)
2/7/2022							0.6	0.54	
2/8/2022		0.077 (J)	<0.08	0.094	<0.08	<0.08			
2/9/2022	<0.08								<0.08
8/30/2022	<0.08	0.1	<0.08	0.085	<0.08	<0.08	1.2	0.98	
8/31/2022									<0.08
1/31/2023							1.3	0.99	0.047 (J)
2/1/2023	<0.08	0.087		0.091	0.023 (J)				
2/2/2023			0.039 (J)						
3/28/2023									
3/29/2023									0.046 (J)
5/30/2023									
5/31/2023									0.036 (J)
7/26/2023									0.039 (J)
8/28/2023					<0.08		1.2		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWA-3A (bg)	GWA-5 (bg)	GWC-2	GWA-4 (bg)	GWA-1A (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
8/29/2023	<0.08	0.078 (J)		0.1				0.53	0.033 (J)
9/6/2023			0.032 (J)						
1/23/2024	<0.08	0.073 (J)	0.051 (J)	0.092	0.033 (J)		1.2	0.5	0.047 (J)
8/19/2024							1.2	0.37	
8/20/2024	<0.08	0.072 (J)	0.053 (J)	0.11	0.023 (J)				0.034 (J)
1/27/2025							1.1		
1/28/2025	0.023 (J)	0.058 (J)	0.047 (J)	0.11	<0.08			0.65	0.032 (J)
7/29/2025		0.071 (J)	0.055 (J)		0.032 (J)		1.3	0.95	0.04 (J)
7/30/2025	<0.08			0.11					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-1A	GWC-5A
8/31/2016			
9/1/2016			
12/15/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	0.1		
3/24/2021		0.36	<0.08
8/17/2021	0.11		
8/18/2021		0.25	<0.08
2/7/2022			
2/8/2022	0.084		<0.08
2/9/2022		0.13	
8/30/2022	0.12	0.099	
8/31/2022			<0.08
1/31/2023	0.044 (J)	0.094	0.033 (J)
2/1/2023			
2/2/2023			
3/28/2023	0.072 (J)		
3/29/2023		0.063 (J)	0.024 (J)
5/30/2023	0.068 (J)		
5/31/2023		0.054 (J)	<0.08
7/26/2023	0.032 (J)	0.054 (J)	<0.08
8/28/2023	0.035 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-1A	GWC-5A
8/29/2023		0.042 (J)	<0.08
9/6/2023			
1/23/2024	0.029 (J)	0.06 (J)	<0.08
8/19/2024			
8/20/2024	0.055 (J)	0.24	<0.08
1/27/2025			
1/28/2025	0.053 (J)	0.62	<0.08
7/29/2025	0.047 (J)		<0.08
7/30/2025		1.2	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWA-3A (bg)	GWC-2	GWA-4 (bg)	GWA-5 (bg)	GWA-1A (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
8/31/2016	0.42	1.5	5.5	0.88	3.7				
9/1/2016						26 (O)			
12/15/2016						2			
1/19/2017		1.8		1.1	2				
1/24/2017			2.9						
1/25/2017	0.37								
2/28/2017						2.7			
4/19/2017						1.7			
7/17/2017						1.7			
7/18/2017		1.7		0.86					
7/19/2017			4.2		2.6				
7/20/2017	0.29								
9/20/2017		1.7				1.5			
9/21/2017	0.3		2.9	0.9	2.7				
1/8/2018						1.7			
1/9/2018	0.38	1.9	1.7	1	4.1				
3/27/2018		1.9		0.89	4.8	1.7			
3/28/2018	0.44								
3/29/2018			2.2						
7/10/2018	2 (O)	1.9	3.9	0.99	3.7	1.7			
10/8/2018				1.1	3.2	1.6	17	17	
10/9/2018	0.34	2.2	1.7						
1/30/2019	0.34	2.4		1	1.7	1.9	15	16	
1/31/2019			4.8						
3/27/2019					3.1	1.6			
3/28/2019	0.3	2.4	4.9	0.98			18	16	
9/11/2019						1.6			
9/12/2019	0.3 (J)	2.3	2	0.84	1.9		19	15	
3/10/2020		2.8		1.1	2.9	2		14	
3/11/2020							20		
3/31/2020	0.48 (J)		8.3						
4/2/2020		3							
9/21/2020		3.1		1.4		1.8	13		
9/22/2020	0.51		2.1		2.9			16	
3/23/2021		3.6	9.2			1.8	19	15	5
3/24/2021	0.46 (J)			1.3	3.1				
8/17/2021		3.5		1.4	2.9	1.8	17	15	
8/18/2021	0.37 (J)		1.7						3.8
2/7/2022							11	12	
2/8/2022		3.3	1.3	1.3	2.8	1.7			
2/9/2022	0.39 (J)								3.2
8/30/2022	0.39 (J)	3.9	1.4	1.2	3.4	1.8	14	15	
8/31/2022									3.2
1/31/2023							15	16	3.1
2/1/2023	0.34 (J)	4.6	1.3	1.4					
2/2/2023					3.7				
3/28/2023									
3/29/2023									3
5/30/2023									
5/31/2023									3.8
7/26/2023									3.3
8/28/2023				1.3			14		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWA-3A (bg)	GWC-2	GWA-4 (bg)	GWA-5 (bg)	GWA-1A (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
8/29/2023	0.37 (J)	4.7	1.6					13	3.2
9/6/2023					3.7				
1/23/2024	0.3 (J)	4.6	1.4	1.2	3.2		12	12	3
8/19/2024							13	11	
8/20/2024	0.36 (J)	5	10	1.4	2.8				3.2
1/27/2025							12		
1/28/2025	0.53	5.4	3	1.5	3.5			14	3.2
7/29/2025		5		0.74	2.8		13	15	2.8
7/30/2025	0.48		3.4						

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-1A	GWC-5A
8/31/2016			
9/1/2016			
12/15/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	4		
3/24/2021		3.3	6.1
8/17/2021	3.9		
8/18/2021		2.9	2.7
2/7/2022			
2/8/2022	2.7		2.1
2/9/2022		2.5	
8/30/2022	5.2	2.3	
8/31/2022			0.98
1/31/2023	6.8	2.6	1
2/1/2023			
2/2/2023			
3/28/2023	3		
3/29/2023		2.6	0.83
5/30/2023	3.3		
5/31/2023		2.8	1.1
7/26/2023	7.5	2.7	1.2
8/28/2023	8.6		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-1A	GWC-5A
8/29/2023		2.5	1.1
9/6/2023			
1/23/2024	8.3	2.3	0.96
8/19/2024			
8/20/2024	2.7	2.6	1.6
1/27/2025			
1/28/2025	2.5	2.7	1.7
7/29/2025	2.6		1.4
7/30/2025		2.4	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-1A (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
8/31/2016	19	5.6	3.7	6.8	7.1				
9/1/2016						8			
1/19/2017			4.6	6.9	3.3				
1/24/2017		5.4							
1/25/2017	15								
2/28/2017						8.5			
4/19/2017						7.8			
7/17/2017						7.8			
7/18/2017			4.2	7.4					
7/19/2017		5.6			5.8				
7/20/2017	14								
9/20/2017				7.6		8			
9/21/2017	14	5.5	4.4		6.2				
1/8/2018						7.9			
1/9/2018	15	5.6	4.4	8.6	9.9				
3/27/2018			4.9	9.4	13	8			
3/28/2018	14								
3/29/2018		5.3							
7/10/2018	13	5.2	5.5	11	17	7.8			
10/8/2018			6.6		16	8.5	7.3	6.8	
10/9/2018	13	5.4		14					
1/30/2019	12		6.9	15	6.5	8.2	7.3	7.1	
1/31/2019		5.2							
3/27/2019					9.1	8.1			
3/28/2019	11	4.6	5.7	15			6.1	6.1	
9/11/2019						7.1			
9/12/2019	9.9	5.2	6.1	16	9.1		7.6	6.8	
3/10/2020			5	19	3.7	8.1	8		
3/11/2020								6.9	
3/31/2020	14	5.7							
4/2/2020				20					
9/21/2020			5.4	19		8.1		6.5	
9/22/2020	11	5.4			6.3		8		
3/23/2021		5.2		22		8.6	7.8	7.6	9.9
3/24/2021	10		6.2		7.4				
8/17/2021			6.1	23	11	9.1	7.7	8.3	10
8/18/2021	7.3	5.7							
2/7/2022							6.7	7.6	
2/8/2022		5	6.4	23	12	8.6			9.5
2/9/2022	5.3								
8/30/2022	4.8	4.8	4.7	26	15	8.5	5.9	7.5	7.7
8/31/2022									
1/31/2023							6.7	7.9	8
2/1/2023	4.3	4.8	4.5	30					
2/2/2023					15				
3/28/2023									10
3/29/2023									
5/30/2023									9.1
5/31/2023									
7/26/2023									7.3
8/28/2023			4.6					7.1	6.8
8/29/2023	4.1	4.8		29			7.9		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-1A (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
9/6/2023					14				
1/23/2024	4.3	5	5.1	33	16		9.6	7.2	6.3
8/19/2024							11	8.1	
8/20/2024	4.9	5	7.9	33	6.9				9.2
1/27/2025								7	
1/28/2025	14	5	8.5	34	12		9.8		9.4
7/29/2025			6.5	37	10		7.1	7.7	8.8
7/30/2025	16	4.7							

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-5A	GWC-1A
8/31/2016			
9/1/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	11		
3/24/2021		15	15
8/17/2021			
8/18/2021	12	7.8	16
2/7/2022			
2/8/2022		5.9	
2/9/2022	9.5		15
8/30/2022			14
8/31/2022	9.6	4.5	
1/31/2023	9.7	4.5	14
2/1/2023			
2/2/2023			
3/28/2023			
3/29/2023	11	5	14
5/30/2023			
5/31/2023	9.4	4.8	13
7/26/2023	10	5.4	14
8/28/2023			
8/29/2023	9.5	5.2	13

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-5A	GWC-1A
9/6/2023			
1/23/2024	10	6.4	14
8/19/2024			
8/20/2024	11	10	15
1/27/2025			
1/28/2025	11	11	16
7/29/2025	11	11	
7/30/2025			16

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-1A (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
8/31/2016	<0.2	<0.2	<0.2	<0.2	0.13 (J)				
9/1/2016						<0.2			
1/19/2017			0.089 (J)	<0.2	<0.2				
1/24/2017		<0.2							
1/25/2017	<0.2								
2/28/2017						0.098 (J)			
4/19/2017						<0.2			
7/17/2017						<0.2			
7/18/2017			<0.2	<0.2					
7/19/2017		<0.2			<0.2				
7/20/2017	<0.2								
9/20/2017				<0.2		<0.2			
9/21/2017	<0.2	<0.2	<0.2		0.13 (J)				
1/8/2018						<0.2			
1/9/2018	<0.2	<0.2	<0.2	<0.2	0.13 (J)				
3/27/2018			<0.2	<0.2	0.21	<0.2			
3/28/2018	<0.2								
3/29/2018		<0.2							
7/10/2018	<0.2	<0.2	<0.2	<0.2	0.17 (J)	<0.2			
10/8/2018			<0.2		0.11 (J)	<0.2	<0.2	<0.2	
10/9/2018	<0.2	<0.2		<0.2					
1/30/2019	<0.2		0.029 (J)	<0.2	0.089 (J)	<0.2	<0.2	<0.2	
1/31/2019		<0.2							
3/27/2019					0.1 (J)	<0.2			
3/28/2019	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2	
9/11/2019						<0.2			
9/12/2019	<0.2	<0.2	0.035 (J)	<0.2	0.052 (J)		0.036 (J)	<0.2	
3/10/2020			0.066 (J)	0.026 (J)	0.051 (J)	<0.2	<0.2		
3/11/2020								<0.2	
3/31/2020	0.028 (J)	0.043 (J)							
4/2/2020				0.051 (J)					
9/21/2020			0.06 (J)	<0.2		<0.2		<0.2	
9/22/2020	<0.2	<0.2			0.049 (J)		0.039 (J)		
3/23/2021		<0.2		<0.2		<0.2	<0.2	<0.2	0.079 (J)
3/24/2021	<0.2		0.12		0.08 (J)				
8/17/2021			0.061 (J)	0.064 (J)	0.097 (J)	0.038 (J)	0.083 (J)	0.033 (J)	0.09 (J)
8/18/2021	<0.2	<0.2							
2/7/2022							0.027 (J)	<0.2	
2/8/2022		<0.2	0.061 (J)	0.033 (J)	0.12	<0.2			0.077 (J)
2/9/2022	0.038 (J)								
8/30/2022	<0.2	<0.2	0.047 (J)	<0.2	0.11	<0.2	<0.2	<0.2	0.51
8/31/2022									
1/31/2023							<0.2	<0.2	0.13
2/1/2023	<0.2	<0.2	0.043 (J)	<0.2					
2/2/2023					0.12				
3/28/2023									0.04 (J)
3/29/2023									
5/30/2023									0.067 (J)
5/31/2023									
7/26/2023									0.19
8/28/2023			0.051 (J)					<0.2	0.21
8/29/2023	<0.2	<0.2		<0.2			<0.2		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-1A (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
9/6/2023					0.15				
1/23/2024	<0.2	0.043 (J)	0.077 (J)	0.049 (J)	0.15		<0.2	<0.2	0.24
8/19/2024							<0.2	<0.2	
8/20/2024	<0.2	<0.2	<0.2	<0.2	0.13				<0.2
1/27/2025								<0.2	
1/28/2025	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2		<0.2
7/29/2025			0.14 (J)	<0.2	0.21		<0.2	0.085 (J)	0.11 (J)
7/30/2025	<0.2	<0.2							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-5A	GWC-1A
8/31/2016			
9/1/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	<0.2		
3/24/2021		<0.2	0.046 (J)
8/17/2021			
8/18/2021	0.039 (J)	<0.2	0.072 (J)
2/7/2022			
2/8/2022		0.033 (J)	
2/9/2022	0.042 (J)		0.069 (J)
8/30/2022			0.071 (J)
8/31/2022	<0.2	<0.2	
1/31/2023	<0.2	<0.2	0.074 (J)
2/1/2023			
2/2/2023			
3/28/2023			
3/29/2023	<0.2	<0.2	0.066 (J)
5/30/2023			
5/31/2023	0.05 (J)	0.056 (J)	0.11
7/26/2023	<0.2	<0.2	0.085 (J)
8/28/2023			
8/29/2023	<0.2	<0.2	0.08 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-5A	GWC-1A
9/6/2023			
1/23/2024	<0.2	<0.2	0.1
8/19/2024			
8/20/2024	<0.2	<0.2	<0.2
1/27/2025			
1/28/2025	<0.2	<0.2	<0.2
7/29/2025	0.12 (J)	0.14 (J)	
7/30/2025			0.12 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-3A (bg)	GWA-5 (bg)	GWC-2	GWC-4A	GWA-4 (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
10/5/1999	6.63	6.42	6.3	6.08	5.33	6.51			
11/12/1999	5.51	5.03	4.72	5.35	4.6	5.46			
12/29/1999	5.23	4.92	4.8	5.19	4.8	5.13			
2/17/2000	5.29	5.13	4.78	5.18	4.98	5.22			
9/13/2000	5.41	4.85	4.58	5.13	4.75	4.86			
11/10/2000	5.47	5.05	4.5	5.2	4.65	5.29			
1/4/2001	5.44	5.08	4.61	5.14	4.83	5.53			
12/11/2001	4.86	4.81	4.87	4.93	4.73	5.37			
4/4/2002	5.1	4.92	4.96	5	5.05	5.32			
12/6/2002	5.05	5.07	4.4	5.02	4.65	5.45			
6/28/2003	4.91	4.69	3.77	4.92	4	4.73			
12/13/2003	4.87	4.81	4.25	4.82	4.97	4.53			
5/28/2004	4.98	3.93	3.9	4.6	4.51	4.22			
12/10/2004	4.35	4.25	3.71	4.29	4.09	4.26			
2/5/2005				4.43					
6/24/2005	4.82	4.5	3.94	4.56	4.27	4.47			
12/13/2005	4.66	4.52	3.94	4.34	4.54	4.47			
6/26/2006			5.56	4.38	4.57				
6/27/2006	5.49	3.59				3.68			
7/11/2014	5.55				4.64				
7/12/2014		5.44	3.88	5.68		5.33			
7/15/2015	5.13	4.98	4.19	5.22	4.67	4.94			
1/16/2016	5.06	4.87	4.35			4.85			
1/17/2016				6.07					
6/22/2016	5.15	4.92	4.64	5.84	4.69	5.09			
8/31/2016		4.92	4.53	5.84	4.92	4.79			
12/15/2016	4.92								
1/19/2017		4.86	4.79			4.72			
1/24/2017				5.25					
1/25/2017					4.73				
2/28/2017	5.33								
7/17/2017	5.09								
7/18/2017		5.02				4.96			
7/19/2017			4.83	5.54					
7/20/2017					4.96				
9/20/2017	5.29	4.72							
9/21/2017			4.57	5.19	4.78	4.7			
1/8/2018	5.26	4.92							
1/9/2018		4.83	4.4	4.97	4.79	4.91			
3/27/2018	5.27	4.91	4.11			4.92			
3/28/2018					4.44				
3/29/2018				5.15					
7/10/2018	5.17	4.87	4.62	5.37	4.88	4.94			
10/8/2018	5.18		4.51			4.76	5.79	5.29	
10/9/2018		4.84		5.04	4.85				
1/30/2019	5.17	4.88	4.72		4.52	4.94	5.15	5.08	
1/31/2019				5.38					
3/27/2019	5.09		4.56						
3/28/2019		4.8		5.38	4.68	4.99	5.62	4.93	
9/11/2019	5.1								
9/12/2019		4.99	4.54	5.14	4.89	4.92	5.1	5.57	
3/10/2020	5.48	4.79	4.81			4.59		5.56	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-3A (bg)	GWA-5 (bg)	GWC-2	GWC-4A	GWA-4 (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
3/11/2020							5.05		
3/31/2020				5.64	4.66 (D)				
4/2/2020		4.75							
9/21/2020	4.95	4.69				4.6	5.35		
9/22/2020			4.99	5.04	4.92			5.83	
3/23/2021	5.17	4.6		5.61			5.01	5.61	5.31
3/24/2021			4.37		4.59	4.42			
8/17/2021	5.24	4.76	4.63			4.78	5.51	5.82	
8/18/2021				4.98	4.76				5.26
2/7/2022							5.29	5.7	
2/8/2022	5.17	4.69	4.67	4.79		4.93			
2/9/2022					4.82 (D)				5.31
8/30/2022	5.01	4.71	4.51	4.96	4.71	4.72	5	4.9	
8/31/2022									5.07
1/31/2023							5	5.07	5.32
2/1/2023		4.52		4.83	4.6	4.77			
2/2/2023			4.59						
3/28/2023									
3/29/2023									5.18
5/30/2023									
5/31/2023									5.07
7/26/2023									4.93
8/28/2023						4.34	4.91		
8/29/2023		4.46		4.63	4.39			5.78	4.96
9/6/2023			4.32						
1/23/2024		4.65	4.66	4.96	4.64	4.98	5.01	5.14	5.32
8/19/2024							5.16	5.7	
8/20/2024		4.96	4.62	5.6	4.68	4.81			5.3
1/27/2025							5.18		
1/28/2025		4.52	4.5	5.01	4.69	4.88		5	5.26
7/29/2025		4.73	4.67			4.58	4.99	4.89	5.13
7/30/2025				5	4.84				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
10/5/1999			
11/12/1999			
12/29/1999			
2/17/2000			
9/13/2000			
11/10/2000			
1/4/2001			
12/11/2001			
4/4/2002			
12/6/2002			
6/28/2003			
12/13/2003			
5/28/2004			
12/10/2004			
2/5/2005			
6/24/2005			
12/13/2005			
6/26/2006			
6/27/2006			
7/11/2014			
7/12/2014			
7/15/2015			
1/16/2016			
1/17/2016			
6/22/2016			
8/31/2016			
12/15/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	5.63		
3/24/2021		5.42	4.38
8/17/2021	5.83		
8/18/2021		5.17	4.59
2/7/2022			
2/8/2022	5.43	5.2	
2/9/2022			4.53
8/30/2022	5.86		4.43
8/31/2022		4.97	
1/31/2023	6.15	4.85	4.43
2/1/2023			
2/2/2023			
3/28/2023	5.73		
3/29/2023		4.69	4.38
5/30/2023	5.89		
5/31/2023		4.62	4.31
7/26/2023	5.86	4.57	4.26
8/28/2023	5.72		
8/29/2023		4.6	4.25
9/6/2023			
1/23/2024	6.52	4.8	4.55
8/19/2024			
8/20/2024	5.71	4.78	4.52
1/27/2025			
1/28/2025	5.5	4.69	4.46
7/29/2025	5.32	4.85	
7/30/2025			4.41

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-1A (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
8/31/2016	1.7	<1	7	<1	21				
9/1/2016						<1			
1/19/2017			6.3	<1	11				
1/24/2017		<1							
1/25/2017	1.8								
2/28/2017						2.7			
4/19/2017						<1			
7/17/2017						<1			
7/18/2017			4.7	<1					
7/19/2017		<1			12				
7/20/2017	0.83 (J)								
9/20/2017				<1		<1			
9/21/2017	1.1	<1	4.5		15				
1/8/2018						<1			
1/9/2018	0.79 (J)	<1	3	<1	25				
3/27/2018			3.8	<1	31	<1			
3/28/2018	0.79 (J)								
3/29/2018		<1							
7/10/2018	0.76 (J)	<1	3.4	<1	19	<1			
10/8/2018			3.4		17	<1	73	75	
10/9/2018	<1	<1		<1					
1/30/2019	0.9 (J)		3.5	0.41 (J)	15	1.2	74	85	
1/31/2019		0.57 (J)							
3/27/2019					20	<1			
3/28/2019	1.1	<1	3	0.44 (J)			71	85	
9/11/2019						<1			
9/12/2019	1.1	0.43 (J)	3.7	0.69 (J)	10		59	81	
3/10/2020			7.2	3	15	1.5	57		
3/11/2020								110	
3/31/2020	2.5	1							
4/2/2020				<1					
9/21/2020			5	<1		<1		49	
9/22/2020	0.76 (J)	<1			12		52		
3/23/2021		0.8 (J)		<1		<1	49	88	6.8
3/24/2021	<1		7		16				
8/17/2021			5	<1	11	<1	54	84	5.2
8/18/2021	<1	1.2							
2/7/2022							42	54	
2/8/2022		2.7	5.9	<1	13	<1			2.8
2/9/2022	<1								
8/30/2022	<1	1.1	3.5	<1	13	<1	74	73	1.6
8/31/2022									
1/31/2023							71	74	1
2/1/2023	<1	1.3	3.1	<1					
2/2/2023					15				
3/28/2023									2
3/29/2023									
5/30/2023									2
5/31/2023									
7/26/2023									1.5
8/28/2023			3.2					67	1.4
8/29/2023	0.57 (J)	5.2		<1			42		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-1A (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
9/6/2023					14				
1/23/2024	0.41 (J)	3.8	3.3	<1	14		54	66	1.4
8/19/2024							32	77	
8/20/2024	0.95 (J)	5.1	4	<1	19				0.78 (J)
1/27/2025								65	
1/28/2025	1.1	4.6	3.4	<1	18		65		0.7 (J)
7/29/2025			4.2	<1	14		80	68	0.84 (J)
7/30/2025	1.4	5.5							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-5A	GWC-1A
8/31/2016			
9/1/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	10		
3/24/2021		26	1
8/17/2021			
8/18/2021	8.3	10	0.84 (J)
2/7/2022			
2/8/2022		5.9	
2/9/2022	5.4		<1
8/30/2022			<1
8/31/2022	3.5	<1	
1/31/2023	3.3	<1	<1
2/1/2023			
2/2/2023			
3/28/2023			
3/29/2023	4	<1	<1
5/30/2023			
5/31/2023	3.3	0.71 (J)	0.43 (J)
7/26/2023	3.2	0.43 (J)	<1
8/28/2023			
8/29/2023	2.7	0.48 (J)	0.4 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-5A	GWC-1A
9/6/2023			
1/23/2024	3.3	<1	<1
8/19/2024			
8/20/2024	3.2	0.52 (J)	0.48 (J)
1/27/2025			
1/28/2025	2.2	<1	<1
7/29/2025	1.8	<1	
7/30/2025			<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-5 (bg)	GWC-4A	GWA-3A (bg)	GWC-2	GWA-4 (bg)	GWA-1A (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
8/31/2016	66	36	42	42	14				
9/1/2016						2200 (O)			
1/19/2017	48		52		34				
1/24/2017				28					
1/25/2017		58							
2/28/2017						74			
4/19/2017						8			
7/17/2017						50			
7/18/2017			32		26				
7/19/2017	48			42					
7/20/2017		16							
9/20/2017			16			26			
9/21/2017	76	24		46	24				
1/8/2018						16			
1/9/2018	18	8	4 (J)	10	16				
3/27/2018	48		30		<10	40			
3/28/2018		26							
3/29/2018				52					
7/10/2018	76	26	30	38	14	90			
10/8/2018	8				36	70	170	180	
10/9/2018		16	56	52					
1/30/2019	67	37	41		40	82	140	180	
1/31/2019				45					
3/27/2019	70					66			
3/28/2019		28	36	45	24		150	170	
9/11/2019						53			
9/12/2019	20	<10	<10	28	10		89	140	
3/10/2020	67		49		39	67	130		
3/11/2020								180	
3/31/2020		52		50					
4/2/2020			61						
9/21/2020			61		31	31		130	
9/22/2020	53	36		30			110		
3/23/2021			76	56		47	130	180	63
3/24/2021	60	27			36				
8/17/2021	50		83		33	36	130	160	43
8/18/2021		29		37					
2/7/2022							120	150	
2/8/2022	57		62	30	29	45			39
2/9/2022		22							
8/30/2022	64	21	87	38	40	55	150	160	79
8/31/2022									
1/31/2023							140	150	76
2/1/2023		18	85	36	34				
2/2/2023	65								
3/28/2023									48
3/29/2023									
5/30/2023									51
5/31/2023									
7/26/2023									84
8/28/2023					48			140	85
8/29/2023		21	85	45			110		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-5 (bg)	GWC-4A	GWA-3A (bg)	GWC-2	GWA-4 (bg)	GWA-1A (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
9/6/2023	66								
1/23/2024	68	25	99	40	32		120	140	100
8/19/2024							98	130	
8/20/2024	53	23	94	60	40				50
1/27/2025								130	
1/28/2025	58	37	98	42	37		120		52
7/29/2025	65		110		34		160	170	58
7/30/2025		50		56					

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-1A	GWC-5A
8/31/2016			
9/1/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	71		
3/24/2021		59	97
8/17/2021			
8/18/2021	61	66	41
2/7/2022			
2/8/2022			48
2/9/2022	100	62	
8/30/2022		65	
8/31/2022	73		27
1/31/2023	71	57	25
2/1/2023			
2/2/2023			
3/28/2023			
3/29/2023	69	63	26
5/30/2023			
5/31/2023	68	61	25
7/26/2023	70	57	29
8/28/2023			
8/29/2023	76	53	36

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/29/2025 3:51 PM View: Appendix III - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-1A	GWC-5A
9/6/2023			
1/23/2024	75	63	35
8/19/2024			
8/20/2024	71	56	39
1/27/2025			
1/28/2025	68	58	37
7/29/2025	78		40
7/30/2025		69	

FIGURE E.

Appendix I Interwell Prediction Limits - All Results (No Significant)

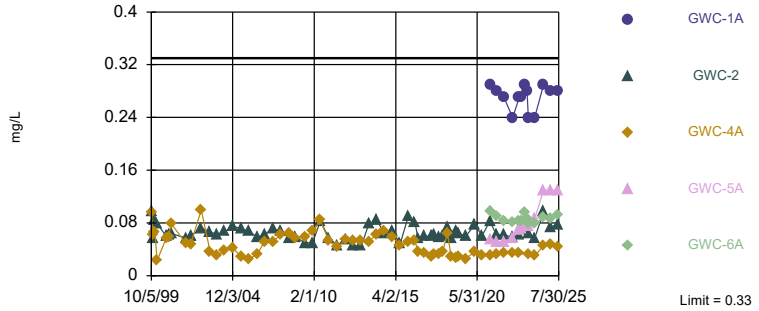
Plant McIntosh Client: Southern Company Data: McIntosh LF 3 Printed 9/29/2025, 4:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-1A	0.33	n/a	7/30/2025	0.28	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-2	0.33	n/a	7/30/2025	0.078	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-4A	0.33	n/a	7/30/2025	0.043	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-5A	0.33	n/a	7/29/2025	0.13	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-6A	0.33	n/a	7/29/2025	0.092	No	281	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Beryllium (mg/L)	GWC-1A	0.0036	n/a	7/30/2025	0.00038J	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-2	0.0036	n/a	7/30/2025	0.00023J	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-4A	0.0036	n/a	7/30/2025	0.001ND	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-5A	0.0036	n/a	7/29/2025	0.00037J	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-6A	0.0036	n/a	7/29/2025	0.0003J	No	281	n/a	n/a	60.14	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-1A	0.032	n/a	7/30/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-2	0.032	n/a	7/30/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-4A	0.032	n/a	7/30/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-5A	0.032	n/a	7/29/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-6A	0.032	n/a	7/29/2025	0.005ND	No	279	n/a	n/a	51.61	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	GWC-1A	0.0072	n/a	7/30/2025	0.0045J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GWC-2	0.0072	n/a	7/30/2025	0.0014J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GWC-4A	0.0072	n/a	7/30/2025	0.00041J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GWC-5A	0.0072	n/a	7/29/2025	0.0033J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Cobalt (mg/L)	GWC-6A	0.0072	n/a	7/29/2025	0.00094J	No	277	n/a	n/a	42.6	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Copper (mg/L)	GWC-1A	0.008	n/a	7/30/2025	0.00084J	No	259	n/a	n/a	76.06	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.008	n/a	7/30/2025	0.002ND	No	259	n/a	n/a	76.06	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Copper (mg/L)	GWC-4A	0.008	n/a	7/30/2025	0.002ND	No	259	n/a	n/a	76.06	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-1A	0.016	n/a	7/30/2025	0.001ND	No	280	n/a	n/a	78.93	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.016	n/a	7/30/2025	0.001ND	No	280	n/a	n/a	78.93	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-5A	0.016	n/a	7/29/2025	0.001ND	No	280	n/a	n/a	78.93	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-6A	0.016	n/a	7/29/2025	0.001ND	No	280	n/a	n/a	78.93	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-1A	0.03	n/a	7/30/2025	0.005ND	No	260	n/a	n/a	72.69	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-2	0.03	n/a	7/30/2025	0.005ND	No	260	n/a	n/a	72.69	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-4A	0.03	n/a	7/30/2025	0.005ND	No	260	n/a	n/a	72.69	n/a	n/a	0.0000492	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWC-1A	0.074	n/a	7/30/2025	0.022	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-2	0.074	n/a	7/30/2025	0.0091J	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-4A	0.074	n/a	7/30/2025	0.01ND	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-5A	0.074	n/a	7/29/2025	0.015	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-6A	0.074	n/a	7/29/2025	0.01ND	No	261	n/a	n/a	23.75	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

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 281 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

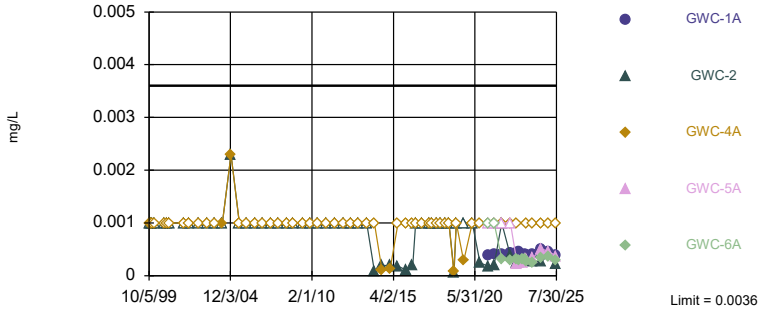
Constituent: Barium Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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 281 background values. 60.14% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

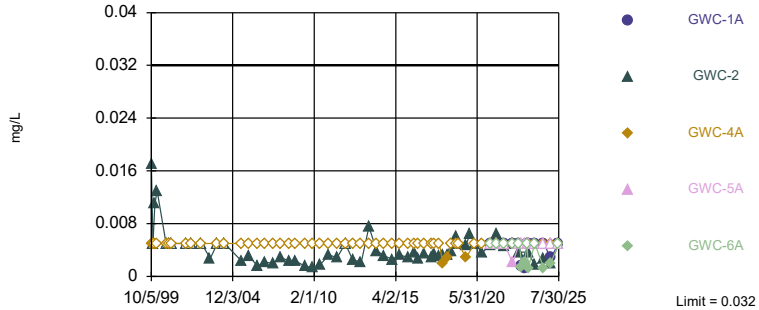
Constituent: Beryllium Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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 279 background values. 51.61% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

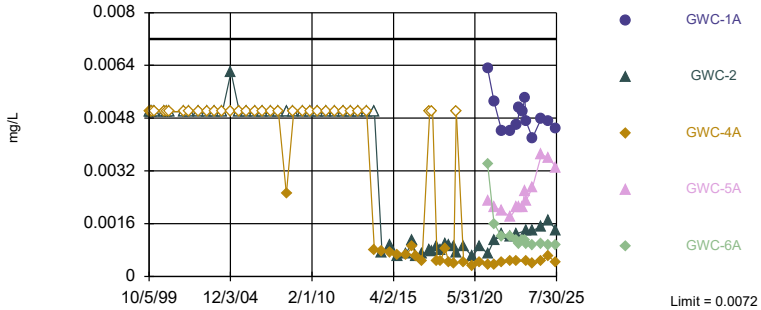
Constituent: Chromium Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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 277 background values. 42.6% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

Constituent: Cobalt Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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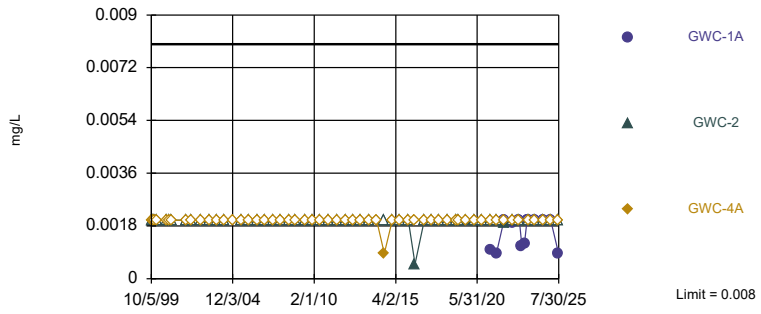
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 259 background values. 76.06% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Copper Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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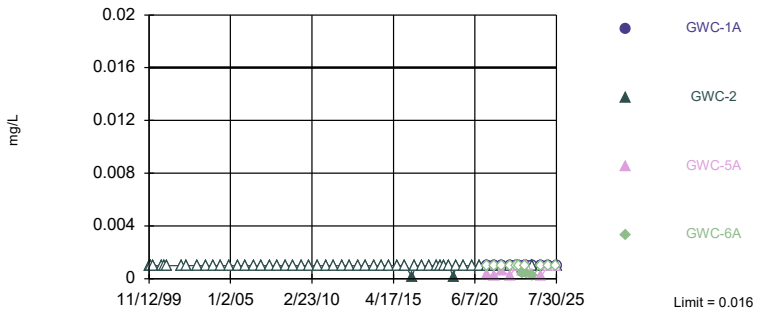
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 280 background values. 78.93% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 4 points to limit. Assumes 1 future value.

Constituent: Lead Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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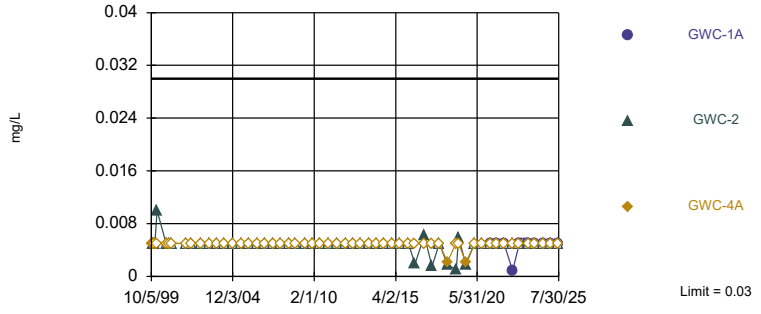
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 260 background values. 72.69% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Vanadium Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

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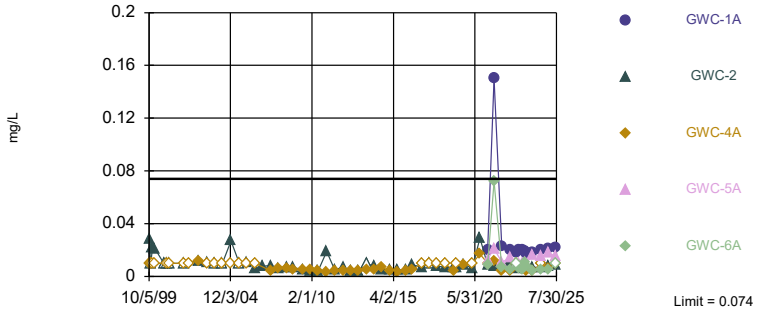
Hollow symbols indicate censored values.
Within Limit

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 261 background values. 23.75% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

Constituent: Zinc Analysis Run 9/29/2025 4:10 PM View: Appendix I - Interwell Prediction Limits
Plant McIntosh Client: Southern Company Data: McIntosh LF 3

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-3A (bg)	GWC-2	GWC-4A	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
10/5/1999	0.084	0.013	0.1	0.031	0.097	0.095			
11/12/1999	0.099	0.017	0.086	0.023	0.057	0.063			
12/29/1999	0.18	0.027	0.12	0.033	0.084	0.066			
2/17/2000	0.12	0.023	0.13	0.026	0.079	0.023			
9/13/2000	0.038	0.022	0.18	0.044					
9/14/2000					0.06	0.056			
11/10/2000	0.065	0.035	0.18	0.044	0.062	0.059			
1/3/2001		0.032	0.23						
1/4/2001	0.037			0.043	0.064	0.079			
12/10/2001	0.027	0.032	0.12						
12/11/2001				0.041	0.057	0.049			
4/4/2002	0.027	0.03	0.094	0.038	0.06	0.048			
12/6/2002	0.028					0.1			
12/9/2002		0.041	0.33	0.044	0.072				
6/28/2003	0.054	0.035	0.11	0.045	0.066	0.036			
12/13/2003	0.027	0.029	0.057	0.039	0.063	0.031			
5/28/2004	0.18								
5/29/2004		0.033	0.035	0.042	0.067	0.038			
12/11/2004	0.1	0.037	0.04	0.045					
12/12/2004					0.075	0.041			
6/24/2005	0.045	0.034	0.037	0.042					
6/25/2005					0.071	0.028			
12/13/2005	0.048	0.03	0.039	0.043	0.068	0.025			
6/26/2006			0.042		0.058	0.033			
6/27/2006	0.13	0.03		0.043					
12/1/2006	0.14	0.032	0.044	0.041					
12/2/2006					0.063	0.051			
6/21/2007		0.03	0.058	0.043					
6/22/2007	0.2				0.071	0.052			
12/14/2007					0.068	0.062			
12/15/2007	0.14	0.034	0.073	0.045					
6/21/2008		0.037				0.065			
6/22/2008	0.1		0.096	0.05	0.057				
12/6/2008		0.034	0.094	0.14	0.058	0.056			
12/7/2008	0.043								
7/10/2009				0.046					
7/11/2009	0.13	0.037	0.12		0.05	0.059			
12/22/2009			0.089						
12/23/2009	0.17	0.058		0.049	0.05	0.067			
6/23/2010		0.046	0.081	0.043	0.083	0.084			
6/24/2010	0.045								
1/8/2011		0.036	0.097	0.047	0.057	0.053			
1/9/2011	0.11								
7/10/2011		0.031	0.084	0.035	0.046	0.043			
7/11/2011	0.022								
1/19/2012		0.045		0.05					
1/20/2012	0.043		0.099		0.055	0.054			
7/12/2012		0.039	0.12	0.042	0.045	0.053			
7/13/2012	0.05								
1/21/2013	0.11	0.042	0.095	0.048	0.045	0.053			
7/20/2013	0.04	0.054	0.086	0.047	0.079	0.052			
1/17/2014	0.082	0.057	0.14	0.049	0.084	0.063			

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-3A (bg)	GWC-2	GWC-4A	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
7/11/2014						0.068			
7/12/2014	0.034	0.042	0.17	0.043	0.065				
1/15/2015		0.041		0.05	0.067				
1/16/2015	0.029		0.12			0.059			
7/15/2015	0.025	0.04	0.12	0.044	0.049	0.045			
1/16/2016	0.026	0.04	0.12	0.048					
1/17/2016					0.09	0.052			
6/22/2016	0.0485	0.0453	0.0839	0.0486	0.0806	0.0528			
8/31/2016		0.041	0.093	0.043	0.057	0.037			
9/1/2016	0.86 (O)								
12/15/2016	0.054								
1/19/2017		0.052	0.079	0.052					
1/24/2017					0.06				
1/25/2017						0.034			
2/28/2017	0.027								
4/19/2017	0.023								
7/17/2017	0.022								
7/18/2017		0.037		0.046					
7/19/2017			0.085		0.06				
7/20/2017						0.028			
9/20/2017	0.023			0.053					
9/21/2017		0.042	0.1		0.063	0.032			
1/8/2018	0.022								
1/9/2018		0.043	0.13	0.05	0.059	0.033			
3/27/2018	0.023	0.039	0.18	0.054					
3/28/2018						0.037			
3/29/2018					0.06				
7/10/2018	0.024	0.043	0.14	0.056	0.073	0.065			
10/8/2018	0.03	0.042	0.11				0.14	0.049	
10/9/2018				0.061	0.057	0.029			
1/30/2019	0.024	0.04	0.079	0.071		0.027	0.1	0.041	
1/31/2019					0.067				
3/27/2019	0.021		0.12						
3/28/2019		0.041		0.068	0.064	0.028	0.1	0.035	
9/11/2019	0.022								
9/12/2019		0.044	0.086	0.073	0.06	0.026	0.077	0.049	
3/10/2020	0.018	0.058	0.081	0.082				0.047	
3/11/2020							0.067		
3/31/2020					0.077	0.036			
4/2/2020				0.088					
9/21/2020	0.023	0.052		0.083			0.11		
9/22/2020			0.078		0.061	0.031		0.049	
3/23/2021	0.023			0.093	0.083		0.048	0.044	0.098
3/24/2021		0.052	0.096			0.031			
8/17/2021	0.025	0.056	0.094	0.095			0.054	0.047	
8/18/2021					0.062	0.032			0.09
2/7/2022							0.096	0.047	
2/8/2022	0.024	0.054	0.1	0.1	0.062				
2/9/2022						0.034			0.083
8/30/2022	0.023	0.046	0.13	0.11	0.058	0.035	0.047	0.03	
8/31/2022									0.081
1/31/2023							0.043	0.036	0.083

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-3A (bg)	GWC-2	GWC-4A	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
2/1/2023		0.05		0.13	0.063	0.034			
2/2/2023			0.13						
3/28/2023									
3/29/2023									0.082
5/30/2023									
5/31/2023									0.096
7/26/2023									0.086
8/28/2023		0.047					0.044		
8/29/2023				0.12	0.065	0.032		0.045	0.079
9/6/2023			0.12						
1/23/2024		0.045	0.12	0.13	0.057	0.03	0.041	0.037	0.079
8/19/2024							0.047	0.063	
8/20/2024		0.057	0.11	0.14	0.097	0.046			0.088
1/27/2025							0.044		
1/28/2025		0.058	0.13	0.16	0.074	0.047		0.054	0.086
7/29/2025		0.045	0.11	0.16			0.047	0.053	0.092
7/30/2025					0.078	0.043			

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
10/5/1999			
11/12/1999			
12/29/1999			
2/17/2000			
9/13/2000			
9/14/2000			
11/10/2000			
1/3/2001			
1/4/2001			
12/10/2001			
12/11/2001			
4/4/2002			
12/6/2002			
12/9/2002			
6/28/2003			
12/13/2003			
5/28/2004			
5/29/2004			
12/11/2004			
12/12/2004			
6/24/2005			
6/25/2005			
12/13/2005			
6/26/2006			
6/27/2006			
12/1/2006			
12/2/2006			
6/21/2007			
6/22/2007			
12/14/2007			
12/15/2007			
6/21/2008			
6/22/2008			
12/6/2008			
12/7/2008			
7/10/2009			
7/11/2009			
12/22/2009			
12/23/2009			
6/23/2010			
6/24/2010			
1/8/2011			
1/9/2011			
7/10/2011			
7/11/2011			
1/19/2012			
1/20/2012			
7/12/2012			
7/13/2012			
1/21/2013			
7/20/2013			
1/17/2014			

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
7/11/2014			
7/12/2014			
1/15/2015			
1/16/2015			
7/15/2015			
1/16/2016			
1/17/2016			
6/22/2016			
8/31/2016			
9/1/2016			
12/15/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	0.021		
3/24/2021		0.055	0.29
8/17/2021	0.022		
8/18/2021		0.052	0.28
2/7/2022			
2/8/2022	0.019	0.052	
2/9/2022			0.27
8/30/2022	0.022		0.24
8/31/2022		0.057	
1/31/2023	0.024	0.07	0.27

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
2/1/2023			
2/2/2023			
3/28/2023	0.018		
3/29/2023		0.071	0.27
5/30/2023	0.019		
5/31/2023		0.076	0.29
7/26/2023	0.026	0.082	0.28
8/28/2023	0.023		
8/29/2023		0.076	0.24
9/6/2023			
1/23/2024	0.021	0.087	0.24
8/19/2024			
8/20/2024	0.018	0.13	0.29
1/27/2025			
1/28/2025	0.015	0.13	0.28
7/29/2025	0.017	0.13	
7/30/2025			0.28

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-3A (bg)	GWC-2	GWC-4A	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
10/5/1999	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
11/12/1999	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
12/29/1999	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/17/2000	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
9/13/2000	<0.001	<0.001	<0.001	<0.001					
9/14/2000					<0.001	<0.001			
11/10/2000	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
1/3/2001		<0.001	<0.001						
1/4/2001	<0.001			<0.001	<0.001	<0.001			
12/10/2001	<0.001	<0.001	<0.001						
12/11/2001				<0.001	<0.001	<0.001			
4/4/2002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
12/6/2002	<0.001					<0.001			
12/9/2002		<0.001	0.0018	<0.001	<0.001				
6/28/2003	<0.001	<0.001	0.0036	<0.001	<0.001	<0.001			
12/13/2003	<0.001	<0.001	0.0019	<0.001	<0.001	<0.001			
5/28/2004	0.0013								
5/29/2004		<0.001	0.002	<0.001	<0.001	0.001			
12/11/2004	0.0028	0.0023	0.0035	0.0024					
12/12/2004					0.0023	0.0023			
6/24/2005	<0.001	<0.001	<0.001	<0.001					
6/25/2005					<0.001	<0.001			
12/13/2005	<0.001	<0.001	0.001	<0.001	<0.001	<0.001			
6/26/2006			<0.001		<0.001	<0.001			
6/27/2006	<0.001	<0.001		<0.001					
12/1/2006	<0.001	<0.001	<0.001	<0.001					
12/2/2006					<0.001	<0.001			
6/21/2007		<0.001	<0.001	<0.001					
6/22/2007	<0.001				<0.001	<0.001			
12/14/2007					<0.001	<0.001			
12/15/2007	<0.001	<0.001	<0.001	<0.001					
6/21/2008		<0.001				<0.001			
6/22/2008	<0.001		<0.001	<0.001	<0.001				
12/6/2008		<0.001	<0.001	<0.001	<0.001	<0.001			
12/7/2008	<0.001								
7/10/2009				<0.001					
7/11/2009	<0.001	<0.001	<0.001		<0.001	<0.001			
12/22/2009			<0.001						
12/23/2009	<0.001	<0.001		<0.001	<0.001	<0.001			
6/23/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
6/24/2010	<0.001								
1/8/2011		<0.001	<0.001	<0.001	<0.001	<0.001			
1/9/2011	<0.001								
7/10/2011		<0.001	<0.001	<0.001	<0.001	<0.001			
7/11/2011	<0.001								
1/19/2012		<0.001		<0.001					
1/20/2012	<0.001		<0.001		<0.001	<0.001			
7/12/2012		<0.001	<0.001	<0.001	<0.001	<0.001			
7/13/2012	<0.001								
1/21/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
7/20/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
1/17/2014	0.00074 (J)	0.00021 (J)	0.00049 (J)	0.00035 (J)	8.3E-05 (J)	<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-3A (bg)	GWC-2	GWC-4A	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
7/11/2014						9.5E-05 (J)			
7/12/2014	0.00024 (J)	0.00022 (J)	0.00071 (J)	0.00035 (J)	0.0002 (J)				
1/15/2015		0.0002 (J)		0.00039 (J)	0.00019 (J)				
1/16/2015	0.00022 (J)		0.00043 (J)			0.00012 (J)			
7/15/2015	0.00015 (J)	0.00018 (J)	0.00064 (J)	0.00031 (J)	0.00018 (J)	<0.001			
1/16/2016	0.00011 (J)	0.00013 (J)	0.00039 (J)	0.00034 (J)					
1/17/2016					0.00011 (J)	<0.001			
6/22/2016	0.0003 (J)	0.0001 (J)	0.0002 (J)	0.0004 (J)	0.0002 (J)	<0.001			
8/31/2016		<0.001	<0.001	0.00035 (J)	<0.001	<0.001			
9/1/2016	0.0084 (O)								
12/15/2016	0.00048 (J)								
1/19/2017		<0.001	<0.001	<0.001					
1/24/2017					<0.001				
1/25/2017						<0.001			
2/28/2017	<0.001								
4/19/2017	<0.001								
7/17/2017	<0.001								
7/18/2017		<0.001		0.00038 (J)					
7/19/2017			<0.001		<0.001				
7/20/2017						<0.001			
9/20/2017	<0.001			0.00039 (J)					
9/21/2017		<0.001	<0.001		<0.001	<0.001			
1/8/2018	<0.001								
1/9/2018		<0.001	<0.001	<0.001	<0.001	<0.001			
3/27/2018	<0.001	<0.001	<0.001	<0.001					
3/28/2018						<0.001			
3/29/2018					<0.001				
7/10/2018	<0.001	<0.001	<0.001	0.00038 (J)	<0.001	<0.001			
10/8/2018	<0.001	<0.001	<0.001				<0.001	0.0014 (J)	
10/9/2018				0.00044 (J)	<0.001	<0.001			
1/30/2019	0.00026 (J)	0.00019 (J)	0.00024 (J)	0.00051 (J)		7E-05 (J)	0.00047 (J)	0.0019 (J)	
1/31/2019					6.5E-05 (J)				
3/27/2019	<0.001		<0.001						
3/28/2019		<0.001		0.00046 (J)	<0.001	<0.001	0.00034 (J)	0.0017 (J)	
9/11/2019	0.00019 (J)								
9/12/2019		<0.001	0.00036 (J)	0.00084 (J)	<0.001	0.00028 (J)	0.00097 (J)	0.00088 (J)	
3/10/2020	0.00018 (J)	0.00029 (J)	0.00028 (J)	0.00058 (J)				0.00087 (J)	
3/11/2020							0.00078 (J)		
3/31/2020					<0.001	<0.001			
4/2/2020				0.00062 (J)					
9/21/2020	0.0002 (J)	<0.001		0.00054 (J)			<0.001		
9/22/2020			<0.001		0.00025 (J)	<0.001		0.00042 (J)	
3/23/2021	0.00021 (J)			0.00063 (J)	0.00018 (J)		0.00066 (J)	0.00071 (J)	<0.001
3/24/2021		0.00019 (J)	0.00026 (J)			<0.001			
8/17/2021	<0.001	<0.001	0.00018 (J)	0.00049 (J)			0.00047 (J)	0.00068 (J)	
8/18/2021					0.0002 (J)	<0.001			<0.001
2/7/2022							<0.001	0.00071 (J)	
2/8/2022	<0.001	<0.001	<0.001	0.00061 (J)	<0.001				
2/9/2022						<0.001			0.00032 (J)
8/30/2022	0.00035 (J)	0.00028 (J)	<0.001	0.00083 (J)	0.00038 (J)	<0.001	0.0007 (J)	0.0019 (J)	
8/31/2022									0.00029 (J)
1/31/2023							0.00056 (J)	0.0018 (J)	0.00031 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWA-3A (bg)	GWC-2	GWC-4A	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
2/1/2023		0.00024 (J)		0.00078 (J)	0.00024 (J)	<0.001			
2/2/2023			0.0005 (J)						
3/28/2023									
3/29/2023									0.00029 (J)
5/30/2023									
5/31/2023									0.00032 (J)
7/26/2023									0.00031 (J)
8/28/2023		0.00024 (J)					0.0005 (J)		
8/29/2023				0.00071 (J)	0.00031 (J)	<0.001		0.00063 (J)	0.00026 (J)
9/6/2023			0.00041 (J)						
1/23/2024		0.00021 (J)	0.00035 (J)	0.00081 (J)	0.00027 (J)	<0.001	0.00045 (J)	0.0014 (J)	0.00024 (J)
8/19/2024							0.00048 (J)	0.0009 (J)	
8/20/2024		0.00021 (J)	0.00034 (J)	0.00081 (J)	0.00026 (J)	<0.001			0.00033 (J)
1/27/2025							0.00051 (J)		
1/28/2025		0.00021 (J)	0.00035 (J)	0.0012 (J)	0.00041 (J)	<0.001		0.0017 (J)	0.00035 (J)
7/29/2025		0.00017 (J)	0.00028 (J)	0.00088 (J)			0.00051 (J)	0.0018	0.0003 (J)
7/30/2025					0.00023 (J)	<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
10/5/1999			
11/12/1999			
12/29/1999			
2/17/2000			
9/13/2000			
9/14/2000			
11/10/2000			
1/3/2001			
1/4/2001			
12/10/2001			
12/11/2001			
4/4/2002			
12/6/2002			
12/9/2002			
6/28/2003			
12/13/2003			
5/28/2004			
5/29/2004			
12/11/2004			
12/12/2004			
6/24/2005			
6/25/2005			
12/13/2005			
6/26/2006			
6/27/2006			
12/1/2006			
12/2/2006			
6/21/2007			
6/22/2007			
12/14/2007			
12/15/2007			
6/21/2008			
6/22/2008			
12/6/2008			
12/7/2008			
7/10/2009			
7/11/2009			
12/22/2009			
12/23/2009			
6/23/2010			
6/24/2010			
1/8/2011			
1/9/2011			
7/10/2011			
7/11/2011			
1/19/2012			
1/20/2012			
7/12/2012			
7/13/2012			
1/21/2013			
7/20/2013			
1/17/2014			

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
7/11/2014			
7/12/2014			
1/15/2015			
1/16/2015			
7/15/2015			
1/16/2016			
1/17/2016			
6/22/2016			
8/31/2016			
9/1/2016			
12/15/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	<0.001		
3/24/2021		<0.001	0.00039 (J)
8/17/2021	<0.001		
8/18/2021		<0.001	0.00041 (J)
2/7/2022			
2/8/2022	<0.001	<0.001	
2/9/2022			0.0004 (J)
8/30/2022	<0.001		0.00042 (J)
8/31/2022		<0.001	
1/31/2023	<0.001	0.00023 (J)	0.00043 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
2/1/2023			
2/2/2023			
3/28/2023	<0.001		
3/29/2023		0.00024 (J)	0.00046 (J)
5/30/2023	<0.001		
5/31/2023		0.00024 (J)	0.00039 (J)
7/26/2023	<0.001	0.00032 (J)	0.00041 (J)
8/28/2023	<0.001		
8/29/2023		0.00031 (J)	0.00038 (J)
9/6/2023			
1/23/2024	<0.001	0.00033 (J)	0.00041 (J)
8/19/2024			
8/20/2024	<0.001	0.00051 (J)	0.0005 (J)
1/27/2025			
1/28/2025	<0.001	0.00046 (J)	0.00045 (J)
7/29/2025	<0.001	0.00037 (J)	
7/30/2025			0.00038 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWC-2	GWC-4A	GWA-3A (bg)	GWA-7A (bg)	GWA-2B (bg)	GWA-1B (bg)
10/5/1999	0.023	<0.005	<0.005	0.017	<0.005	<0.005			
11/12/1999	0.03	<0.005	<0.005	<0.005	<0.005	<0.005			
12/29/1999	0.059 (O)	<0.005	<0.005	0.011	<0.005	<0.005			
2/17/2000	0.048 (O)	<0.005	<0.005	0.013	<0.005	<0.005			
9/13/2000	<0.005	<0.005	<0.005			<0.005			
9/14/2000				<0.005	<0.005				
11/10/2000	0.018	<0.005	<0.005	<0.005	<0.005	<0.005			
1/3/2001		<0.005	<0.005						
1/4/2001	<0.005			<0.005	<0.005	<0.005			
12/10/2001	<0.005	<0.005	<0.005						
12/11/2001				<0.005	<0.005	<0.005			
4/4/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
12/6/2002	0.0046				<0.005				
12/9/2002		0.0037	0.027	<0.005		<0.005			
6/28/2003	0.0082	0.0039	0.0051	0.0027	0.061 (O)	0.0053			
12/13/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/28/2004	0.016								
5/29/2004		<0.005	0.0031	<0.005	<0.005	0.0027			
12/11/2004	0.0087	<0.005	0.0067			0.004			
12/12/2004				0.74 (O)	0.0059 (O)				
6/24/2005	0.0069	<0.005	<0.005			0.0031			
6/25/2005				0.0023	<0.005				
12/13/2005	0.0075	<0.005	<0.005	0.0031	<0.005	0.0031			
6/26/2006			<0.005	0.0016	<0.005				
6/27/2006	0.027	0.0023				0.0025			
12/1/2006	0.012	0.0017	<0.005			0.0034			
12/2/2006				0.0022	<0.005				
6/21/2007		0.0027	0.0021			0.0053			
6/22/2007	0.012			0.002	<0.005				
12/14/2007				0.0029	<0.005				
12/15/2007	0.0085	0.0026	0.0022			0.0044			
6/21/2008		0.0021			<0.005				
6/22/2008	0.021		0.0019	0.0023		0.0059			
12/6/2008		<0.005	<0.005	0.0023	<0.005	0.0031			
12/7/2008	0.01								
7/10/2009						0.0029			
7/11/2009	0.0073	<0.005	<0.005	0.0015	<0.005				
12/22/2009			0.0032						
12/23/2009	0.013	<0.005		0.0014	<0.005	0.0025			
6/23/2010		<0.005	<0.005	0.0018	<0.005	0.0013			
6/24/2010	0.0076								
1/8/2011		<0.005	0.0019	0.0033	<0.005	0.0017			
1/9/2011	0.023								
7/10/2011		<0.005	<0.005	0.0028	<0.005	<0.005			
7/11/2011	0.0042								
1/19/2012		<0.005				<0.005			
1/20/2012	0.009		<0.005	<0.005	<0.005				
7/12/2012		<0.005	0.0044	0.0025	<0.005	<0.005			
7/13/2012	0.013								
1/21/2013	0.032	<0.005	<0.005	0.0022	<0.005	0.0014			
7/20/2013	0.01	<0.005	0.0017	0.0075	<0.005	0.0021			
1/17/2014	0.024	<0.005	0.0012 (J)	0.0039	<0.005	0.0023			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWC-2	GWC-4A	GWA-3A (bg)	GWA-7A (bg)	GWA-2B (bg)	GWA-1B (bg)
7/11/2014					<0.005				
7/12/2014	0.0069	<0.005	0.0014	0.0031		0.0012 (J)			
1/15/2015		<0.005		0.0026		<0.005			
1/16/2015	0.0064		0.0011 (J)		<0.005				
7/15/2015	0.0051	<0.005	0.0016	0.0032	<0.005	<0.005			
1/16/2016	0.0066	<0.005	<0.005			0.0025			
1/17/2016				0.0029	<0.005				
6/22/2016	0.0117	0.0005 (J)	0.002 (J)	0.0036 (J)	<0.005	0.0037 (J)			
8/31/2016		<0.005	0.002 (J)	0.0027	<0.005	0.0042			
9/1/2016	0.12 (O)								
12/15/2016	0.01								
1/19/2017		<0.005	0.002 (J)			0.0039			
1/24/2017				0.0034					
1/25/2017					<0.005				
2/28/2017	0.0012 (J)								
4/19/2017	0.0016 (J)								
7/17/2017	0.003								
7/18/2017		<0.005				0.0018 (J)			
7/19/2017			0.0017 (J)	0.0028					
7/20/2017					<0.005				
9/20/2017	0.0025					0.0026			
9/21/2017		<0.005	0.0021 (J)	0.0035	<0.005				
1/8/2018	0.0038								
1/9/2018		0.0087	0.0019 (J)	0.003	<0.005	0.0038			
3/27/2018	0.0044	<0.005	<0.005			0.0037			
3/28/2018					0.0019 (J)				
3/29/2018				0.0032					
7/10/2018	0.0045	<0.005	0.0012 (J)	0.0033	0.0029	0.0022 (J)			
10/8/2018	0.0054	<0.005	0.0015 (J)				<0.005	<0.005	
10/9/2018				0.0039	<0.005	0.0047			
1/30/2019	0.0061	0.00088 (J)	0.0014 (J)		<0.005	0.005	<0.005	0.003	
1/31/2019				0.0061					
3/27/2019	0.0044		<0.005						
3/28/2019		<0.005		0.0049	<0.005	0.0037	<0.005	0.0017 (J)	
9/11/2019	0.0076								
9/12/2019		<0.005	0.0032	0.0048	0.0028	<0.005	<0.005	<0.005	
12/17/2019				0.0064					
3/10/2020	0.0041	<0.005	0.0031			<0.005		<0.005	
3/11/2020							<0.005		
3/31/2020				0.005	<0.005				
4/2/2020						0.0031			
9/21/2020	0.0049	<0.005				<0.005	<0.005		
9/22/2020			0.0017 (J)	0.0036	<0.005			<0.005	
3/23/2021	0.0047			0.0048		0.0022	<0.005	<0.005	<0.005
3/24/2021		<0.005	<0.005		<0.005				
8/17/2021	0.0046	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
8/18/2021				0.0064	<0.005				
2/7/2022							<0.005	<0.005	
2/8/2022	0.0051	<0.005	0.003	0.0046		<0.005			<0.005
2/9/2022					<0.005				
8/30/2022	0.0047	<0.005	<0.005	0.005	<0.005	0.0084	<0.005	0.0028	<0.005
8/31/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-5 (bg)	GWC-2	GWC-4A	GWA-3A (bg)	GWA-7A (bg)	GWA-2B (bg)	GWA-1B (bg)
1/31/2023							<0.005	0.0022	<0.005
2/1/2023		0.0016 (J)		0.0037	<0.005	0.0016 (J)			
2/2/2023			0.0023						
3/28/2023									<0.005
3/29/2023									
5/30/2023									<0.005
5/31/2023									
7/26/2023									<0.005
8/28/2023		<0.005					0.0016 (J)		<0.005
8/29/2023				0.0037	<0.005	<0.005		<0.005	
9/6/2023			0.0016 (J)						
1/23/2024		<0.005	<0.005	0.0017 (J)	<0.005	0.0016 (J)	<0.005	0.0015 (J)	<0.005
8/19/2024							<0.005	<0.005	
8/20/2024		<0.005	0.0012 (J)	0.0027	<0.005	<0.005			<0.005
1/27/2025							<0.005		
1/28/2025		<0.005	0.0019 (J)	0.0019 (J)	<0.005	0.0017 (J)		0.003	<0.005
7/29/2025		<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
7/30/2025				<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-1A	GWC-5A
10/5/1999			
11/12/1999			
12/29/1999			
2/17/2000			
9/13/2000			
9/14/2000			
11/10/2000			
1/3/2001			
1/4/2001			
12/10/2001			
12/11/2001			
4/4/2002			
12/6/2002			
12/9/2002			
6/28/2003			
12/13/2003			
5/28/2004			
5/29/2004			
12/11/2004			
12/12/2004			
6/24/2005			
6/25/2005			
12/13/2005			
6/26/2006			
6/27/2006			
12/1/2006			
12/2/2006			
6/21/2007			
6/22/2007			
12/14/2007			
12/15/2007			
6/21/2008			
6/22/2008			
12/6/2008			
12/7/2008			
7/10/2009			
7/11/2009			
12/22/2009			
12/23/2009			
6/23/2010			
6/24/2010			
1/8/2011			
1/9/2011			
7/10/2011			
7/11/2011			
1/19/2012			
1/20/2012			
7/12/2012			
7/13/2012			
1/21/2013			
7/20/2013			
1/17/2014			

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-1A	GWC-5A
7/11/2014			
7/12/2014			
1/15/2015			
1/16/2015			
7/15/2015			
1/16/2016			
1/17/2016			
6/22/2016			
8/31/2016			
9/1/2016			
12/15/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
12/17/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	<0.005		
3/24/2021		<0.005	<0.005
8/17/2021			
8/18/2021	<0.005	<0.005	<0.005
2/7/2022			
2/8/2022			<0.005
2/9/2022	<0.005	<0.005	
8/30/2022		<0.005	
8/31/2022	<0.005		0.0021

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-6A	GWC-1A	GWC-5A
1/31/2023	<0.005	<0.005	<0.005
2/1/2023			
2/2/2023			
3/28/2023			
3/29/2023	0.0014 (J)	0.0016 (J)	<0.005
5/30/2023			
5/31/2023	0.0021	0.0012 (J)	<0.005
7/26/2023	<0.005	<0.005	<0.005
8/28/2023			
8/29/2023	0.0013 (J)	<0.005	<0.005
9/6/2023			
1/23/2024	<0.005	<0.005	<0.005
8/19/2024			
8/20/2024	0.0013 (J)	<0.005	<0.005
1/27/2025			
1/28/2025	0.002	0.0028	<0.005
7/29/2025	<0.005		<0.005
7/30/2025		<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-2	GWC-4A	GWA-5 (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
10/5/1999	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
11/12/1999	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
12/29/1999	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
2/17/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
9/13/2000	<0.005			<0.005	<0.005	<0.005			
9/14/2000		<0.005	<0.005						
11/10/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/3/2001				<0.005		<0.005			
1/4/2001	<0.005	<0.005	<0.005		<0.005				
12/10/2001	<0.005			<0.005		<0.005			
12/11/2001		<0.005	<0.005		<0.005				
4/4/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
12/6/2002	<0.005		<0.005						
12/9/2002		<0.005		0.01 (O)	<0.005	<0.005			
6/28/2003	<0.005	<0.005	<0.005	0.018 (O)	<0.005	<0.005			
12/13/2003	<0.005	<0.005	<0.005	0.01 (O)	<0.005	<0.005			
5/28/2004	<0.005								
5/29/2004		<0.005	<0.005	0.01 (O)	<0.005	<0.005			
12/11/2004	<0.005			0.007	<0.005	<0.005			
12/12/2004		0.0062	<0.005						
6/24/2005	<0.005			0.0072	<0.005	<0.005			
6/25/2005		<0.005	<0.005						
12/13/2005	<0.005	<0.005	<0.005	0.0062	<0.005	<0.005			
6/26/2006		<0.005	<0.005	0.0048					
6/27/2006	0.0032				<0.005	<0.005			
12/1/2006	<0.005			0.0032	<0.005	<0.005			
12/2/2006		<0.005	<0.005						
6/21/2007				0.0037	<0.005	<0.005			
6/22/2007	<0.005	<0.005	<0.005						
12/14/2007		<0.005	<0.005						
12/15/2007	<0.005			<0.005	<0.005	<0.005			
6/21/2008			0.0025			<0.005			
6/22/2008	0.0031	<0.005		0.0025	<0.005				
12/6/2008		<0.005	<0.005	0.0025	<0.005	<0.005			
12/7/2008	<0.005								
7/10/2009					<0.005				
7/11/2009	<0.005	<0.005	<0.005	<0.005		<0.005			
12/22/2009				0.0025					
12/23/2009	<0.005	<0.005	<0.005		<0.005	<0.005			
6/23/2010		<0.005	<0.005	<0.005	<0.005	<0.005			
6/24/2010	<0.005								
1/8/2011		<0.005	<0.005	0.0026	<0.005	<0.005			
1/9/2011	0.0031								
7/10/2011		<0.005	<0.005	<0.005	<0.005	<0.005			
7/11/2011	<0.005								
1/19/2012					<0.005	<0.005			
1/20/2012	<0.005	<0.005	<0.005	<0.005					
7/12/2012		<0.005	<0.005	0.002	<0.005	<0.005			
7/13/2012	0.0015								
1/21/2013	0.0035	<0.005	<0.005	0.0014	<0.005	<0.005			
7/20/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/17/2014	0.0027	<0.005	0.0008 (J)	0.0019	0.001 (J)	0.00071 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 4:11 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-2	GWC-4A	GWA-5 (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
7/11/2014			0.00076 (J)						
7/12/2014	0.00075 (J)	0.00071 (J)		0.0026	0.00088 (J)	0.00075 (J)			
1/15/2015		0.00096 (J)			0.00086 (J)	0.00084 (J)			
1/16/2015	<0.005		0.00071 (J)	0.0021					
7/15/2015	<0.005	0.0006 (J)	0.00064 (J)	0.0023	0.00087 (J)	0.00083 (J)			
1/16/2016	0.00059 (J)			0.002	0.0011 (J)	0.00092 (J)			
1/17/2016		0.00069 (J)	0.00066 (J)						
6/22/2016	0.0012 (J)	0.0011 (J)	0.0009 (J)	0.0007 (J)	0.0009 (J)	0.0005 (J)			
8/31/2016		0.0006 (J)	0.0006 (J)	0.001 (J)	0.00095 (J)	0.00055 (J)			
9/1/2016	0.023 (O)								
12/15/2016	0.0011 (J)								
1/19/2017				0.00046 (J)	0.00087 (J)	0.00041 (J)			
1/24/2017		0.00067 (J)							
1/25/2017			0.00047 (J)						
2/28/2017	0.00048 (J)								
4/19/2017	<0.005								
7/17/2017	<0.005								
7/18/2017					0.001 (J)	0.0007 (J)			
7/19/2017		0.00079 (J)		0.00069 (J)					
7/20/2017			<0.005						
9/20/2017	<0.005				0.0011 (J)				
9/21/2017		0.00077 (J)	<0.005	0.00073 (J)		0.00073 (J)			
1/8/2018	<0.005								
1/9/2018		0.00092 (J)	0.00048 (J)	0.0014 (J)	0.0011 (J)	0.0012 (J)			
3/27/2018	<0.005			0.0019 (J)	0.0011 (J)	0.00081 (J)			
3/28/2018			0.00048 (J)						
3/29/2018		0.0008 (J)							
7/10/2018	<0.005	0.00097 (J)	0.00084 (J)	0.0015 (J)	0.0012 (J)	0.00086 (J)			
10/8/2018	<0.005			0.0013 (J)		0.00092 (J)	0.0055	0.0051	
10/9/2018		0.00094 (J)	0.00042 (J)		0.0014 (J)				
1/30/2019	0.00038 (J)		0.00038 (J)	0.00076 (J)	0.0014 (J)	0.00092 (J)	0.0047	0.0044	
1/31/2019		0.00092 (J)							
3/27/2019	<0.005			0.0012 (J)					
3/28/2019		0.00072 (J)	<0.005		0.0014 (J)	0.00089 (J)	0.0045	0.0046	
9/11/2019	0.00032 (J)								
9/12/2019		0.0009	0.00044 (J)	0.00074	0.0015	0.00091	0.0043	0.0023	
3/10/2020	0.00028 (J)			0.00099	0.0019	0.0009		0.003	
3/11/2020							0.0056		
3/31/2020		0.00061 (J)	0.00033 (J)						
4/2/2020					0.0017 (J)				
9/21/2020	0.0003 (J)				0.0016 (J)	0.00059 (J)	0.0025		
9/22/2020		0.00092 (J)	0.00042 (J)	0.00064 (J)				<0.005	
3/23/2021	0.00028 (J)	0.00069 (J)			0.0017 (J)		0.003	0.00096 (J)	0.0034
3/24/2021			0.00037 (J)	0.00077 (J)		0.00069 (J)			
8/17/2021	0.00032 (J)			0.00085 (J)	0.002 (J)	0.00096 (J)	0.0026	0.00016 (J)	
8/18/2021		0.0011 (J)	0.00034 (J)						0.0016 (J)
2/7/2022							0.0024 (J)	0.00073 (J)	
2/8/2022	0.00029 (J)	0.0013 (J)		0.001 (J)	0.0019 (J)	0.00096 (J)			
2/9/2022			0.00042 (J)						0.0012 (J)
8/30/2022	0.00031 (J)	0.0012 (J)	0.00048 (J)	0.0016 (J)	0.0023 (J)	0.00097 (J)	0.0024 (J)	0.004	
8/31/2022									0.0012 (J)
1/31/2023							0.0023 (J)	0.0041	0.0011 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-2	GWC-4A	GWA-5 (bg)	GWA-3A (bg)	GWA-4 (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
2/1/2023		0.0013 (J)	0.00047 (J)		0.0027	0.0012 (J)			
2/2/2023				0.0017 (J)					
3/28/2023									
3/29/2023									0.001 (J)
5/30/2023									
5/31/2023									0.0011 (J)
7/26/2023									0.0011 (J)
8/28/2023						0.001 (J)	0.0019 (J)		
8/29/2023		0.0014 (J)	0.00045 (J)		0.0026			0.0029	0.00099 (J)
9/6/2023				0.0017 (J)					
1/23/2024		0.0014 (J)	0.0004 (J)	0.0018 (J)	0.003	0.001 (J)	0.0018 (J)	0.0033	0.00095 (J)
8/19/2024							0.0018 (J)	0.0032	
8/20/2024		0.0015 (J)	0.00048 (J)	0.0012 (J)	0.0029	0.0012 (J)			0.001 (J)
1/27/2025							0.0017 (J)		
1/28/2025		0.0017 (J)	0.00061 (J)	0.0015 (J)	0.0031	0.0011 (J)		0.0035	0.00095 (J)
7/29/2025				0.0011 (J)	0.0032 (J)	0.00053 (J)	0.0019 (J)	0.0043 (J)	0.00094 (J)
7/30/2025		0.0014 (J)	0.00041 (J)						

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
10/5/1999			
11/12/1999			
12/29/1999			
2/17/2000			
9/13/2000			
9/14/2000			
11/10/2000			
1/3/2001			
1/4/2001			
12/10/2001			
12/11/2001			
4/4/2002			
12/6/2002			
12/9/2002			
6/28/2003			
12/13/2003			
5/28/2004			
5/29/2004			
12/11/2004			
12/12/2004			
6/24/2005			
6/25/2005			
12/13/2005			
6/26/2006			
6/27/2006			
12/1/2006			
12/2/2006			
6/21/2007			
6/22/2007			
12/14/2007			
12/15/2007			
6/21/2008			
6/22/2008			
12/6/2008			
12/7/2008			
7/10/2009			
7/11/2009			
12/22/2009			
12/23/2009			
6/23/2010			
6/24/2010			
1/8/2011			
1/9/2011			
7/10/2011			
7/11/2011			
1/19/2012			
1/20/2012			
7/12/2012			
7/13/2012			
1/21/2013			
7/20/2013			
1/17/2014			

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
7/11/2014			
7/12/2014			
1/15/2015			
1/16/2015			
7/15/2015			
1/16/2016			
1/17/2016			
6/22/2016			
8/31/2016			
9/1/2016			
12/15/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
4/19/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
9/20/2017			
9/21/2017			
1/8/2018			
1/9/2018			
3/27/2018			
3/28/2018			
3/29/2018			
7/10/2018			
10/8/2018			
10/9/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	0.00019 (J)		
3/24/2021		0.0023 (J)	0.0063
8/17/2021	0.00025 (J)		
8/18/2021		0.0021 (J)	0.0053
2/7/2022			
2/8/2022	0.00032 (J)	0.002 (J)	
2/9/2022			0.0044
8/30/2022	0.00029 (J)		0.0044
8/31/2022		0.0018 (J)	
1/31/2023	0.00028 (J)	0.0021 (J)	0.0046

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
2/1/2023			
2/2/2023			
3/28/2023	0.00032 (J)		
3/29/2023		0.0021 (J)	0.0051
5/30/2023	0.00028 (J)		
5/31/2023		0.0021 (J)	0.005
7/26/2023	<0.005	0.0026	0.0054
8/28/2023	<0.005		
8/29/2023		0.0023 (J)	0.0047
9/6/2023			
1/23/2024	<0.005	0.0027	0.0042
8/19/2024			
8/20/2024	0.00028 (J)	0.0037	0.0048
1/27/2025			
1/28/2025	0.00029 (J)	0.0036	0.0047
7/29/2025	<0.005	0.0033 (J)	
7/30/2025			0.0045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-3A (bg)	GWC-4A	GWA-4 (bg)	GWC-2	GWA-5 (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
10/5/1999	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
11/12/1999	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
12/29/1999	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
2/17/2000	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
9/13/2000	<0.002	<0.002		<0.002		<0.002			
9/14/2000			<0.002		<0.002				
11/10/2000	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
1/3/2001				<0.002		<0.002			
1/4/2001	<0.002	<0.002	<0.002		<0.002				
12/10/2001	<0.002			<0.002		<0.002			
12/11/2001		<0.002	<0.002		<0.002				
4/4/2002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
12/6/2002	<0.002		<0.002						
12/9/2002		<0.002		<0.002	<0.002	0.0089 (O)			
6/28/2003	<0.002	<0.002	<0.002	<0.002	<0.002	0.019 (O)			
12/13/2003	<0.002	<0.002	<0.002	<0.002	<0.002	0.0067 (O)			
5/28/2004	0.0052								
5/29/2004		<0.002	<0.002	<0.002	<0.002	0.0057 (O)			
12/11/2004	<0.002	<0.002		<0.002		0.0027			
12/12/2004			<0.002		0.11 (O)				
6/24/2005	<0.002	<0.002		<0.002		0.0038			
6/25/2005			<0.002		<0.002				
12/13/2005	<0.002	<0.002	<0.002	<0.002	<0.002	0.0025			
6/26/2006			<0.002		<0.002	0.0033			
6/27/2006	0.0055	<0.002		<0.002					
12/1/2006	<0.002	<0.002		<0.002		<0.002			
12/2/2006			<0.002		<0.002				
6/21/2007		<0.002		<0.002		0.0035			
6/22/2007	0.0032		<0.002		<0.002				
12/14/2007			<0.002		<0.002				
12/15/2007	<0.002	<0.002		<0.002		<0.002			
6/21/2008			<0.002	<0.002					
6/22/2008	<0.002	<0.002			<0.002	<0.002			
12/6/2008		<0.002	<0.002	<0.002	<0.002	<0.002			
12/7/2008	<0.002								
7/10/2009		<0.002							
7/11/2009	<0.002		<0.002	<0.002	<0.002	<0.002			
12/22/2009						0.0025			
12/23/2009	0.0025	<0.002	<0.002	<0.002	<0.002				
6/23/2010		<0.002	<0.002	<0.002	<0.002	<0.002			
6/24/2010	<0.002								
1/8/2011		<0.002	<0.002	<0.002	<0.002	<0.002			
1/9/2011	0.004								
7/10/2011		<0.002	<0.002	<0.002	<0.002	<0.002			
7/11/2011	<0.002								
1/19/2012		<0.002		<0.002					
1/20/2012	<0.002		<0.002		<0.002	<0.002			
7/12/2012		<0.002	<0.002	<0.002	<0.002	<0.002			
7/13/2012	<0.002								
1/21/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
7/20/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
1/17/2014	0.0031 (J)	<0.002	<0.002	0.00092 (J)	0.0065 (O)	0.00092 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-3A (bg)	GWC-4A	GWA-4 (bg)	GWC-2	GWA-5 (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
7/11/2014			0.00086 (J)						
7/12/2014	0.00098 (J)	<0.002		<0.002	<0.002	<0.002			
1/15/2015		<0.002		<0.002	<0.002				
1/16/2015	<0.002		<0.002			<0.002			
7/15/2015	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
1/16/2016	<0.002	<0.002		<0.002		<0.002			
1/17/2016			<0.002		<0.002				
6/22/2016	0.0012 (J)	0.0005 (J)	<0.002	<0.002	0.0005 (J)	0.001 (J)			
1/19/2017		<0.002		<0.002		<0.002			
1/24/2017					<0.002				
1/25/2017			<0.002						
2/28/2017	<0.002								
7/17/2017	<0.002								
7/18/2017		<0.002		<0.002					
7/19/2017					<0.002	<0.002			
7/20/2017			<0.002						
1/8/2018	<0.002								
1/9/2018		<0.002	<0.002	0.0025	<0.002	<0.002			
7/9/2018	<0.002								
7/10/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
1/30/2019	<0.002	<0.002	<0.002	<0.002		<0.002	0.0035	0.0018 (J)	
1/31/2019					<0.002				
3/27/2019	<0.002					<0.002			
3/28/2019		<0.002	<0.002	<0.002	<0.002		0.0031	<0.002	
9/11/2019	<0.002								
9/12/2019		0.0024	<0.002	0.0022	0.002	0.0011 (J)	0.0038	0.0041	
3/10/2020	<0.002	0.00082 (J)		<0.002		0.0019 (J)	0.0021		
3/11/2020								0.0032	
3/31/2020			<0.002		<0.002				
4/2/2020		0.0019 (J)							
9/21/2020	<0.002	<0.002		<0.002				0.0018 (J)	
9/22/2020			<0.002		<0.002	0.0013 (J)	0.00096 (J)		
3/23/2021	<0.002	<0.002			<0.002		0.0011 (J)	0.0027	0.0015 (J)
3/24/2021			<0.002	<0.002		0.00077 (J)			
8/17/2021	<0.002	<0.002		<0.002		<0.002	0.0043	0.0025	<0.002
8/18/2021			<0.002		<0.002				
2/7/2022							0.0012 (J)	0.008	
2/8/2022	<0.002	0.0011 (J)		<0.002	0.0019 (J)	<0.002			<0.002
2/9/2022			<0.002						
8/30/2022	<0.002	0.0029	<0.002	0.0012 (J)	<0.002	0.0011 (J)	0.0013 (J)	0.0028	<0.002
1/31/2023							<0.002	<0.002	<0.002
2/1/2023		<0.002	<0.002	<0.002	<0.002				
2/2/2023						0.0018 (J)			
3/28/2023									<0.002
3/29/2023									
5/30/2023									<0.002
5/31/2023									
7/26/2023									<0.002
8/28/2023				<0.002				0.0016 (J)	<0.002
8/29/2023		0.0057	<0.002		<0.002		<0.002		
9/6/2023						<0.002			
1/23/2024		0.0012 (J)	<0.002	<0.002	<0.002	<0.002	<0.002	0.0011 (J)	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-3A (bg)	GWC-4A	GWA-4 (bg)	GWC-2	GWA-5 (bg)	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
8/19/2024							<0.002	0.0015 (J)	
8/20/2024		0.003	<0.002	<0.002	<0.002	<0.002			<0.002
1/27/2025								<0.002	
1/28/2025		0.0018 (J)	<0.002	<0.002	<0.002	0.0011 (J)	<0.002		<0.002
7/29/2025		0.0019 (J)		<0.002		0.0011 (J)	0.00094 (J)	0.0013 (J)	<0.002
7/30/2025			<0.002		<0.002				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A
10/5/1999	
11/12/1999	
12/29/1999	
2/17/2000	
9/13/2000	
9/14/2000	
11/10/2000	
1/3/2001	
1/4/2001	
12/10/2001	
12/11/2001	
4/4/2002	
12/6/2002	
12/9/2002	
6/28/2003	
12/13/2003	
5/28/2004	
5/29/2004	
12/11/2004	
12/12/2004	
6/24/2005	
6/25/2005	
12/13/2005	
6/26/2006	
6/27/2006	
12/1/2006	
12/2/2006	
6/21/2007	
6/22/2007	
12/14/2007	
12/15/2007	
6/21/2008	
6/22/2008	
12/6/2008	
12/7/2008	
7/10/2009	
7/11/2009	
12/22/2009	
12/23/2009	
6/23/2010	
6/24/2010	
1/8/2011	
1/9/2011	
7/10/2011	
7/11/2011	
1/19/2012	
1/20/2012	
7/12/2012	
7/13/2012	
1/21/2013	
7/20/2013	
1/17/2014	

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A
7/11/2014	
7/12/2014	
1/15/2015	
1/16/2015	
7/15/2015	
1/16/2016	
1/17/2016	
6/22/2016	
1/19/2017	
1/24/2017	
1/25/2017	
2/28/2017	
7/17/2017	
7/18/2017	
7/19/2017	
7/20/2017	
1/8/2018	
1/9/2018	
7/9/2018	
7/10/2018	
1/30/2019	
1/31/2019	
3/27/2019	
3/28/2019	
9/11/2019	
9/12/2019	
3/10/2020	
3/11/2020	
3/31/2020	
4/2/2020	
9/21/2020	
9/22/2020	
3/23/2021	
3/24/2021	0.001 (J)
8/17/2021	
8/18/2021	0.00085 (J)
2/7/2022	
2/8/2022	
2/9/2022	<0.002
8/30/2022	0.0019 (J)
1/31/2023	<0.002
2/1/2023	
2/2/2023	
3/28/2023	
3/29/2023	0.0011 (J)
5/30/2023	
5/31/2023	0.0012 (J)
7/26/2023	<0.002
8/28/2023	
8/29/2023	<0.002
9/6/2023	
1/23/2024	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A
8/19/2024	
8/20/2024	<0.002
1/27/2025	
1/28/2025	<0.002
7/29/2025	
7/30/2025	0.00084 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWC-2	GWA-7A (bg)	GWA-2B (bg)	GWC-6A	GWA-1B (bg)
10/5/1999	0.0077	<0.001	<0.001	<0.001	0.0054 (O)				
11/12/1999	0.0063 (O)	<0.001	<0.001	<0.001	<0.001				
12/29/1999	0.016	<0.001	<0.001	<0.001	<0.001				
2/17/2000	0.011	<0.001	<0.001	<0.001	<0.001				
9/13/2000	<0.001	<0.001	<0.001	<0.001					
9/14/2000					<0.001				
11/10/2000	<0.001	<0.001	<0.001	<0.001	<0.001				
1/3/2001		<0.001		<0.001					
1/4/2001	<0.001		<0.001		<0.001				
12/10/2001	<0.001	<0.001		<0.001					
12/11/2001			<0.001		<0.001				
4/4/2002	<0.001	<0.001	<0.001	<0.001	<0.001				
12/6/2002	<0.001								
12/9/2002		<0.001	<0.001	0.011	<0.001				
6/28/2003	<0.001	<0.001	<0.001	<0.001	<0.001				
12/13/2003	<0.001	<0.001	<0.001	<0.001	<0.001				
5/28/2004	0.015								
5/29/2004		<0.001	<0.001	<0.001	<0.001				
12/11/2004	0.01	<0.001	<0.001	<0.001					
12/12/2004					<0.001				
6/24/2005	<0.001	<0.001	<0.001	<0.001					
6/25/2005					<0.001				
12/13/2005	<0.001	<0.001	<0.001	<0.001	<0.001				
6/26/2006				<0.001	<0.001				
6/27/2006	0.013	<0.001	<0.001						
12/1/2006	<0.001	<0.001	<0.001	<0.001					
12/2/2006					<0.001				
6/21/2007		<0.001	<0.001	<0.001					
6/22/2007	<0.001				<0.001				
12/14/2007					<0.001				
12/15/2007	<0.001	<0.001	<0.001	<0.001					
6/21/2008		<0.001							
6/22/2008	<0.001		<0.001	<0.001	<0.001				
12/6/2008		<0.001	<0.001	<0.001	<0.001				
12/7/2008	<0.001								
7/10/2009			<0.001						
7/11/2009	<0.001	<0.001		<0.001	<0.001				
12/22/2009				<0.001					
12/23/2009	<0.001	<0.001	<0.001		<0.001				
6/23/2010		<0.001	<0.001	<0.001	<0.001				
6/24/2010	<0.001								
1/8/2011		<0.001	<0.001	<0.001	<0.001				
1/9/2011	<0.001								
7/10/2011		<0.001	<0.001	<0.001	<0.001				
7/11/2011	<0.001								
1/19/2012		<0.001	<0.001						
1/20/2012	<0.001			<0.001	<0.001				
7/12/2012		<0.001	<0.001	<0.001	<0.001				
7/13/2012	<0.001								
1/21/2013	<0.001	<0.001	<0.001	<0.001	<0.001				
7/20/2013	<0.001	<0.001	<0.001	<0.001	<0.001				
1/17/2014	0.0086 (J)	<0.001	<0.001	<0.001	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWC-2	GWA-7A (bg)	GWA-2B (bg)	GWC-6A	GWA-1B (bg)
7/12/2014	<0.001	<0.001	<0.001	<0.001	<0.001				
1/15/2015		<0.001	<0.001		<0.001				
1/16/2015	<0.001			<0.001					
7/15/2015	<0.001	<0.001	<0.001	<0.001	<0.001				
1/16/2016	<0.001	<0.001	<0.001	<0.001					
1/17/2016					<0.001				
6/22/2016	0.0022 (J)	0.0003 (J)	0.0004 (J)	0.001 (J)	0.0001 (J)				
8/31/2016		<0.001	<0.001	0.00099 (J)	<0.001				
9/1/2016	0.082 (O)								
12/15/2016	0.0027								
1/19/2017		<0.001	<0.001	0.001 (J)					
1/24/2017					<0.001				
2/28/2017	<0.001								
4/19/2017	<0.001								
7/17/2017	<0.001								
7/18/2017		<0.001	<0.001						
7/19/2017				0.00081 (J)	<0.001				
9/20/2017	0.00035 (J)		<0.001						
9/21/2017		0.0076		0.00086 (J)	0.0014 (O)				
1/8/2018	<0.001								
1/9/2018		0.0023	<0.001	0.00059 (J)	<0.001				
3/27/2018	<0.001	<0.001	<0.001	<0.001					
3/29/2018					<0.001				
7/10/2018	<0.001	<0.001	<0.001	0.00045 (J)	<0.001				
10/8/2018	<0.001	<0.001		0.00037 (J)		<0.001	<0.001		
10/9/2018			0.00039 (J)		<0.001				
1/30/2019	0.00021 (J)	0.00013 (J)	0.00034 (J)	0.00064 (J)		<0.001	0.00028 (J)		
1/31/2019					0.00015 (J)				
3/27/2019	<0.001			0.0012 (J)					
3/28/2019		<0.001	0.00038 (J)		<0.001	<0.001	<0.001		
9/11/2019	<0.001								
9/12/2019		<0.001	<0.001	0.00082 (J)	<0.001	<0.001	<0.001		
3/10/2020	0.00015 (J)	0.00031 (J)	0.00013 (J)	0.0022			<0.001		
3/11/2020						<0.001			
3/31/2020					<0.001				
4/2/2020			0.00062 (J)						
9/21/2020	<0.001	0.00025 (J)	<0.001			<0.001			
9/22/2020				0.0012	<0.001		<0.001		
3/23/2021	0.00017 (J)		0.00029 (J)		<0.001	<0.001	<0.001	<0.001	<0.001
3/24/2021		0.00021 (J)		0.00066 (J)					
8/17/2021	<0.001	<0.001	0.00015 (J)	0.00044 (J)		<0.001	0.00073 (J)		<0.001
8/18/2021					<0.001			<0.001	
2/7/2022						<0.001	<0.001		
2/8/2022	<0.001	<0.001	<0.001	0.00058 (J)	<0.001				<0.001
2/9/2022								<0.001	
8/30/2022	<0.001	<0.001	<0.001	0.00064 (J)	<0.001	<0.001	<0.001		<0.001
8/31/2022								<0.001	
1/31/2023						<0.001	<0.001	<0.001	<0.001
2/1/2023		<0.001	0.00027 (J)		<0.001				
2/2/2023				0.0013					
3/28/2023									<0.001
3/29/2023								<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWC-2	GWA-7A (bg)	GWA-2B (bg)	GWC-6A	GWA-1B (bg)
5/30/2023									0.00043 (J)
5/31/2023								0.00038 (J)	
7/26/2023								<0.001	<0.001
8/28/2023		<0.001				<0.001			<0.001
8/29/2023			<0.001		<0.001		<0.001	0.00038 (J)	
9/6/2023				0.0007 (J)					
1/23/2024		<0.001	0.00031 (J)	0.0011	<0.001	0.00056 (J)	<0.001	0.00023 (J)	<0.001
8/19/2024						<0.001	<0.001		
8/20/2024		<0.001	0.0003 (J)	0.00046 (J)	<0.001			<0.001	<0.001
1/27/2025						<0.001			
1/28/2025		<0.001	0.00031 (J)	0.0006 (J)	<0.001		<0.001	<0.001	<0.001
7/29/2025		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
7/30/2025					<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-5A	GWC-1A
10/5/1999		
11/12/1999		
12/29/1999		
2/17/2000		
9/13/2000		
9/14/2000		
11/10/2000		
1/3/2001		
1/4/2001		
12/10/2001		
12/11/2001		
4/4/2002		
12/6/2002		
12/9/2002		
6/28/2003		
12/13/2003		
5/28/2004		
5/29/2004		
12/11/2004		
12/12/2004		
6/24/2005		
6/25/2005		
12/13/2005		
6/26/2006		
6/27/2006		
12/1/2006		
12/2/2006		
6/21/2007		
6/22/2007		
12/14/2007		
12/15/2007		
6/21/2008		
6/22/2008		
12/6/2008		
12/7/2008		
7/10/2009		
7/11/2009		
12/22/2009		
12/23/2009		
6/23/2010		
6/24/2010		
1/8/2011		
1/9/2011		
7/10/2011		
7/11/2011		
1/19/2012		
1/20/2012		
7/12/2012		
7/13/2012		
1/21/2013		
7/20/2013		
1/17/2014		

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-5A	GWC-1A
7/12/2014		
1/15/2015		
1/16/2015		
7/15/2015		
1/16/2016		
1/17/2016		
6/22/2016		
8/31/2016		
9/1/2016		
12/15/2016		
1/19/2017		
1/24/2017		
2/28/2017		
4/19/2017		
7/17/2017		
7/18/2017		
7/19/2017		
9/20/2017		
9/21/2017		
1/8/2018		
1/9/2018		
3/27/2018		
3/29/2018		
7/10/2018		
10/8/2018		
10/9/2018		
1/30/2019		
1/31/2019		
3/27/2019		
3/28/2019		
9/11/2019		
9/12/2019		
3/10/2020		
3/11/2020		
3/31/2020		
4/2/2020		
9/21/2020		
9/22/2020		
3/23/2021		
3/24/2021	0.0003 (J)	<0.001
8/17/2021		
8/18/2021	0.00021 (J)	<0.001
2/7/2022		
2/8/2022	0.00061 (J)	
2/9/2022		<0.001
8/30/2022		<0.001
8/31/2022	0.00027 (J)	
1/31/2023	<0.001	<0.001
2/1/2023		
2/2/2023		
3/28/2023		
3/29/2023	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-5A	GWC-1A
5/30/2023		
5/31/2023	0.00061 (J)	0.00048 (J)
7/26/2023	<0.001	<0.001
8/28/2023		
8/29/2023	<0.001	<0.001
9/6/2023		
1/23/2024	0.0003 (J)	<0.001
8/19/2024		
8/20/2024	0.00024 (J)	<0.001
1/27/2025		
1/28/2025	<0.001	<0.001
7/29/2025	<0.001	
7/30/2025		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-4A	GWA-5 (bg)	GWA-4 (bg)	GWA-3A (bg)	GWC-2	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
10/5/1999	0.02	<0.005	<0.005	<0.005	<0.005	0.015 (O)			
11/12/1999	0.027	<0.005	<0.005	<0.005	<0.005	<0.005			
12/29/1999	0.055 (O)	<0.005	<0.005	<0.005	<0.005	<0.005			
2/17/2000	0.042 (O)	<0.005	<0.005	<0.005	<0.005	0.01			
9/13/2000	<0.005		<0.005	<0.005	<0.005				
9/14/2000		<0.005				<0.005			
11/10/2000	0.014	<0.005	<0.005	<0.005	<0.005	<0.005			
1/3/2001			<0.005	<0.005					
1/4/2001	<0.005	<0.005			<0.005	<0.005			
12/10/2001	<0.005		<0.005	<0.005					
12/11/2001		<0.005			<0.005	<0.005			
4/4/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
12/6/2002	<0.005	<0.005							
12/9/2002			0.03	<0.005	<0.005	<0.005			
6/28/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
12/13/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/28/2004	0.017								
5/29/2004		<0.005	<0.005	<0.005	<0.005	<0.005			
12/11/2004	0.0082		<0.005	<0.005	<0.005				
12/12/2004		<0.005				<0.005			
6/24/2005	<0.005		<0.005	<0.005	<0.005				
6/25/2005		<0.005				<0.005			
12/13/2005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
6/26/2006		<0.005	<0.005			<0.005			
6/27/2006	0.023			<0.005	<0.005				
12/1/2006	0.0081		<0.005	<0.005	<0.005				
12/2/2006		<0.005				<0.005			
6/21/2007			<0.005	<0.005	0.0038				
6/22/2007	0.009	<0.005				<0.005			
12/14/2007		<0.005				<0.005			
12/15/2007	0.0056		<0.005	<0.005	<0.005				
6/21/2008		<0.005		<0.005					
6/22/2008	0.013		0.0026		<0.005	<0.005			
12/6/2008		<0.005	<0.005	<0.005	<0.005	<0.005			
12/7/2008	0.0027								
7/10/2009					<0.005				
7/11/2009	0.0032	<0.005	<0.005	<0.005		<0.005			
12/22/2009			<0.005						
12/23/2009	0.0093	<0.005		<0.005	<0.005	<0.005			
6/23/2010		<0.005	<0.005	<0.005	<0.005	<0.005			
6/24/2010	0.0033								
1/8/2011		<0.005	<0.005	<0.005	<0.005	<0.005			
1/9/2011	<0.005								
7/10/2011		<0.005	<0.005	<0.005	<0.005	<0.005			
7/11/2011	<0.005								
1/19/2012				<0.005	<0.005				
1/20/2012	<0.005	<0.005	<0.005			<0.005			
7/12/2012		<0.005	<0.005	<0.005	<0.005	<0.005			
7/13/2012	0.011								
1/21/2013	0.028	<0.005	<0.005	<0.005	<0.005	<0.005			
7/20/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/17/2014	0.019	<0.005	<0.005	<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-4A	GWA-5 (bg)	GWA-4 (bg)	GWA-3A (bg)	GWC-2	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
7/11/2014		<0.005							
7/12/2014	0.0025 (J)		<0.005	<0.005	<0.005	<0.005			
1/15/2015				<0.005	<0.005	<0.005			
1/16/2015	0.0012 (J)	<0.005	0.0011 (J)						
7/15/2015	<0.005	<0.005	0.0016 (J)	<0.005	<0.005	<0.005			
1/16/2016	0.0015 (J)		<0.005	0.00082 (J)	0.0011 (J)				
1/17/2016		<0.005				<0.005			
6/22/2016	0.0062 (J)	<0.005	0.0018 (J)	<0.005	<0.005	0.0019 (J)			
1/19/2017			0.0033	0.0025	<0.005				
1/24/2017						0.0062			
1/25/2017		<0.005							
2/28/2017	0.0019 (J)								
7/17/2017	<0.005								
7/18/2017				<0.005	<0.005				
7/19/2017			0.0045			0.0015 (J)			
7/20/2017		<0.005							
1/8/2018	<0.005								
1/9/2018		<0.005	0.0027	0.0072	<0.005	<0.005			
7/10/2018	0.0036	0.0022 (J)	0.005	0.0016 (J)	<0.005	0.0018 (J)			
1/30/2019	0.0017 (J)	<0.005	0.0019 (J)	<0.005	0.0016 (J)		0.0018 (J)	<0.005	
1/31/2019						0.001 (J)			
3/27/2019	0.0029		0.0082						
3/28/2019		<0.005		<0.005	0.0076	0.0059	<0.005	0.0053	
9/11/2019	0.0014								
9/12/2019		0.0021	0.004	0.0017	0.002	0.0018	0.0021	0.002	
3/10/2020	<0.005		0.01	<0.005	<0.005		<0.005		
3/11/2020								<0.005	
3/31/2020		<0.005				<0.005			
4/2/2020					0.0013				
9/21/2020	<0.005			0.0012	<0.005			<0.005	
9/22/2020		<0.005	0.0056			<0.005	<0.005		
3/23/2021	<0.005				<0.005	<0.005	<0.005	<0.005	<0.005
3/24/2021		<0.005	0.0018	<0.005					
8/17/2021	<0.005		0.0018	<0.005	<0.005		<0.005	<0.005	<0.005
8/18/2021		<0.005				<0.005			
2/7/2022							<0.005	0.0011	
2/8/2022	<0.005		0.0023	<0.005	<0.005	<0.005			<0.005
2/9/2022		<0.005							
8/30/2022	0.0019	<0.005	0.0028	<0.005	<0.005	<0.005	0.0016	0.0016	0.0019
1/31/2023							<0.005	<0.005	<0.005
2/1/2023		<0.005		<0.005	<0.005	<0.005			
2/2/2023			0.0041						
3/28/2023									<0.005
3/29/2023									
5/30/2023									<0.005
5/31/2023									
7/26/2023									<0.005
8/28/2023				<0.005				<0.005	<0.005
8/29/2023		<0.005			<0.005	<0.005	<0.005		
9/6/2023			0.0015 (J)						
1/23/2024		<0.005	0.0011 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/19/2024							<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-4A	GWA-5 (bg)	GWA-4 (bg)	GWA-3A (bg)	GWC-2	GWA-2B (bg)	GWA-7A (bg)	GWA-1B (bg)
8/20/2024		<0.005	0.0012 (J)	<0.005	0.00095 (J)	<0.005			<0.005
1/27/2025								<0.005	
1/28/2025		<0.005	0.001 (J)	<0.005	<0.005	<0.005	<0.005		<0.005
7/29/2025			<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
7/30/2025		<0.005				<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A
10/5/1999	
11/12/1999	
12/29/1999	
2/17/2000	
9/13/2000	
9/14/2000	
11/10/2000	
1/3/2001	
1/4/2001	
12/10/2001	
12/11/2001	
4/4/2002	
12/6/2002	
12/9/2002	
6/28/2003	
12/13/2003	
5/28/2004	
5/29/2004	
12/11/2004	
12/12/2004	
6/24/2005	
6/25/2005	
12/13/2005	
6/26/2006	
6/27/2006	
12/1/2006	
12/2/2006	
6/21/2007	
6/22/2007	
12/14/2007	
12/15/2007	
6/21/2008	
6/22/2008	
12/6/2008	
12/7/2008	
7/10/2009	
7/11/2009	
12/22/2009	
12/23/2009	
6/23/2010	
6/24/2010	
1/8/2011	
1/9/2011	
7/10/2011	
7/11/2011	
1/19/2012	
1/20/2012	
7/12/2012	
7/13/2012	
1/21/2013	
7/20/2013	
1/17/2014	

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A
7/11/2014	
7/12/2014	
1/15/2015	
1/16/2015	
7/15/2015	
1/16/2016	
1/17/2016	
6/22/2016	
1/19/2017	
1/24/2017	
1/25/2017	
2/28/2017	
7/17/2017	
7/18/2017	
7/19/2017	
7/20/2017	
1/8/2018	
1/9/2018	
7/10/2018	
1/30/2019	
1/31/2019	
3/27/2019	
3/28/2019	
9/11/2019	
9/12/2019	
3/10/2020	
3/11/2020	
3/31/2020	
4/2/2020	
9/21/2020	
9/22/2020	
3/23/2021	
3/24/2021	<0.005
8/17/2021	
8/18/2021	<0.005
2/7/2022	
2/8/2022	
2/9/2022	<0.005
8/30/2022	0.00087 (J)
1/31/2023	<0.005
2/1/2023	
2/2/2023	
3/28/2023	
3/29/2023	<0.005
5/30/2023	
5/31/2023	<0.005
7/26/2023	<0.005
8/28/2023	
8/29/2023	<0.005
9/6/2023	
1/23/2024	<0.005
8/19/2024	

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWC-1A
8/20/2024	<0.005
1/27/2025	
1/28/2025	<0.005
7/29/2025	
7/30/2025	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
10/5/1999	0.043	<0.01	0.028	0.039	0.023	<0.01			
11/12/1999	0.035	<0.01	<0.01	0.025	<0.01	<0.01			
12/29/1999	0.058	<0.01	0.022	0.023	<0.01	<0.01			
2/17/2000	0.051	<0.01	0.021	<0.01	<0.01	<0.01			
9/13/2000	<0.01			0.035	<0.01	0.021			
9/14/2000		0.036 (O)	<0.01						
11/10/2000	<0.01	<0.01	<0.01	0.023	<0.01	<0.01			
1/3/2001				0.027		<0.01			
1/4/2001	<0.01	<0.01	<0.01		<0.01				
12/10/2001	<0.01			0.036		<0.01			
12/11/2001		<0.01	<0.01		<0.01				
4/4/2002	0.02	<0.01	0.069 (O)	0.038	<0.01	<0.01			
12/6/2002	<0.01	0.012							
12/9/2002			0.012	0.033	<0.01	0.06			
6/28/2003	<0.01	<0.01	0.011	0.018	<0.01	0.19 (O)			
12/13/2003	<0.01	<0.01	<0.01	0.013	<0.01	0.067			
5/28/2004	0.034								
5/29/2004		<0.01	<0.01	<0.01	<0.01	0.068			
12/11/2004	0.021			<0.01	<0.01	0.039			
12/12/2004		<0.01	0.027						
6/24/2005	<0.01			<0.01	<0.01	0.033			
6/25/2005		<0.01	<0.01						
12/13/2005	0.013	<0.01	0.011	0.011	<0.01	0.039			
6/26/2006		<0.01	0.0064			0.022			
6/27/2006	0.074			0.0055	0.0047				
12/1/2006	0.048			0.0052	0.065	0.018			
12/2/2006		0.098 (O)	0.0077						
6/21/2007				0.0062	0.008	0.07			
6/22/2007	0.067	0.0043	0.0082						
12/14/2007		0.0057	0.0063						
12/15/2007	0.053			0.0055	0.0043	0.0072			
6/21/2008		0.0064		0.011					
6/22/2008	0.024		0.0074		0.0062	0.011			
12/6/2008		0.0052	0.0066	0.008	0.051	0.011			
12/7/2008	0.0087								
7/10/2009					0.0043				
7/11/2009	0.045	0.0049	0.0054	0.011		0.013			
12/22/2009						0.013			
12/23/2009	0.054	0.005	0.0046	0.0051	0.0039				
6/23/2010		0.0044	0.0041	0.0031	<0.01	0.0084			
6/24/2010	0.0065								
1/8/2011		0.0036	0.019	0.0035	0.0037	0.0089			
1/9/2011	0.022								
7/10/2011		0.0046	0.005	0.0081	0.0047	0.0084			
7/11/2011	0.0032								
1/19/2012				0.017	0.0045				
1/20/2012	0.0089	0.0045	0.007			0.0094			
7/12/2012		0.0041	0.0045	0.01	0.0033	0.0098			
7/13/2012	0.012								
1/21/2013	0.024	0.0038	0.0045	0.013	0.0038	0.007			
7/20/2013	0.0068	0.0047	<0.01	<0.01	0.004	0.0074			
1/17/2014	0.02	0.0051	0.0075	0.0066	0.005	0.0092			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
7/11/2014		0.0066							
7/12/2014	0.0055		0.0051	0.0054	0.004	0.013			
1/15/2015			0.0054	0.0076	0.0056				
1/16/2015	0.0043	0.0046				0.0081			
7/15/2015	0.0026	0.0036	0.0049	0.0053	0.0034	0.009			
1/16/2016	0.0035			0.0048	0.0038	0.007			
1/17/2016		0.004	0.0051						
6/22/2016	0.0096 (J)	0.0053 (J)	0.0087 (J)	0.0038 (J)	0.0038 (J)	0.0091 (J)			
1/19/2017				<0.01	<0.01	0.0065 (J)			
1/24/2017			0.0071 (J)						
1/25/2017		<0.01							
2/28/2017	<0.01								
7/17/2017	<0.01								
7/18/2017				<0.01	<0.01				
7/19/2017			<0.01			0.0099 (J)			
7/20/2017		<0.01							
1/8/2018	<0.01								
1/9/2018		<0.01	0.0079 (J)	0.0072 (J)	<0.01	0.014 (J)			
7/10/2018	<0.01	<0.01	0.0067 (J)	<0.01	<0.01	0.0089 (J)			
1/30/2019	<0.01	0.0042 (J)		0.006 (J)	0.0058 (J)	0.0057 (J)	0.011 (J)	0.013 (J)	
1/31/2019			0.0068 (J)						
3/27/2019	<0.01					0.01 (J)			
3/28/2019		<0.01	0.0069 (J)	<0.01	<0.01		0.0086 (J)	0.014 (J)	
9/11/2019	0.0062								
9/12/2019		0.0093	0.0089	0.0073	0.0081	0.0074	0.014	0.0075	
3/10/2020	<0.01			0.0079	0.0079	0.0071		0.0061	
3/11/2020							0.0099		
3/31/2020		<0.01	0.0065						
4/2/2020					0.011				
9/21/2020	<0.01			0.013	0.0055		0.007		
9/22/2020		0.017	0.029			0.039		0.0066	
3/23/2021	<0.01		0.0085		0.0092		0.0096	0.0066	0.0091
3/24/2021		0.01		0.0058		0.0085			
8/17/2021	0.048			0.029	0.014	0.024	0.052	0.026	
8/18/2021		0.012	0.0081						0.072
2/7/2022							0.0098	0.0046 (J)	
2/8/2022	0.0031 (J)		0.0078	0.007	0.013	0.007			
2/9/2022		0.0039 (J)							0.0069
8/30/2022	<0.01	0.0046 (J)	0.012	0.01	0.012	0.013	0.0089	0.014	
8/31/2022									0.0049 (J)
1/31/2023							0.0082	0.012	<0.01
2/1/2023		<0.01	0.0062	0.0089	0.0071				
2/2/2023						0.0095			
3/28/2023									
3/29/2023									0.0056
5/30/2023									
5/31/2023									0.0049 (J)
7/26/2023									0.011
8/28/2023				0.0064			0.019		
8/29/2023		0.004 (J)	0.0065		0.012			0.011	0.008
9/6/2023						0.0082			
1/23/2024		0.0041 (J)	0.0069	0.0078	0.0091	0.0077	0.0094	0.01	0.0042 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1A (bg)	GWC-4A	GWC-2	GWA-4 (bg)	GWA-3A (bg)	GWA-5 (bg)	GWA-7A (bg)	GWA-2B (bg)	GWC-6A
8/19/2024							0.019	0.04	
8/20/2024		<0.01	0.0067	0.0081	0.019	0.007			0.0052
1/27/2025							0.0087		
1/28/2025		0.0062	0.0083	0.012	0.011	0.013		0.014	0.0047 (J)
7/29/2025				<0.01	0.012	0.013	<0.01	0.013	<0.01
7/30/2025		<0.01	0.0091 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
10/5/1999			
11/12/1999			
12/29/1999			
2/17/2000			
9/13/2000			
9/14/2000			
11/10/2000			
1/3/2001			
1/4/2001			
12/10/2001			
12/11/2001			
4/4/2002			
12/6/2002			
12/9/2002			
6/28/2003			
12/13/2003			
5/28/2004			
5/29/2004			
12/11/2004			
12/12/2004			
6/24/2005			
6/25/2005			
12/13/2005			
6/26/2006			
6/27/2006			
12/1/2006			
12/2/2006			
6/21/2007			
6/22/2007			
12/14/2007			
12/15/2007			
6/21/2008			
6/22/2008			
12/6/2008			
12/7/2008			
7/10/2009			
7/11/2009			
12/22/2009			
12/23/2009			
6/23/2010			
6/24/2010			
1/8/2011			
1/9/2011			
7/10/2011			
7/11/2011			
1/19/2012			
1/20/2012			
7/12/2012			
7/13/2012			
1/21/2013			
7/20/2013			
1/17/2014			

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
7/11/2014			
7/12/2014			
1/15/2015			
1/16/2015			
7/15/2015			
1/16/2016			
1/17/2016			
6/22/2016			
1/19/2017			
1/24/2017			
1/25/2017			
2/28/2017			
7/17/2017			
7/18/2017			
7/19/2017			
7/20/2017			
1/8/2018			
1/9/2018			
7/10/2018			
1/30/2019			
1/31/2019			
3/27/2019			
3/28/2019			
9/11/2019			
9/12/2019			
3/10/2020			
3/11/2020			
3/31/2020			
4/2/2020			
9/21/2020			
9/22/2020			
3/23/2021	0.0098		
3/24/2021		0.013	0.02
8/17/2021	0.024		
8/18/2021		0.021	0.15
2/7/2022			
2/8/2022	0.0048 (J)	0.011	
2/9/2022			0.023
8/30/2022	0.003 (J)		0.02
8/31/2022		0.014	
1/31/2023	<0.01	0.0088	0.018
2/1/2023			
2/2/2023			
3/28/2023	0.0096		
3/29/2023		0.01	0.02
5/30/2023	0.0076		
5/31/2023		0.0096	0.02
7/26/2023	<0.01	0.011	0.019
8/28/2023	0.0029 (J)		
8/29/2023		0.01	0.017
9/6/2023			
1/23/2024	0.05	0.016	0.018

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/29/2025 4:12 PM View: Appendix I - Interwell Prediction Limits

Plant McIntosh Client: Southern Company Data: McIntosh LF 3

	GWA-1B (bg)	GWC-5A	GWC-1A
8/19/2024			
8/20/2024	0.0035 (J)	0.015	0.02
1/27/2025			
1/28/2025	<0.01	0.018	0.021
7/29/2025	<0.01	0.015	
7/30/2025			0.022

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